Noel Comerford's AUTO PARTS

NAP EST 1978

Proudly Australian
Owned & Operated

LED
autolamps

A Trusted Australian Brand

PRODUCT CATALOGUE 8
2020 - 2021

LED autolamps

A Trusted Australian Brand
PRODUCT CATALOGUE
2020 - 2021

Click on the category for quick navigation

Lighting Products and Page Numbers

Numerical Part Number Index

Click on the part number for quick navigation

Part No	Page	Part No	Page	Part No	Page	Part No	Page
11 Series	90	80BSTIM	23	110 Series	112, 123	151 Series	25
12 Series	91	80 Singles	106	111AM	182	164 Series	109
16 Series	43	80 Twin	24	112ABM	182	175 Series	151
16 Colour	240	80 Triple	61	113 Series	113, 123	175AWTB2	155
23 Series	157	80 Quad	61	125 Singles	108	181 Series	42
24 Series	226	82 Single	102	125 Twin	66	200 Single	93
25 Series	94	82 Triple	56	125 Triple	69	200 Twin	21
30 Series	137, 138	82 Quad	71	128 Series	181	200BIRST	21
35 Series	36	83 Series	191	129 Series	45	200CAW	148
35 Colour	241	86 Series	136	130 Clear Chrome	124	200CCARLPM2	166
35 Licence	137, 138	90 Series	197	130 Series	119, 122	201 Series	21
37 Series	34, 132	91 Series	172	131 Series	116	207 Series	166
38 Series	40	93 Series	196	132 Series	153, 215	209 Series	167
40 Series	227	94 Series	198	133 Series	114, 123	223 Series	53
41 Series	162	97 Series	29	134 Series	115	235CAT1	148
42 Series	35, 133	98 Series	22, 168	135 Centre High Mount	152	235 Series Sequential	96
44 Series	41	99 Series	22, 168	135 Single	92	235 Series	97
52 Series	173	100ARM	17	135AW	147	235 Clear	97
58 Series	37, 135	100BAR	17	135ARM	19	235 Centre High Mount	152
60 Series	139, 162	100BSTIM	23	135 Triple	61	235 Series Bracket	64
66 Series	251	100 Singles	107	135CAT1	147	250 Series	60
68 Series	240	100 Triple	67	144 Series	179	275 Series	58, 62
69 Series	39	100 Quad	69	145ASRM	179	275ARM	62
77 Series Cab Marker	129	101 Series	23	149 Series	24, 169	280 Singles	103
77 Series Cat6	140, 266	102 Series	72-73, 110-111, 122	150ARM	17	280 Twin	24
80AW	155, 263	110 Clear Chrome	125	150 Series	17	280 Triple	58, 88-89,254

Numerical Part Number Index
Click on the part number for quick navigation

Part No	Page	Part No	Page	Part No	Page	Part No	Page
282 Series	60, 254	5543 Series	126	40410	227	7CBBB	218
283 Series	59, 255	5563 Series	128	40770	227	7CBB	218-219
284 Series	52	5590 Series	118	120033	152, 193, 199	7CMBB	218-219
285 Front	149	5940 Series	117	120034	194	7CIRB	144
285 Centre High Mount	152	6434 Series	137-138	120035	195,199	7CJB	84-87, 120-121
285 Series	95,226	6612 Series	175	16606	177, 222	7CRB	214
355 Series	57	7030 Series	249	20109	177, 223	7CJEB	85, 87
380 Series	99	7035 Series	250	2C Cable	27	7CIRLB	144
380 Series Bracket	65, 99	7312BM	211, 215	2PF Cable	49, 219	7CIRB	144
380 Series Sequential	98	7312WM	174	2PMF Cable	49, 145, 215	7CMF Cable	83
420 Series	74	73120BM	212	2PT1	27	7CMFB	48-49
460 Singles	104	7451BM	213	2P3CB	33,49,130, 153,214,219	7CM Cable	83
460 Triple	75, 88-89, 255	7512BM	211, 215	2P3WB	49,120, 214,219	7CFB	48
530 Series	100-101	7512WM	174	2PFIB	121-123	7CMIB	144,145
595 Single	66	7515 Series	160-161	2PFRB	121-123.	7CFFB	48
595 Triple	79	7610	175, 220	2PMF Cable	49,145, 215	7PCB	84
800 Series	31	7922 Series	44	2PF200ETB	215	7P3WB	84
805 Series	31	9020	248	3PFSTB	121-123	7CFTB	85
1004 Series	47	10121 Series	225	3PMF Extension	121	7CMTB	85
1016 Series	176, 224	10121 Switch	225	3PMF Cable	33,130, 153	7CSTB	153
1031 Series	176, 224	13040BM	213	3P3WB	28,30, 33, 120, 130,153	7CFSTIRLB	120-121
1061 Series	176, 224	13040WM	174	4C Cable	27	7CFSTIRRB	120-121
1061 Switch	225	13118	176, 221	5C Cable	27, 171	7CFSTILB	120
3102 Series	141	23260	157	5C81	171	7CFSTIRB	120
5025 Series	38, 50, 142,145	23450	157	5C21	171	7PPLUG	246
5437 Series	127	40260	227	5C41	171	7PSOCKET	246

Numerical Part Number Index

Click on the part number for quick navigation

LIFETIME WARRANTY
14 YEARS IN PRODUCTION
SMALL TRAILER SERIES

- **Harness System Compatible**
- **Manufactured Since 2006**
- **Multivolt System Available**

ECE Approved

IP67 Rated

EMC/R10 Approved

The Tradesman Choice for Reliability and Durability

Benchmark Lifetime Warranty series from LED Autolamps. The only rear combination lamps in Australia with a lifetime warranty. We guarantee it for 20 years.

First introduced in Australia December 2006 with a lifetime warranty and as of January 2020, LED Autolamps have sold over 1.2 million units with a minimal 0.2% return rate. This product is built to the highest quality standards and comes with a lifetime guarantee. An Australian first for rear combination lamps, making the 100/150 Series lamps the most reliable rear combination LED automotive product in Australia.

Manufactured using high-quality LEDs and associated components to drive the LEDs within their electrical parameters and using FR4 PCB material which is known to retain high mechanical values and electrical insulation qualities. The PCB is fully encased in a specially formulated polyester resin designed for durability and resistance to tearing, abrasion and heat. This procedure to the PCB design completely protects the electrical components from the elements. The lifespan of the electrical components has a manufacturer's warranty of 100,000 hours. The average trailer use is 1000 hours per year this equates to 100 years of use.

The 100/150 series is completely waterproof and rated to IP67 submersible to 1 metre. The cabling and plug system has tinned copper wire; this type of wire is used in the marine industry for its resistance to corrosion and doesn't oxidize.

This lamp has been outperforming all others in its class in the auto lamps market for 14 years and is tried and trusted by major OEMs and retailers Australia wide. LED Autolamps have 100% confidence in this product which is why all 100/150 Series models include a lifetime warranty.

100/150 Series
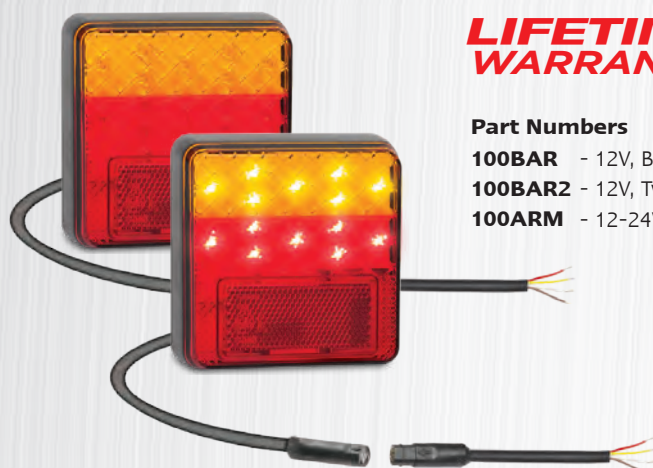# Small Trailer
Bolt on Fitting

- Original Design
- 14 Years in Production
- Lifetime Warranty

12 – 24 Multivolt **12 Volt Only** **ADR Approved**
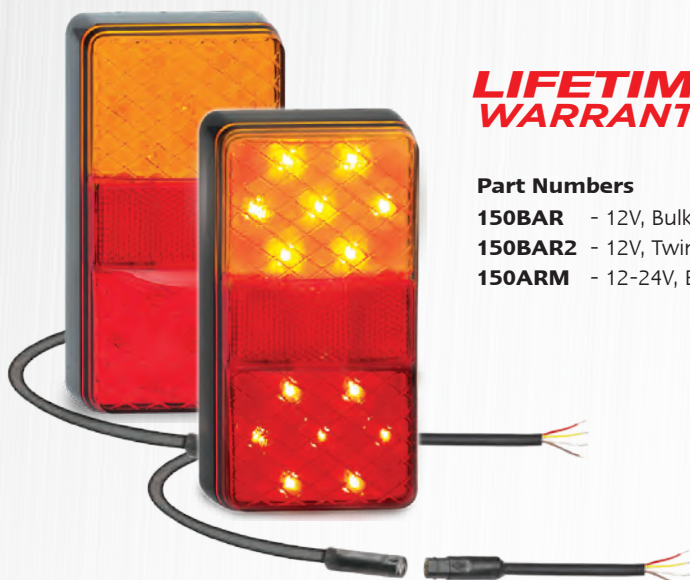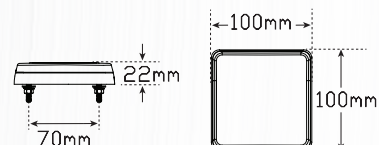
IP67 Rated

LIFETIME WARRANTY

Part Numbers
100BAR - 12V, Bulk
100BAR2 - 12V, Twin Blister
100ARM - 12-24V, Blister

Function	Stop/Tail/Indicator/Reflector
Size	100mm x 100mm x 22mm
Voltage	12 Volt or Multivolt 12-24V
LED Qty	14
Cable	40cm with plug

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	37986
ADR	Indicator	6/00 Cat2a	37985
ADR	Reflector	47/00	38102

Draw	Stop	Tail	Ind
@13.8V	0.13A	0.04A	0.12A
@28V	0.12A	0.06A	0.07A

Fitting Instructions and Technical Drawings

Mount onto flat surface using bolts at the back of the lamp, run wire and plug through 10mm hole in fixing surface. Please refer to ADR 13/00.

HARNESS SYSTEM COMPATIBLE

22mm
70mm
100mm
100mm

LIFETIME WARRANTY

Part Numbers
150BAR - 12V, Bulk
150BAR2 - 12V, Twin Blister
150ARM - 12-24V, Blister

Function	Stop/Tail/Indicator/Reflector
Size	150mm x 80mm x 24mm
Voltage	12 Volt or Multivolt 12-24V
LED Qty	14
Cable	40cm with plug

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	37381
ADR	Indicator	6/00 Cat2a	37380
ADR	Reflector	47/00	38102

Draw	Stop	Tail	Ind
@13.8V	0.13A	0.04A	0.12A
@28V	0.12A	0.06A	0.07A

Fitting Instructions and Technical Drawings

Mount onto flat surface using bolts at the back of the lamp, run wire and plug through 10mm hole in fixing surface. Please refer to ADR 13/00.
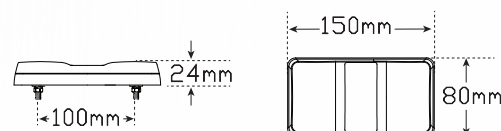
HARNESS SYSTEM COMPATIBLE

24mm
100mm
150mm
80mm

DOGBONE SERIES
LOW COST ALTERNATIVE

The Dogbone series lamps are perfect for the small trailer market with stop/tail/indicator and inbuilt reflector as standard. The standout feature of this lamp is its simplicity in the fitting. All that is required is to drill a 13mm hole for the serrated plug and wire outlet and peel off the supplied 3M tape from the rear of the lamp then secure in place. Specially designed lens and eight high brightness SMD LEDs power through enhanced optics to accomplish an incredibly bright output that outshines others in its class. A low-cost alternative that passes all required road standards without compromising on quality.

- **3M Tape Fitting**
- **Budget Design**
- **2 Year Warranty**

ECE Approved   **12 Volt** Only   **IP67** Rated

Easy Fit 3M Tape Design

Function	Stop/Tail/Indicator/Reflector
Size	150mm x 50mm x 23mm
Voltage	12 Volt Only
LED Qty	8
Cable	40cm

Draw @13.8V	Stop	Tail	Indicator
	0.06A	0.01A	0.06A

Approvals	Function	Approval No.
ECE	Stop/Tail	02-R1-S1.16451
ECE	Indicator	01-2a.16451
ECE	Reflector	02 1A.16451

Part Numbers
DB1B - Bulk
DB2 - Twin Blister

5 Metre Trailer Kit

Part Numbers
DB2LP1/5M - Twin Blister Kit
DB2LP1/5MB - Bulk Kit

Plugin Licence plate lamp, suitable for removable tailgates

Function	Stop/Tail/Indicator/Reflector
Size	150mm x 50mm x 23mm
Voltage	12 Volt Only
LED Qty	8 +4 Licence
Cable	5m Each Lamp & 40cm Licence

Draw @13.8V	Stop	Tail	Indicator
	0.06A	0.01A	0.06A

Approvals	Function	Approval No.
ECE	Stop/Tail	02-R1-S1.16451
ECE	Indicator	01-2a.16451
ECE	Reflector	02 1A.16451
ECE	Licence	L-E9-00.1066

Fitting Instructions and Technical Drawings

1/ Drill a 13mm hole for the wire outlet plug.
2/ Remove the protective film from the 3M tape.
3/ Push the cable and plug through the hole.
4/ Line up the lamp and press firmly.
5/ The lamp is held securely with high quality 3M tape.

50mm
23mm
13mm
150mm
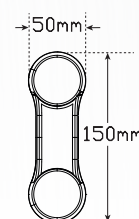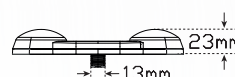
12 Series
Small Trailer
Screw Fitting

- Low Profile Compact Design
- Multivolt System
- 5 Year Warranty

12 – 24 Multivolt | **ECE** Approved | **IP67** Rated

## The Smallest Stop/Tail/Indicator Rear Combination Lamp in Australia

Part Number
12ARM-2 - Twin Blister

Function	Stop/Tail/Indicator
Size	131mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.20A	0.02A	0.16A
@28V	0.20A	0.02A	0.16A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22623*00
ECE	Indicator	E9*6R01/29*22623*00

Fitting Instructions and Technical Drawings

Mount horizontally or vertically onto a flat surface using 3M tape and screws supplied. Please refer to ADR 13/00 for mounting instructions.

131mm | 8mm | 30mm | 120mm

---
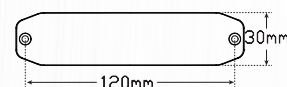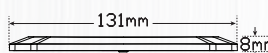
135 Series
Bracket Mount
Grommet Mount

- Ultra Narrow Design
- Grommet Accessory
- 5 Year Warranty

12 – 24 Multivolt | **ADR** Approved | **IP67** Rated

Part Number
135ARM/2 - Twin Blister

Part Number 135G
Rubber Grommet Available

Function	Stop/Tail/Indicator
Size	135mm x 38mm x 24mm
Voltage	Multivolt 12-24V
LED Qty	18
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.12A	0.01A	0.21A
@28V	0.08A	0.02A	0.11A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	39847
ADR	Indicator	6/00/2a	39846

Fitting Instructions and Technical Drawings

Surface mount horizontally with screw or plugs provided. Refer to ADR 13/00 for mounting instructions.

133mm | Grommet Cut Out | 36mm | 135mm | 24mm | 80mm | 38mm
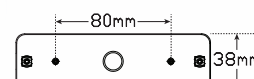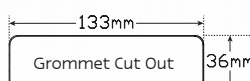
235/285 Series
Recess Mount
Screw Secured

- Slimline, Low Profile Design
- Clear Lens when Inactive
- 5 Year Warranty

12 Volt Only

ADR/ECE Approved

IP67 Rated

Recessed Mount

Part Number
235AR12 - Blister

Function	Stop/Tail/Indicator
Size	237mm x 25mm x 3mm
Voltage	12 Volt Only
LED Qty	12
Cable	40cm

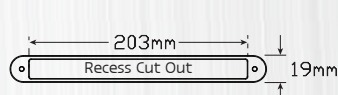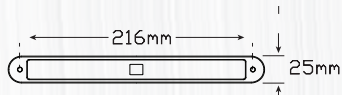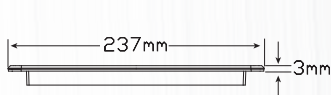| Draw @13.8V	Stop	Tail	Indicator
	0.20A	0.02A	0.20A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11436
ECE	Indicator	2a-E9-01.11436

237mm — 3mm

216mm — 25mm □

203mm — Recess Cut Out — 19mm

Screw Fitting

Part Number
235BBSTI12/2 - Twin Blister

Function	Stop/Tail/Indicator
Size	259mm x 46mm x 17mm
Voltage	12 Volt Only
LED Qty	12
Cable	40cm

Draw @13.8V	Stop	Tail	Indicator
	0.17A	0.02A	0.17A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11436
ECE	Indicator	2a-E9-01.11436

259mm — 17mm

215.5mm — 46mm
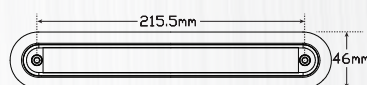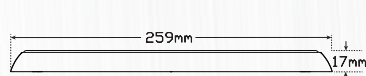
Lamp Mounted
Clip on Bezel

Part Number
285BAR12 - Blister

Function	Stop/Tail/Indicator
Size	285mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	8.5cm

Draw @13.8V	Stop	Tail	Indicator
	0.24A	0.09A	0.14A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22284*00
ECE	Indicator	E9*6R01/28*22284*00

285mm — 10mm

266mm — 25mm
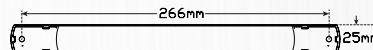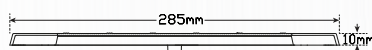
Lamp Mounted
Clip on Bezel

Part Number
285CAR12 - Blister

Function	Stop/Tail/Indicator
Size	285mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	8.5cm

Draw @13.8V	Stop	Tail	Indicator
	0.24A	0.09A	0.14A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22284*00
ECE	Indicator	E9*6R01/28*22284*00

285mm — 10mm

266mm — 25mm
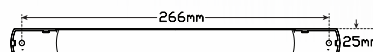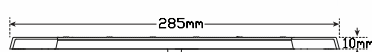
200 Series
Bracket Mount
Clip in Lens

- Original Design
- 14 Years in Production
- 5 Year Warranty

12 – 24 Multivolt **ADR/ECE** Approved **IP67** Rated

Original Design Lens

Part Numbers
200BSTIM - Blister
200BSTIMB - Bulk

Chrome Bracket Available

Part Number
200B1C - Bulk

Function	Stop/Tail/Indicator
Size	200mm x 50mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	24
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.29A	0.09A	0.19A
@28V	0.16A	0.07A	0.07A

Approvals	Function	Category	CRN
ADR	Stop	49/00	35785
ADR	Tail	49/00	35786
ADR	Indicator	6/00 2a	35784

200mm 28mm 160mm 50mm

Line Lens Design

Part Number
201BSTIM - Blister

Chrome Bracket Available

Part Number
200B1C - Bulk

Function	Stop/Tail/Indicator
Size	200mm x 50mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	16
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.13A	0.02A	0.13A
@28V	0.40A	0.03A	0.40A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	46885
ADR	Indicator	6/00 2a	46884

200mm 28mm 160mm 50mm

Diamond Lens Design

Part Number
200BIRSTME2 - Twin Blister

Chrome Bracket Available

Part Number
200B1C - Bulk

Function	Stop/Tail/Indicator/Reverse
Size	200mm x 50mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	36
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.29A	0.09A	0.19A	0.08A
@28V	0.16A	0.07A	0.07A	0.02A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11524
ECE	Indicator	2a-E9-01.11524
ECE	Reverse	AR-E9-00.11524

200mm 28mm 160mm 50mm

Original Lens Design

Part Number
200BARM - Blister

Function	Stop/Tail/Indicator
Size	200mm x 92mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	72
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.32A	0.04A	0.34A
@28V	0.18A	0.04A	0.19A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	35941
ADR	Indicator	6/00 2a	35795

200mm 28mm 92mm 160mm 42mm
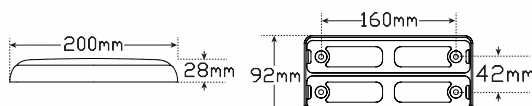
98/99 Series
Small Trailer
Inbuilt Reflector

- New Design
- Harness System Compatible
- 5 Year Warranty

ECE Approved | **IP67** Rated | **EMC/R10** Approved

Part Numbers
98BAR - Bulk
98BAR2 - Twin Blister

Function	Stop/Tail/Indicator/Reflector		
Size	100mm x 100mm x 22mm		
Voltage	12 Volt Only		
LED Qty	8 + Licence		
Cable	40cm or		
	5m with 40cm Licence		

Draw	Stop	Tail	Indicator
@13.8V	0.06A	0.01A	0.05A

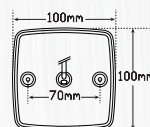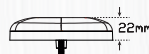| Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.16854
ECE	Indicator	2a-E9-01.16854
ECE	Reflector	IB-E9-02.16854
ECE	Licence	L-E9-00.1066

Part Numbers
98BARLP2/5 - 5m Kit, Twin Blister
98BARLP2/5B - 5m Kit, Bulk
98BARLP2/10 - 10m Kit, Twin Blister
98BARLP2/10B - 10m Kit Bulk

Fitting Instructions and Technical Drawings

Mount onto flat surface with Indicator at top using provided mounting hardware. Please refer to ADR 13/00 for mounting instructions.

5 or 10 Metre Trailer Kit

100mm | 22mm | 100mm | 70mm

Built in Licence Plate Lamp
Stop/Tail/Indicator/Reflex Reflector
Screw Mount

Part Numbers
99AR - 12V, Bulk
99ARL - 12V, Licence, Bulk
99ARL2 - 12V, Twin Blister
99ARM - 12-24V, Bulk
99ARLM - 12-24V, Licence, Bulk

Function	Stop/Tail/Ind/Reflector/Licence		
Size	107mm x 107mm x 23mm		
Voltage	12 Volt or Multivolt 12-24V		
LED Qty	8 + 4 Licence		
Cable	40cm or		
	1.1m		

Draw	Stop	Tail	Indicator
@13.8V	0.07A	0.05A	0.08A
@28V	0.07A	0.06A	0.06A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.6877
ECE	Indicator	2a-E9-01.6877
ECE	Reflector	IA-E9-02.6877
ECE	Licence	L-E9-00.6877

Part Numbers
99AR4P - 12V, Bulk
99ARL4P - 12V, Licence, Bulk
99ARLM4P - 12-24V, Licence, Bulk
99ARM1.14P - 12-24V, 1.1m Cable, Bulk

HARNESS SYSTEM COMPATIBLE

Fitting Instructions and Technical Drawings

Mount onto flat surface with Indicator at top using provided mounting hardware. Please refer to ADR 13/00 for mounting instructions.

107mm | 23mm | 107mm | 90mm

80/100/101 Series Bracket Mount Clip in Lens

- Original Design
- 17 Years in Production
- 5 Year Warranty

ECE/ADR Approved   **IP67** Rated   **EMC/R10** Approved

Function	Stop/Tail/Indicator
Size	100mm x 100mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	24
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.33A	0.06A	0.31A
@28V	0.25A	0.04A	0.22A

Approvals	Function	Category	CRN
ADR	Stop	49/00	35788
ADR	Tail	49/00	35789
ADR	Indicator	6/00 2a	35787

Part Number
80BSTIM - Blister

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens
into place. Please refer to ADR 13/00 for mounting instructions.
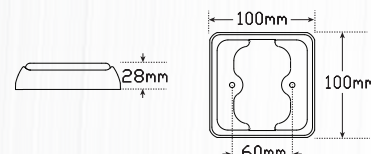
100mm 28mm 100mm 60mm

Function	Stop/Tail/Indicator
Size	122mm x 122mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	28
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.17A	0.04A	0.18A
@28V	0.14A	0.04A	0.11A

Approvals	Function	Category	CRN
ADR	Stop	49/00	35781
ADR	Tail	49/00	35782
ADR	Indicator	6/00 2a	35783

Part Number
100BSTIM - Blister

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place.
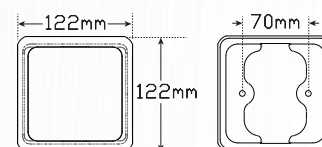Please refer to ADR 13/00 for mounting instructions.

122mm 122mm 70mm

Bolt on Fitting

12 Years in Production

Function	Stop/Tail/Indicator/Reflector
Size	100mm x 100mm x 22mm
Voltage	12 Volt Only
LED Qty	8
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.13A	0.04A	0.12A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.6444
ECE	Indicator	2a-E9-01.6444
ECE	Reflector	1A-E9-02.6444

Part Numbers
101BAR - Bulk Box
101BAR2 - Twin Blister

Fitting Instructions and Technical Drawings

Mount onto flat surface vertically with indicator at top using bolts in back
of lamp, run wire through 10mm hole in fixing surface. Please refer to ADR
13/00 for mounting instructions.

100mm 22mm 100mm 70mm
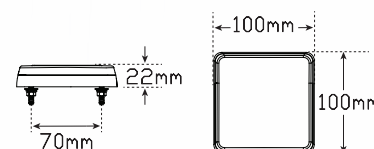
280/80/149 Series Small Trailer Bolt on Fitting

- New Design
- Shock, Dust & Water Proof
- 5 Year Warranty

ECE/ADR Approved | **IP67** Rated | **EMC/R10** Approved

Function	Stop/Tail/Indicator
Size	190mm x 95mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	24
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.17A	0.01A	0.18A
@28V	0.10A	0.02A	0.10A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11545
ECE	Indicator	2a-E9-01.11544

Part Number
280ARM - Blister
280RWM - Stop/Tail/Reverse Blister

Fitting Instructions and Technical Drawings

Mount onto flat surface horizontally with stainless steel bolts provided in assembly and run cable through 12mm hole. Please refer to ADR 13/00.

190mm · 95mm · 28mm · 100mm
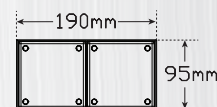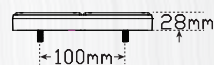
Original Design Screw on Bracket Clip in Lens

17 Years in Production

Function	Stop/Tail/Indicator
Size	188mm x 100mm x 28mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	72
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.33A	0.06A	0.31A
@28V	0.25A	0.04A	0.22A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33059
ADR	Indicator	6/00 2a	33098

Part Numbers
80BAR - 12V, Blister
80BARM - 12-24V, Blister

188mm · 100mm · 28mm
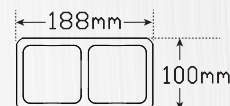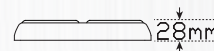
Bolt on Fitting

Built in Licence Plate Lamp

Function	Stop/Tail/Ind/Reflector/Licence
Size	150mm x 80mm x 29mm
Voltage	12 Volt Only
LED Qty	8 + 4 Licence
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.05A	0.07A	0.08A
@28V	0.07A	0.08A	0.07A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11712
ECE	Indicator	2a-E9-01.11712
ECE	Reflector	1A-E9-02. 11712
ECE	Licence	L-E9-00.11712

Part Number
149VBARLP2 - Twin Blister

Fitting Instructions and Technical Drawings

Surface mount using provided hardware, run wire and plug through 10mm hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

80mm · 29mm · 100mm · 150mm
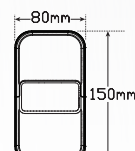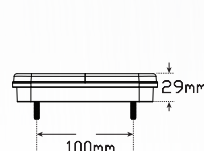
151/H155 Series
Small Trailer
Bolt on Fitting

- 10 Years in Production
- Budget Design
- 5 Year Warranty

ECE/ADR Approved **IP67** Rated **EMC/R10** Approved

Function	Stop/Tail/Indicator/Reflector		
Size	150mm x 80mm x 22mm		
Voltage	12 Volt Only		
LED Qty	8		
Cable	40cm		

Draw	Stop	Tail	Indicator
@13.8V	0.13A	0.04A	0.12A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.6362
ECE	Indicator	2a-E9-01.6362
ECE	Reflector	1A-E9-02.6362

Part Numbers
151BAR - Bulk
151BAR2 - Twin Blister

STOP/TAIL/INDICATOR LAMP WITH REFLEX REFLECTOR

Function	Stop/Tail/Indicator/Reflector		
Size	150mm x 80mm x 22mm		
Voltage	12 Volt Only		
LED Qty	8		
Cable	40cm		

Draw	Stop	Tail	Ind
@13.8V	0.07A	0.01A	0.06A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	44016
ADR	Indicator	6/00 2a	44015
ADR	Reflector	48/00	38102

Part Number
H155/50 - Bulk Box of 50

6 Metre Trailer Kit

Function	Stop/Tail/Indicator/Licence/Reflector		
Size	150mm x 80mm x 22mm		
Voltage	12 Volt Only		
LED Qty	8		
Cable	6m & 70cm Licence		

Draw	Stop	Tail	Ind
@13.8V	0.07A	0.01A	0.06A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	44016
ADR	Indicator	6/00 2a	44015
ADR	Reflector	48/00	38102
ECE	Licence	L-E9-00.1222	

Part Numbers
H155BARLP2/6 - Twin Blister Kit
H155BARLP2/6B - Bulk

Fitting Instructions and Technical Drawings

Mount onto flat surface with indicator at top using bolts in back of lamp, run wire through 10mm hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

80mm

22mm

100mm

150mm
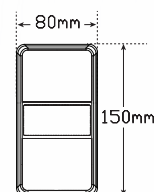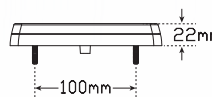
LED Autolamps Box & Tandem Trailer Harness System

Trusted By Trailer Manufacturers for Over 12 Years

Innovated Harness System

The key to this system is its ease of fitting. Wiring of a trailer will be completed faster, which is perfect for trailer manufacturers, DIY, or non-skilled fitters, saving time and money. No cutting, no soldering, no taping, and a professional finish.

Flexibility

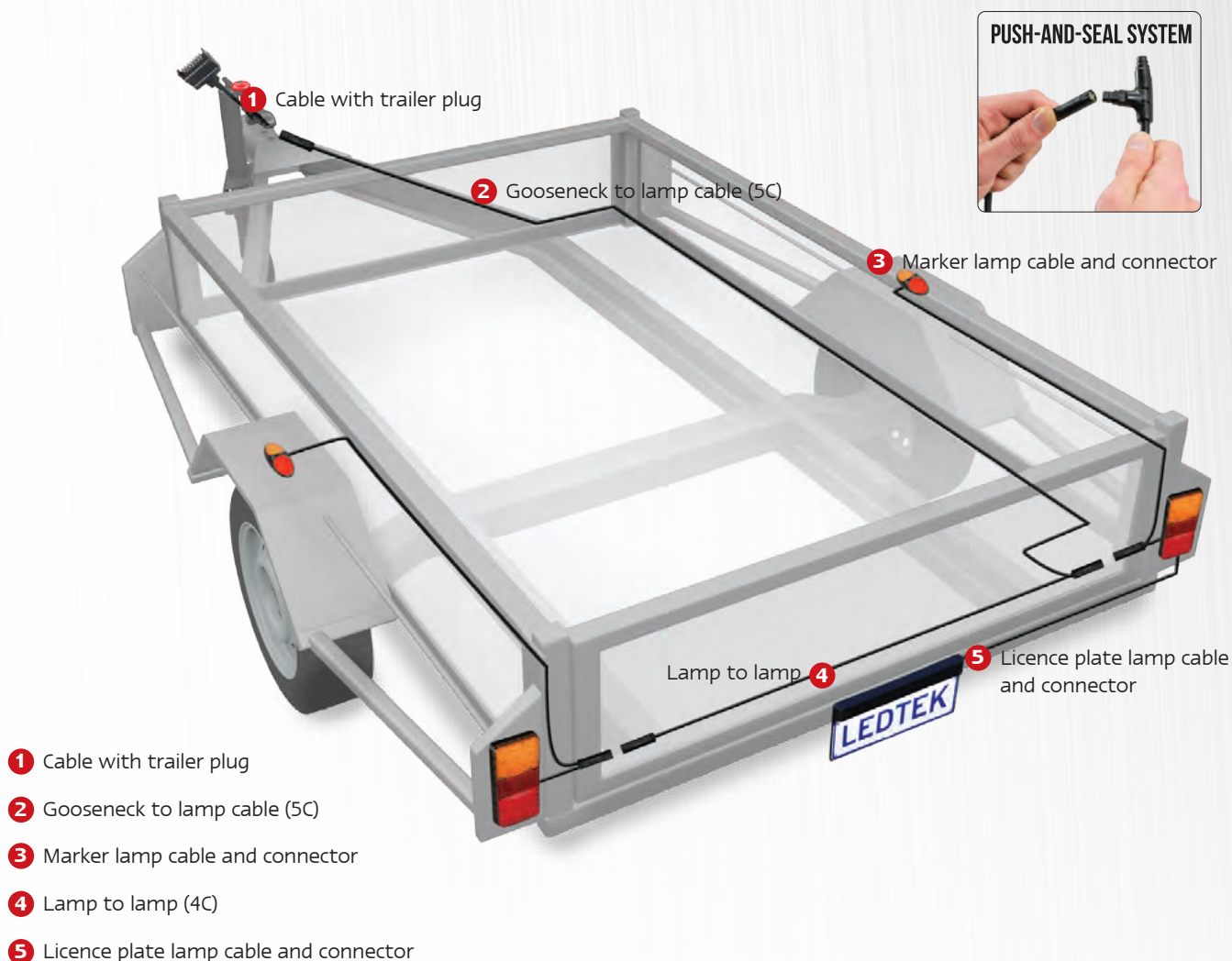The system consists of individual cables for box trailers to large tandem trailers with cable lengths up to 8 metres and widths up to 2.1 metres. Boat trailer cable lengths available up to 12 metres. All cables have 2 core accessory plugs that enable licence and marker lamps to be added if required.

Cable and Plugs

The Cables and plugs are specially designed with tinned copper terminals, unique sealing plug rings, and have waterproof grease added for extra protection. All Cables and Plug sockets are IP67 rated, ensuring watertight fully submersible connection.

PUSH-AND-SEAL SYSTEM

1. Cable with trailer plug
2. Gooseneck to lamp cable (5C)
3. Marker lamp cable and connector
4. Lamp to lamp
5. Licence plate lamp cable and connector

LEDTEK

1. Cable with trailer plug
2. Gooseneck to lamp cable (5C)
3. Marker lamp cable and connector
4. Lamp to lamp (4C)
5. Licence plate lamp cable and connector

- **No Tools Required**
- **No Cutting**
- **No Splicing**
- **No Soldering**
- **No Joiners**
- **No Tape**

Scan the QR code for more fitting examples

SCAN ME

Plug in Cable System for Small Trailers

- 100% Water Proof
- Specially Designed Plugs
- No Assembly Tools Required

Plug in Connectors   **IP67 Rated**   **Fully Submersible**

Gooseneck to Lamp – this cable is fitted from the front of the frame of the trailer to the rear right-hand lamp. The male plug to the lamp has two accessory wires for side markers.

Part Numbers

5C370C - 3.7 metre **5C490C** - 4.9 metre **5C610C** - 6.1 metre **5C730C** - 7.3 metre
5C430C - 4.3 metre **5C550C** - 5.5 metre **5C670C** - 6.7 metre **5C800B** - 8 metre

Lamp to Lamp – this cable is fitted from the right-hand lamp to the left-hand lamp. The male plug to the lamp has two accessory wires for side markers.

Part Numbers

4C110C - 1.1 metre **4C150C** - 1.5 metre **4C190C** - 1.9 metre **4C320B** - 3.2 metre
4C130C - 1.3 metre **4C170C** - 1.7 metre **4C210C** - 2.1 metre

Gooseneck to Vehicle with Trailer Plug – this 1-metre cable is fitted to the gooseneck. This cable ends with a trailer plug. You can also add the 5C1MB or the 5C1.5MB to extend the trailer plug length.

Part Numbers

5C81 - 7 Large Pin Round **5C21** - 7 Pin Small Round **5C41** - 7 Pin Flat

5C1MB - 1 metre **5C1.5MB** - 1.5 metre

Marker Lamp Cable and Plugs – For fitting marker lamps to the trailer harness system.

Part No. **2C100B** — 1 metre
Part No. **2C200B** — 2 metre
Part No. **2C300B** — 3 metre
Part No. **2C400B** — 4 metre
Part No. **2C500B** — 5 metre

See Marker Lamp Section Pages 34 & 37.

Licence Lamp Cable and Connector – 35BLM1P have a 1-metre cable with a plug that fits into the back of the 100ARM and 150ARM series lamps. Alternatively the 41BLMB2P along with the T piece connector can be used also.

Part No. **35BLM1P**   Part No. **41BLM2P**   **T piece connector** Part No. **2PT1**

Cable System Kits for Trailers, Easy Off the Shelf Reseller

Part No. **TK6X4SR**
6' x 4' Cable Kit
Small Round Plug

Part No. **TK6X4F**
6' x 4' Cable Kit
Flat Plug

Part No. **TK12X6F**
12' x 6' Cable Kit
Flat Plug

SAFER TRAVEL FOR ALL
ROAD USERS

MERGE WITH CONFIDENCE KNOWING YOUR ENTIRE TRAILER IS INDICATING YOUR INTENDED DIRECTION.

The 97 series side marker/indicator combination lamp design will revolutionize road safety as well as help save lives. Statistics show 54% of road crash injuries and 10% of fatalities happen in the same direction incident or from a sideswipe between articulated trucks and light vehicles. Heavy to heavy vehicles statistics also show a significant proportion of same direction incidents, with 33% of them fatal.

This cutting-edge design would have all the markers down the side of your trailer act as side direction indicators. The extra volume of light would give other vehicles plenty of warning with the intention that larger vehicles are merging into traffic. To finish the range we have also made available a front and rear end outline marker version that not only functions as a marker but also acts a supplementary indicator function. This function is not ADR/ECE approved.

Offering a new modern design and appeal, this range of marker/indicator combination lamps provide the latest in innovative function and design. Featuring a surface mounted base that enables both the lens and bezel to clip neatly into place and conveniently conceals the mounting hardware with no visible screws. Standard 3 core 40cm cable or 20cm with plug connector

Adaptable Cables and Plugs for the Marker/Indicator Lamp Series to suit the Heavy Duty Truck Harness System, go to page 32-33

Connection Plug and Cover

Part No. 3P3WB — 3 Way Plug to connect cable for additional lamps along the side of the trailer.

Part No. 2P3CB — Cover for the 3 way plug connection.

Cable Lengths Available

3PMF2B	Cable Length: 2m
3PMF3B	Cable Length: 3m
3PMF4B	Cable Length: 4m
3PMF5B	Cable Length: 5m

Statistical Data sourced from https://www.bitre.gov.au/ 2016 publications.

97 Series Marker Lamps with Direction Indicator
Base Mount – Clip in Lamp

- New Design 2020
- Low Profile
- 5 Year Warranty

12 – 24 Multivolt | **ADR** Approved | **IP67** Rated | **EMC/R10** Approved

---

Indicator Function

Marker Function

Part Numbers
97ARIM - Blister
97ARIMB - Bulk

Function	Side Marker & Side Direction Indicator
Size	97mm x 45mm x 28mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	@13.8V	@28V
	TBA	TBA

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	TBA
ADR	Side Direction	6/00 Cat5/6	TBA

Available in Chrome
Go to Chrome Series

Indicator Function

Marker Function

Part Numbers
97RIM - Blister
97RIMB - Bulk

Function	Rear End Outline Marker & Supplemental Rear Indicator
Size	97mm x 45mm x 28mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	@13.8V	@28V
	TBA	TBA

Approvals	Function	Category	CRN
ADR	Rear End	49/00	TBA

Available in Chrome
Go to Chrome Series

Indicator Function

Marker Function

Part Numbers
97AIM - Blister
97AIMB - Bulk

Function	Side Marker & Side Direction Indicator
Size	97mm x 45mm x 28mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	@13.8V	@28V
	TBA	TBA

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	TBA
ADR	Side Direction	6/00 Cat5/6	TBA

Available in Chrome
Go to Chrome Series

Indicator Function

Marker Function

Part Numbers
97WIM - Blister
97WIMB - Bulk

Function	Front End Outline Marker & Supplemental Front Indicator
Size	97mm x 45mm x 28mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	@13.8V	@28V
	TBA	TBA

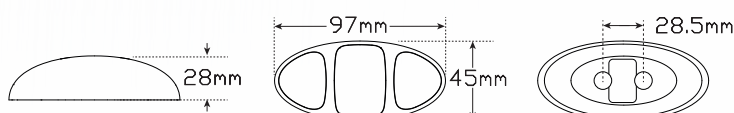| Approvals	Function	Category	CRN
ADR	Front End	49/00	TBA

Available in Chrome
Go to Chrome Series

Fitting Instructions, and Technical Drawings

Drill a 10mm hole for the wire and plug, then surface mount base using screws provided. Clip lamp in place. Please refer to ADR 13/00 for mounting instructions.

97mm · 28mm · 45mm · 28.5mm

SAFER TRAVEL FOR ALL
ROAD USERS

MERGE WITH CONFIDENCE KNOWING YOUR ENTIRE TRAILER IS INDICATING YOUR INTENDED DIRECTION.

The 800 series side marker/indicator combination lamp design will revolutionize road safety, as well as help save lives. Statistics show 54% of road crash injuries and 10% of fatalities happen in the same direction incident or from a sideswipe between articulated trucks and light vehicles. Heavy to heavy vehicles statistics also show a significant proportion of the same direction incidents, with 33% of them fatal.

This cutting-edge design would have all the markers down the side of your trailer act as side direction indicators. The extra volume of light would give other vehicles plenty of warning with the intention that larger vehicles are merging into traffic. This function is not ADR/ECE approved.

It is manufactured using tough polycarbonate and hardened acrylic plastics for the lens and body as well as TPE plastics (Thermoplastics elastomer), which offer high thermal resistance as well as extreme durability. The makeup of these lamps will guarantee a highly durable, flexible fit that not only surpasses others in its class but exceeds DG dangerous goods ratings when combined with the plugin cable system. This new and distinctive range of marker/indicator combination lamps provides the latest in innovative function and modern design. Available in standard 3 core 40cm cable or 20cm with a plug connector.
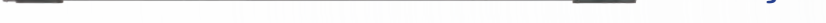
Adaptable Cables and Plugs for the Marker/Indicator Lamp Series to suit the Heavy Duty Truck Harness System, go to page 32-33

Connection Plug and Cover

Part No. 3P3WB 3 Way Plug to connect cable for additional lamps along the side of the trailer.

Part No. 2P3CB Cover for the 3 way plug connection.

Cable Lengths Available

3PMF2B   Cable Length: 2m

3PMF3B   Cable Length: 3m

3PMF4B   Cable Length: 4m

3PMF5B   Cable Length: 5m

Statistical Data sourced from https://www.bitre.gov.au/ 2016 publications.

800 Series Marker Lamps with Direction Indicator Screw Fitting

- New Design 2020
- Rubber Housing
- 5 Year Warranty

12 – 24 Multivolt | **ADR Approved** | **IP67 Rated**

Function	Side Marker/ Cat 5 Side Direction Indicator
Size	103mm x 70mm x 52mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	40cm

Draw	@13.8V	@28V
Marker	0.04A	0.05A
Indicator	0.04A	0.05A

Part Numbers
800ARIM-2 - Twin Blister
800ARIML - LHS, Bulk
800ARIMR - RHS, Bulk

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	TBA
ADR	Side Direction	6/00	TBA

Indicator Function

Marker Function

Fitting Instructions and Technical Drawings

Fix to flat surface, amber facing forward and red facing to the rear with two bolts supplied. Please refer to ADR 13/00 for mounting instructions.

103mm
70mm
36mm
52mm
70mm

---

800 Series Marker Lamps with Direction Indicator Screw Fitting

Function	Side Marker/ Cat 5 Side Direction Indicator
Size	183mm x 131mm x 52mm
Voltage	Multivolt 12-24V
LED Qty	7
Cable	40cm

Draw	@13.8V	@28V
Marker	0.04A	0.05A
Indicator	0.04A	0.05A

Part Numbers
805ARIM-2 - Twin Blister
805ARIML - LHS, Bulk
805ARIMR - RHS, Bulk

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	TBA
ADR	Side Direction	6/00	TBA

Indicator Function

Marker Function

Fitting Instructions and Technical Drawings

Fix to flat surface, amber facing forward and red facing to the rear with two bolts supplied. Please refer to ADR 13/00 for mounting instructions.

110mm
183mm
36mm
52mm
131mm

Marker/Indicator Cables, Plugs Connectors

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 *Dangerous Goods* | **IP68** *Tested* | **RoHS** *Compliant*
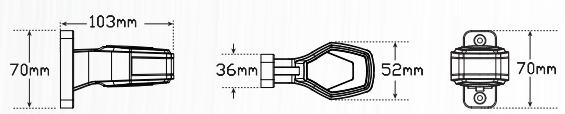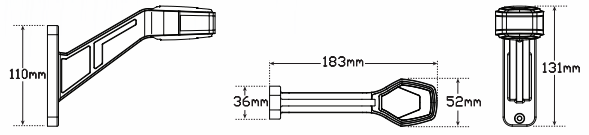
Adaptable Cables and Plugs for the Indicator Lamp Series to suit the Heavy Duty Truck Harness System

The heavy-duty truck harness system has provisions for a separate combination marker/indicator lamps. Plugin the marker/indicator adapter plugs 7CILMB and the 7CIRMB into the harness system, then run a three-core cable to adapt the marker/indicators.
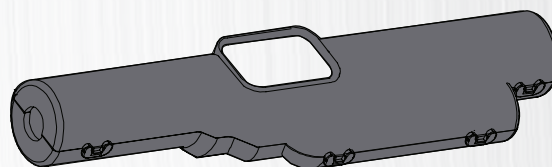
All connectors have covers available for secure fitment of the cables ensuring Dangerous Goods Rating AS2809.

Marker/Side Indicator Lamp Splitter for Left Hand Side

Defined by its dark yellow colour the 7CILMB splits from the 7 Core cable and powers the marker lamp/LHS indicator. Connection covers are available for secure fitment and Dangerous Goods Rating AS2809.
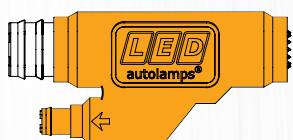
Part No. 7CILMB Plug Dimension
Width 37mm, Length 78mm

Part No. CMBB Cover Dimension
Width 44mm, Length 177mm

Marker/Side Indicator Lamp Splitter for Right Hand Side

Defined by its dark green colour the 7CIRMB splits from the 7 Core cable and powers the marker lamp/RHS indicator. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
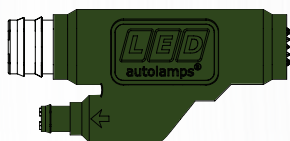
Part No. 7CIRMB Plug Dimension
Width 37mm, Length 78mm
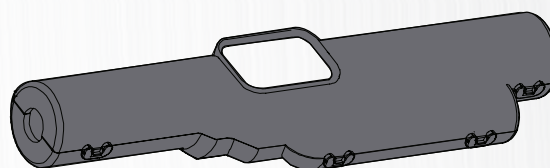
Part No. CMBB Cover Dimension
Width 44mm, Length 177mm

Indicator splitters to suit RHS and LHS Side direction Indicators when space is limited

7CILMB   7CIRMB

Indicator splitters to suit RHS and LHS Rear direction Indicators when more than one Indicator is required at the rear of the vehicle

Heavy Duty Harness and Lighting System

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods | **IP68** Tested | **RoHS** Compliant

Cable Lengths with Male and Female Plugs, use when adding 3 core cable lamps

3PMF.5B — Cable Length: 0.5m
3PMF1B — Cable Length: 1m
3PMF1.5B — Cable Length: 1.5m
3PMF2B — Cable Length: 2m
3PMF3B — Cable Length: 3m
3PMF4B — Cable Length: 4m
3PMF5B — Cable Length: 5m

3 Core Splitter Plug

The 3P3WB is a plug that splits one cable into two, this allows the fitter to add as many combination Indicator/Marker lamps as required. Always align the arrows on the plugs to ensure the correct connection. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.

Part No. 3P3WB
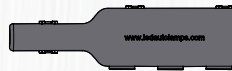
Part No. 2P3CB
Cover for the 3P3WB.

Part No. 97ARIMCSB
20cm Cable with Plug

Part No. 97CARIMCSB
20cm Cable with Plug

Part No. 97RIMCSB
20cm Cable with Plug

Part No. 97CRIMCSB
20cm Cable with Plug

Part No. 97AIMCSB
20cm Cable with Plug

Part No. 97CAIMCSB
20cm Cable with Plug

Part No. 97WIMCSB
20cm Cable with Plug

Part No. 97CWIMCSB
20cm Cable with Plug

Sample of Lamp Link Up

Part Numbers
800ARIMLCSB - LHS, 3 Pin Plug
800ARIMRCSB - RHS, 3 Pin Plug

Part Numbers
805ARIMLCSB - LHS, 3 Pin Plug
805ARIMRCSB - RHS, 3 Pin Plug

Sample of Lamp Link Up

37 Series
Modern Design
3M Tape Fitting

- Easy to Fit
- Low Profile
- 5 Year Warranty

12 – 24 Multivolt   **ADR/ECE** Approved   **IP67** Rated

Function	Side Marker
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	**@13.8V**	**@28V**
	0.04A	0.04A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	47219

Part Numbers
37ARM2P   - Blister
37ARMB2P - Bulk

**Available in Chrome
Go to Chrome Series**

Function	Rear End Outline Marker
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	**@13.8V**	**@28V**
	0.04A	0.04A

Approvals	Function	Approval No.
ECE	Rear End	R1-E9-02.6917

Part Numbers
37RM2P   - Blister
37RMB2P - Bulk

**Available in Chrome
Go to Chrome Series**

Function	Side Marker/Side Direction
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	**@13.8V**	**@28V**
	0.04A	0.04A

Approvals	Function	Approval No.
ECE	Side Marker	SM1-E9-00.1017
ECE	Side Direction	5-E9-01.6204

Part Numbers
37AM2P   - Blister
37AMB2P - Bulk

**Available in Chrome
Go to Chrome Series**

Function	Front End Outline Marker
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	**@13.8V**	**@28V**
	0.04A	0.04A

Approvals	Function	Approval No.
ECE	Front End	A-E9-02.6918

Part Numbers
37WM2P   - Blister
37WMB2P - Bulk

**Available in Chrome
Go to Chrome Series**

Fitting Instructions and Technical Drawings

Drill a 10mm hole for the serrated plug. Pull the sheathed cable through the hole. Remove the protective film from the 3M tape. Push the serrated plug into the hole. Line up the lamp and press firmly. The lamp is held securely with the plug serrations and high quality 3M tape. Please refer to ADR 13/00 for mounting instructions.

20mm   10mm   70mm   35mm

42 Series
Bracket Mount
Clip in Lens

- Classic Truck Style
- Clear Polycarbonate Lens
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Side Marker
Size	74mm x 38mm x 35mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	16cm

Draw	@13.8V	@28V
	0.05A	0.06A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	42837

Part Numbers
42ARM - Blister
42ARMB - Bulk Box of 10

**Available in Chrome
Go to Chrome Series**

Function	Rear End Outline Marker
Size	74mm x 38mm x 35mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	16cm

Draw	@13.8V	@28V
	0.05A	0.06A

Approvals	Function	Category	CRN
ADR	Rear End	49/00	42839

Part Numbers
42RM - Blister
42RMB - Bulk Box of 10

**Available in Chrome
Go to Chrome Series**

Function	Side Direction Indicator
Size	74mm x 38mm x 35mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	16cm

Draw	@13.8V	@28V
	0.05A	0.06A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	42836

Part Numbers
42AM - Blister
42AMB - Bulk Box of 10

**Available in Chrome
Go to Chrome Series**

Function	Front End Outline Marker
Size	74mm x 38mm x 35mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	16cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Category	CRN
ADR	Front End	49/00	42840

Part Numbers
42WM - Blister
42WMB - Bulk Box of 10

**Available in Chrome
Go to Chrome Series**

Fitting Instructions
and Technical Drawings

Mount bracket horizontally onto flat surface, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

74mm
35mm
38mm
28.5mm
50.8mm

35 Series
Bracket Mount
Clip in Lens

- 15 Years in Production
- Low Profile Design
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Part Numbers

35ARM - Blister
35ARMB - Bulk

Function	Side Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.10A	0.07A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	34099

Available in Chrome
Go to Chrome Series

Part Numbers

35RM - Blister
35RMB - Bulk

Function	Rear End Outline Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.12A	0.07A

Approvals	Function	Category	CRN
ADR	Rear End	49/00	34007

Available in Chrome
Go to Chrome Series

Part Numbers

35AM - Blister
35AMB - Bulk

Function	Side Direction Indicator
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.10A	0.07A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/Cat5	33894

Available in Chrome
Go to Chrome Series

Part Numbers

35WM - Blister
35WMB - Bulk

Function	Front End Outline Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.05A	0.04A

Approvals	Function	Category	CRN
ADR	Front End	49/00	34008

Available in Chrome
Go to Chrome Series

Fitting Instructions
and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

21mm   58mm   35mm   28.50mm

58 Series
Bracket Mount
Clip in Lens

- Price Competitive
- Low Profile Design
- 5 Year Warranty

12 – 24 Multivolt **ADR Approved** **IP67 Rated**

Function	Side Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	40cm or 300cm or 10cm with plugs

Draw	@13.8V	@28V
	0.10A	0.04A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	36841
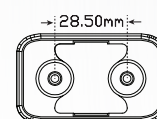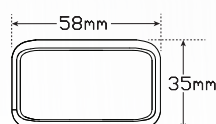
Part Numbers

58ARM	- 40cm Cable, Blister
58ARMB	- 40cm Cable, Bulk Box of 10
58ARMB2P	- 10cm with Plug, Bulk
58ARM3	- 300cm Cable, Bulk

**Available in Chrome
Go to Chrome Series**

Function	Rear End Outline Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	40cm or 300cm or 10cm with plugs

Draw	@13.8V	@28V
	0.12A	0.04A

Approvals	Function	Category	CRN
ADR	Rear End	49/00	36840

Part Numbers

58RM	- 40cm Cable, Blister
58RMB	- 40cm Cable, Bulk Box of 10
58RMB2P	- 10cm with Plug, Bulk
58RM3	- 300cm Cable, Bulk

**Available in Chrome
Go to Chrome Series**

Function	Side Direction Indicator
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	40cm or 300cm or 10cm with plugs

Draw	@13.8V	@28V
	0.10A	0.04A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	38277

Part Numbers

58AM	- 40cm Cable, Blister
58AMB	- 40cm Cable, Bulk Box of 10
58AMB2P	- 10cm with Plug, Bulk
58AM3	- 300cm Cable, Bulk

**Available in Chrome
Go to Chrome Series**

Function	Front End Outline Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	40cm or 300cm or 10cm with plugs

Draw	@13.8V	@28V
	0.05A	0.03A

Approvals	Function	Category	CRN
ADR	Front End	49/00	36842

Part Numbers

58WM	- 40cm Cable, Blister
58WMB	- 40cm Cable, Bulk Box of 10
58WMB2P	- 10cm with Plug, Bulk
58WM3	- 300cm Cable, Bulk

**Available in Chrome
Go to Chrome Series**

Fitting Instructions
and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

21mm   58mm   35mm   28.50mm

5025 Series
Price Competitive
3M Tape Fitting

- Easy to Fit
- Compact Low Profile
- 5 Year Warranty

12 – 24 Multivolt   **ADR Approved**   **IP67 Rated**

Function	Side Marker
Size	50mm x 25mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	20cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	47212

Part Numbers
5025ARM2 - Twin Blister
5025ARMB - Bulk

Red & Amber Side Marker

Function	Rear End Outline Marker
Size	50mm x 25mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	20cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Category	CRN
ADR	Rear End	49/00	47202

Part Numbers
5025RM2 - Twin Blister
5025RMB - Bulk

Rear End Outline Marker

Function	Side Marker
Size	50mm x 25mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	20cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Category	CRN
ADR	Side Marker	49/00	47214
ADR	Side Direction	6/00/5	47215
ADR	Front End	49/00	47218

Part Numbers
5025AM2 - Twin Blister
5025AMB - Bulk

Side Marker Side Direction Front End Outline

Function	Front End Outline Marker
Size	50mm x 25mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	20cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Category	CRN
ADR	Front End	49/00	47203

Part Numbers
5025WM2 - Twin Blister
5025WMB - Bulk

Front End Outline Marker

Fitting Instructions and Technical Drawings

Drill a 10mm hole for the serrated plug. Pull the sheathed cable through the hole. Remove the protective film from the 3M tape. Push the serrated plug into the hole. Line up the lamp and press firmly. The lamp is held securely with the plug serrations and high quality 3M tape.

21mm
10mm
50mm
25mm

69 Series
Slimline Design
Screw Fitting

- Retrofit Design
- Replaces Globe Type
- 5 Year Warranty

12 Volt Only

ADR/ECE Approved

IP67 Rated

Function	Side Marker
Size	120mm x 69mm x 20mm
Voltage	12 Volt Only
Cable	40cm

Draw	**@13.8V**	**@28V**
	TBA	TBA

Approvals	**Function**	**Category**	**CRN**
ADR	Side Marker	45/01	TBA

Part Number
69ARM - Blister

Function	Rear End Outline Marker
Size	120mm x 69mm x 20mm
Voltage	12 Volt Only
Cable	40cm

Draw	**@13.8V**	**@28V**
	TBA	TBA

Approvals	**Function**	**Approval No.**
ECE	Rear End	R1-E9-02.TBA

Part Number
69RM - Blister

Function	Side Marker
Size	120mm x 69mm x 20mm
Voltage	12 Volt Only
Cable	40cm

Draw	**@13.8V**	**@28V**
	TBA	TBA

Approvals	**Function**	**Approval No.**
ECE	Side Marker	SM1-E9-00.TBA

Part Number
69AM - Blister

Function	Front End Outline Marker
Size	120mm x 69mm x 20mm
Voltage	12 Volt Only
Cable	40cm

Draw	**@13.8V**	**@28V**
	TBA	TBA

Approvals	**Function**	**Approval No.**
ECE	Front End	A-E9-02.TBA

Part Number
69WM - Blister

Fitting Instructions
and Technical Drawings

Surface mount onto flat surface horizontally with screws, run wire through hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

120mm — 20mm — 69mm — 76.5mm

38 Series
Lamp Mount
Clip on Bracket

- Low Profile
- Inbuilt Reflex Reflector
- 5 Year Warranty

12 – 24 Multivolt   **ADR Approved**   **IP67 Rated**

Function	Side Marker with Inbuilt Reflex Reflector
Size	135mm x 38mm x 22mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	16cm

Draw	@13.8V	@28V
	0.05A	0.06A

Part Numbers
38ARM - Blister
38ARMB - Bulk

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	40302
ADR	Reflector	47/00	38102

Function	Rear End Outline Marker with Inbuilt Reflex Reflector
Size	135mm x 38mm x 22mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	16cm

Draw	@13.8V	@28V
	0.05A	0.06A

Part Number
38RM - Blister

Approvals	Function	Category	CRN
ADR	Rear End	49/00	40352
ADR	Reflector	47/00	38101

Function	Side Marker with Inbuilt Reflex Reflector & Side Direction Indicator
Size	135mm x 38mm x 22mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	16cm

Draw	@13.8V	@28V
	0.05A	0.06A

Part Number
38AM - Blister

Approvals	Function	Category	CRN
ADR	Side Marker	74/00	40385
ADR	Side Direction	6/00/5	40377
ADR	Reflector	47/00	38102

Function	Front End Outline Marker with Inbuilt Reflex Reflector
Size	135mm x 38mm x 22mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	16cm

Draw	@13.8V	@28V
	0.03A	0.03A

Part Number
38WM - Blister

Approvals	Function	Category	CRN
ADR	Front End	49/00	40353
ADR	Reflector	47/00	38103

Fitting Instructions and Technical Drawings

Remove bezel and surface mount lamp horizontally onto flat surface with screws provided, run wires through back and clip bezel into place. Please refer to ADR 13/00 for mounting instructions.

22mm

135mm

38mm

51mm
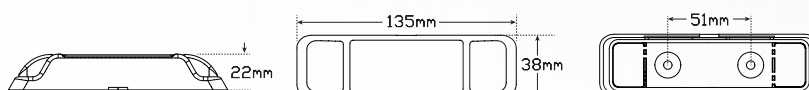
44 Series Marker/Reflector Screw Fitting

- Inbuilt Reflex Reflector
- Low Profile
- 5 Year Warranty

12 – 24 Multivolt | **ADR/ECE Approved** | **IP67 Rated**

Function	Side Marker with Inbuilt Reflector
Size	100mm x 44mm x 12mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	50cm

Draw	@13.8V	@28V
	0.12A	0.04A

Approvals	Function	Category	CRN
ADR	Left Side	45/01	46886
ADR	Right Side	45/01	46831
ECE	Reflector	IA-E9-02.1014	

Part Numbers
44ARMLB - Left, Bulk
44ARMRB - Right, Bulk

Function	Rear End Outline Marker with Inbuilt Reflector
Size	100mm x 44mm x 12mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	50cm

Draw	@13.8V	@28V
	0.12A	0.04A

Approvals	Function	Approval No.
ECE	Rear End	R1-E9-02.6282
ECE	Reflector	IA-E9-02.1472

Part Numbers
44RME - Blister
44RMEB - Bulk

Function	Side Marker with Inbuilt Reflector
Size	100mm x 44mm x 12mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	50cm

Draw	@13.8V	@28V
	0.12A	0.04A

Approvals	Function	Approval No.
ECE	Side Marker	SM1-E9-00.1331
ECE	Reflector	IA-E9-02.1014

Part Numbers
44AME - Blister
44AMEB - Bulk

Function	Front End Outline Marker with Inbuilt Reflector
Size	100mm x 44mm x 12mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	50cm

Draw	@13.8V	@28V
	0.02A	0.03A

Approvals	Function	Approval No.
ECE	Front End	A-E9-02.6283
ECE	Reflector	IA-E9-02.1205

Part Numbers
44WME - Blister
44WMEB - Bulk

Fitting Instructions and Technical Drawings

Surface mount onto flat surface horizontally with screws, run wire through hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

100mm · 12mm · 44mm · 84mm
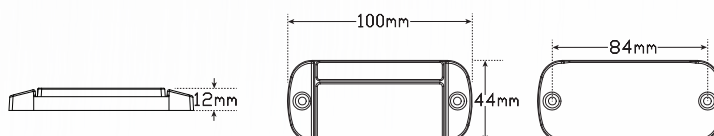
181 Series
Mini Marker
Recessed Mount

- Slimline Design
- Low Profile
- 5 Year Warranty

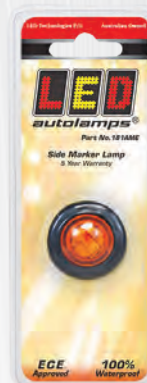**12 – 24** Multivolt   **ECE** Approved   **IP67** Rated

---

Function	Rear End Outline Marker
Size	28mm Round x 5mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	20cm

Draw	**@13.8V**	**@28V**
	0.03A	0.03A

Approvals	**Function**	**Approval No.**
ECE	Rear End	R1-E9-02.6257

Part Number
181RME - Blister

Function	Side Marker
Size	28mm Round x 5mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	20cm

Draw	**@13.8V**	**@28V**
	0.03A	0.03A

Approvals	**Function**	**Approval No.**
ECE	Side Marker	SM1-E9-00.1005

Part Number
181AME - Blister

Function	Front End Outline Marker
Size	28mm Round x 5mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	20cm

Draw	**@13.8V**	**@28V**
	0.03A	0.03A

Approvals	**Function**	**Approval No.**
ECE	Front End	A-E9-02.6258

Part Number
181WME - Blister

Fitting Instructions and Technical Drawings

Mount onto flat surface. Drill 20mm hole for cut-out and push lamp with rubber housing into the cut-out hole. Please refer to ADR 13/00 for mounting instructions.

72mm   5mm   28mm

Multivolt Module
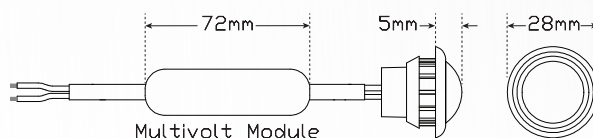
16 Series
Mini Markers
Screw Fitting

- Super Small and Compact
- Sleek Streamlined Design
- 5 Year Warranty

12 or 24 Volt   **ECE** Approved   **IP67** Rated

Function	Rear End Outline Marker
Size	58mm x 16mm x 13mm
Voltage	12 Volt or 24 Volt
LED Qty	3
Cable	20cm

Draw	@13.8V	@28V
	0.04A	0.03A

Approvals	Function	Approval No.
ECE	Rear End	E9*7R02/27*22158*00

Part Numbers

16R12-2 - 12V, Twin Blister
16R24-2 - 24V, Twin Blister

Function	Side Marker
Size	50mm x 25mm x 21mm
Voltage	12 Volt or 24 Volt
LED Qty	3
Cable	20cm

Draw	@13.8V	@28V
	0.04A	0.03A

Approvals	Function	Approval No.
ECE	Side Marker	E9*91R00/17*22080*00

Part Numbers

16A12-2 - 12V, Twin Blister
16A24-2 - 24V, Twin Blister

Function	Front End Outline Marker
Size	50mm x 25mm x 21mm
Voltage	12 Volt or 24 Volt
LED Qty	3
Cable	20cm

Draw	@13.8V	@28V
	0.05A	0.03A

Approvals	Function	Approval No.
ECE	Front End	E9*7R02/27*22156*00

Part Numbers

16W12-2 - 12V, Twin Blister
16W24-2 - 24V, Twin Blister

Fitting Instructions
and Technical Drawings

Mount marker lamp horizontally or vertically onto a flat surface with screws provided. Please refer to ADR 13/00 for mounting instructions

58mm   13mm   48mm   16mm
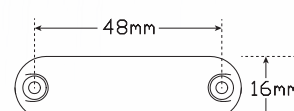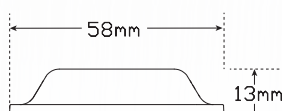
7922 Series
Recessed Mount
Screw Secured

- Low Profile only 3mm
- Compact Slimline Design
- 5 Year Warranty

12 – 24 Multivolt **ECE Approved** **IP67 Rated**

Function	Rear End Outline Marker
Size	79mm x 22mm x 3mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	20cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Approval No.
ECE	Rear End	RM1-E9-02.16555

Part Numbers
7922RM2 - Twin Blister
7922RMB - Bulk

Function	Side Marker
Size	79mm x 22mm x 3mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	20cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Approval No.
ECE	Side Marker	SM1-E9-00.1027

Part Numbers
7922AM2 - Twin Blister
7922AMB - Bulk

Function	Front End Outline Marker
Size	79mm x 22mm x 3mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	20cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Approval No.
ECE	Front End	AM-E9-02.16554

Part Numbers
7922WM2 - Twin Blister
7922WMB - Bulk

Fitting Instructions and Technical Drawings

Recessed mount with screws supplied. Cut out size 45mm x 17mm. Please refer to ADR 13/00 for mounting instructions.

17mm 45mm 3mm 79mm 22mm 58mm
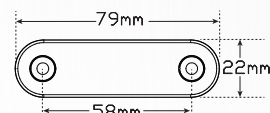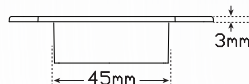
129 Series
Marker/Reflector
Screw Fitting

- Slimline Compact Design
- Inbuilt Reflex Reflector
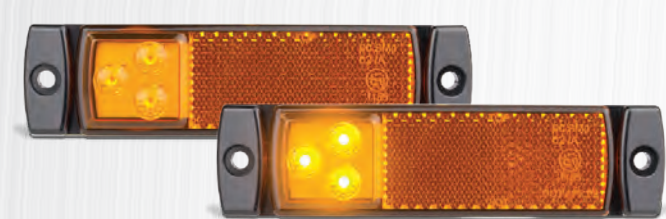- 5 Year Warranty

12 – 24 Multivolt   **ECE** Approved   **IP67** Rated

Function	Rear End Outline Marker with Inbuilt Reflex Reflector
Size	130mm x 32mm x 13mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	53cm

Draw	@13.8V	@28V
	0.01A	0.01A

Approvals	Function	Approval No.
ECE	Rear End	R1-E9-02.1185
ECE	Reflector	IA-E9-02.1185

Part Number
129RMB - Bulk

Function	Side Marker with Inbuilt Reflex Reflector
Size	130mm x 32mm x 13mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	53cm

Draw	@13.8V	@28V
	0.03A	0.04A

Approvals	Function	Approval No.
ECE	Side Marker	IA-E9-02.1155
ECE	Reflector	SM1-E9-00.1155

Part Number
129AMB - Bulk

Function	Front End Outline Marker with Inbuilt Reflex Reflector
Size	130mm x 32mm x 13mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	53cm

Draw	@13.8V	@28V
	0.01A	0.01A

Approvals	Function	Approval No.
ECE	Front End	A-E9-02.1186
ECE	Reflector	IA-E9-02.1186

Part Number
129WMB - Bulk

Fitting Instructions and Technical Drawings

Horizontal or vertical surface mount using screws supplied. Please refer to ADR 13/00 for mounting instructions.

17mm   13mm

130mm   32mm

116mm
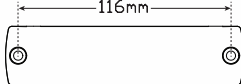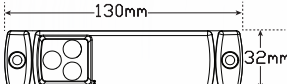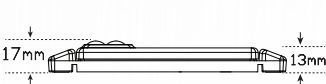
EU38 Series
Marker/Reflector
3M Tape Fitting

- Easy to fit - No Tools Required
- Black or White Base Design
- 5 Year Warranty

12 - 24 Multivolt   **ECE** Approved   **IP67** Rated

Black Base

White Base

Part Numbers

EU38RMHD - Blister
EU38RMHDB - Bulk
EU38BRMHDB - Black Base/PCB, Bulk

Function	Rear End Outline Marker and Reflector
Size	100mm x 38mm x 13mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	10cm

Draw	@13.8V	@28V
	0.01A	0.01A

Approvals	Function	Approval No.
ECE	Rear End	R1-E9-02.11294
ECE	Reflector	IA-E9-02.11294

Black Base

White Base

Part Numbers

EU38AMHD - Blister
EU38AMHDB - Bulk
EU38BAMHDB - Black Base/PCB, Bulk

Function	Side Marker and Reflector
Size	100mm x 38mm x 13mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	10cm

Draw	@13.8V	@28V
	0.01A	0.01A

| Approvals	Function	Approval No.
ECE	Side Marker	SM1-E9-00.1304
ECE	Reflector	IA-E9-02.1304

Black Base

White Base

Part Numbers

EU38WMHD - Blister
EU38WMHDB - Bulk
EU38BWMHDB - Black Base/PCB, Bulk

Function	Front End Outline Marker and Reflector
Size	100mm x 38mm x 13mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	10cm

Draw	@13.8V	@28V
	0.01A	0.01A

Approvals	Function	Approval No.
ECE	Front End	A-E9-02.11340
ECE	Reflector	IA-E9-02.11340

Fitting Instructions and Technical Drawings

Drill a 10mm hole for the cable. Pull the sheathed cable through the hole. Remove the protective film from the 3M tape. Line up the lamp and press firmly. The lamp is held securely with the high quality 3M tape. Please refer to ADR 13/00 for mounting instructions.

13mm

100mm

38mm
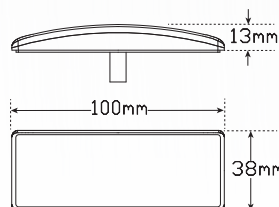
1004 Series
Stalk Lamps
Surface Mount

- Popular Truck Style
- Rubber Housing
- 5 Year Warranty

12 – 24 Multivolt   **ADR Approved**   **IP67 Rated**

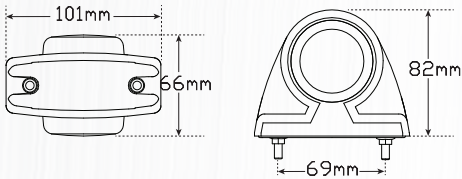| Function	Side Marker
Size	101mm x 66mm x 82mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	40cm

Draw	@13.8V	@28V
Red	0.03A	0.06A
Amber	0.04A	0.06A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	43129

Part Numbers

1004ARM – Blister
1004ARMB – Bulk

Fitting Instructions
and Technical Drawings

Fix to flat surface, amber facing forward and red facing to the rear with two bolts supplied. Please refer to ADR 13/00 for mounting instructions.

101mm / 66mm / 82mm / 69mm

Function	Side Marker
Size	193mm x 169mm x 66mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	40cm from lens

Draw	@13.8V	@28V
Red	0.03A	0.06A
Amber	0.04A	0.06A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	43129

Part Number
1004R – Right Side, Bulk

Part Number
1004L – Left Side, Bulk

Fitting Instructions
and Technical Drawings

Fix to flat surface, amber facing forward and red facing to the rear with two bolts supplied. Please refer to ADR 13/00 for mounting instructions.

169mm / 66mm / 193mm
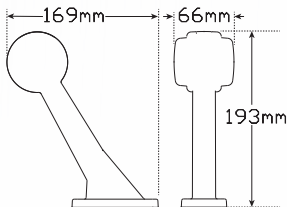
Harness System Marker Cables, Plugs, Connectors

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

**DG AS2809** Dangerous Goods | **IP68** Tested | **RoHS** Compliant

Adaptable Cables and Plugs of the Marker Lamps Series to suit the Heavy Duty Truck Harness System

The heavy duty truck harness system has provisions for multiple marker lamps. Simply plug in the marker lamp adapter plug into the harness system, then run a 2 core cable to adapt a marker lamp, if you require a second marker lamp then add the 2 core splitter 2P3WB for an extra cable to connect the lamp.

All connectors have covers available for a secure fitment of the cables insuring Dangerous Goods Rating AS2809.

Dual Marker Lamp Splitter

The 7CMFB is a splitter from the 7 Core cable that powers both the left and right marker lamps, the 7CMFB is a dual splitter at right angles to the 7 Core cable. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
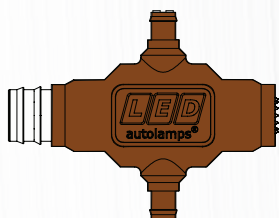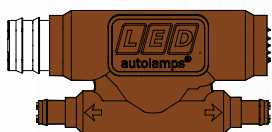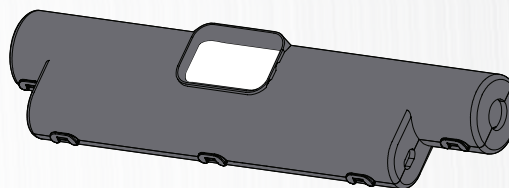
Part No. 7CMFB Plug Dimension
Width 60mm, Length 78mm
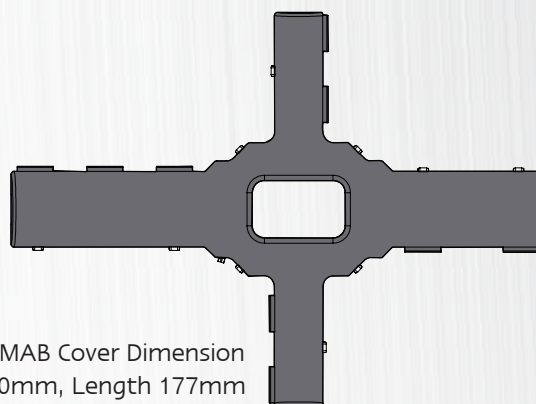
Part No. CMAB Cover Dimension
Width 130mm, Length 177mm

Dual Marker Lamp Splitter

The 7CFFB is a splitter that runs parallel with the 7 Core cable and powers both the left and right marker lamps, the 7CFFB is a dual splitter inline to the 7 Core cable. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.

Part No. 7CFFB Plug Dimension
Width 37mm, Length 78mm

Part No. CMBBB Cover Dimension
Width 44mm, Length 177mm

Marker Lamp Splitter (Inline)

The 7CFB plug is a splitter that runs parallel with the 7 Core cable and powers the marker lamps. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
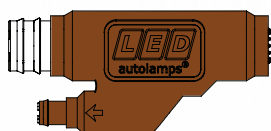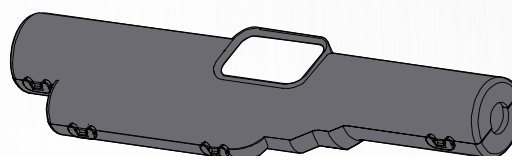
Part No. 7CFB Plug Dimension
Width 37mm, Length 78mm

Part No. CMBB Cover Dimension
Width 44mm, Length 177mm

Marker Cables, Plugs Connectors

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods   **IP68** Tested   **RoHS** Compliant

Cable Lengths with Male and Female Plugs, use when adding 2 core cable lamps

2PMF.25B — 25 centimetres
2PMF.5B — 50 centimetres
2PMF1B — 1 metre
2PMF1.5B — 1.5 metres
2PMF2B — 2 metres
2PMF2.5B — 2.5 metres
2PMF3B — 3 metres
2PMF4B — 4 metres
2PMF5B — 5 metres

Cable Lengths with Female Plugs and bare wires, use when adding other brands

2PF.25B — 25 centimetres
2PF.5B — 50 centimetres
2PF1B — 1 metre
2PF2B — 2 metres
2PF3B — 3 metres

2 Core Splitter Plug

The 2P3WB is a plug that splits the marker cable into two, this allows the fitter to add as many marker lamps as required, always align the arrows on the plugs to ensure the correct connection. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.

Part No. 2P3WB
To be used when more than one Marker lamp is required.

Part No. 2P3CB
Cover for the 2P3W.
Width 35mm Length 126mm

2 Core cable and plug to RHS Marker Lamps
7 Core cable and plug from front of vehicle
7 Core cable and plug to rear of vehicle
7CMFB
2 Core cable and plug to LHS Marker Lamps

Marker splitter when a marker lamp is required from the 7 Core cable
2 Core cable for extra Marker Lamps
Part Number 2P3WB
Part Number 7CFB
7 Core cable
7 Core cable
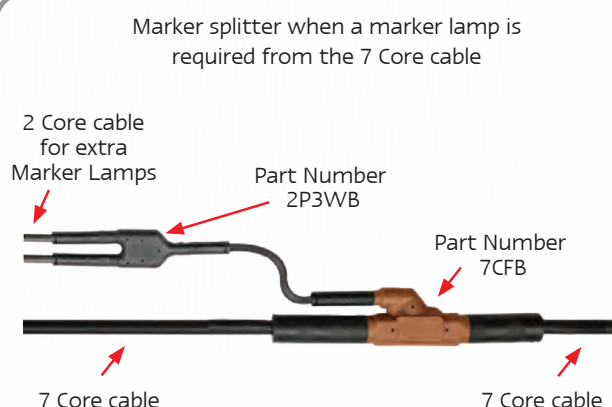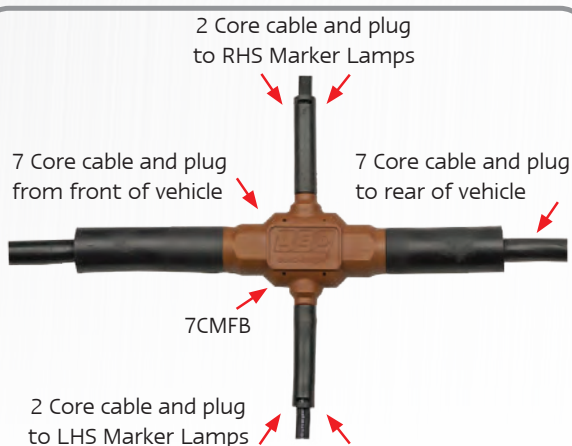
Harness System Marker Lamps

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods **IP67** Tested **RoHS** Compliant

Function	Amber/Red Side Marker, Rear End Outline, Side Direction, Front End Outline			**Size** 50mm x 25mm x 21mm
Part No	5025ARMCSB	5025RMCSB	5025AMCSB	5025WMCSB
Cable	200mm	200mm	200mm	200mm
Packaging	Bulk	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 38 or visit our website.

Function	Amber/Red Side Marker, Rear End Outline, Side Direction, Front End Outline			**Size** 58mm x 35mm x 21mm
Part No	58ARMCSB	58RMCSB	58AMCSB	58WMCSB
Cable	200mm	200mm	200mm	200mm
Packaging	Bulk	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 37 or visit our website.

Function	Amber/Red Side Marker, Rear End Outline, Side Direction, Front End Outline			**Size** 70mm x 35mm x 20mm
Part No	37ARMCSB	37RMCSB	37AMCSB	37WMCSB
Cable	200mm	200mm	200mm	200mm
Packaging	Bulk	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 34 or visit our website.

Function	Amber/Red Side Marker, Rear End Outline, Side Direction, Front End Outline			**Size** 74mm x 38mm x 35mm
Part No	42ARMCSB	42RMCSB	42AMCSB	42WMCSB
Cable	200mm	200mm	200mm	200mm
Packaging	Bulk	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 35 or visit our website.

Harness System Marker/Licence Plate Lamps

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods | **IP67** Tested | **RoHS** Compliant

Function	Amber/Red Side Marker, Rear End Outline, Side Direction, Front End Outline with Reflector			**Size** 135mm x 38mm x 22mm
Part No	38ARMCSB	38RMCSB	38AMCSB	38WMCSB
Cable	200mm	200mm	200mm	200mm
Packaging	Bulk	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 40 or visit our website.

Function	Rear End Outline, Side Marker, Front End Outline with Inbuilt Reflector		**Size** 100mm x 38mm x 13mm
Part No	EU38RMCSB	EU38AMCSB	EU38WMCSB
Cable	200mm	200mm	200mm
Packaging	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 46 or visit our website.

Function	Rear End Outline, Side Marker, Front End Outline		**Size** 28mm Round x 5mm
Part No	181RMCSB	181AMCSB	181WMCSB
Cable	200mm/Plug	200mm/Plug	200mm/Plug
Packaging	Bulk	Bulk	Bulk

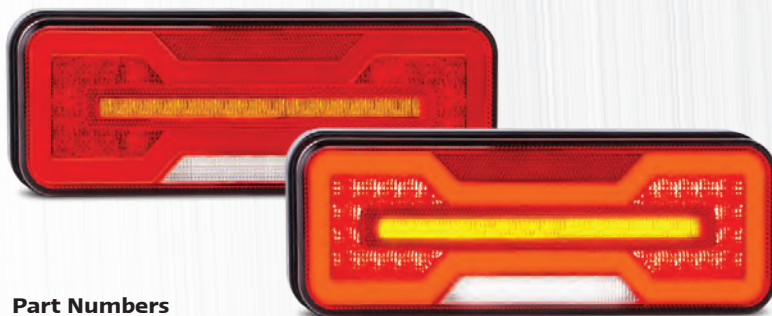For Technical Information and Specifications Refer to Page 42 or visit our website.

Function	Licence Plate Lamp	**Size** 70mm x 42mm x 40mm	Licence Plate Lamp	**Size** 76mm x 42mm x 30mm
Part No	41BLMCSB		35BLMCSB	
Cable	200mm		200mm	
Packaging	Bulk		Bulk	

For Technical Information and Specifications Refer to Page 138-139 or visit our website.

51

284 SERIES SEQUENTIAL
SMALL TRAY & TRUCK SERIES

The European inspired design 284 series rear combination lamps are our latest addition to the rear function range. Intensified by a diffused tail light is a sequential indicator that lights up in a dynamic sequence. These lamps also offer a stop function as well as a reverse lamp and neatly positioned within the design an inbuilt reflex reflector all cleverly blended together in one compact unit. Exclusively available from LED, these lamps are ECE Australian road approved as well as EMC protected.

- **LED Exclusive Product**
- **Shock, Dust & Water Proof**
- **5 Year Warranty**

Function	Stop/Tail/Indicator/Reverse/Reflector
Size	284mm x 100mm x 37mm
Voltage	Multivolt 10-30V
LED Qty	TBA
Cable	28cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.18A	0.14A	0.30A	0.14A
@28V	0.08A	0.07A	0.15A	0.08A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.TBA
ECE	Indicator	2a-E9-01.TBA
ECE	Reverse	AR-E9-00.TBA
ECE	Reflector	1a-E9-02.TBA

Part Numbers

284ARWM-2 - Twin Blister
284ARWLMB - LHS, Bulk
284ARWRMB - RHS, Bulk

PUSH FUNCTION

Function
Simulator
Button

LED autolamps®
Stop/Tail/Indicator & Reverse Lamps
with Reflex Reflector

Diffused Tail Function

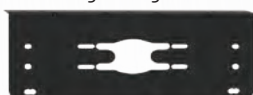SEQUENTIAL INDICATORS

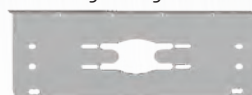### Fitting Instructions and Technical Drawings

Surface mount using bolts in back of lamp, run wire and plug through 10mm hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.
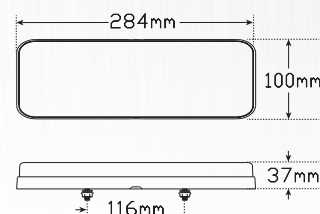
Black Right Angle Bracket

Part No. 80B3SKT

Silver Right Angle Bracket

Part No. 80C3SKT

284mm
100mm
37mm
116mm

223 SERIES
SMALL TRAY & TRUCK SERIES

Featuring an innovative multi-fit design with the ability to adjust your screw down positions, making it ideal for older installations with existing predrilled holes. This addition makes these lamps either a direct replacement to same shaped older styled lights or perfect for any new trailer installation. Manufactured tough for heavy-duty applications using high impact plastics with solid-state circuitry, and with IP67 ingress protection. Supplied with a sound five-year warranty guarantees you peace of mind with years of trouble-free service.
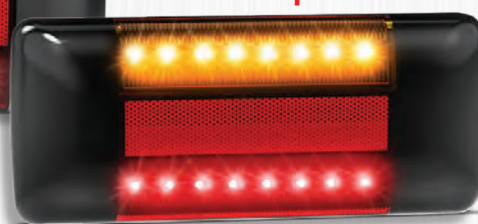
12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Black Chrome End Caps
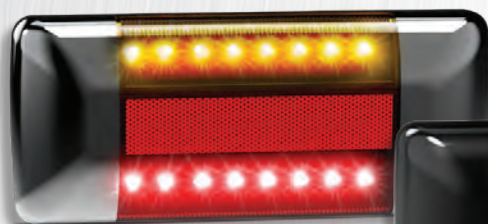
Part Number
223CARM2 - Twin Blister

Black End Caps

Part Number
223BARM2 - Twin Blister

Function	Stop/Tail/Indicator/Reflector
Size	223mm x 96mm x 25mm
Voltage	Multivolt 12-24V
LED Qty	16
Cable	30cm

Draw	Stop	Tail	Indicator
@13.8V	0.15A	0.01A	0.18A
@28V	0.10A	0.04A	0.25A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	50385
ADR	Indicator	6/00/2a	50423
ADR	Reflector	47/00	50384

Fitting Instructions and Technical Drawings

The screw covers on the left and right side of the lamp have been supplied not clipped-in for ease of installation. Once the lamps have been mounted using the screws provided, simply clip the covers in place. Important Note: If the screw covers ever need to be removed after installation, locate the cover slots as marked on the drawing below, carefully insert only the tip of a standard 5mm flat screw driver into a slot, and lever slightly with the screw driver to release the cover from the lamp.
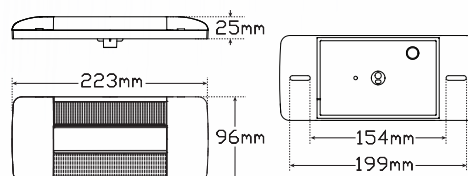
25mm
223mm
96mm
154mm
199mm

Maxilamp Series
Small Truck/Tray
Bolt on Fitting

- Chrome or Black Chrome
- Intense Light Output
- 7 Year Warranty

12 – 24 Multivolt **ECE Approved** **IP67 Rated**

Function	Stop/Tail/Indicator/Reflector
Size	125mm Round x 40mm
Voltage	Multivolt 12-24V
LED Qty	30
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	0.34A	0.07A	0.37A
@28V	0.17A	0.06A	0.16A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-01.6445
ECE	Indicator	2a-E9-01.6445
ECE	Reflector	1a-E9-02.6445

Part Number
Maxilamp1XC - Blister

Function	Stop/Tail/Indicator/Reflector
Size	125mm Round x 40mm
Voltage	Multivolt 12-24V
LED Qty	30
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	0.34A	0.07A	0.37A
@28V	0.17A	0.06A	0.16A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-01.6445
ECE	Indicator	2a-E9-01.6445
ECE	Reflector	1a-E9-02.6445

Part Numbers
MaxilampC1XCE - Blister
MaxilampC1XCE3M - 3M Tape, Bulk

Function	Reverse/Reflector
Size	125mm Round x 40mm
Voltage	Multivolt 12-24V
LED Qty	30
Cable	40cm

Draw	Reverse
@13.8V	0.39A
@28V	0.23A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1152
ECE	Reflector	1a-E9-02.6445

Part Number
Maxilamp1XCWE - Blister

Fitting Instructions and Technical Drawings

Mount onto flat surface with bolts or 3M tape depending on product choice. The bolts have been tested to a torque breaking strain of 140±10 Kg-cm. Please refer to ADR 13/00 for mounting instructions.
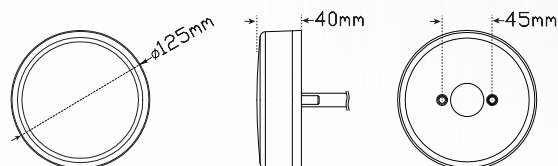
ø125mm ←40mm ←45mm

Maxilamp Series
Small Truck/Tray
Bolt on Fitting

- Chrome or Black Chrome
- Intense Light Output
- 7 Year Warranty

12 – 24 Multivolt   **ECE Approved**   **IP67 Rated**

Part Number
Maxilamp1XRE - Blister

Function	Stop/Tail/Indicator/Reflector
Size	125mm Round x 40mm
Voltage	Multivolt 12-24V
LED Qty	30
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	0.34A	0.07A	0.37A
@28V	0.17A	0.06A	0.16A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.6445
ECE	Indicator	2a-E9-01.6445
ECE	Reflector	1a-E9-01.1472

Part Number
MaxilampC1XRE - Blister

Function	Stop/Tail/Indicator/Reflector
Size	125mm Round x 40mm
Voltage	Multivolt 12-24V
LED Qty	30
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	0.34A	0.07A	0.37A
@28V	0.17A	0.06A	0.16A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.6445
ECE	Indicator	2a-E9-01.6445
ECE	Reflector	1a-E9-01.1472

82 TRIPLE SERIES
SMALL TRAY & TRUCK SERIES

The 82 Series lamps are our newest and most flexible product line for unique lighting combinations. With over 12 individual parts allowing customers to pick and choose the lamp combination that suits their needs best. Mounting lamps as individuals or as a combination is a breeze with the 3M mounting tape on the rear of the lamps.

- No Visible Screws
- Low Profile Design
- 5 Year Warranty

Multivolt Available   **12 Volt** Only   **ECE** Approved   **IP67** Rated

Screw on Bracket
Easy to Fit Lens
3M Tape Design

Coloured Lens Design

Part Numbers
82BARR   - 12V, Blister
82BARRMB   - 12-24V, Bulk

Part Numbers
82BARW   - 12V, Blister
82BARWMB   - 12-24V, Bulk

Clear Lens Design

Part Numbers
82CARR   - 12V, Blister
82CARRMB   - 12-24V, Bulk

Part Numbers
82CARW   - 12V, Blister
82CARWMB   - 12-24V, Bulk

Function	Stop/Tail/Indicator
Size	281mm x 101mm x 30mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	32
Cable	30cm

Draw	Stop	Tail	Ind
@13.8V	0.10A	0.02A	0.19A
@28V	0.06A	0.02A	0.08A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22499*00
ECE	Indicator	E9*6R01/29*22319*00

Function	Stop/Tail/Indicator/Reverse
Size	281mm x 101mm x 30mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	32
Cable	30cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.10A	0.02A	0.19A	0.24A
@28V	0.06A	0.002A	0.08A	0.13A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22499*00
ECE	Indicator	E9*6R01/29*223119*00
ECE	Reverse	E9*23R00/22*22127*00

Fitting Instructions and Technical Drawings

Horizontally mount bracket onto flat surface with screws provided, ensure correct side is facing top. Remove backing from 3M tape on back of lens, run wires through desired centre hole and align the locator nodule on edge of lens with the corresponding indentation on bracket. Apply firm hand pressure to ensure lamp adhesion. Repeat for each lens until all are installed securely. Please refer to ADR 13/00 for mounting instructions.

281mm
101mm
230mm
30mm

355 SEQUENTIAL SERIES
SMALL TRAY & TRUCK SERIES

The striking smooth angular lines of the new 355 series lamps will not only enhance your vehicle or trailer but make you stand out from the rest. A diffused tail light intensifies them with extremely bright sequential indicators that light up in a slick, dynamic sequence. They come standard with stop/tail/Indicator and reverse functions as well as a purpose inbuilt reflex reflector.

- No Visible Screws
- Low Profile Design
- 5 Year Warranty

12-24 Multivolt

ECE Approved

IP67 Rated

Part Number
355ARWM-2 - Twin Blister LHS/RHS
355ARWMLB - LHS, Bulk
355ARWMRB - RHS, Bulk

Diffused Tail Function

Stop Function

Reverse Function

Function	Stop/Tail/Ind/Reverse/Reflector
Size	355mm x 85mm x 34mm
Voltage	Multivolt 12-24V
LED Qty	63
Cable	30cm

Draw	Stop	Tail	Ind	Rev
@13.8V	TBA	TBA	TBA	TBA
@28V	TBA	TBA	TBA	TBA

Approvals	Function	Approval No.
ECE	Stop/Tail	TBA
ECE	Indicator	TBA
ECE	Reverse	TBA

SEQUENTIAL INDICATORS

Fitting Instructions and Technical Drawings

Surface mount using bolts in back of lamp, run wire and plug through 10mm hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.
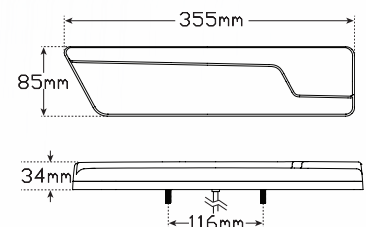
Black Right Angle Bracket
Part No. 80B3SKT

Silver Right Angle Bracket
Part No. 80C3SKT

355mm
85mm
34mm
116mm

280/275 Series
Small Tray/Truck
Bolt on Fitting

- Built in Reflex Reflectors
- Shock, Dust & Water Proof
- 5 Year or Lifetime Warranty

12 – 24 Multivolt **ADR/ECE Approved** **IP67 Rated**

Most popular lamp of its size.
Great for fleets as this design in 3 sizes

Function	Stop/Tail/Indicator
Size	282mm x 95mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	36
Cable	1.2m

Draw	Stop	Tail	Ind
@13.8V	0.30A	0.04A	0.14A
@28V	0.22A	0.06A	0.11A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11544
ECE	Indicator	2a-E9-01.11545

Part Numbers
280ARRM - Blister
280ARRMB - Bulk
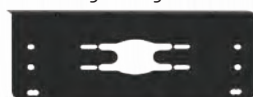
Red Reflex Reflector Included with Blister

Function	Stop/Tail/Indicator/Reverse
Size	282mm x 95mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	36
Cable	1.2m

Draw	Stop	Tail	Ind	Rev
@13.8V	0.15A	0.02A	0.14A	0.17A
@28V	0.11A	0.03A	0.11A	0.13A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11544
ECE	Indicator	2a-E9-01.11545
ECE	Reverse	AR-E9-00.1207

Part Numbers
280ARWM - Blister
280ARWMB - Bulk

Red Reflex Reflector Included with Blister

Black Right Angle Bracket
Silver Right Angle Bracket

Part No. 80B3SKT
Part No. 80C3SKT

282mm
28mm
116mm
95mm

Function	Stop/Tail/Indicator/Reverse/ Reflector
Size	275mm x 100mm x 33mm
Voltage	Multivolt 12-24V
LED Qty	72
Cable	20cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.23A	0.04A	0.22A	0.16A
@28V	0.12A	0.04A	0.12A	0.09A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	43223
ADR	Indicator	6/00/2a	43221
ADR	Reverse	1/00	43222
ADR	Reflector	02 1A	1472
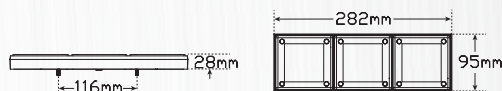
Part Numbers
275GARWM - Blister
275GARWMB - Bulk

Black Right Angle Bracket
Silver Right Angle Bracket

Part No. 80B3SKT
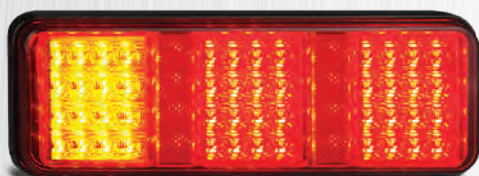Part No. 80C3SKT

275mm
33mm
100mm
100mm
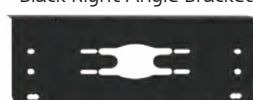
283 Series
Bracket Mount
Clip in Lamp

- New Design
- Multiple Fitting
- 5 Year Warranty

12 Volt Only   **12 – 24** Multivolt   **ADR** Approved

Function	Stop/Tail/Indicator/Reflector
Size	283mm x 100mm x 25mm
Voltage	12 Volt or Multivolt 12-24V
LED Qty	48
Cable	30cm

Draw	Stop	Tail	Ind
@13.8V	0.24A	0.03A	0.27A
@28V	0.12A	0.02A	0.14A

Approvals	Function	Category	CRN
ADR	Stop	49/00	49520
ADR	Tail	49/00	49534
ADR	Indicator	6/00/2a	49536
ADR	Reflector	47/00	50260

Part Numbers
283ARRM - 12-24V, Blister
283ARR12B - 12V, Bulk

Function	Stop/Tail/Indicator/Reverse/Reflector
Size	283mm x 100mm x 25mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	30cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.24A	0.03A	0.27A	0.17A
@28V	0.12A	0.02A	0.14A	0.10A

Approvals	Function	Category	CRN
ADR	Stop	49/00	49520
ADR	Tail	49/00	49534
ADR	Indicator	6/00/2a	49536
ADR	Reverse	1/00	49519
ADR	Reflector	47/00	50260

Part Number
283ARWM - Blister

Flexible Mounting Choices with Screw or Bolt on Options

Black Right Angle Bracket

Silver Right Angle Bracket

Part No. 80B3SKT

Part No. 80C3SKT

Insert a flat screwdriver between the lamp and base and carefully lever the base away from the lamp until it releases. You will need to lever from both sides of the long edge. After fitting the base using the screw or bolt option simply reposition the lamp in the base and gently push until it clicks into place.
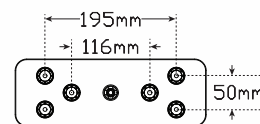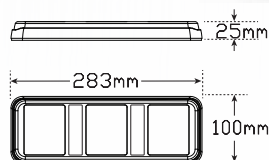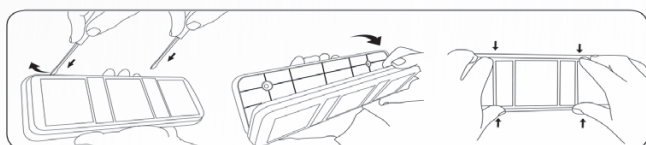
25mm

283mm

100mm

195mm

116mm

50mm

250 Series
Small Truck/Tray
Bolt on Fitting

- High Brightness LEDs
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt **ADR/ECE Approved** **IP67 Rated**

Function	Stop/Tail/Indicator/Reverse/Reflector
Size	250mm x 80mm x 24mm
Voltage	Multivolt 12-24V
LED Qty	33
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.04A	0.32A	0.32A	0.24A
@28V	0.17A	0.03A	0.17A	0.13A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.6461
ECE	Indicator	2a-E9-01.6461
ECE	Reverse	AR-E9-00.6461
ECE	Reflector	1a-E9-02.6461

Part Number
250ARWM - Blister

Black Right Angle Bracket

Silver Right Angle Bracket

Part No. 80B3SKT

Part No. 80C3SKT

250mm
24mm
200mm
80mm

---

282 Series
New One Piece Design
Bolt on Fitting

Bubble Diamond Lens Pattern

Part Numbers
282ARRM - Blister
282ARRMB - Bulk

Function	Stop/Tail/Indicator
Size	284mm x 100mm x 27mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	20cm

Draw	Stop	Tail	Ind
@13.8V	0.35A	0.04A	0.30A
@28V	0.07A	0.12A	0.19A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	47008
ADR	Indicator	6/00/2a	47015

Part Numbers
282ARWM - Blister
282ARWMB - Bulk

Function	Stop/Tail/Indicator/Reverse
Size	284mm x 100mm x 27mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	20cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.35A	0.04A	0.30A	0.36A
@28V	0.07A	0.12A	0.19A	1.04A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11736
ECE	Indicator	2a-E9-01.11736
ECE	Reverse	AR-E9-00.11736

Black Right Angle Bracket
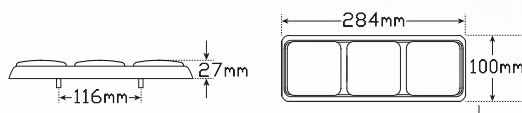
Silver Right Angle Bracket

Part No. 80B3SKT

Part No. 80C3SKT

284mm
27mm
116mm
100mm

80 Series
Bracket Mount
Clip in Lens

- Original Design
- 17 Years in Production
- 5 Year Warranty

12 – 24 Multivolt   **12 Volt Only**   **ADR Approved**

Part Numbers
80BARR   - 12V, Blister
80BARRM - 12-24V, Blister

Function	Stop/Tail/Indicator		
Size	278mm x 100mm x 28mm		
Voltage	12 Volt Only or Multivolt 12-24V		
LED Qty	108		
Cable	40cm		

Draw	Stop	Tail	Indicator
@13.8V	0.33A	0.06A	0.29A
@28V	0.25A	0.04A	0.22A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33059
ADR	Indicator	6/00 2a	33098

Chrome Bracket Available

Part Number
80B3CB - Bulk

Function	Stop/Tail/Indicator/Reverse			
Size	278mm x 100mm x 28mm			
Voltage	12 Volt Only or Multivolt 12-24V			
LED Qty	97			
Cable	40cm			

Draw	Stop	Tail	Ind	Rev
@13.8V	0.33A	0.06A	0.29A	0.31A
@28V	0.24A	0.07A	0.23A	0.17A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33059
ADR	Indicator	6/00/2a	33098
ADR	Reverse	1/00	35797

Part Numbers
80BARW   - 12V, Blister
80BARWM - 12-24V, Blister

Black Right Angle Bracket

Silver Right Angle Bracket

Part No. 80B3SKT

Part No. 80C3SKT

278mm
28mm
100mm

Bolt on Fitting

Part Number
80BARRWM - Blister

Function	Stop/Tail/Indicator/Reverse			
Size	350mm x 105mm x 48mm			
Voltage	Multivolt 12-24V			
LED Qty	133			
Cable	40cm			

Draw	Stop	Tail	Ind	Rev
@13.8V	0.33A	0.06A	0.29A	0.31A
@28V	0.25A	0.04A	0.22A	0.21A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33059
ADR	Indicator	6/00 2a	33098
ADR	Reverse	1/00	35797

Fitting Instructions and Technical Drawings

Triple - Surface mount bracket, run wires through back and clip lens into place. **Quad** - Horizontally mount bracket onto flat surface with bolts at back of assembly.

350mm
48mm
256mm
105mm
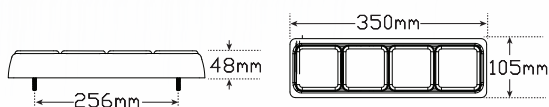
275 Series
Small Tray/Truck
Bolt on Fitting

- High Brightness LEDs
- Shock, Dust & Water Proof
- 5 Year or Lifetime Warranty

ADR/ECE Approved | **IP67** Rated | **EMC/R10** Approved

Original Design
12 Years in Production

LIFETIME WARRANTY

Part Number
275ARM - Blister

HARNESS SYSTEM COMPATIBLE

Function	Stop/Tail/Ind/Reflector		
Size	275mm x 100mm x 22mm		
Voltage	Multivolt 12-24V		
LED Qty	16		
Cable	30cm with plug		

Draw	Stop	Tail	Ind
@13.8V	0.14A	0.07A	0.10A
@28V	0.11A	0.05A	0.12A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	38658
ADR	Indicator	6/00/2a	38657
ADR	Reflector	47/00	38102

Economical Design
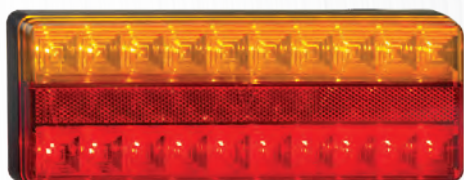
Part Numbers
275AR - 12V, Blister
275ARB - 12V, Bulk
275MAR - 12-24V, Blister

Function	Stop/Tail/Ind/Reflector		
Size	275mm x 100mm x 22mm		
Voltage	12 Volt or Multivolt 12-24V		
LED Qty	20		
Cable	30cm		

Draw	Stop	Tail	Ind
@13.8V	0.23A	0.04A	0.22A
@28V	0.12A	0.04A	0.12A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	47914
ADR	Indicator	6/00 2A	47865
ADR	Reflector	47/00	49300

Economical Design
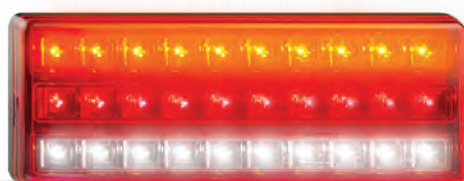
Part Numbers
275ARW - 12V, Blister
275ARWB - 12V, Bulk
275ARWM - 12-24V, Blister
275ARWMB - 12-24V, Bulk

Function	Stop/Tail/Ind/Reverse			
Size	275mm x 100mm x 22mm			
Voltage	12 Volt or Multivolt 12-24V			
LED Qty	30			
Cable	30cm			

Draw	Stop	Tail	Ind	Rev
@13.8V	0.21A	0.34A	0.12A	0.23A
@28V	0.10A	0.02A	0.06A	0.10A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22169*00
ECE	Indicator	E9*6R01/28*22169*00
ECE	Reverse	E9*23R00/22*22169*00

Part No. 80B3SKT
Right Angle Black Bracket

Part No. 80C3SKT
Right Angle Silver Bracket

22mm
115mm

275mm
100mm
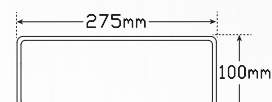
135 Series
Small Tray/Truck
Mounting Bracket

- Asymmetric Design
- Low Profile Design
- 5 Year Warranty

12 – 24 Multivolt **ECE Approved** **IP67 Rated**

Part Number
135CARWM2 - Twin Blister

Function	Stop/Tail/Indicator/Reverse
Size	470mm x 70mm x 30mm
Voltage	Multivolt 12-24V
LED Qty	24
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.11A	0.02A	0.16A	0.23A
@28V	0.08A	0.02A	0.06A	0.19A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	39848
ADR	Indicator	6/00/2a	39845
ADR	Reverse	1/00	39849

Part Number
135CARRM2 - Twin Blister
135CARRM - Single Bulk

Function	Stop/Tail/Indicator
Size	470mm x 70mm x 30mm
Voltage	Multivolt 12-24V
LED Qty	24
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	0.11A	0.02A	0.16A
@28V	0.08A	0.02A	0.06A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	39848
ADR	Indicator	6/00/2a	39845

Fitting Instructions and Technical Drawings

Horizontally mount using fixing points. Refer to ADR 13/00 for mounting instructions.

10mm | 470mm | 70mm | 175mm | 175mm | 30mm
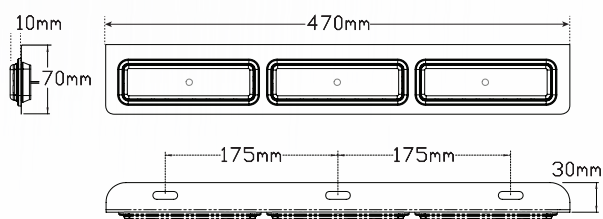
235 Series
Bracket Mount
Screw Secured

- Slimline, Low Profile Design
- Clear Lens, Coloured LEDs
- 5 Year Warranty

ADR Approved **IP67** Rated **EMC/R10** Approved

Part Number
235BAR12 - Blister

Part Number
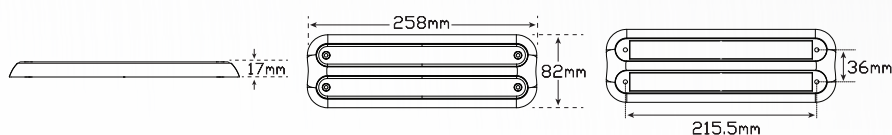**235CAR12** - Blister

Part Number
235CCAR12 - Blister

Function	Stop/Tail/Indicator
Size	258mm x 82mm x 17mm
Voltage	12 Volt Only
LED Qty	20
Cable	40cm

Draw @13.8V	Stop	Tail	Indicator
	0.14A	0.04A	0.16A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	37678
ADR	Indicator	6/00/2a	39092

Fitting Instructions, and Technical Drawings

Horizontally mount on to flat surface using screws provided, run wire through hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

258mm 17mm 82mm 36mm 215.5mm

380 Series
Bracket Mount
Screw Secured

- Slimline, Low Profile Design
- Bracket Surface Mount
- 5 Year Warranty

ADR Approved **IP67** Rated **EMC/R10** Approved

Part Number
380BAR12 - Blister

Part Number
380CAR12 - Blister

Part Number
380CCAR12 - Blister

Function	Stop/Tail/Indicator
Size	428mm x 97mm x 17mm
Voltage	12 Volt Only
LED Qty	36
Cable	40cm

Draw @13.8V	Stop	Tail	Indicator
	0.16A	0.04A	0.18A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	39473
ADR	Indicator	6/00/2a	39470

Fitting Instructions, and Technical Drawings

Horizontally mount on to flat surface using screws provided, run wire through hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

17mm

428mm
97mm

Bracket without lamp installed
36mm
361mm
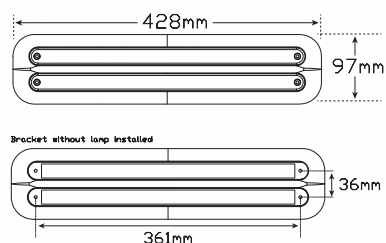
125/J3 Series
Medium Truck/Trailer
Bolt on Fitting

- Popular Size
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated
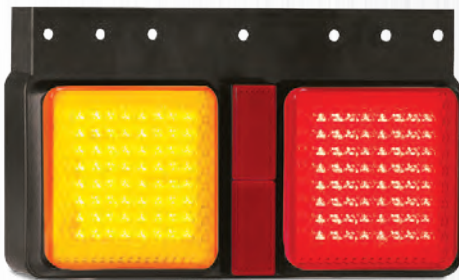
Part Numbers
125BARML - Left Hand Side, Bulk
125BARMR - Right Hand Side, Bulk

Function	Stop/Tail/Indicator/Reflector
Size	340mm x 200mm x 60mm
Voltage	Multivolt 12-24V
LED Qty	128
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.42A	0.04A	0.43A
@28V	0.26A	0.06A	0.26A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33403
ADR	Indicator	6/00 2a	33165
ADR	Reflector	47/00	38102

Bracket Contains
Multiple Fitting Points

340mm · 200mm · 60mm
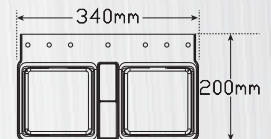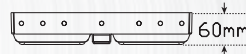
Part Number
J2BARM - Blister

Function	Stop/Tail/Indicator/Reflector
Size	400mm x 130mm x 45mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	120cm

Draw	Stop	Tail	Ind
@13.8V	0.47A	0.04A	0.42A
@28V	0.27A	0.03A	0.28A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	42965
ADR	Indicator	6/00/2a	42964
ADR	Reflector	47/00	42966

400mm · 130mm · 45mm · 300mm
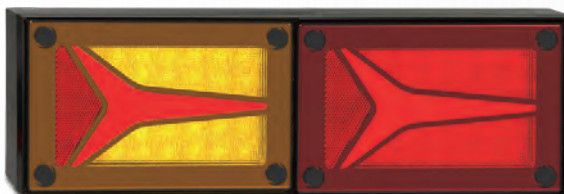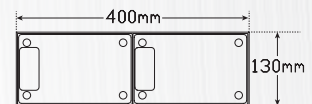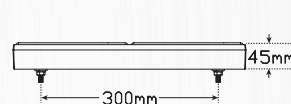
Part Number
595BARM - Blister

Diffused Tail Function

Function	Stop/Tail/Indicator/Reflector
Size	400mm x 130mm x 45mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	10cm

Draw	Stop	Tail	Ind
@13.8V	0.47A	0.04A	0.42A
@28V	0.27A	0.03A	0.28A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	TBA
ADR	Indicator	6/00 2a	TBA
ADR	Reflector	47/00	TBA

400mm · 130mm · 45mm · 300mm

100 Series
Bracket Mount
Clip in Lens

- Original Design
- 17 Years in Production
- 5 Year Warranty

ADR Approved | **12 – 24** Multivolt | **IP67** Rated

Part Number
100BARRM - Blister

Chrome Bracket Available

Part Number
100B3CB - Bulk

Function	Stop/Tail/Indicator
Size	350mm x 120mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	147
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.38A	0.04A	0.38A
@28V	0.24A	0.07A	0.23A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/0	33402
ADR	Indicator	6/00 2a	33156

Part Number
100BARWM - Blister

Chrome Bracket Available

Part Number
100B3CB - Bulk

Function	Stop/Tail/Indicator/Reverse
Size	350mm x 120mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	147
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.38A	0.04A	0.38A	0.31A
@28V	0.24A	0.07A	0.23A	0.17A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/0	33402
ADR	Indicator	6/00 2a	33156
ADR	Reverse	1/00	35793

Fitting Instructions
and Technical Drawings
Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

31mm

350mm

120mm

290mm
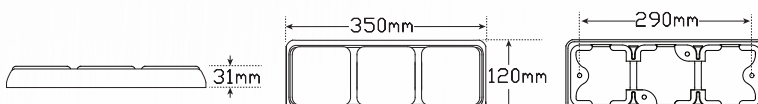
MAXILAMP TRIPLE
MEDIUM TRUCK & TRAILER SERIES

Distinct in its design, the Maxilamp's powerful LED illumination is not only intensely bright but instantly recognizable on the road and is still unsurpassed by the competition. In constant production, for over 11 years, these lamps offer a solid 7-year warranty. They are now sold all over the world, with the single version fitted to the Australian Hawkei military vehicles. Manufactured robustly, IP67 ingress protection, UV resistant hardened acrylic cover, and housing with stainless steel fittings using solid-state LED circuit technology ensure you will have years of trouble-free service.

12 - 24 Multivolt   **ADR/ECE** Approved   **7 Year** Warranty   **IP67** Rated

Part Numbers

MaxilampC3XR	- Blister
MaxilampC3XRB	- Bulk
MaxilampC3XR3M	- 3M Tape Mount, Bulk

Function	Stop/Tail/Ind/Reflector
Size	370mm x 135mm x 40mm
Voltage	Multivolt 12-24V
LED Qty	90
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	0.54A	0.08A	0.77A
@28V	0.27A	0.04A	0.35A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	40963
ADR	Indicator	6/00 2a	40962
ECE	Reflector	1a-E9-02.1472	

Part Numbers

MaxilampC3XRW	- Blister
MaxilampC3XRWB	- Bulk
MaxilampC3XRW3M	- 3M Tape Mount, Bulk

Function	Stop/Tail/Ind/Rev/Reflector
Size	370mm x 135mm x 40mm
Voltage	Multivolt 12-24V
LED Qty	90
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.54A	0.08A	0.77A	0.67A
@28V	0.27A	0.04A	0.35A	0.34A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	40963
ADR	Indicator	6/00 2a	40962
ADR	Reverse	1/00	40961
ECE	Reflector	1a-E9-02.1472	

Fitting Instructions and Technical Drawings

Horizontally mount onto flat surface using bolts or 3M tape depending on which product choice, run wire through hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.
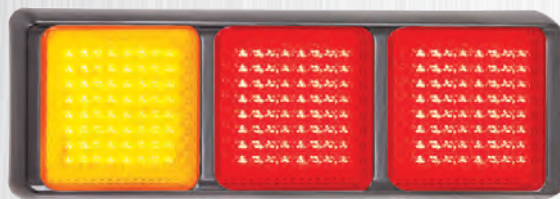
40mm
269mm
370mm
135mm

100/125 Series
Bracket Mount
Clip in Lens

- Original Design
- 17 Years in Production
- 5 Year Warranty
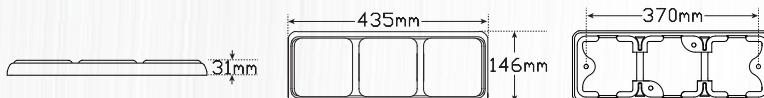
12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Stop/Tail/Indicator
Size	435mm x 146mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	147
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.42A	0.04A	0.43A
@28V	0.26A	0.06A	0.25A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/0	33403
ADR	Indicator	6/00/2a	33165
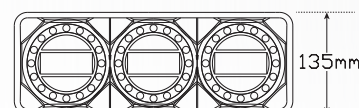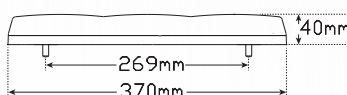
Part Number

125BARRM - Blister

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.
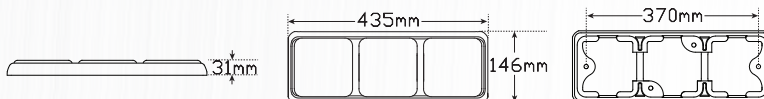
31mm | 435mm | 146mm | 370mm


Function	Stop/Tail/Indicator/Reverse
Size	435mm x 146mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	153
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.42A	0.04A	0.43A	0.36A
@28V	0.26A	0.06A	0.50A	0.18A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33403
ADR	Indicator	6/00/2a	33165
ADR	Reverse	1/00	35794

Part Number

125BARWM - Blister

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

31mm | 435mm | 146mm | 370mm

Bolt on Fitting

Function	Stop/Tail/Indicator/Reverse
Size	430mm x 125mm x 50mm
Voltage	Multivolt 12-24V
LED Qty	196
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.38A	0.04A	0.38A	0.29A
@28V	0.24A	0.07A	1.23A	0.17A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33402
ADR	Indicator	6/00 2a	33156
ADR	Reverse	1/00	35793

Part Number

100BARRWM - Blister

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

50mm | 430mm | 125mm | 153mm
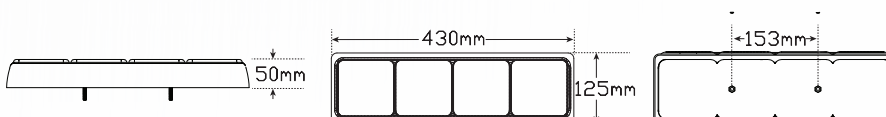
385 SEQUENTIAL SERIES
MEDIUM TRUCK & TRAILER SERIES

The new 385 Sequential series, will not only enhance your vehicle or trailer but make you stand out from the rest. Cleverly hidden by the main lamp is an innovative mounting base, which enables a clean surface mounted finish, with no screws visible. Intensified by the diffused tail light are the sequential indicators which light up in a dynamic sequence. Available in two sizes, refer to page 76.

SEQUENTIAL INDICATORS

Bracket Mount Clip on Lamp

12-24V Multivolt | **ECE** Approved | **5 Year** Warranty | **IP67** Rated

Part Numbers
385ARRM-2 - Twin Blister
385ARRMB - Bulk

Function	Stop/Tail/Indicator
Size	387mm x 105mm x 30.5mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	TBA	TBA	TBA
@28V	TBA	TBA	TBA

Approvals	Function	Approval No.
ECE	Stop/Tail	TBA
ECE	Indicator	TBA

Diffused Tail Function & Sequential Indicator

SEQUENTIAL INDICATORS

Part Numbers
385ARWM-2 - Twin Blister
385ARWMLB - LHS, Bulk
385ARWMRB - RHS, Bulk

Function	Stop/Tail/Indicator/Reverse
Size	387mm x 105mm x 30.5mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	TBA	TBA	TBA	TBA
@28V	TBA	TBA	TBA	TBA

Approvals	Function	Approval No.
ECE	Stop/Tail	TBA
ECE	Indicator	TBA
ECE	Reverse	TBA

Diffused Tail Function & Sequential Indicator

SEQUENTIAL INDICATORS

Fitting Instructions and Technical Drawings

Separate the base plate from the lamp and horizontally mount, onto a flat surface using screws provided, ensuring correct side is facing outwards. Run wire through hole in fixing surface then re-align the lamp and clip into the mounting base using light pressure to ensure it sits in place correctly. Please refer to ADR 13/00 for mounting instructions.

387mm
30.50mm
105mm

82 QUAD SERIES
MEDIUM TRUCK & TRAILER SERIES

The 82 Series lamps are our newest and most flexible product line for unique lighting combinations. With over 30 individual part numbers allowing customers to pick and choose the lamp combination that suits their needs best. Mounting lamps as individuals or as a combination is a breeze with the 3M mounting tape on the rear of the lamps.

- No Visible Screws
- Low Profile Design
- 5 Year Warranty

Multivolt *Available* **12 Volt** *Only* **ECE** *Approved* **IP67** *Rated*

Screw on Bracket
Easy to Fit Lens
3M Tape Design

Coloured Lens Design

Part Number
82BARRW - 12V, Blister
82BARRWMB - 12-24V, Bulk

Clear Lens Design

Part Number
82CARRW - 12V, Blister
82CARRWMB - 12-24V, Bulk

Function	Stop/Tail/Ind/Reverse
Size	372mm x 101mm x 30mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	40
Cable	30cm

Draw	Stop	Tail	Ind	Rev
@13.8V	0.10A	0.02A	0.19A	0.24A
@28V	0.06A	0.02A	0.08	0.13A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22499*00
ECE	Indicator	E9*6R01/29*22319*00
ECE	Reverse	E9*23R00/22*22127*00

Fitting Instructions and Technical Drawings

Horizontally mount bracket onto flat surface with screws provided, ensure correct side is facing top. Remove backing from 3M tape on back of lens, run wires through desired centre hole and align the locator nodule on edge of lens with the corresponding indentation on bracket. Apply firm hand pressure to ensure lamp adhesion. Repeat for each lens until all are installed securely. Please refer to ADR 13/00 for mounting instructions.

372mm
30mm
101mm
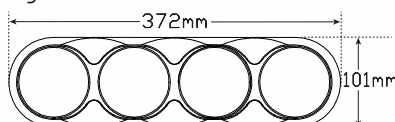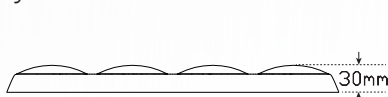
102 SERIES COMBINATIONS
## MEDIUM TRUCK & TRAILER SERIES

The 102 Series lamps offer end users an extensive range of choice to create the perfect rear combination lamp suited to their vehicle. This flexible product line offers multiple options from bracket size; single, twin or triple arrangement, and colour; black, white, or black chrome to suit your fleet.

The lamp options include choices of clear, coloured, or black chrome lenses and lamp voltage, either 12 volt or 12-24 multivolt.

These lamps feature a polycarbonate lens designed for longevity along with 21 high brightness LEDs in each lamp, providing clear signal lighting for surrounding drivers. All of the lamps are ADR Australian Road Approved to maintain your vehicle's roadworthiness and are IP67 rated to protect from any dust or water ingress.

Featured in this article are combinations that you can choose. To order, select your bracket and choose your lamps to suit the bracket. These lamps can also be recess mounted without a bracket.

For more information regarding each individual lamp, visit page 110-111.
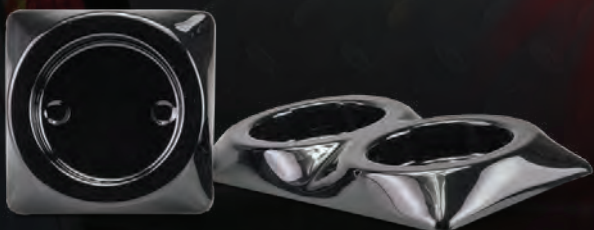
- Flexible Designs
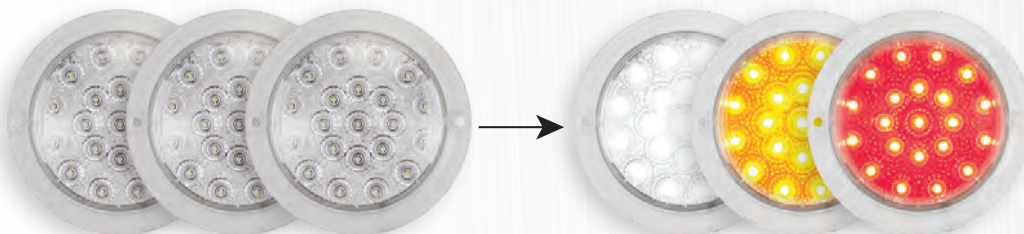- Surface Bases Available
- 5 Year Warranty

12 – 24 Multivolt   **ADR Approved**   **IP67 Rated**

Chrome Clear Inactive Lens

Chrome Clear Active Lens

Part Numbers
102RC - 12V, Bulk
102RCM - 12-24V, Blister
102AC - 12V, Bulk
102ACM - 12-24V, Blister
102W - 12V, Bulk

Function	Stop/Tail/Indicator/Reverse
Voltage	12 Volt Only or Multivolt 12-24V
Cable	36cm Spade Terminals

Draw	Stop	Tail	Ind	Rev
@13.8V	0.31A	0.04A	0.29A	0.15A
@28V	0.19A	0.04A	0.20A	

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	42963
ADR	Indicator	6/00/2a	42832
ADR	Reverse	1/00	42826

Part Number
102W3B - Triple White Bracket

Fitting Instructions and Technical Drawings

Horizontally mount bracket onto flat surface. Run wires through a drilled hole in bracket and mount lamp with supplied screws. Be sure to fit the foam gasket between the bracket and lamp. Repeat for each lens until all are installed securely.

104mm   116mm   130mm   12mm
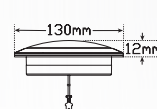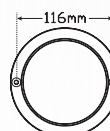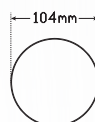
102 Series
Medium Size Truck/Trailer
Rear Combination

- Flexible Designs
- Surface Bases Available
- 5 Year Warranty

ADR Approved
IP67 Rated
12 Volt Only
12 – 24 Multivolt

Coloured Inactive Lens

Coloured Active Lens

Part Numbers
102R - 12V, Bulk
102RM - 12-24V, Blister
102A - 12V, Bulk
102AM - 12-24V, Blister
102W - 12V, Bulk

Part Number
102B1B - Single Black Bracket

Part Number
102B2B - Twin Black Bracket

Function	Stop/Tail/Indicator/Reverse			
Voltage	12 Volt Only or Multivolt 12-24V			
Cable	36cm Spade Terminals			
Draw	**Stop**	**Tail**	**Ind**	**Rev**
@13.8V	0.31A	0.04A	0.29A	0.15A
@28V	0.19A	0.04A	0.20A	

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	42963
ADR	Indicator	6/00/2a	42832
ADR	Reverse	1/00	42826

Part Number
102B3B - Triple Black Bracket

Black Chrome Clear Inactive Lens

Black Chrome Clear Active Lens
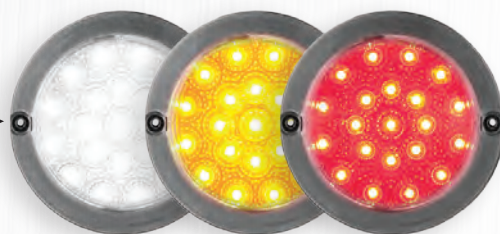
Part Numbers
102RBC - 12V, Bulk
102ABC - 12V, Bulk
102WBC - 12V, Bulk

Function	Stop/Tail/Indicator/Reverse			
Voltage	12 Volt Only			
Cable	36cm Spade Terminals			
Draw	**Stop**	**Tail**	**Ind**	**Rev**
@13.8V	0.31A	0.04A	0.29A	0.15A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	TBA
ADR	Indicator	6/00/2a	TBA
ADR	Reverse	1/00	TBA

Part Number
102B3C - Triple Black Chrome Bracket

149mm / 148mm / 33mm

298mm / 148mm / 33mm

438mm / 148mm / 33mm
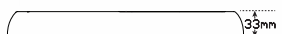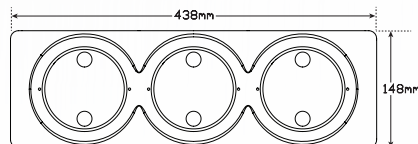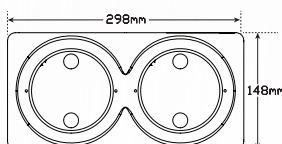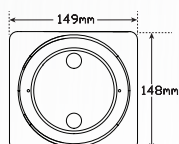
420 Series
Medium Size Truck/Trailer
Bolt on Fitting

- Mini Jumbo Design
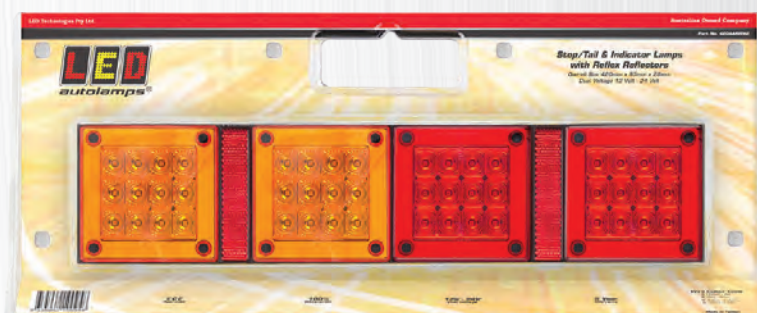- Reflex Reflectors
- 5 Year Warranty

ECE Approved **IP67** Rated **EMC/R10** Approved

Part Number
420AARRM2 - Twin Blister

Function	Stop/Tail/Indicator/Reflector
Size	420mm x 95mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	1.2m

Draw	Stop	Tail	Indicator
@13.8V	0.30A	0.04A	0.28A
@28V	0.22A	0.06A	0.22A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11544
ECE	Indicator	2a-E9-01.11545
ECE	Reflector	Ia-E9-02.1133

Part Number
420ARRWM2 - Twin Blister

Function	Stop/Tail/Indicator/Reverse/Reflector
Size	420mm x 95mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	1.2m

Draw	Stop	Tail	Ind	Rev
@13.8V	0.30A	0.04A	0.14A	0.17A
@28V	0.22A	0.06A	0.11A	0.13A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11544
ECE	Indicator	2a-E9-01.11545
ECE	Reverse	AR-E9-00.1207
ECE	Reflector	Ia-E9-02.1133

Fitting Instructions
and Technical Drawings

Mount onto flat surface horizontally with stainless steel bolts provided in assembly and run cable through 12mm hole. Please refer to ADR 13/00.

28mm
116mm
420mm
95mm
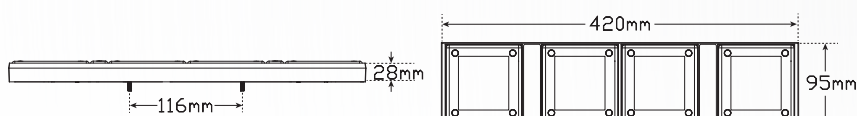
460 Series
Medium Size Truck/Trailer
Bolt on Fitting

- Medium Jumbo Design
- Price Competitive
- 5 Year Warranty

12 – 24 Multivolt   **ECE Approved**   **IP67 Rated**

Part Numbers
460ARRM   - Blister
460ARRMB   - Bulk

Function	Stop/Tail/Indicator/Reflector
Size	460mm x 130mm x 33mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	1.2m

Draw	Stop	Tail	Ind
@13.8V	0.30A	0.02A	0.32A
@28V	0.17A	0.04A	0.18A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11293
ECE	Indicator	2a-E9-01.6205
ECE	Reflector	IA-E9-02.1472

Part Numbers
460ARWM   - Blister
460ARWMB   - Bulk

Function	Stop/Tail/Indicator/Reverse/Reflector
Size	460mm x 130mm x 33mm
Voltage	Multivolt 12-24V
LED Qty	48
Cable	1.2m

Draw	Stop	Tail	Ind	Rev
@13.8V	0.30A	0.02A	0.32A	0.19A
@28V	0.17A	0.04A	0.18A	0.12A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11293
ECE	Indicator	2a-E9-01.6205
ECE	Reverse	AR-E9-00.1208
ECE	Reflector	IA-E9-02.1472

Fitting Instructions
and Technical Drawings

Horizontally mount onto flat surface using bolts in back of lamp, run wire through hole in fixing surface.
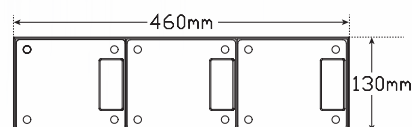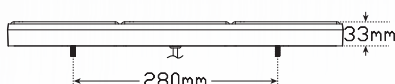
520 SEQUENTIAL SERIES
LARGE TRUCK & TRAILER SERIES

The new 520 Sequential series, will not only enhance your vehicle or trailer but make you stand out from the rest. Cleverly hidden by the main lamp is an innovative mounting base, which enables a clean surface mounted finish, with no screws visible. Intensified by the diffused tail light are the sequential indicators which light up in a dynamic sequence. Available in two sizes, refer to page 70.

Bracket Mount Clip on Lamp

12 - 24 Multivolt | **ECE Approved** | **5 Year Warranty** | **IP67 Rated**

Part Numbers

520ARRM-2 – Twin Blister
520ARRMB – Bulk

Function	Stop/Tail/Indicator
Size	520mm x 141mm x 28.5mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	TBA	TBA	TBA
@28V	TBA	TBA	TBA

Approvals	Function	Approval No.
ECE	Stop/Tail	TBA
ECE	Indicator	TBA

Diffused Tail Function & Sequential Indicator

SEQUENTIAL INDICATORS

Part Numbers

520ARWM-2 – Twin Blister
520ARWMLB – LHS, Bulk
520ARWMRB – RHS, Bulk

Function	Stop/Tail/Indicator/Reverse
Size	520mm x 141mm x 28.5mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	TBA	TBA	TBA	TBA
@28V	TBA	TBA	TBA	TBA

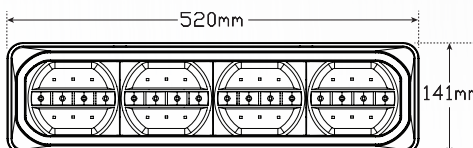| Approvals	Function	Approval No.
ECE	Stop/Tail	TBA
ECE	Indicator	TBA
ECE	Reverse	TBA

Diffused Tail Function & Sequential Indicator

SEQUENTIAL INDICATORS

Fitting Instructions and Technical Drawings

Separate the base plate from the lamp and horizontally mount, onto a flat surface using screws provided, ensuring correct side is facing outwards. Run wire through hole in fixing surface then re-align the lamp and clip into the mounting base using light pressure to ensure it sits in place correctly. Please refer to ADR 13/00 for mounting instructions.

520mm
28.50mm
141mm

Maxilamp Series
Large Size Truck/Trailer
Bolt on Fitting

- Black Chrome Design
- Intense Light Output
- 7 Year Warranty

12 – 24 Multivolt **ADR/ECE Approved** **IP67 Rated**

Part Numbers

MaxilampC5XRR - Blister
MaxilampC5XRRB - Bulk

Function	Stop/Tail/Ind/Reflector
Size	600mm x 135mm x 40mm
Voltage	Multivolt 12-24V
LED Qty	150
Cable	40cm

Draw	Stop	Tail	Ind
@13.8V	1.12A	0.09A	0.62A
@28V	0.73A	0.04A	0.31A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	40966
ADR	Indicator	6/00 2a	40964
ECE	Reflector	1a-E9-02.1472	

Part Numbers

MaxilampC5XRW - Blister
MaxilampC5XRWB - Bulk

Function	Stop/Tail/Ind/Rev/Reflector
Size	600mm x 135mm x 40mm
Voltage	Multivolt 12-24V
LED Qty	150
Cable	40cm

Draw	Stop	Tail	Ind	Rev
@13.8V	1.12A	0.09A	0.62A	0.68A
@28V	0.73A	0.04A	0.31A	0.36A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	40966
ADR	Indicator	6/00 2a	40964
ADR	Reverse	1/00	40965
ECE	Reflector	1a-E9-02.1472	

Fitting Instructions and Technical Drawings

Horizontally mount onto flat surface using bolts in back of lamp, run wire through hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

135mm
600mm
40mm
500mm
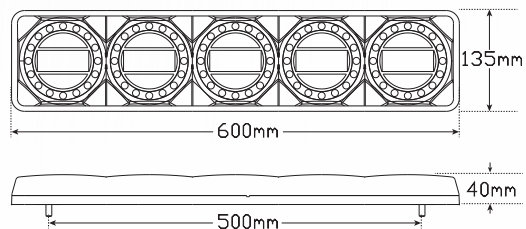
- Jumbo Design
- 10 Years in Production
- 5 Year Warranty

12 – 24 Multivolt **ADR Approved** **IP67 Rated**

New Improved Model – High Performance LEDs

Part Numbers
J3BARRM - Blister
J3BARRMB - Bulk

Function	Stop/Tail/Indicator/Reflector
Size	595mm x 130mm x 45mm
Voltage	Multivolt 12-24V
LED Qty	72
Cable	1.2m

Draw	Stop	Tail	Ind
@13.8V	0.47A	0.04A	0.42A
@28V	0.27A	0.03A	0.28A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	42965
ADR	Indicator	6/00 2a	42964
ADR	Reflector	47/00	42966

New Improved Model – High Performance LEDs
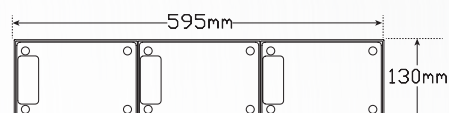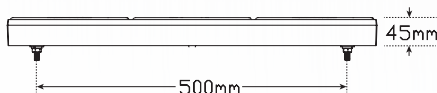

Part Number
J3BARWM - Blister

Function	Stop/Tail/Indicator/Rev/Reflector
Size	595mm x 130mm x 45mm
Voltage	Multivolt 12-24V
LED Qty	72
Cable	1.2m

Draw	Stop	Tail	Ind	Rev
@13.8V	0.47A	0.04A	0.42A	0.18A
@28V	0.27A	0.03A	0.28A	0.11A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	42965
ADR	Indicator	6/00 2a	42964
ADR	Reverse	1/00	42967
ADR	Reflector	47/00	42966

Fitting Instructions and Technical Drawings

Mount onto flat surface horizontally with stainless steel bolts provided in assembly and run cable through 12mm hole.

45mm
500mm
595mm
130mm

595 Series
Large Size Truck/Trailer
Bolt on Fitting

- New Jumbo Design
- Modern Truck
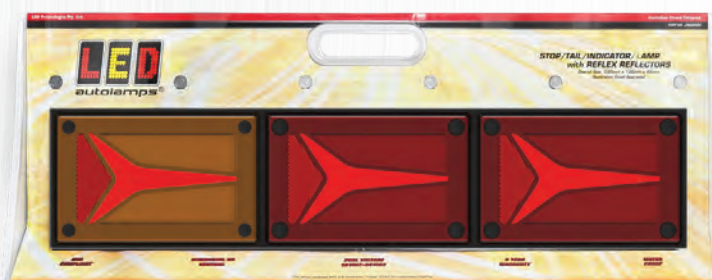- 5 Year Warranty

12 – 24 Multivolt | **ECE Approved** | **IP67 Rated**

Part Number
595BARRM - Blister

Diffused Tail Function

Function	Stop/Tail/Indicator/Reflector
Size	595mm x 130mm x 45mm
Voltage	Multivolt 12-24V
LED Qty	72
Cable	1.2m

Draw	Stop	Tail	Ind
@13.8V	0.47A	0.04A	0.42A
@28V	0.27A	0.03A	0.28A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	TBA
ADR	Indicator	6/00 2a	TBA
ADR	Reflector	47/00	TBA

Part Number
595BARWM - Blister

Diffused Tail Function

Function	Stop/Tail/Indicator/Rev/Reflector
Size	595mm x 130mm x 45mm
Voltage	Multivolt 12-24V
LED Qty	72
Cable	1.2m

Draw	Stop	Tail	Ind	Rev
@13.8V	0.47A	0.04A	0.42A	0.18A
@28V	0.27A	0.03A	0.28A	0.11A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	TBA
ADR	Indicator	6/00 2a	TBA
ADR	Reverse	1/00	TBA
ADR	Reflector	47/00	TBA
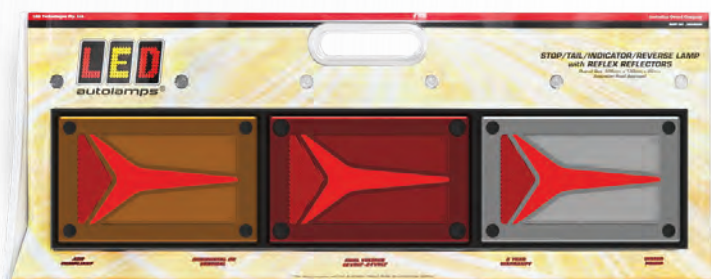
Fitting Instructions and Technical Drawings

Mount onto flat surface horizontally with stainless steel bolts provided in assembly and run cable through 12mm hole.
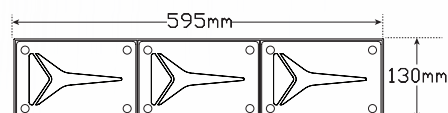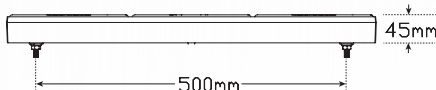
**Heavy Duty
Harness and
Lighting System**

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 *Dangerous Goods* **IP68** *Tested* **RoHS** *Compliant*

Functional, Long Lasting Quality

Innovated Harness System
The key to this system is its flexibility by offering every conceivable option for various lighting functions to be added at any point in the truck harness line.

Flexibility
Cable lengths from 0.25m to 15m combining heavy duty connector covers for every plug and connector assembly point with a breaking strain in excess of 25kg, making this a heavy duty robust truck harness assembly.

Colour Coded
All assembly plugs are colour coded to its specific function. Example - The Brown plug is for Marker Lamps. When requiring a marker lamp, add a brown plug in the harness line, add the desired length 2 core cable and plug into the desired marker lamp. The Yellow (LHS) or Green (RHS) plug is for Side Direction Indicator Lamps. When requiring a Side Direction Indicator lamp, add a yellow or green plug whether left or right hand side in the harness line, add the desired length 2 core cable and plug into the desired Side Direction Indicator lamp.

- Add any Light Anywhere in the Harness System
- Easily replace damaged lighting with minimal downtime
- Heavy Duty Water Proof Cable, Plugs and Connectors
- Colour Coded Plugs to the colour of the wire function
- All Lights Compliant with ECE or ADR
- Cable System Compliant with Dangerous Goods (AS2809)
- 5 Year Warranty, Livestock Transport 1 Year Warranty
- RoHS Compliant Cables, Plugs and Lights

Scan the QR code for
more fitting examples

Scan the QR code for
video examples

Heavy Duty Harness and Lighting System

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods **IP68** Tested **RoHS** Compliant

Cable and Wire

TWP Cable (Thin wall thermo plastic) and PVC Automotive primary wire complying with SA-J1128, Annealed copper wire in compliance with ASTMB3, RoHS compliant lead free copper wire with operating temperature between -40°C to +85°C - Harness system tested to B Double requirements when LEDs are used. Please refer to wire gauge table for further information regarding wire gauge and amperage.

DG Rating

Cables and covers are manufactured to comply with DG (Dangerous Goods) Rating. Inspected by Work Safe Victoria and in accordance with DG-150424-1, DG-150424-2 in relation to the electrical wiring requirements as it applies to dangerous goods road vehicle bulk tankers, in accordance for usage with petrol and gas tankers. Cabling and lighting complies with AS2809 parts 1 & 2.

Labour Costs

Designed specifically to be easily and quickly installed without the need to cut, splice, solder, join or tape wire joins, reduces fitting times with its simple plug in design allowing skilled or non-skilled fitters to complete the install. Expect to reduce lighting assembly labour costs by up to 75%.

Warranty

Five Year Warranty for all truck & trailer vehicles and a one year warranty for livestock carrying trailers.

7 Core Main Cable Specifications

- 100% Water Proof
- Specially Designed Plugs
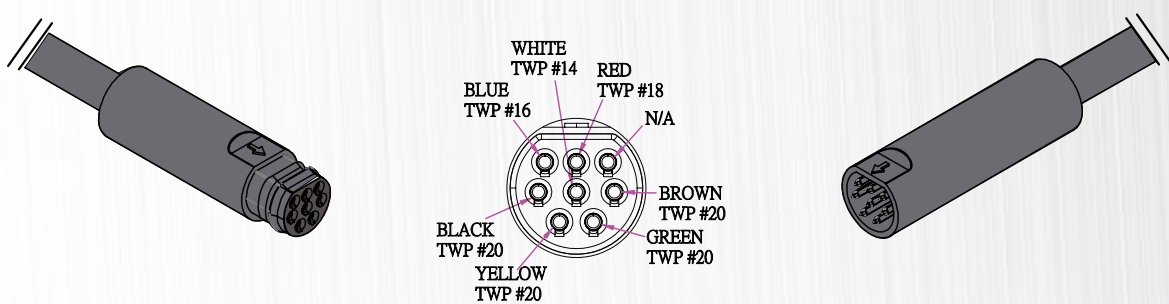- 5 Year Limited Warranty

DG AS2809 Dangerous Goods   **IP68** Tested   **RoHS** Compliant

The cable we have chosen for this harness system is used widely in the automotive industry and complies with SA-J1128 Standards. The plugs we have designed are 100% water proof and pass IP68 Standards, our unique double ridged male plugs ensure complete water proofing by doubling the protection from water ingress.

Plugs have been designed with a special water proof double sealing lip which will not allow water ingress. Cable width 9.5mm, Male & Female plug diameter 18mm combined length of plugs when joined 106mm.

The cover for the plugs have been created for extra strength and engineered to a breaking strain of 25 kg. The connection cover is for secure fitment and completes Dangerous Goods Rating AS2809.

WHITE TWP #14 — RED TWP #18 — BLUE TWP #16 — N/A — BROWN TWP #20 — BLACK TWP #20 — GREEN TWP #20 — YELLOW TWP #20

Internal Cable Wire Specifications

Function	Wire Colour	Gauge	Rated Amp	Draw @13.8V	Maximum Lamps	Diameter (mm)	Area (mm²)	Resistance (Ohms/1000ft)
Earth	White	14	20	-	-	1.62814	2.08	2.525
Accessory	Blue	16	10	2.0A	-	1.29032	1.31	4.016
Stop	Red	18	8	0.47A	16 Lamps	1.02362	0.823	6.385
Left Indicator	Yellow	20	5	0.42A	10 Lamps	0.8128	0.518	10.15
Right Indicator	Green	20	5	0.42A	10 Lamps	0.8128	0.518	10.15
Marker	Brown	20	5	0.05A	120 Lamps	0.8128	0.518	10.15
Reverse	Black	20	5	0.59A	8 Lamps*	0.8128	0.518	10.15
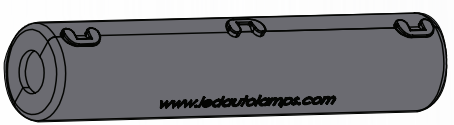
Part No. **CMCB**, Cable Cover Dimension, Diameter 22mm, Length 110mm
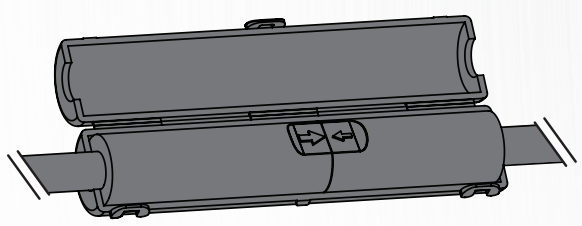
Part No. **CMCB** with 7 core plugs positioned inside
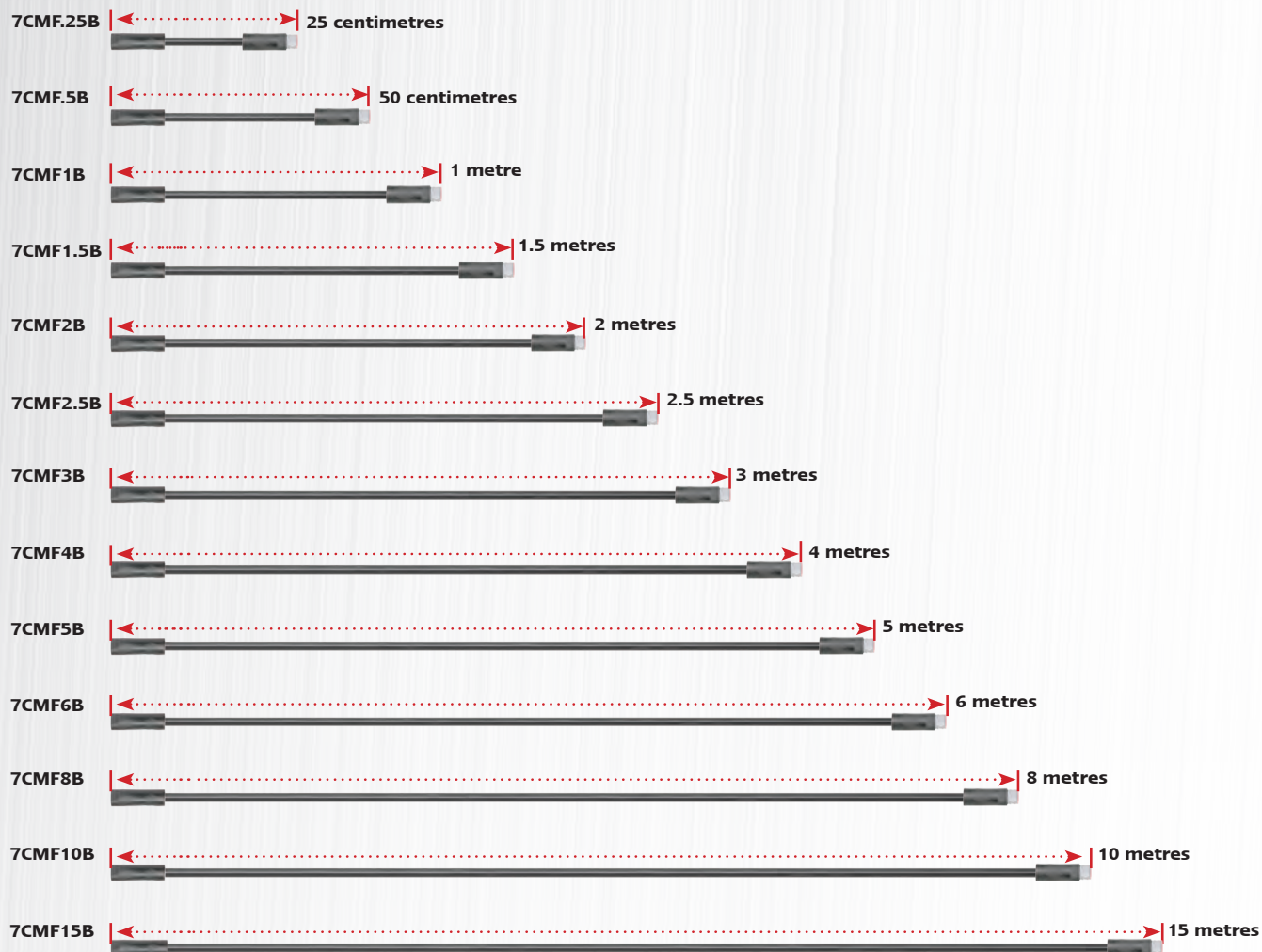
7 Core
Main Cable
Specifications

- 100% Water Proof
- Specially Designed Plugs
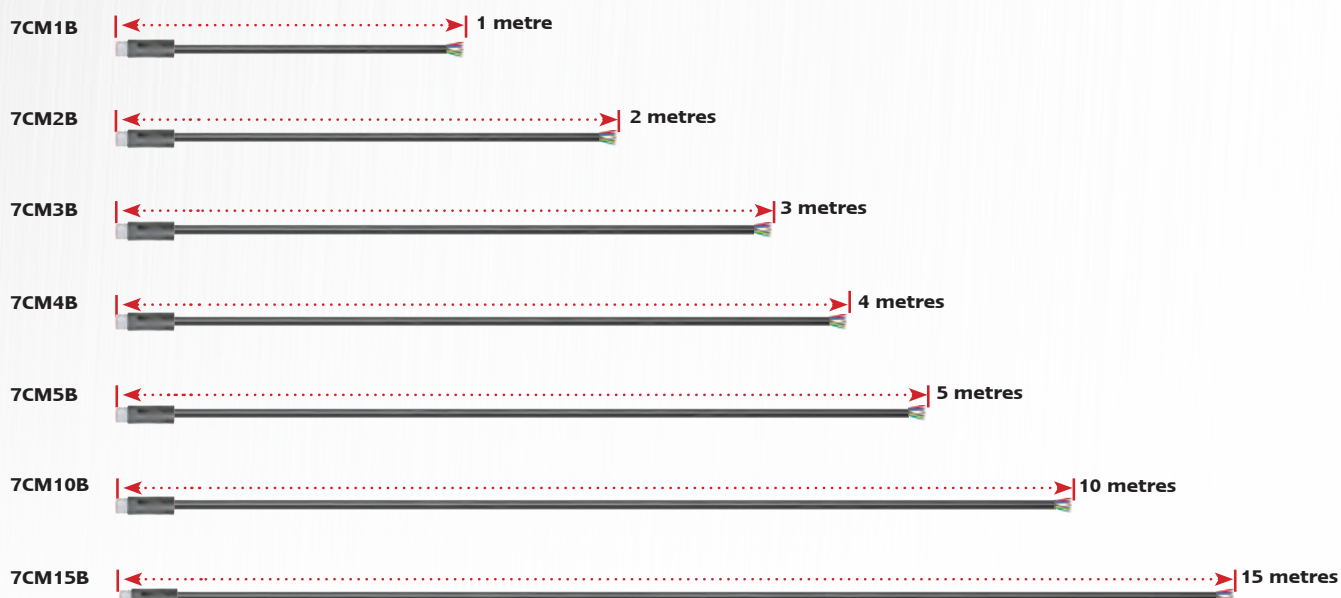- 5 Year Limited Warranty

DG AS2809
Dangerous Goods

IP68
Tested

RoHS
Compliant

Cable Lengths with Male & Female Plugs.

7CMF.25B — 25 centimetres

7CMF.5B — 50 centimetres

7CMF1B — 1 metre

7CMF1.5B — 1.5 metres

7CMF2B — 2 metres

7CMF2.5B — 2.5 metres

7CMF3B — 3 metres

7CMF4B — 4 metres

7CMF5B — 5 metres

7CMF6B — 6 metres

7CMF8B — 8 metres

7CMF10B — 10 metres

7CMF15B — 15 metres

Cable Lengths with Male Plug and Bare Wires.

7CM1B — 1 metre

7CM2B — 2 metres

7CM3B — 3 metres

7CM4B — 4 metres

7CM5B — 5 metres

7CM10B — 10 metres

7CM15B — 15 metres

7 Core Main Cable Plugs

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty
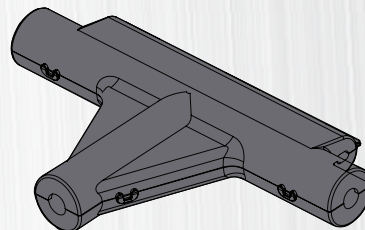
DG AS2809 Dangerous Goods | **IP68** Tested | **RoHS** Compliant

7CJB – Use at back of the Trailer for Left and Right side main cable split

The rear junction splitter has been designed to split the 7 core cable into a left and right side for rear lighting functions of Stop/Tail, Indicator and Reverse. The rear junction splitter also has a left and right side 2 pin plugs for the connection of licence plate lamps and marker lamps.
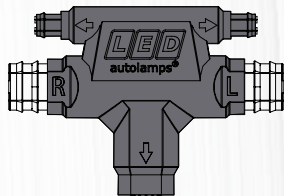
Part No. **7CJB** Plug Dimension
Width 89mm, Length 61mm

Part No. **CCJB** Plug Cover Dimension
Width 189mm, Length 116mm

7CJB

2 Core cable and plug to licence plate lamps and marker lamps

7CJB

2 Core cable and plug to licence plate lamps and marker lamps

7 Core cable and plug to RHS rear lamps

7 Core cable and plug to LHS rear lamps

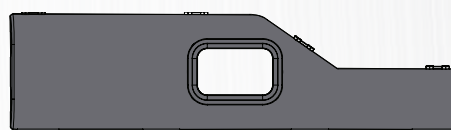7 Core cable from the front of the trailer to 7CJB main cable splitter
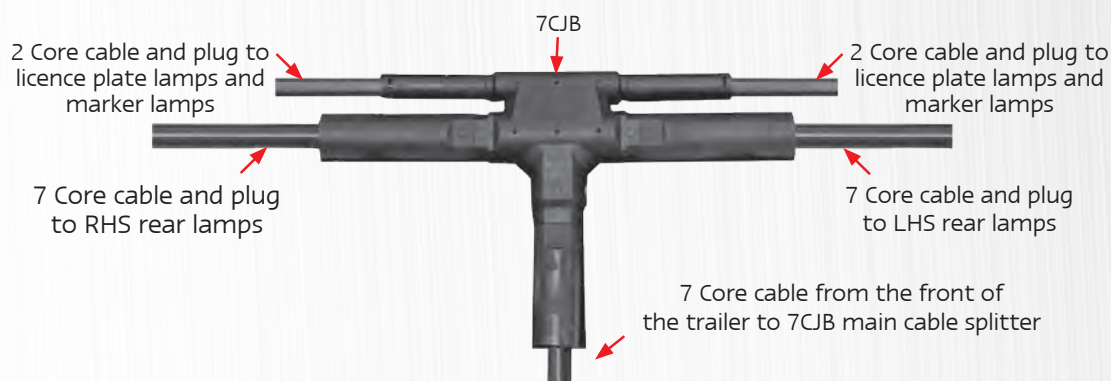
7P3WB use when 2 or more combination lamps are required

The 7 Core cable splitter can be used to add another rear combination lamp to an existing rear combination lamp giving you the ability to continue the harness cable in any manner you desire
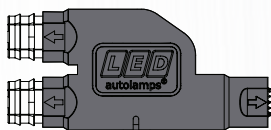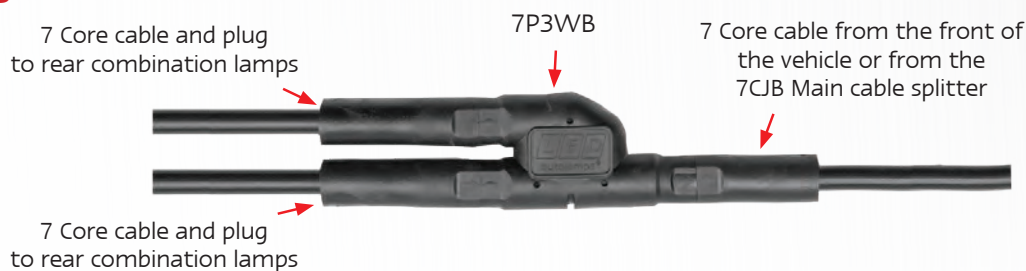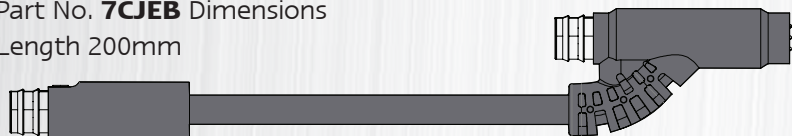
Part No. **7P3WB** Plug Dimensions
Width 94mm, Length 44mm

Part No. **7PCB** Cover Dimension
Width 194mm, Length 60mm

7P3WB

7 Core cable and plug to rear combination lamps

7P3WB

7 Core cable from the front of the vehicle or from the 7CJB Main cable splitter

7 Core cable and plug to rear combination lamps

7 Core Main Cable Plugs

- 100% Water Proof
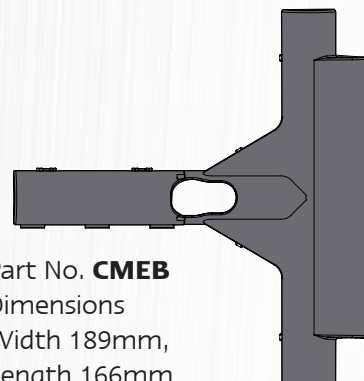- Specially Designed Plugs
- 5 Year Limited Warranty

7CJEB – Use in conjunction with 7CJB to connect trailer base

The 7 Core Rear Junction Splitter Extension is used with the 7 core rear junction splitter for the purpose of connecting a 7 pin trailer base at the rear of the trailer, its purpose is for the ability to connect another trailer to the existing harness system.
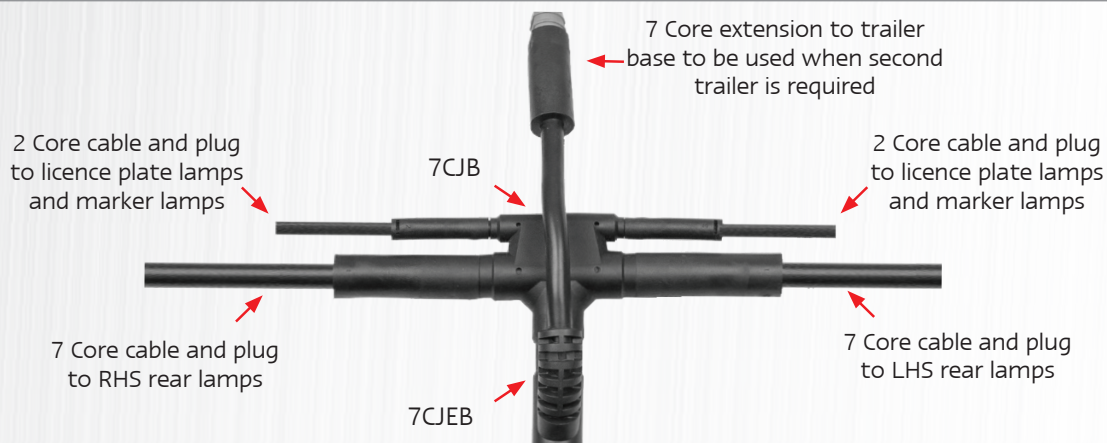
Part No. **7CJEB** Dimensions
Length 200mm

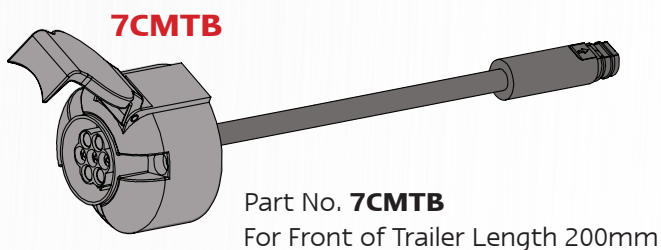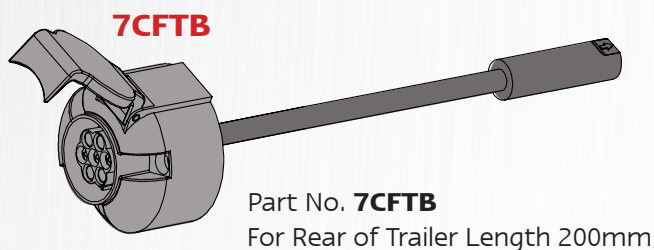Part No. **CMEB**
Dimensions
Width 189mm,
Length 166mm

7CJEB

7 Core extension to trailer base to be used when second trailer is required

2 Core cable and plug to licence plate lamps and marker lamps

7CJB

2 Core cable and plug to licence plate lamps and marker lamps

7 Core cable and plug to RHS rear lamps

7 Core cable and plug to LHS rear lamps

7CJEB

Trailer Base for terminating either end of the trailer

Available two types of trailer bases, used for the front of the trailer and the rear of the trailer.

7CFTB

Part No. **7CFTB**
For Rear of Trailer Length 200mm

7CMTB

Part No. **7CMTB**
For Front of Trailer Length 200mm

Trailer Base

7 Core cable from the front of the trailer to 7CJB main cable splitter

7 Core Rear Trailer Base Connector

7 Core Front Trailer Base Connunctor

Heavy Duty Harness and Lighting System
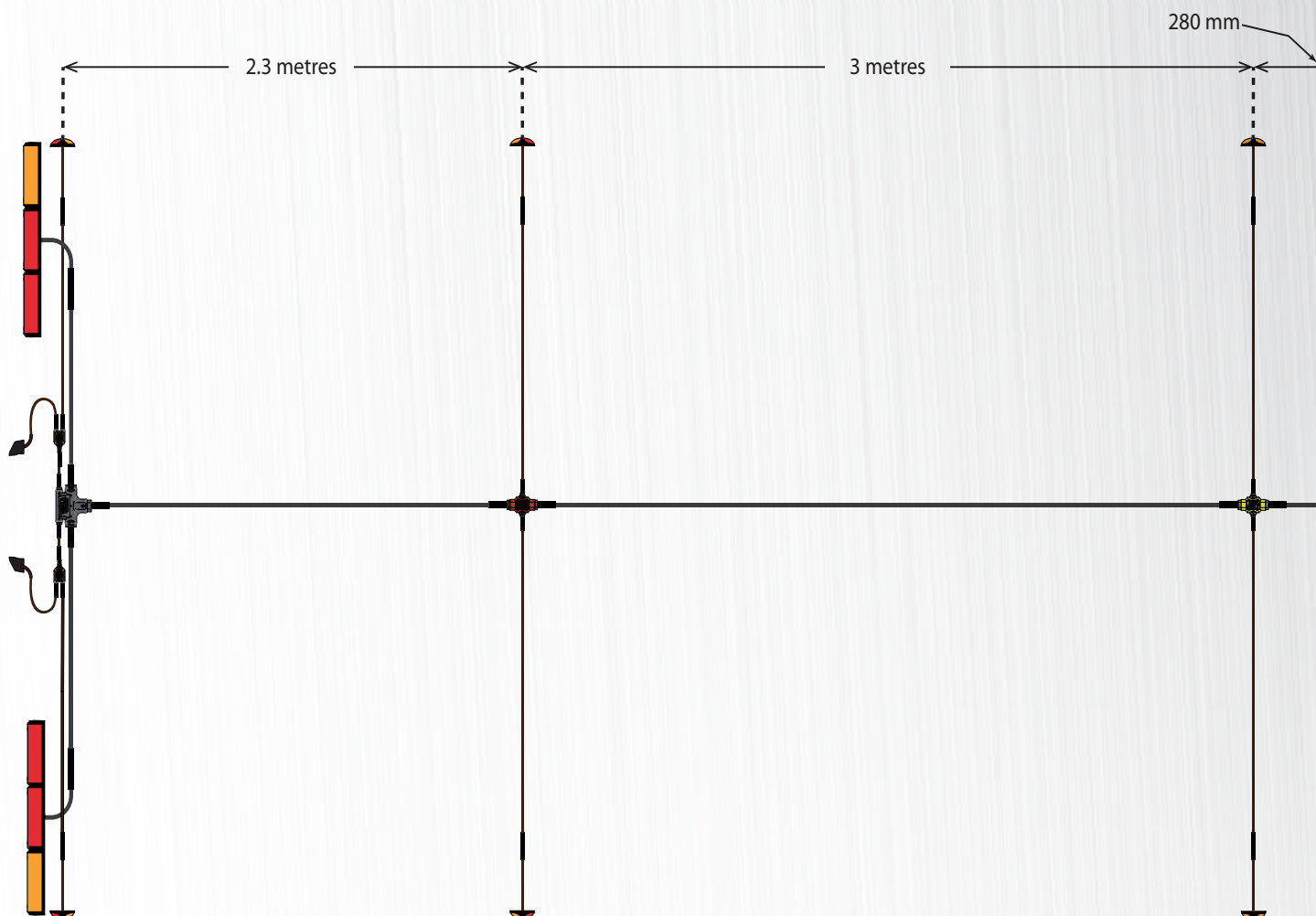
- 100% Water Proof
- Specially Designed Plugs
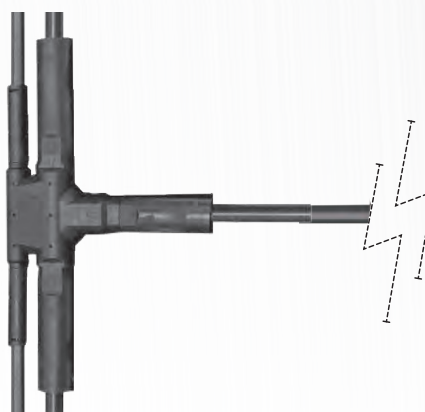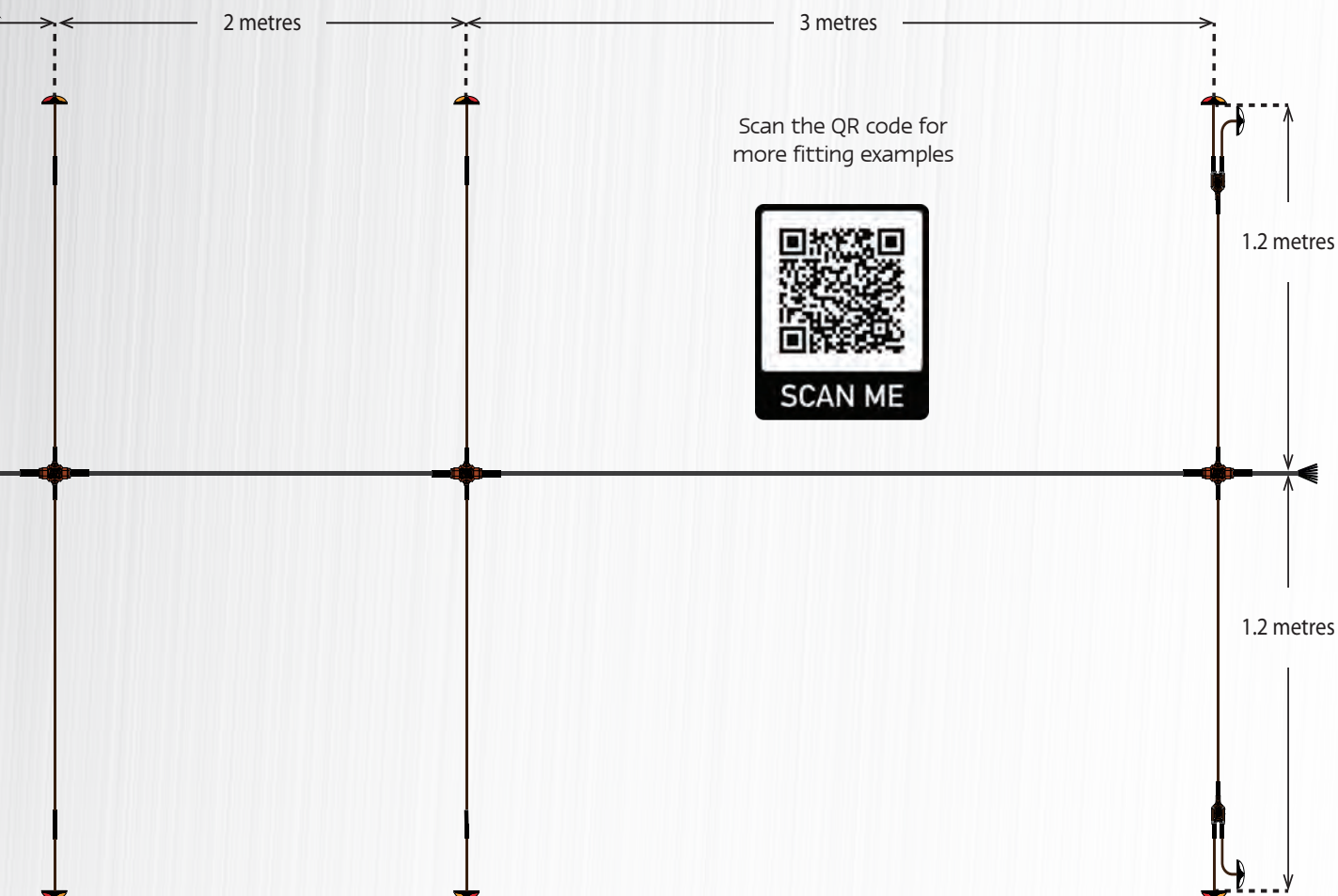- 5 Year Limited Warranty

DG AS2809
Dangerous Goods

IP68
Tested

RoHS
Compliant

Planning your System

280 mm

2.3 metres

3 metres

Option 1 for 7CJB Rear Splitter

7CJB for use at back of the trailer for left and right side cable split, see page 4

Heavy Duty Harness and Lighting System

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods   **IP68** Tested   **RoHS** Compliant

2 metres

3 metres

Scan the QR code for more fitting examples

SCAN ME

1.2 metres

1.2 metres

Option 2 for 7CJB Rear Splitter if connecting to 2nd trailer
7CJEB use in conjunction with 7CJB at the back of the trailer to connect trailer base.
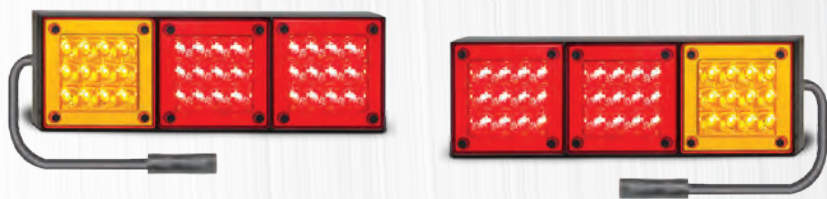See Page 4

Combination Lamps

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods **IP68** Tested **RoHS** Compliant

Function Stop/Tail/Indicator with Reflector Included		**Size** 282mm x 95mm x 28mm
Part No	280ARRMLCSB	280ARRMRCSB
Side	Left Hand Side	Right Hand Side
Cable	200mm with Plug	200mm with Plug
Packaging	Bulk	Bulk
For Technical Information and Specifications Refer to Page 56 or visit our website.		

Function Stop/Tail/Indicator with Reflectors		**Size** 460mm x 130mm x 33mm
Part No	460ARRMLCSB	460ARRMRCSB
Side	Left Hand Side	Right Hand Side
Cable	200mm with Plug	200mm with Plug
Packaging	Bulk	Bulk
For Technical Information and Specifications Refer to Page 75 or visit our website.		

Function Stop/Tail/Indicator with Reflectors		**Size** 595mm x 130mm x 45mm
Part No	J3BARRMLCSB	J3BARRMRCSB
Side	Left Hand Side	Right Hand Side
Cable	200mm with Plug	200mm with Plug
Packaging	Bulk	Bulk
For Technical Information and Specifications Refer to Page 78 or visit our website.		

Combination Lamps

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods **IP68** Tested **RoHS** Compliant

Function Stop/Tail/Indicator/Reverse with Reflector Included		Size 282mm x 95mm x 28mm
Part No	280ARWMLCSB	280ARWMRCSB
Side	Left Hand Side	Right Hand Side
Cable	200mm with Plug	200mm with Plug
Packaging	Bulk	Bulk
For Technical Information and Specifications Refer to Page 56 or visit our website.		

Function Stop/Tail/Indicator/Reverse with Reflectors		Size 460mm x 133mm x 33mm
Part No	460ARWMLCSB	460ARWMRCSB
Side	Left Hand Side	Right Hand Side
Cable	200mm with Plug	200mm with Plug
Packaging	Bulk	Bulk
For Technical Information and Specifications Refer to Page 75 or visit our website.		

Function Stop/Tail/Indicator/Reverse with Reflectors		Size 595mm x 130mm x 45mm
Part No	J3BARWMLCSB	J3BARWMRCSB
Side	Left Hand Side	Right Hand Side
Cable	200mm with Plug	200mm with Plug
Packaging	Bulk	Bulk
For Technical Information and Specifications Refer to Page 78 or visit our website.		

89

NEW MINI LAMPS
SINGLE FUNCTION LAMPS

These new Mini lamps have a slick, clean, modern design that will enhance any vehicle or trailer application. Measuring just 89mm long for the 11 series and 131mm for the 12 series and only 30mm high, with 8mm on its side profile makes them perfect for small, tight spaces. They come standard with super-strong 3M tape and screws for fitting to any clean flat surface. Directed through an enhanced Fresnel style lens are high powered SMD LEDs. Ensuring the most exceptional light efficiency possible, which not only shines brightly in all functions but exceeds the stringent ECE standards for road approval.

- **Low Profile Compact Design**
- **3M Tape Surface Mount**
- **5 Year Warranty**

ECE Approved   **IP67** Rated   **EMC/R10** Approved

Function	Stop/Tail
Size	89mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	40cm

Draw	Stop	Tail
@13.8V	TBA	TBA
@28V	TBA	TBA

Approvals	Function	Approval No.
ECE	Stop/Tail	TBA

Part Number
11RM-2 - Twin Blister

Function	Rear Indicator
Size	89mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	40cm

Draw	Indicator
@13.8V	TBA
@28V	TBA

Approvals	Function	Approval No.
ECE	Indicator	TBA

Part Number
11AM-2 - Twin Blister

Function	Reverse
Size	89mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	9
Cable	40cm

Draw	Reverse
@13.8V	TBA
@28V	TBA

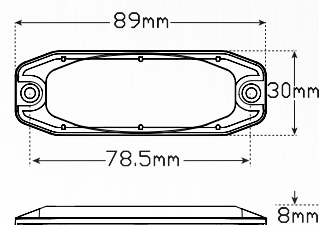| Approvals	Function	Approval No.
ECE	Reverse	TBA

Part Number
**11WM-2** - Twin Blister

---

Fitting Instructions and Technical Drawings

Mount horizontally or vertically (Horizontally for reverse lamps) onto a flat surface using 3M tape and screws supplied. Please refer to ADR 13/00 for mounting instructions.

Total Area
89mm x 90mm

89mm / 30mm / 78.5mm / 8mm

12 Series
Single Function
Screw Mount

- Low Profile Compact Design
- Multivolt System
- 5 Year Warranty

ECE Approved **IP67** Rated **EMC/R10** Approved

Part Number
12RM-2 - Twin Blister

Function	Stop/Tail
Size	131mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	40cm

Draw	Stop	Tail
@13.8V	TBA	TBA
@28V	TBA	TBA

Approvals	Function	Approval No.
ECE	Stop/Tail	TBA

Part Number
12AM-2 - Twin Blister

Function	Rear Indicator
Size	131mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	40cm

Draw	Indicator
@13.8V	TBA
@28V	TBA

Approvals	Function	Approval No.
ECE	Indicator	TBA

Part Number
12WM-2 - Twin Blister

Function	Reverse
Size	131mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	18
Cable	40cm

Draw	Reverse
@13.8V	0.21A
@28V	0.21A

Approvals	Function	Approval No.
ECE	Reverse	E9*23R00/22*22177*00

Fitting Instructions and Technical Drawings

Mount horizontally or vertically (Horizontally for reverse lamps) onto a flat surface using 3M tape and screws supplied. Please refer to ADR 13/00 for mounting instructions.

Total Area
131mm x 90mm

131mm
30mm
120mm
8mm
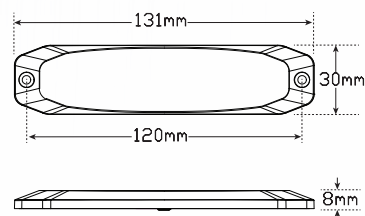
135 Series
Bracket Mount
Clip in Lens

- Low Profile Design
- Surface/Recessed Mount
- 5 Year Warranty

12 – 24 Multivolt **ADR** Approved **IP67** Rated

Part Number
135RM - Blister

Part Number 135G
Rubber Grommet Available

Function	Stop/Tail
Size	135mm x 38mm x 24mm
Voltage	Multivolt 12-24V
LED Qty	8
Cable	40cm

Draw	Stop	Tail
@13.8V	0.11A	0.02A
@28V	0.08A	0.02A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	39848

Part Number
135AM - Blister

Part Number 135G
Rubber Grommet Available

Function	Rear Indicator
Size	135mm x 38mm x 24mm
Voltage	Multivolt 12-24V
LED Qty	8
Cable	40cm

Draw	Indicator
@13.8V	0.16A
@28V	0.06A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	39845

Part Number
135WM - Blister

Part Number 135G
Rubber Grommet Available

Function	Reverse
Size	135mm x 38mm x 24mm
Voltage	Multivolt 12-24V
LED Qty	8
Cable	40cm

Draw	Reverse
@13.8V	0.16A
@28V	0.06A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	39849

Fitting Instructions
and Technical Drawings

Surface mount horizontally with screws or plugs provided, or recess mount with grommet (Cut out size 133mm x 36mm) run wires through back and clip lens into place.

133mm
Grommet Cut Out
36mm

135mm
24mm

80mm
38mm
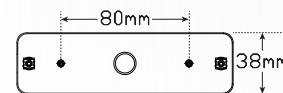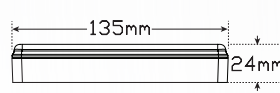
200 Series
Bracket Mount
Clip in Lens

- Original Design
- 15 Years in Production
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Stop/Tail	
Size	200mm x 50mm x 28mm	
Voltage	Multivolt 12-24V	
LED Qty	36	
Cable	40cm	

Draw	Stop	Tail
@13.8V	0.32A	0.04A
@28V	0.18A	0.04A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	35941

Part Number
200BRM - Blister

Function	Rear Indicator	
Size	200mm x 50mm x 28mm	
Voltage	Multivolt 12-24V	
LED Qty	36	
Cable	40cm	

Draw	Indicator
@13.8V	0.39A
@28V	0.19A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 2a	35795

Part Number
200BAM - Blister

Function	Reverse	
Size	200mm x 50mm x 28mm	
Voltage	Multivolt 12-24V	
LED Qty	25	
Cable	40cm	

Draw	Reverse
@13.8V	0.34A
@28V	0.18A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	35796

Part Number
200BWM - Blister

Fitting Instructions
and Technical Drawings

Horizontally surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

200mm   28mm   160mm   50mm
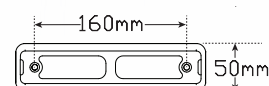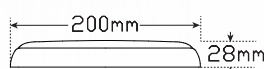
25 SERIES COMPACT
SLIMLINE RECESSED LAMPS

Introducing the 25 series, although small in size, they sure pack a punch when it comes to features and flexibility. The recessed fitting allows for an extreme, low profile installation. 17 high powered SMD LEDs power through a fresnel style lens, providing the most exceptional light efficiency possible, which not only shines brightly in all functions but exceeds the stringent ECE standards for road approval. Couple this with IP67 testing for dust and water ingress as well as high impact polycarbonate, the 25 series offer strength and durability, ensuring the most extended operational life possible from the light.

- **Slimline, Low Profile Design**
- **Recessed Fitting**
- **5 Year Warranty**

12 Volt Only   **ECE** Approved   **IP67** Rated

**Part Number
25R12** - Bulk

Function	Stop/Tail
Size	130mm x 25mm x 3mm
Voltage	12 Volt Only
LED Qty	17
Cable	40cm

Draw @13.8V	**Stop**	**Tail**
	0.27A	0.02A

Approvals	**Function**	**Approval No.**
ECE	Stop/Tail	R1-S1-E9-02.6281
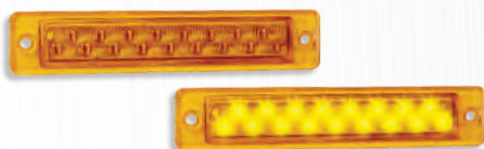
**Part Number
25A12** - Bulk

Function	Rear Indicator
Size	130mm x 25mm x 3mm
Voltage	12 Volt Only
LED Qty	17
Cable	40cm

Draw @13.8V	**Indicator**
	0.27A

Approvals	**Function**	**Approval No.**
ECE	Indicator	2a-E9-01.6310

**Part Number
25W12** - Bulk

Function	Supplementary Reverse
Size	130mm x 25mm x 3mm
Voltage	12 Volt Only
LED Qty	17
Cable	40cm

Draw @13.8V	**Reverse**
	0.16A

Approvals	**Function**	**Approval No.**
Nil	Supplementary Reverse	N/A

Fitting Instructions and Technical Drawings

Recess mount onto flat surface horizontally and run wires through back. Push lamp into cut out (106mm x 19mm) in mounting surface, fix with screws supplied at both ends. Please refer to ADR 13/00 for mounting instructions.

130mm · 3mm · 25mm · 117mm

Lamp Cut Out · 19mm · 106mm
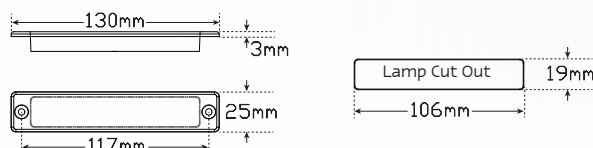
285 Series
Single Function
Screw Mount

- Slimline, Low Profile Design
- Black or Chrome End Caps
- 5 Year Warranty

ECE Approved **IP67** Rated **EMC/R10** Approved

Part Number
285BR12 - Black End Caps, Blister

Part Number
285CR12 - Chrome End Caps, Blister

Function	Stop/Tail
Size	285mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	8.5cm

Draw	Stop	Tail
@13.8V	0.24A	0.09A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22285*00

Part Number
285BA12 - Black End Caps, Blister

Part Number
285CA12 - Chrome End Caps, Blister

Function	Rear Indicator
Size	285mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	8.5cm

Draw	Indicator
@13.8V	0.20A

Approvals	Function	Approval No.
ECE	Indicator	E9*6R01/28*22184*00

Part Number
285BW12 - Black End Caps, Blister

Part Number
285CW12 - Chrome End Caps, Blister

Function	Reverse
Size	285mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	8.5cm

Draw	Reverse
@13.8V	0.18A

Approvals	Function	Approval No.
ECE	Reverse	E9*23R00/22*22112*00

Fitting Instructions
and Technical Drawings

Mount horizontally or vertically (Horizontally for reverse lamps). Remove end caps, then fix to flat surface with screws supplied then refit end caps. Please refer to ADR 13/00 for mounting instructions

285mm 10mm

266mm 25mm
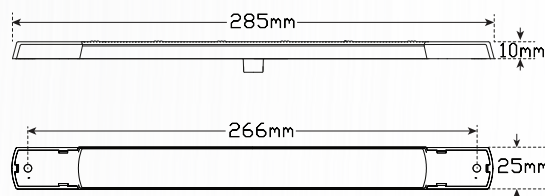
SEQUENTIAL INDICATORS
DYNAMIC 235 SERIES

Generally reserved for high-end European vehicles, you now can add that same classy look to your caravan, vehicle or trailer. Introducing the 235 series sequential rear indicators, with specially designed integrated circuitry as well as ECE road approval and benefits of a low profile compact fit, included with the latest technology in lighting.

- **Sequential Function**
- **Recessed Fitting, includes Grommet**
- **5 Year Warranty**

ECE Approved

IP67 Rated

EMC/R10 Approved

Coloured Lens

Function Simulator Button

Function	Rear Indicator
Size	237mm x 25mm x 3mm
Voltage	12 Volt
LED Qty	10
Cable	40cm

Draw @13.8V	Indicator
	TBA

Approvals	Function	Approval No.
ECE	Indicator	

Part Numbers

235ASEQ-2 - Twin Blister
235ASEQB - Single Bulk

SEQUENTIAL INDICATORS
INDIVIDUAL LEDS LIGHT IN A 1.2 SECOND SEQUENCE

Clear Lens

Function Simulator Button

Function	Rear Indicator
Size	237mm x 25mm x 3mm
Voltage	12 Volt
LED Qty	10
Cable	40cm

Draw @13.8V	Indicator
	TBA

Approvals	Function	Approval No.
ECE	Indicator	

Part Numbers

235CSEQ-2 - Twin Blister
235CSEQB - Single Bulk

SEQUENTIAL INDICATORS
INDIVIDUAL LEDS LIGHT IN A 1.2 SECOND SEQUENCE

Fitting Instructions and Technical Drawings

Recess mount onto flat surface horizontally. Push lamp and grommet into cut out (cut out 203mm x 19mm) in mounting surface, run wires through back and fix with screws. Products can also be mounted using surface mounting brackets sold separately. Please refer to ADR 13/00 for mounting instructions.

237mm
3mm
216mm
25mm
203mm
19mm
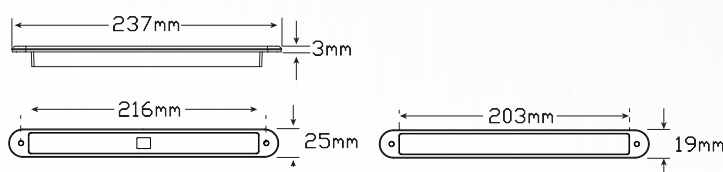
235 Series
Recessed Mount
Screw Secured

- Slimline, Low Profile Design
- Includes Grommet
- 5 Year Warranty

ADR/ECE Approved **IP67** Rated **EMC/R10** Approved

Coloured Lens

Part Numbers
235R12 - 12V, Coloured Lens, Blister
235R24 - 24V, Coloured Lens, Blister

Clear Lens

Part Number
235CR12 - 12V, Clear Lens, Blister

Function	Stop/Tail		
Size	237mm x 25mm x 3mm		
Voltage	12 Volt or 24 Volt		
LED Qty	10		
Cable	40cm		

Draw	Stop	Tail
@13.8V	0.14A	0.04A
@28V	0.13A	0.05A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	37678

Coloured Lens

Part Numbers
235A12 - 12V, Coloured Lens, Blister
235A24 - 24V, Coloured Lens, Blister

Clear Lens

Part Number
235CA12 - 12V, Clear Lens, Blister

Function	Rear Indicator		
Size	237mm x 25mm x 3mm		
Voltage	12 Volt or 24 Volt		
LED Qty	10		
Cable	40cm		

Draw	Indicator
@13.8V	0.16A
@28V	0.12A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	39092

Part Numbers
235W12E - 12V, Blister
235W24E - 24V, Blister

Function	Reverse	
Size	237mm x 25mm x 3mm	
Voltage	12 Volt or 24 Volt	
LED Qty	12	
Cable	40cm	

Draw	Reverse
@13.8V	0.26A
@28V	0.13A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1030

SEQUENTIAL INDICATORS
DYNAMIC 380 SERIES

Generally reserved for high-end European vehicles, you now can add that same classy look to your caravan vehicle or trailer. Introducing the 380 series sequential rear indicators, with specially designed integrated circuitry as well as ECE road approval and benefits of a low profile compact fit, included with the latest technology in lighting.

- **Sequential Function**
- **Recessed Fitting, includes Grommet**
- **5 Year Warranty**

ECE Approved   **IP67** Rated   **EMC/R10** Approved

Function Simulator Button

Function	Rear Indicator
Size	382mm x 25mm x 3mm
Voltage	12 Volt
LED Qty	18
Cable	40cm

Draw @13.8V	Indicator TBA

Approvals	Function	Approval No.
ECE	Indicator	TBA

SEQUENTIAL INDICATORS
INDIVIDUAL LEDS LIGHT IN A 1.2 SECOND SEQUENCE

Part Numbers
380ASEQ-2 - Twin Blister
380ASEQB - Bulk

Function Simulator Button

Function	Rear Indicator
Size	382mm x 25mm x 3mm
Voltage	12 Volt
LED Qty	18
Cable	40cm

Draw @13.8V	Indicator TBA

Approvals	Function	Approval No.
ECE	Indicator	TBA

SEQUENTIAL INDICATORS
INDIVIDUAL LEDS LIGHT IN A 1.2 SECOND SEQUENCE

Part Numbers
380CSEQ-2 - Twin Blister
380CSEQB - Bulk

Fitting Instructions and Technical Drawings

Recess Mount onto flat surface horizontally. Push lamp and grommet into cut out (cut out 340mm x 19mm) in mounting surface, run wires through back and fix with screws. Can also be mounted using accessory brackets. Refer to ADR 13/00.

382mm
3mm

361mm
25mm

Cut Out Size
348mm
19mm
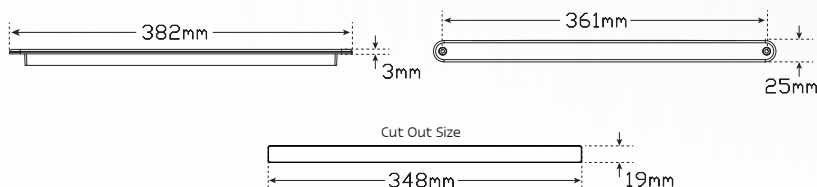
380 Series
Single Function
Rear Lighting

- Slimline, Low Profile Design
- Recessed Fitting, includes Grommet
- 5 Year Warranty

ADR Approved   **IP67** Rated   **EMC/R10** Approved

Part Numbers
380R12 - 12V, Blister
380R24 - 24V, Blister

Part Number
380CR12 - 12V, Chrome Bracket, Blister

Function	Stop/Tail		
Size	382mm x 25mm x 3mm		
Voltage	12 Volt or 24 Volt		
LED Qty	18		
Cable	40cm		

Draw	Stop	Tail
@13.8V	0.16A	0.04A
@28V	0.12A	0.01A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	39473

Part Numbers
380A12 - 12V, Blister
380A24 - 24V, Blister

Part Number
380CA12 - 12V, Chrome Bracket, Blister

Function	Rear Indicator		
Size	382mm x 25mm x 3mm		
Voltage	12 Volt or 24 Volt		
LED Qty	18		
Cable	40cm		

Draw	Indicator
@13.8V	0.18A
@28V	0.10A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 2a	39470

Part Numbers
380W12 - 12V, Blister
380W24 - 24V, Blister

Part Number
380CW12 - Blister

Function	Supplementary Reverse		
Size	382mm x 25mm x 3mm		
Voltage	12 Volt or 24 Volt		
LED Qty	18		
Cable	40cm		

Draw	Reverse
@13.8V	0.14A
@28V	0.09A

Approvals	Function	Category	CRN
Nil	Reverse	N/A	N/A

Fitting Instructions and Technical Drawings

Recess mount onto flat surface horizontally. Push lamp and grommet into cut out (cut out 340mm x 19mm) in mounting surface, run wires through back and fix with screws. Can also be mounted using accessory brackets.

382mm   3mm   361mm   25mm

Cut Out Size
348mm   19mm
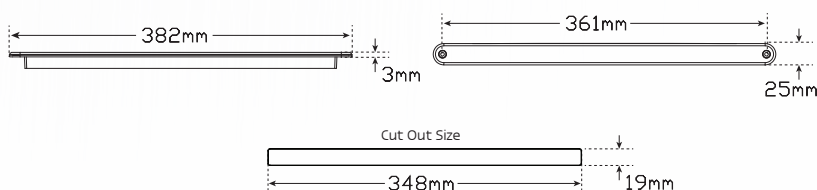
530 Series
Single Function
Rear Lighting

- Slimline, Low Profile Design
- Coloured Lens when Inactive
- 5 Year Warranty

12 Volt Only   **ADR** Approved   **IP67** Rated

Part Numbers
530AR12   - Blister
530AR12B - Bulk

Function	Stop/Tail/Indicator		
Size	530mm x 25mm x 10mm		
Voltage	12 Volt Only		
LED Qty	16		
Cable	30cm		

Draw	Stop	Tail	Ind
@13.8V	0.29A	0.02A	0.33A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	49767
ADR	Indicator	6/00/2a	49768

Part Number
530RC12   - Clear Lens, Bulk

Function	Stop/Tail	
Size	530mm x 25mm x 10mm	
Voltage	12 Volt Only	
LED Qty	16	
Cable	30cm	

Draw	Stop	Tail
@13.8V	0.29A	0.02A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	49766

Part Number
530AC12   - Clear Lens, Bulk

Function	Indicator
Size	530mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	30cm

Draw	Indicator
@13.8V	0.33A

Approvals	Function	Category	CRN
ADR	Indicator	06/00	49764

530 Series
Single Function
Rear Lighting

- Slimline, Low Profile Design
- Clear Lens when Inactive
- 5 Year Warranty

12 Volt Only   **ADR** Approved   **IP67** Rated

Part Number
530R12B - Coloured Lens, Blister

Function	Stop/Tail
Size	530mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	30cm

Draw @13.8V	**Stop** 0.29A	**Tail** 0.02A

Approvals	**Function**	**Category**	**CRN**
ADR	Stop/Tail	49/00	49766

Part Number
530A12B - Coloured Lens, Blister

Function	Indicator
Size	530mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	30cm

Draw @13.8V	**Indicator** 0.33A

Approvals	**Function**	**Category**	**CRN**
ADR	Indicator	06/00	49764

Part Number
530W12 - Blister

Function	Reverse
Size	530mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	30cm

Draw @13.8V	**Reverse** 0.16A

Approvals	**Function**	**Category**	**CRN**
ADR	Reverse	01/00	49765

Fitting Instructions
and Technical Drawings

Surface mount. Remove end caps, then fix to flat surface with screws supplied then refit end caps. Please refer to ADR 13/00 for mounting instructions

10mm

25mm

530mm

514mm
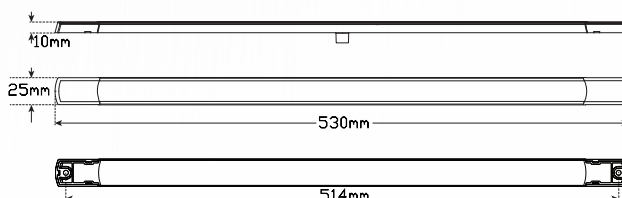
NEW SUPER BRIGHT
REAR FUNCTION RANGE

A sleek modern design that will complement your vehicle or trailer by featuring super-bright LEDs and ensure you not only look great but highly visible to other road users as well. These lamps exceed all standards with stringent ECE approval, and include IP67 ingress protection. Clever use of 3M tape allows flexible fitting with many combinations. Individual lens mounting, as well as black or chrome triple and quad brackets, are available separately or as an assembly. Surface mounting with no visible screws makes this range perfect for caravan, RV, tray, trailer, or any application where space and bolt access is restricted. See Pages 62 & 71 for the entire range of 82 series rear combination lamps.

| 12 – 24 Multivolt | 12 Volt Only | ECE Approved | 3M Tape Fitting | IP67 Rated | EMC/R10 Approved |

Part Numbers
82R	- Coloured Lens,12V, Blister
82RB	- Coloured Lens, 12V, Bulk
82RMB	- Coloured Lens, 12-24V, Bulk
82RCB	- Clear Lens, 12V, Bulk
82RCMB	- Clear Lens, 12-24V, Bulk

Function	Stop/Tail
Size	80mm Round x 18mm
Voltage	12 Volt or Multivolt 12-24V
LED Qty	8
Cable	30cm

Draw	Stop	Tail
@13.8V	0.10A	0.02A
@28V	0.06A	0.002A

Approvals	Function	Approval No.
ECE	Stop/Tail	E9*7R02/27*22499*00
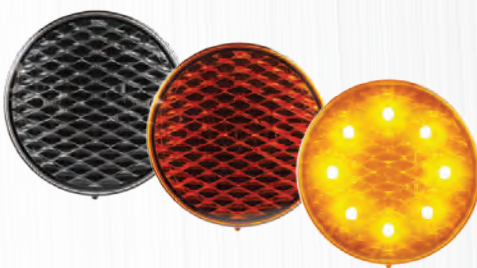
Part Numbers
82A	- Coloured Lens,12V, Blister
82AB	- Coloured Lens, 12V, Bulk
82AMB	- Coloured Lens, 12-24V, Bulk
82ACB	- Clear Lens, 12V, Bulk
82ACMB	- Clear Lens, 12-24V, Bulk

Function	Rear Indicator
Size	80mm Round x 18mm
Voltage	12 Volt or Multivolt 12-24V
LED Qty	8
Cable	30cm

Draw	Indicator
@13.8V	0.19A
@28V	0.08A

Approvals	Function	Approval No.
ECE	Indicator	E9*6R01/29*22319*00

Part Numbers
82W	- 12V, Blister
82WB	- 12V, Bulk
82WMB	- 12-24V, Bulk

Function	Reverse
Size	80mm Round x 18mm
Voltage	12 Volt or Multivolt 12-24V
LED Qty	16
Cable	30cm

Draw	Reverse
@13.8V	0.24A
@28V	0.13A

Approvals	Function	Approval No.
ECE	Reverse	E9*23R00/22*22127*00

Fitting Instructions and Technical Drawings

Remove backing from 3M tape on back of lens, run wires through hole in mounting surface and align the locator nodule on edge of lens downwards. Apply firm hand pressure to ensure lamp adhesion. Please refer to ADR 13/00 for mounting instructions.

18mm
12mm
80mm
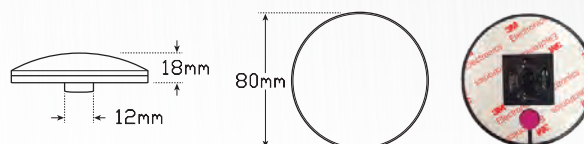
280 Series
Single Function
Screw Mount

- Individual Mount
- 4 Screw Caps
- 5 Year Warranty

ECE Approved **IP67** Rated **EMC/R10** Approved

Part Number
280RM - Blister

Function	Stop/Tail
Size	91mm x 91mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	12
Cable	10cm

Draw	Stop	Tail
@13.8V	0.18A	0.02A
@28V	0.04A	0.03A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11544

Part Number
280AM - Blister

Function	Rear Indicator
Size	91mm x 91mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	12
Cable	10cm

Draw	Indicator
@13.8V	0.18A
@28V	0.10A

Approvals	Function	Approval No.
ECE	Indicator	2A-E9-01.11545

Part Number
280WM - Blister

Function	Reverse
Size	91mm x 91mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	12
Cable	10cm

Draw	Reverse
@13.8V	0.20A
@28V	0.13A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1207

Fitting Instructions
and Technical Drawings

Surface mount using rubber gasket and screws supplied. Can also be used as a replacement for the 280 and 420 series combination lamps. Please refer to ADR 13/00 for mounting instructions.
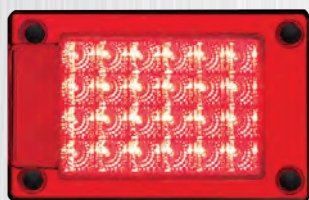
91mm
20mm
91mm
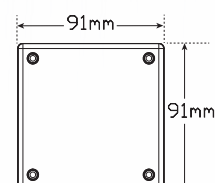
460 Series
Single Function
Screw Mount

- Individual Mount
- 4 Screw Caps
- 5 Year Warranty

EMC/R10 Approved   **ECE** Approved   **IP67** Rated

Function Stop/Tail/Reflector
Size 148mm x 122mm x 40mm
Voltage Multivolt 12-24V
LED Qty 16
Cable 10cm

Draw	Stop	Tail
@13.8V	0.30A	0.02A
@28V	0.17A	0.04A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11293
ECE	Reflector	IA-E9-02.1472

Part Numbers
460RM - Blister
460RMB - Bulk Box

Function Rear Indicator/Reflector
Size 148mm x 122mm x 40mm
Voltage Multivolt 12-24V
LED Qty 16
Cable 10cm

Draw	Indicator
@13.8V	0.32A
@28V	0.18A

Approvals	Function	Approval No.
ECE	Indicator	2A-E9-01.6205
ECE	Reflector	IA-E9-02.1472
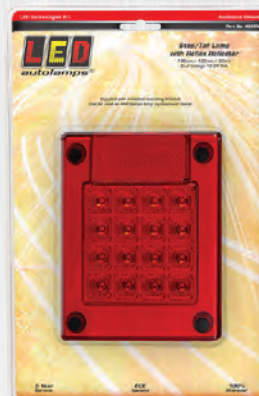
Part Numbers
460AM - Blister
460AMB - Bulk Box

Function Reverse/Reflector
Size 148mm x 122mm x 40mm
Voltage Multivolt 12-24V
LED Qty 16
Cable 10cm

Draw	Indicator
@13.8V	0.19A
@28V	0.12A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-01.1208
ECE	Reflector	IA-E9-02.1472

Part Numbers
460WM - Blister
460WMB - Bulk Box

Fitting Instructions
and Technical Drawings

Surface mount using mounting bracket and screws. Can also be used as a replacement for the 460 series combination lamps. Please refer to ADR 13/00 for mounting instructions.

Blister Includes Mounting Bracket for Fitting

148mm
40mm
122mm

J3 Series
Single Function
Screw Mount

- Individual Mount
- 4 Screw Caps
- 5 Year Warranty

EMC/R10 Approved   **ADR** Approved   **IP67** Rated

Function	Stop/Tail/Reflector		
Size	190mm x 122mm x 33mm		
Voltage	Multivolt 12-24V		
LED Qty	24		
Cable	10cm		

Draw	Stop	Tail	
@13.8V	0.47A	0.04A	
@28V	0.27A	0.03A	

Approvals	Function	Category	CRN
ADR	Stop	49/00	42965
ADR	Tail	49/00	42964
ADR	Reflector	47/00	42966
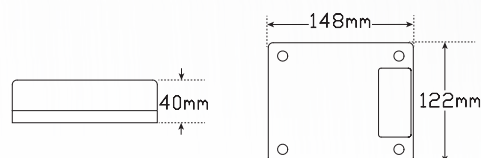
Part Numbers
J3RM   - Blister
J3RMB - Bulk

Function	Rear Indicator/Reflector		
Size	190mm x 122mm x 33mm		
Voltage	Multivolt 12-24V		
LED Qty	24		
Cable	10cm		

Draw	Indicator	
@13.8V	0.42A	
@28V	0.28A	

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2A	42964
ADR	Reflector	47/00	42966

Part Numbers
J3AM   - Blister
J3AMB - Bulk

Function	Reverse/Reflector		
Size	190mm x 122mm x 33mm		
Voltage	Multivolt 12-24V		
LED Qty	24		
Cable	10cm		

Draw	Reverse	
@13.8V	0.18A	
@28V	0.117A	

Approvals	Function	Category	CRN
ADR	Reverse	1/00	42967
ADR	Reflector	47/00	42966

Part Numbers
J3WM   - Blister
J3WMB - Bulk

Fitting Instructions
and Technical Drawings

Surface mount using mounting bracket & screws. Can also be used as a replacement for the J3 series combination lamps. Please refer to ADR 13/00 for mounting instructions.

Blister Includes Mounting Bracket for Fitting

190mm
122mm
33mm
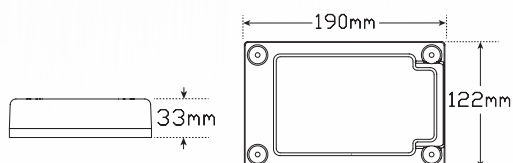
80 Series
Bracket Mount
Clip in Lens

- Original Design
- 18 Years in Production
- 5 Year Warranty

EMC/R10 Approved

ADR Approved

IP67 Rated

Part Number
80RM - Blister

Function	Stop/Tail
Size	100mm x 100mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	36
Cable	40cm

Draw	Stop	Tail
@13.8V	0.33A	0.06A
@28V	0.25A	0.04A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33059

Part Number
80AM - Blister

Function	Rear Indicator
Size	100mm x 100mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	36
Cable	40cm

Draw	Indicator
@13.8V	0.31A
@28V	0.22A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 2a	33098

Part Number
80WM - Blister

Function	Reverse
Size	100mm x 100mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	25
Cable	40cm

Draw	Reverse
@13.8V	0.31A
@28V	0.22A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	35797

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens
into place. Please refer to ADR 13/00 for mounting instructions.

28mm

100mm

100

60mm

100 Series
Bracket Mount
Clip in Lens

- Original Design
- 18 Years in Production
- 5 Year Warranty

EMC/R10 Approved   **ADR** Approved   **IP67** Rated

Function	Stop/Tail
Size	122mm x 122mm x 31mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	49
Cable	40cm

Draw	Stop	Tail
@13.8V	0.38A	0.06A
@28V	0.24A	0.04A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33402

Part Numbers

100R - 12V, Bulk (Lens Only)
100RM - 12-24V, Blister
100RMB - 12-24V, Bulk (Lens Only)

Function	Rear Indicator
Size	122mm x 122mm x 31mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	49
Cable	40cm

Draw	Indicator
@13.8V	0.38A
@28V	0.23A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 2a	33156

Part Numbers

100A - 12V, Bulk (Lens Only)
100AM - 12-24V, Blister
100AMB - 12-24V, Bulk (Lens Only)

Function	Reverse
Size	122mm x 122mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	25
Cable	40cm

Draw	Reverse
@13.8V	0.31A
@28V	0.17A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	35793

Part Numbers

100WM - Blister
100WMB - Bulk (Lens Only)

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

31mm   122mm   70mm
122mm

125 Series
Bracket Mount
Clip in Lens

- Original Design
- 18 Years in Production
- 5 Year Warranty

EMC/R10 Approved   **ADR** Approved   **IP67** Rated

Part Number
125RM - Blister

Function	Stop/Tail
Size	147mm x 147mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	64
Cable	40cm

Draw	Stop	Tail
@13.8V	0.42A	0.04A
@28V	0.26A	0.06A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33403

Part Number
125AM - Blister

Function	Rear Indicator
Size	147mm x 147mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	64
Cable	40cm

Draw	Indicator
@13.8V	0.43A
@28V	0.25A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 2a	33165

Part Number
125WM - Blister

Function	Reverse
Size	147mm x 147mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	25
Cable	40cm

Draw	Reverse
@13.8V	0.36A
@28V	0.18A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	35794

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

147mm / 147mm / 96mm / 31mm

164 Series
Single Function
Recess Mount

- Cost Competitive Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12- 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Stop/Tail
Size	164mm x 57mm x 18mm
Voltage	Multivolt 12-24V
LED Qty	10
Plug	Part No. 55062
Grommet	Part No. 54101

Draw @13.8V	Stop	Tail
	0.30A	0.02A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	TBA
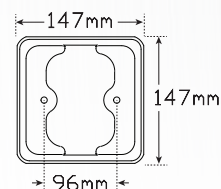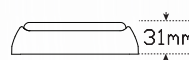
Part Number
164RM - Blister

Blister Includes Grommet & Plug

Function	Rear Indicator
Size	164mm x 57mm x 18mm
Voltage	Multivolt 12-24V
LED Qty	10
Plug	Part No. 55062
Grommet	Part No. 54101

Draw @13.8V	Indicator
	0.13A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 2a	TBA

Part Number
164AM - Blister

Blister Includes Grommet & Plug

Function	Reverse
Size	164mm x 57mm x 18mm
Voltage	Multivolt 12-24V
LED Qty	10
Plug	Part No. 55062
Grommet	Part No. 54101

Draw @13.8V	Reverse
	0.13A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	TBA

Part Number
164WM - Blister

Blister Includes Grommet & Plug

Fitting Instructions and Technical Drawings

Horizontally fit grommet into cut out (164mm x 58mm) in mounting surface, run wire through back of lamp and then push lamp into grommet. Please refer to ADR 13/00 for mounting instructions.

18mm

164mm — 57mm

171mm — Cut Out — 61mm
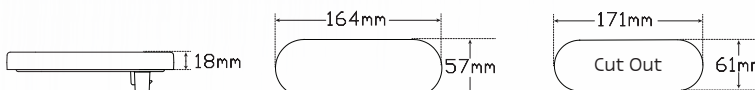
102 SERIES LAMPS
SINGLE FUNCTION

Our diversity of range, as well as flexibility in design choices, makes it an easy decision to trust LED to light your caravan or RV. The 102 series lamps, as seen on caravans for over ten years, is a testament to this statement. These lamps offer a clear, coloured or black chrome lens design with single recessed fitting or a choice of four surface mounted brackets in a black, chrome or white configuration. Rest assured, you will be road legal, well lit, and have the brightest caravan on the highway.

- Low Profile Design
- 5 Year Warranty

| 12 – 24 Multivolt | 12 Volt Only | ADR Approved | IP67 Rated | EMC/R10 Approved |

Function	Stop/Tail
Size	130mm Round x 12mm
Voltage	12 Volt Only
LED Qty	21
Cable	36cm with Spade Terminals

Draw @13.8V	Stop	Tail
	0.31A	0.04A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	42963

Part Number
102RBC - 12V, Bulk

Function	Rear Indicator
Size	130mm Round x 12mm
Voltage	12 Volt Only
LED Qty	21
Cable	36cm with Spade Terminals

Draw @13.8V	Indicator
	0.29A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	42832

Part Number
102ABC - 12V, Bulk

Function	Reverse
Size	130mm Round x 12mm
Voltage	12 Volt Only
LED Qty	21
Cable	36cm with Spade Terminals

Draw @13.8V	Reverse
	0.15A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	42826

Part Number
102WBC - 12V, Bulk

Fitting Instructions, Accessories and Technical Drawings

Fit into cut out (cut out 104mm round) using foam gasket between lamp and fitting surface, run wires at back. Please refer to ADR 13/00 for mounting instructions.

104mm — Cut Out

116mm

130mm — 12mm
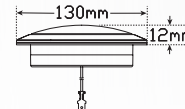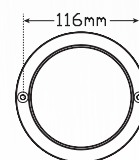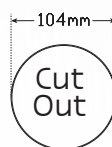
102 Series
Recess Mount
Screw Secured

- Clear Lens
- Coloured Lens
- Black Chrome Lens

12 - 24 Multivolt **12 Volt Only** **ADR Approved**

Part Numbers
102RC - Clear Lens, 12V, Bulk
102RCM - Clear Lens, 12-24V, Blister

Function	Stop/Tail
Size	130mm Round x 12mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	21
Cable	36cm with Spade Terminals

Draw	Stop	Tail
@13.8V	0.31A	0.04A
@28V	0.19A	0.04A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	42963

Part Numbers
102R - Coloured Lens, 12V, Bulk
102RM - Coloured Lens, 12-24V, Blister

Part Numbers
102AC - Clear Lens, 12V, Bulk
102ACM - Clear Lens, 12-24V, Blister

Function	Rear Indicator
Size	130mm Round x 12mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	21
Cable	36cm with Spade Terminals

Draw	Indicator
@13.8V	0.29A
@28V	0.20A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	42832

Part Numbers
102A - Coloured Lens, 12V, Bulk
102AM - Coloured Lens, 12-24V, Blister

Function	Reverse
Size	130mm Round x 12mm
Voltage	12 Volt Only or Multivolt 12-24V
LED Qty	21
Cable	36cm with Spade Terminals

Draw	Reverse
@13.8V	0.15A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	42826

Part Numbers
102W - 12V, Bulk
102WM - 12-24V, Blister

110 Series
Single Function
Recess Mount

- Premium Range
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Stop/Tail
Size	109mm Round x 12mm
Voltage	Multivolt 12-24V
LED Qty	27
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 53101

Draw	Stop	Tail
@13.8V	0.23A	0.08A
@28V	0.14A	0.02A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	35299
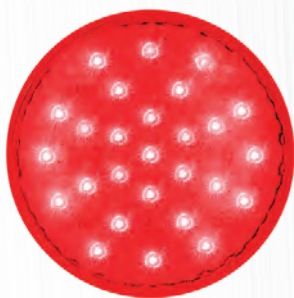
Part Numbers
110RMG - Blister
110RMB - Bulk

Blister Includes Grommet & Plug

Function	Rear Indicator
Size	109mm Round x 12mm
Voltage	Multivolt 12-24V
LED Qty	27
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 53101

Draw	Indicator
@13.8V	0.16A
@28V	0.13A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 2a	35298

Part Numbers
110AMG - Blister
110AMB - Bulk

Blister Includes Grommet & Plug

Function	Reverse
Size	109mm Round x 12mm
Voltage	Multivolt 12-24V
LED Qty	27
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 53101

Draw	Reverse
@13.8V	0.21A
@28V	0.15A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	36102

Part Numbers
110WMG - Blister
110WMB - Bulk

Blister Includes Grommet & Plug

Fitting Instructions and Technical Drawings

Recessed retro fit to existing 4 inch lamps. If new installation fit grommet or stainless steel flange into cut out (Grommet Cut out 115mm, Flange Cut out 113mm) plug wire into lamp.

53mm

109mm

Cut Out

115mm

12mm

115mm

Grommet Cut Out Size Ø115mm

135mm

113 Series
Single Function
Recess Mount

- Cost Competitive Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt | **ECE Approved** | **IP67 Rated**

Function	Stop/Tail
Size	109mm Round x 12mm
Voltage	Multivolt 12-24V
LED Qty	7
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 53401

Draw	Stop	Tail
@13.8V	0.19A	0.02A
@28V	0.08A	0.01A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.16703
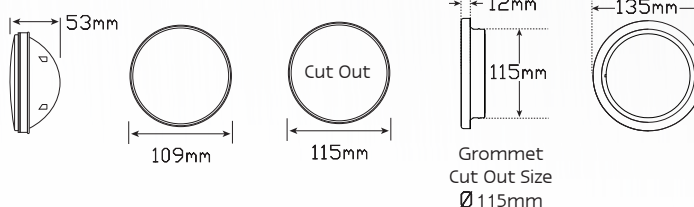
Part Numbers
113RMG - Blister
113RMB - Bulk

Blister Includes Grommet & Plug

Function	Rear Indicator
Size	109mm Round x 12mm
Voltage	Multivolt 12-24V
LED Qty	7
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 53401

Draw	Indicator
@13.8V	0.22A
@28V	0.09A

Approvals	Function	Approval No.
ECE	Indicator	2a-E9-01.11288

Part Numbers
113AMG - Blister
113AMB - Bulk

Blister Includes Grommet & Plug

Function	Reverse
Size	109mm Round x 12mm
Voltage	Multivolt 12-24V
LED Qty	20
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 53401

Draw	Reverse
@13.8V	0.37A
@28V	0.10A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1066

Part Numbers
113WMG - Blister
113WMB - Bulk

Blister Includes Grommet & Plug

Fitting Instructions and Technical Drawings

Recessed retro fit to existing 4 inch lamps. If new installation fit grommet or stainless steel flange into cut out (Grommet Cut out 115mm, Flange Cut out 113mm) plug wire into lamp.

109mm

Cut Out
115mm

12mm
115mm

135mm
115mm

Grommet Cut Out Size Ø 115mm

133 Series
Single Function
Recess Mount

- Cost Competitive Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt **ECE Approved** **IP67 Rated**

Function	Stop/Tail/Reflector
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	4
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Stop	Tail
@13.8V	0.10A	0.03A
@28V	0.05A	0.02A

Approvals	Function	Approval No.
ECE	Stop/Tail/Ref	R1-S1-E9-02IB.22025
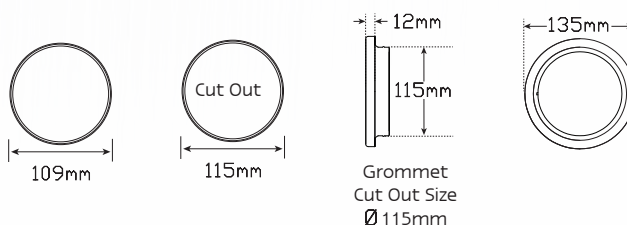
Part Numbers
133RMG - Blister
133RMB - Bulk

Blister Includes Grommet & Plug

Function	Rear Indicator/Reflector
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	4
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Indicator
@13.8V	0.10A
@28V	0.05A

Approvals	Function	Approval No.
ECE	Indicator/Ref	2a-E9-02IB.11331

Part Numbers
133AMG - Blister
133AMB - Bulk

Blister Includes Grommet & Plug

Function	Reverse/Reflector
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	16
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Reverse
@13.8V	0.33A
@28V	0.10A

Approvals	Function	Approval No.
ECE	Reverse/Ref	00 AR-E9-02IB.1060

Part Numbers
133WMG - Blister
133WMB - Bulk

Blister Includes Grommet & Plug

Fitting Instructions and Technical Drawings

Retro fit lamps. If new installation, fit grommet or stainless steel flange into cut out (cut out 139 x 91mm), plug 53102 wire into lamp and run through back then push into grommet/flange. Please refer to ADR 13/00 for mounting instructions.

16mm

Cut Out 139mm

91mm

134mm

86mm

134 Series
Single Function
Recess Mount

- High Brightness Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt **ECE Approved** **IP67 Rated**

Function	Stop/Tail/Reflector
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	16
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Stop	Tail
@13.8V	0.24A	0.04A
@28V	0.11A	0.02A

Approvals	Function	Approval No.
ECE	Stop/Tail/Ref	E9*7R02/27*22170*00
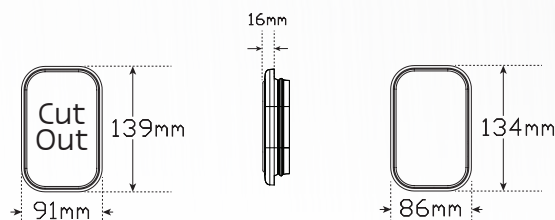
Part Numbers
134RMG - Blister
134RMB - Bulk

Blister Includes Grommet & Plug

Function	Rear Indicator/Reflector
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	16
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Indicator
@13.8V	0.28A
@28V	0.12A

Approvals	Function	Approval No.
ECE	Indicator/Ref	E9*6R01/28*22150*00

Part Numbers
134AMG - Blister
134AMB - Bulk

Blister Includes Grommet & Plug

Function	Reverse/Reflector
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	20
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Reverse
@13.8V	0.47A
@28V	0.16A

Approvals	Function	Approval No.
ECE	Reverse/Ref	E9*23R00/22*22103*00

Part Numbers
134WMG - Blister
134WMB - Bulk

Blister Includes Grommet & Plug

Fitting Instructions and Technical Drawings

Retro fit lamps. If new installation, fit grommet or stainless steel flange into cut out (cut out 139 x 91mm), plug 53102 wire into lamp and run through back then push into grommet/flange. Please refer to ADR 13/00 for mounting instructions.

Cut Out 139mm
91mm

16mm
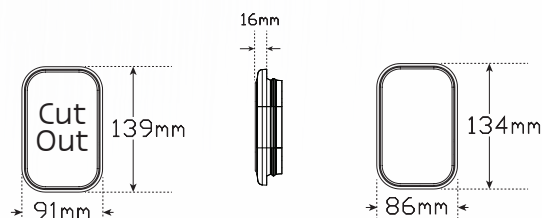
134mm
86mm

131 Series
Single Function
Recess Mount

- High Brightness Design
- Internal Chrome Reflector
- 5 Year Warranty

12 – 24 Multivolt | **ADR Approved** | **IP67 Rated**

Function	Stop/Tail
Size	134mm x 86mm x 14mm
Voltage	Multivolt 12-24V
LED Qty	16
Cable	40cm, Spade Terminals

Draw	Stop	Tail
@13.8V	0.22A	0.03A
@28V	0.12A	0.03A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	46431

Part Numbers
131RM - Coloured Lens, Blister
131CRM - Clear Lens, Blister

Function	Rear Indicator
Size	134mm x 86mm x 14mm
Voltage	Multivolt 12-24V
LED Qty	16
Cable	40cm, Spade Terminals

Draw	Indicator
@13.8V	0.19A
@28V	0.11A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	46430

Part Numbers
131AM - Coloured Lens, Blister
131CAM - Clear Lens, Blister

Function	Reverse
Size	134mm x 86mm x 14mm
Voltage	Multivolt 12-24V
LED Qty	16
Cable	40cm, Spade Terminals

Draw	Reverse
@13.8V	0.17A
@28V	0.10A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	46432

Part Number
131WM - Blister
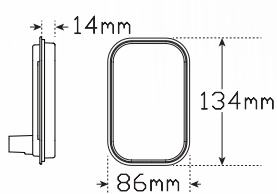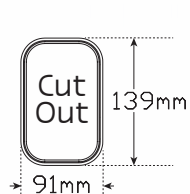
Cut Out
139mm
91mm
14mm
134mm
86mm

Part No. 59401
Rubber Grommet

Part No. 59401B
Black Flange

Part No. 59401C
Chrome Flange

5940 Series
Single Function
Recess Mount

- High Brightness Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt **ADR Approved** **IP67 Rated**

Function	Stop/Tail
Size	134mm x 86mm x 14mm
Voltage	Multivolt 12-24V
LED Qty	15
Plug	30cm, Use Part No. 53102

Draw	Stop	Tail
@13.8V	0.20A	0.02A
@28V	0.14A	0.04A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	46832

Part Numbers
5940RM - Blister
5940RMB - Bulk

Function	Rear Indicator
Size	134mm x 86mm x 14mm
Voltage	Multivolt 12-24V
LED Qty	15
Plug	30cm, Use Part No. 53102

Draw	Indicator
@13.8V	0.19A
@28V	0.13A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	46826

Part Numbers
5940AM - Blister
5940AMB - Bulk

Function	Supplementary Reverse
Size	134mm x 86mm x 14mm
Voltage	12 Volt Only
LED Qty	15
Plug	30cm, Use Part No. 53102

Draw	Reverse
@13.8V	0.23A

Approvals	Function	Category	CRN
Nil	Reverse	N/A	N/A
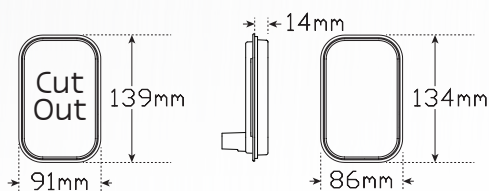
Part Numbers
5940W - Bulk

Cut Out 139mm 91mm

14mm

134mm 86mm

Part No. 59401 — Rubber Grommet

Part No. 59401B — Black Flange

Part No. 59401C — Chrome Flange

Part No. 53102 — 3 Pin Plug

5590 Series
Single Function
Recess Mount

- High Brightness Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt **ADR** Approved **IP67** Rated

Function	Stop/Tail		
Size	134mm x 86mm x 12mm		
Voltage	Multivolt 12-24V		
LED Qty	40		
Plug	30cm, Use Part No. 53102		
Grommet	Use Part No. 59101		

Draw	Stop	Tail	
@13.8V	0.13A	0.06A	
@28V	0.22A	0.04A	

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	33167

Part Number
5590RM - Bulk

Function	Rear Indicator		
Size	134mm x 86mm x 12mm		
Voltage	Multivolt 12-24V		
LED Qty	40		
Plug	30cm, Use Part No. 53102		
Grommet	Use Part No. 59101		

Draw	Indicator
@13.8V	0.28A
@28V	0.20A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	33270

Part Number
5590AM - Bulk

Function	Supplementary Reverse		
Size	134mm x 86mm x 12mm		
Voltage	Multivolt 12-24V		
LED Qty	40		
Plug	30cm, Use Part No. 53102		
Grommet	Use Part No. 59101		

Draw	Reverse
@13.8V	0.42A
@28V	0.25A

Approvals	Function	Category	CRN
Nil	Reverse	N/A	N/A

Part Number
5590WM - Bulk

Cut Out 139mm 91mm   12mm   134mm 86mm
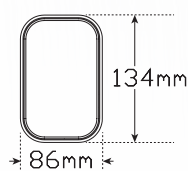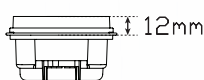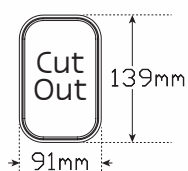
Part No. 59101
Rubber Grommet

Part No. 59401B
Black Flange

Part No. 59401C
Chrome Flange

Part No. 53102
3 Pin Plug

130 Series
Single Function
Recess Mount

- Inbuilt Reflector Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Stop/Tail/Reflector
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	14
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Stop	Tail
@13.8V	0.23A	0.03A
@28V	0.12A	0.04A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	36844
ADR	Reflector	47/00	38102

Part Numbers
130RMG - Blister
130RMB - Bulk

Blister Includes
Grommet & Plug

Function	Rear Indicator
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	14
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Indicator
@13.8V	0.20A
@28V	0.14A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	36843

Part Numbers
130AMG - Blister
130AMB - Bulk

Blister Includes
Grommet & Plug

Function	Reverse
Size	134mm x 86mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	32
Plug	30cm, Use Part No. 53102
Grommet	Use Part No. 59401

Draw	Reverse
@13.8V	0.15A
@28V	0.08A

Approvals	Function	Category	CRN
ADR	Reverse	1/00	36845

Part Number
130WMG - Blister

Blister Includes
Grommet & Plug

Fitting Instructions and Technical Drawings

Retro fit lamps. If new installation, fit grommet or stainless steel flange into cut out (cut out 139 x 91mm), plug 53102 wire into lamp and run through back then push into grommet/flange. Please refer to ADR 13/00 for mounting instructions.

Cut Out 139mm
91mm
16mm
134mm
86mm

119

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods   **IP68** Tested   **RoHS** Compliant

Heavy Duty Harness System

Many customers still prefer to use the recessed type rectangle or round lights for their trailer builds. The 7CFS series of plugs allows this to happen by splitting from the main cable a series of individual cables and plugs to suit 1/ Stop/Tail Lamp 2/ Indicator Lamp 3/ Reverse Lamp (See pages 122-123).
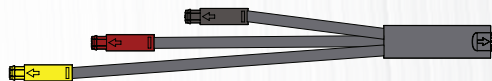
Part No. 7CFSTIRLB
Cable Connection from 7 Core cable for single lamp functions Stop & Tail, Left Hand Side Indicator & Reverse
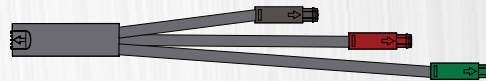
Part No. 7CFSTIRRB
Cable Connection from 7 Core cable for single lamp functions Stop & Tail, Right Hand Side Indicator & Reverse

Part No. 7CFSTILB
Cable Connection from 7 Core cable for single lamp functions Stop & Tail, Left Hand Side Indicator.

Part No. 7CFSTIRB
Cable Connection from 7 Core cable for single lamp functions Stop & Tail, Right Hand Side Indicator.

Stop/Tail Lamp Splitter Plug

Part No. 3P3WB
To be used when more than one stop & tail lamp is required.

Indicator Lamp Splitter Plug

Part No. 2P3WB
To be used when more than one Indicator lamp is required, connect to the yellow or green plug.

Reverse Lamp Splitter Plug

Part No. 2P3WB
To be used when more than one Reverse lamp is required, connect to the black plug.

Below shows an illustration of how the Cables for single function and the Splitter plugs are used in-conjunction with single function lamps with 2 and 3 core cable with harness plugs.

Part No 3PFM.2B

Part No. 3P3WB

Part Number 7CFSTIRRB

Part Number 7CJB

Part Number 7CFSTIRLB
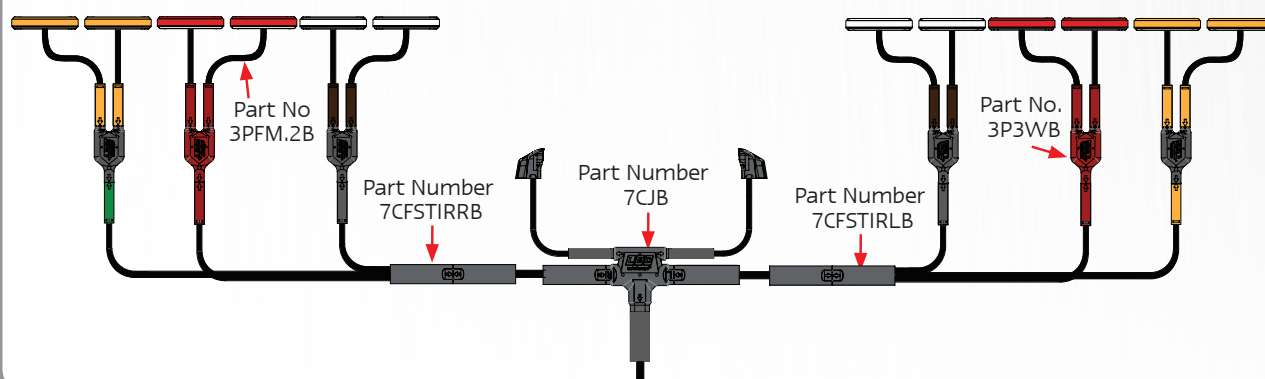
Accessory Plugs for Individual Lamps

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods   **IP68** Tested   **RoHS** Compliant

Heavy Duty Harness System

Colour coded depending on function, the accessory plugs allow other recessed lamps to be used in the heavy duty truck & trailer harness and lighting system.
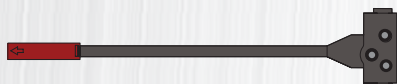
Part No. 3PFSTB
For use when fitting recessed stop/tail lamps

Part No. 2PFIB
For use when fitting recessed indicator lamps

Part No. 2PFRB
For use when fitting recessed reverse lamps

Stop/Tail Lamp Extension
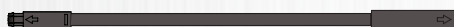
Part No. 3PMF.25B
200mm Cable extension when using more than one stop/tail lamp

Indicator/Reverse Lamp Extension

Part No. 2PMF.25B
200mm Cable extension when using more than one Indicator or reverse lamp

---

Below shows an illustration of how the accessory plugs for individual lamps and the Cable extensions are used in-conjunction with single function lamps not fitted with harness plugs.
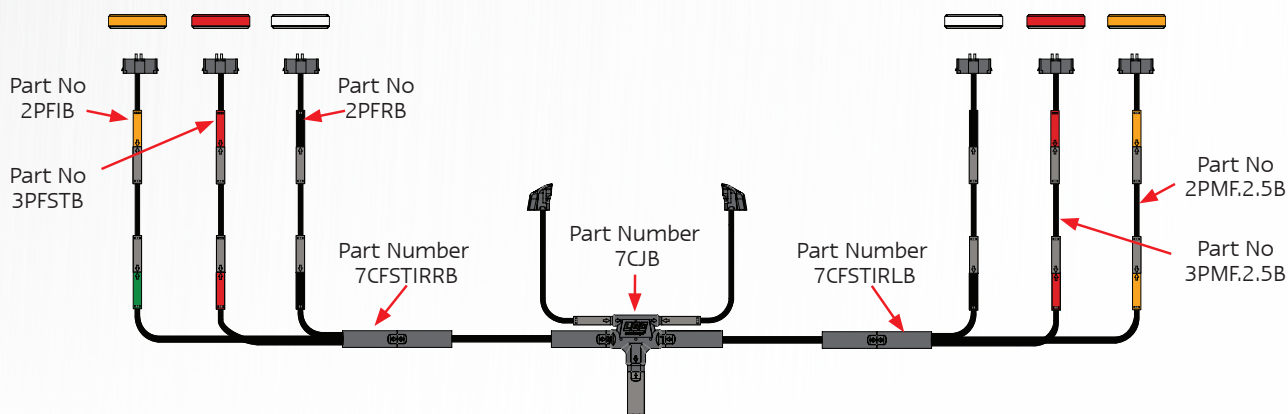
Part No 2PFIB

Part No 3PFSTB

Part No 2PFRB

Part Number 7CFSTIRRB

Part Number 7CJB

Part Number 7CFSTIRLB

Part No 2PMF.2.5B

Part No 3PMF.2.5B

Single Function Lamps

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods | **IP68** Tested | **RoHS** Compliant

Please Refer to Page 82 for the Maximum Rated Amperage allowable when additional lamps are required.

Function	Stop/Tail	Indicator	Reverse
Part No	102RMCSB	102AMCSB	102WMCSB
Cable	20cm with Plug	20cm with Plug	20cm with Plug
Packaging	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 111 or visit our website.

P/N: 59401

Please Refer to Page 82 for the Maximum Rated Amperage allowable when additional lamps are required.

Function	Stop/Tail	Indicator	Reverse
Part No	132RMCSB	132AMCSB	132WMCSB
Cable	20cm with Plug	20cm with Plug	20cm with Plug
Packaging	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 116 or visit our website.

P/N: 130RMB P/N: 130AMB P/N: 130WMB P/N: 59401
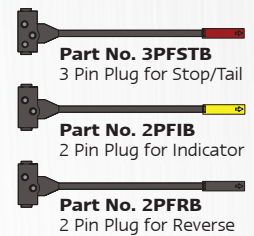
Part No. 3PFSTB
3 Pin Plug for Stop/Tail

Part No. 2PFIB
2 Pin Plug for Indicator

Part No. 2PFRB
2 Pin Plug for Reverse

Please Refer to Page 82 for the Maximum Rated Amperage allowable when additional lamps are required.

Function	Stop/Tail with Reflector	Rear Indicator	Reverse
Part No	130RMB	130AMB	130WMB
Plug	3PFSTB - 20cm	2PFIB - 20cm	2PFRB - 20cm
Rubber Grommet	59401	59401	59401
Packaging	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 119 or visit our website.

Single Function Lamps

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods | **IP68** Tested | **RoHS** Compliant
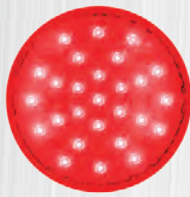
P/N: 110RMB | P/N: 110AMB | P/N: 110WMB | P/N: 53101

Part No. 3PFSTB — 3 Pin Plug for Stop/Tail
Part No. 2PFIB — 2 Pin Plug for Indicator
Part No. 2PFRB — 2 Pin Plug for Reverse

Please Refer to Page 82 for the Maximum Rated Amperage allowable when additional lamps are required.

Function	Stop/Tail	Rear Indicator	Reverse
Part No	110RMB	110AMB	110WMB
Plug	3PFSTB - 20cm	2PFIB - 20cm	2PFRB - 20cm
Rubber Grommet	53101	53101	53101
Packaging	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 112 or visit our website.

P/N: 113RMB | P/N: 113AMB | P/N: 113WMB | P/N: 53401

Part No. 3PFSTB — 3 Pin Plug for Stop/Tail
Part No. 2PFIB — 2 Pin Plug for Indicator
Part No. 2PFRB — 2 Pin Plug for Reverse

Please Refer to Page 82 for the Maximum Rated Amperage allowable when additional lamps are required.

Function	Stop/Tail	Rear Indicator	Reverse
Part No	113RMB	113AMB	113WMB
Plug	3PFSTB - 20cm	2PFIB - 20cm	2PFRB - 20cm
Rubber Grommet	53401	53401	53401
Packaging	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 113 or visit our website.

P/N: 133RMB | P/N: 133AMB | P/N: 133WMB | P/N: 59401

Part No. 3PFSTB — 3 Pin Plug for Stop/Tail
Part No. 2PFIB — 2 Pin Plug for Indicator
Part No. 2PFRB — 2 Pin Plug for Reverse
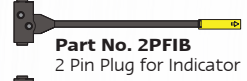
Please Refer to Page 82 for the Maximum Rated Amperage allowable when additional lamps are required.

Function	Stop/Tail	Rear Indicator	Reverse
Part No	133RMB	133AMB	133WMB
Plug	3PFSTB - 20cm	2PFIB - 20cm	2PFRB - 20cm
Rubber Grommet	59401	59401	59401
Packaging	Bulk	Bulk	Bulk

For Technical Information and Specifications Refer to Page 114 or visit our website.

130CC Series
Chrome Truck Series
Recess Mount

- Chrome Hooded Recessed Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Stop/Tail
Size	167mm x 122mm x 40mm
Voltage	Multivolt 12-24V
LED Qty	12
Cable	30cm, Part No. 53102

Draw	Stop	Tail
@13.8V	0.23A	0.03A
@28V	0.12A	0.04A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	35299

Part Number
130CCRM - Blister

Blister Includes Grommet, Chrome Hood & Plug

STOP/TAIL LAMP

Function	Rear Indicator
Size	167mm x 122mm x 40mm
Voltage	Multivolt 12-24V
LED Qty	12
Cable	30cm, Part No. 53102

Draw	Indicator
@13.8V	0.20A
@28V	0.14A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	35298

Part Number
130CCAM - Blister

Blister Includes Grommet, Chrome Hood & Plug

INDICATOR LAMP

Fitting Instructions and Technical Drawings

Fit grommet into cut out (cut out 139 x 91mm), plug wire into lamp and run through back then push into grommet. Screw chrome hood over grommet with screws provided. Please refer to ADR 13/00 for mounting instructions.

167mm
122mm
40mm
139mm
91mm
Grommet Cutout

110CC Series
Chrome Truck Series
Recess Mount

- Chrome Hooded Recessed Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt **ADR Approved** **IP67 Rated**

Function	Stop/Tail
Size	148mm Round x 30mm
Voltage	Multivolt 12-24V
LED Qty	12
Cable	Part No. 53102 Included

Draw	Stop	Tail
@13.8V	0.23A	0.08A
@28V	0.14A	0.02A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	35299
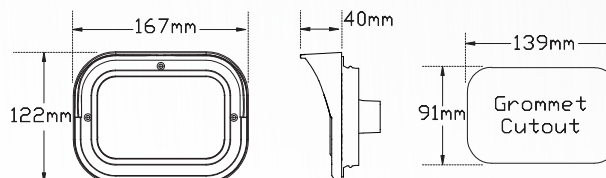
Part Number

110CCRM   - Blister
110CCRMB - Bulk (Lens Only)

Blister Includes Grommet, Chrome Hood & Plug

Function	Rear Indicator
Size	148mm Round x 30mm
Voltage	Multivolt 12-24V
LED Qty	12
Cable	Part No. 53102 Included

Draw	Indicator
@13.8V	0.16A
@28V	0.13A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 2a	35298

Part Number

110CCAM   - Blister
110CCAMB - Bulk (Lens Only)

Blister Includes Grommet, Chrome Hood & Plug

Fitting Instructions and Technical Drawings

Fit grommet into cut out (cut out 115m radius), plug wire into lamp and run through back then push into grommet. Screw chrome hood over grommet with screws provided. Please refer to ADR 13/00 for mounting instructions.

30mm
148mm
115mm
80mm

Grommet Cutout

5543 Series
Screw Mount
Clip on Bracket

- American Style Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Stop/Tail	
Size	144mm Round x 22mm	
Voltage	Multivolt 12-24V	
LED Qty	10	
Cable	20cm	

Draw	Stop	Tail
@13.8V	0.17A	0.01A
@28V	0.09A	0.01A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	45130
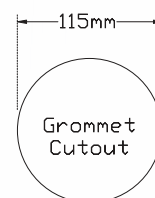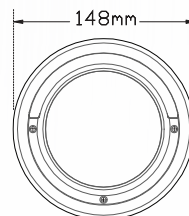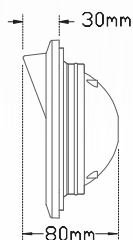
Part Number
5543RM - Blister

Function	Rear Indicator	
Size	144mm Round x 22mm	
Voltage	Multivolt 12-24V	
LED Qty	10	
Cable	20cm	

Draw	Indicator
@13.8V	0.20A
@28V	0.12A

Approvals	Function	Category	CRN
ADR	Indicator	6/00/2a	45129

Part Number
5543AM - Blister

Function	Reverse	
Size	144mm Round x 22mm	
Voltage	12 Volt Only	
LED Qty	10	
Cable	20cm	

Draw	Reverse
@13.8V	0.15A

Approvals	Function	Category	CRN
Nil	Reverse	N/A	N/A

Part Number
5543W - Blister

Fitting Instructions
and Technical Drawings

Remove bezel and surface mount to flat surface with screws, clip bezel into place. Please refer to ADR 13/00 for mounting instructions.

22mm
15mm
144mm
139mm
120°

5437 Series
Screw Mount
Clip on Bracket

- Popular Truck Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 Volt Only   **ADR** Approved   **IP67** Rated

Function	Stop/Tail	
Size	200mm x 94mm x 28mm	
Voltage	12 Volt Only	
LED Qty	24	
Cable	20cm	

Draw	**Stop**	**Tail**
@13.8V	0.30A	0.02A

Approvals	**Function**	**Category**	**CRN**
ADR	Stop/Tail	49/00	37675

Part Number
5437R - Blister

Function	Rear Indicator	
Size	200mm x 94mm x 28mm	
Voltage	12 Volt Only	
LED Qty	24	
Cable	20cm	

Draw	**Indicator**
@13.8V	0.43A

Approvals	**Function**	**Category**	**CRN**
ADR	Indicator	6/00/2a	37674

Part Number
5437A - Blister

Function	Supplementary Reverse	
Size	200mm x 94mm x 28mm	
Voltage	12 Volt Only	
LED Qty	24	
Cable	20cm	

Draw	**Reverse**
@13.8V	TBA

Approvals	**Function**	**Category**	**CRN**
Nil	Reverse	N/A	N/A

Part Number
5437W - Blister

Fitting Instructions and Technical Drawings

Remove bezel and surface mount to flat surface with screws, clip bezel into place. Please refer to ADR 13/00 for mounting instructions.

200mm
28mm
94mm
184mm

5563 Series
Screw Mount
Clip on Bracket

- American Style Design
- Shock, Dust & Water Proof
- 5 Year Warranty

12 Volt Only

IP67 Rated

Function	Stop/Tail
Size	191mm x 84mm x 22mm
Voltage	12 Volt Only
LED Qty	10
Cable	15cm

Draw @13.8V	**Stop**	**Tail**
	0.27A	0.07A

Approvals	**Function**	**Category**	**CRN**
Nil	Stop/Tail	N/A	N/A

Part Number
5563R - Blister

Function	Rear Indicator
Size	191mm x 84mm x 22mm
Voltage	12 Volt Only
LED Qty	10
Cable	15cm

Draw @13.8V	**Indicator**
	0.13A

Approvals	**Function**	**Category**	**CRN**
Nil	Indicator	N/A	N/A

Part Number
5563A - Blister

Function	Reverse
Size	191mm x 84mm x 22mm
Voltage	12 Volt Only
LED Qty	10
Cable	15cm

Draw @13.8V	**Reverse**
	0.15A

Approvals	**Function**	**Category**	**CRN**
Nil	Reverse	N/A	N/A

Part Number
5563W - Blister

Fitting Instructions
and Technical Drawings

Remove chrome bezel and fix horizontally to mounting surface using the four mounting holes in the lamp. Run wires through back and then refit the chrome bezel. Please refer to ADR 13/00 for mounting instructions.

22mm

191mm 84mm

177mm 70mm
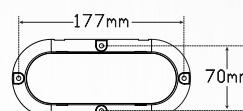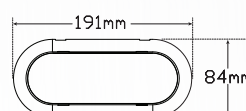
77 Series
Chrome Truck Series
3M Tape Design

- 3M Design Ensures
- Waterproof Between Roof & Lamp
- 5 Year Warranty

9 – 32 Multivolt   **IP67** Rated

Function	Supplementary Cab Marker
Size	77mm x 52mm x 22mm
Voltage	Multivolt 9-32V
LED Qty	3 White
Cable	30cm

Draw	@13.8V	@28V
	TBA	TBA

Approvals	Function	Category	CRN
Nil	N/A	N/A	N/A

Part Number
77WCM - Blister

Function	Supplementary Cab Marker
Size	77mm x 52mm x 22mm
Voltage	Multivolt 9-32V
LED Qty	3 Amber
Cable	30cm

Draw	@13.8V	@28V
	0.12A	0.08A

Approvals	Function	Approval No.
Nil	N/A	N/A

Part Number
77ACM - Blister

Fitting Instructions and Technical Drawings

Drill 10mm hole into flat surface and mount with 3M Tape and serrated plug.

22mm   Ø10mm   77mm   52mm

SAFER TRAVEL FOR ALL
ROAD USERS

MERGE WITH CONFIDENCE KNOWING YOUR ENTIRE TRAILER IS INDICATING YOUR INTENDED DIRECTION.

The 97 series side marker/indicator combination lamp design will revolutionize road safety as well as help save lives. Statistics show 54% of road crash injuries and 10% of fatalities happen in the same direction incident or from a sideswipe between articulated trucks and light vehicles. Heavy to heavy vehicles statistics also show a significant proportion of same direction incidents, with 33% of them fatal.

This cutting-edge design would have all the markers down the side of your trailer act as side direction indicators. The extra volume of light would give other vehicles plenty of warning with the intention that larger vehicles are merging into traffic. To finish the range we have also made available a front and rear end outline marker version that not only functions as a marker but also acts as a supplementary indicator function. This function is not ADR/ECE approved.

Offering a new modern design and appeal, this range of marker/indicator combination lamps provide the latest in innovative function and design. Featuring a surface mounted base that enables both the lens and bezel to clip neatly into place and conveniently conceals the mounting hardware with no visible screws. Standard 3 core 40cm cable or 20cm with plug connector.

Adaptable Cables and Plugs for the Marker/Indicator Lamp Series to suit the Heavy Duty Truck Harness System, go to page 32-33

Connection Plug and Cover

Part No. 3P3WB — 3 Way Plug to connect cable for additional lamps along the side of the trailer.

Part No. 2P3CB — Cover for the 3 way plug connection.

Cable Lengths Available

3PMF2B	Cable Length: 2m
3PMF3B	Cable Length: 3m
3PMF4B	Cable Length: 4m
3PMF5B	Cable Length: 5m

Statistical Data sourced from https://www.bitre.gov.au/ 2016 publications.

97 Series Marker Lamps with Direction Indicator
Base Mount – Clip in Lamp

- New Design
- Low Profile
- 5 Year Warranty

12 – 24 Multivolt | **ADR** Approved | **IP67** Rated

Indicator Function

Marker Function

Function	Side Marker/ Category 5/6 Side Direction Indicator
Size	97mm x 45mm x 28mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	@13.8V	@28V
	TBA	TBA

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	TBA
ADR	Side Direction	6/00 Cat5/6	TBA

Part Numbers
97CARIM - Blister
97CARIMB - Bulk

Indicator Function

Marker Function

Function	Rear End Outline Marker/ Supplemental Rear Indicator
Size	97mm x 45mm x 28mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	@13.8V	@28V
	TBA	TBA

Approvals	Function	Category	CRN
ADR	Rear End	49/00	TBA

Part Numbers
97CRIM - Blister
97CRIMB - Bulk

Indicator Function

Marker Function

Function	Side Marker/ Category 5/6 Side Direction Indicator
Size	97mm x 45mm x 28mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	@13.8V	@28V
	TBA	TBA

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	TBA
ADR	Side Direction	6/00 Cat5/6	TBA

Part Numbers
97CAIM - Blister
97CAIMB - Bulk

Indicator Function

Marker Function

Function	Front End Outline Marker/ Supplemental Front Indicator
Size	97mm x 45mm x 28mm
Voltage	Multivolt 12-24V
Cable	40cm

Draw	@13.8V	@28V
	TBA	TBA

Approvals	Function	Category	CRN
ADR	Front End	49/00	TBA

Part Numbers
97CWIM - Blister
97CWIMB - Bulk

Fitting Instructions, and Technical Drawings

Drill a 10mm hole for the wire and plug, then surface mount base using screws provided. Clip lamp in place. Please refer to ADR 13/00 for mounting instructions.

97mm   28mm   45mm   28.5mm

37 Series
Modern Design
3M Tape Fitting

- Easy to fit - No Tools Required
- Modern Design
- 5 Year Warranty

12 – 24 Multivolt   **ADR/ECE Approved**   **IP67 Rated**

Part Number

37CARMB2P - Bulk

Function	Side Marker
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	@13.8V	@28V
	0.04A	0.04A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	47219

Part Number

37CRMB2P - Bulk

Function	Rear End Outline Marker
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	@13.8V	@28V
	0.04A	0.04A

Approvals	Function	Approval No.
ECE	Rear End	R1-E9-02.6917

Part Number

37CAMB2P - Bulk

Function	Side Marker/Side Direction
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	@13.8V	@28V
	0.04A	0.04A

Approvals	Function	Approval No.
ECE	Side Marker	SM1-E9-00.1017
ECE	Side Direction	5-E9-01.6204

Part Number

37CWMB2P - Bulk

Function	Front End Outline Marker
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	@13.8V	@28V
	0.04A	0.04A

Approvals	Function	Approval No.
ECE	Front End	A-E9-02.6918

Fitting Instructions and Technical Drawings

Drill a 10mm hole for the serrated plug. Pull the sheathed cable through the hole. Remove the protective film from the 3M tape. Push the serrated plug into the hole. Line up the lamp and press firmly. The lamp is held securely with the plug serrations and high quality 3M tape. Please refer to ADR 13/00 for mounting instructions.
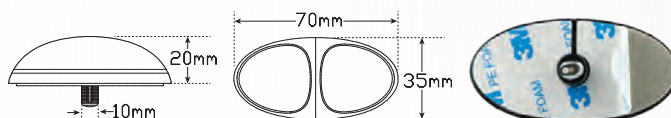
42 Series
Bracket Mount
Clip in Lens

- Clear Lens Design
- Polycarbonate Lens
- 5 Year Warranty

12 - 24 Multivolt **ADR** Approved **IP67** Rated

Function	Side Marker		
Size	74mm x 38mm x 35mm		
Voltage	Multivolt 12-24V		
LED Qty	2		
Cable	16cm		
Draw	**@13.8V**	**@28V**	
	0.05A	0.06A	
Approvals	**Function**	**Category**	**CRN**
ADR	Side Marker	45/01	42837

Part Numbers
42CARM - Blister
42CARMB - Bulk Box of 10

Function	Rear End Outline Marker		
Size	74mm x 38mm x 35mm		
Voltage	Multivolt 12-24V		
LED Qty	2		
Cable	16cm		
Draw	**@13.8V**	**@28V**	
	0.05A	0.06A	
Approvals	**Function**	**Category**	**CRN**
ADR	Rear End	49/00	42839

Part Numbers
42CRM - Blister
42CRMB - Bulk Box of 10

Function	Side Direction Indicator		
Size	74mm x 38mm x 35mm		
Voltage	Multivolt 12-24V		
LED Qty	3		
Cable	16cm		
Draw	**@13.8V**	**@28V**	
	0.05A	0.06A	
Approvals	**Function**	**Category**	**CRN**
ADR	Side Direction	6/00/5	42836

Part Numbers
42CAM - Blister
42CAMB - Bulk Box of 10

Function	Front End Outline Marker		
Size	74mm x 38mm x 35mm		
Voltage	Multivolt 12-24V		
LED Qty	2		
Cable	16cm		
Draw	**@13.8V**	**@28V**	
	0.03A	0.03A	
Approvals	**Function**	**Category**	**CRN**
ADR	Front End	49/00	42840

Part Numbers
42CWM - Blister
42CWMB - Bulk Box of 10

Fitting Instructions, and Technical Drawings

Mount bracket horizontally onto flat surface, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

74mm · 35mm · 38mm · 28.5mm · 50.8mm

35 Series
Bracket Mount
Clip in Lens

- 15 Years in Production
- Low Profile Design
- 5 Year Warranty

12 – 24 Multivolt   **ADR Approved**   **IP67 Rated**

Function	Side Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.10A	0.07A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	34099

Part Numbers
35CARM - Clear Lens, Blister
35CCARM - Clear Lens, Chrome PCB, Blister

Clear Lens

Coloured Lens

Function	Rear End Outline Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.12A	0.07A

Approvals	Function	Category	CRN
ADR	Rear End	49/00	34007

Part Numbers
35CRM - Red Lens, Blister
35CCRM - Clear Lens, Chrome PCB, Blister

Clear Lens

Coloured Lens

Function	Side Direction Indicator
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.10A	0.07A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	33894

Part Numbers
35CAM - Amber Lens, Blister
35CCAM - Clear Lens, Chrome PCB, Blister

Function	Front End Outline Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.05A	0.04A

Approvals	Function	Category	CRN
ADR	Front End	49/00	34008

Part Numbers
35CWM - Clear Lens, Blister
35CCWM - Clear Lens, Chrome PCB, Blister

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

21mm   58mm   35mm   28.50mm

58 Series
Bracket Mount
Clip in Lens

- Price Competitive
- Low Profile Design
- 5 Year Warranty

12 – 24 Multivolt **ADR Approved** **IP67 Rated**

Part Numbers

58CARM - 40cm Cable, Blister
58CARMB - 40cm Cable, Bulk Box of 10
58CARM3 - 3m Cable, Bulk

Function	Side Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	40cm or 3m

Draw	@13.8V	@28V
	0.10A	0.04A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	36841

Part Numbers

58CRM - Blister
58CRMB - Bulk Box of 10

Function	Rear End Outline Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	40cm

Draw	@13.8V	@28V
	0.12A	0.04A

Approvals	Function	Category	CRN
ADR	Rear End	49/00	36840

Part Numbers

58CAM - 40cm Cable, Blister
58CAMB - 40cm Cable, Bulk Box of 10
58CAM3 - 3m Cable, Bulk

Function	Side Direction Indicator
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	40cm or 3m

Draw	@13.8V	@28V
	0.10A	0.04A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	38277

Part Numbers

58CWM - 40cm Cable, Blister
58CWMB - 40cm Cable, Bulk Box of 10
58CWM3 - 3m Cable, Bulk

Function	Front End Outline Marker
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	40cm or 3m

Draw	@13.8V	@28V
	0.05A	0.03A

Approvals	Function	Category	CRN
ADR	Front End	49/00	36842

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.

21mm

58mm

35mm

28.50mm
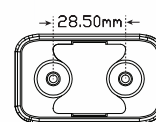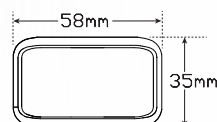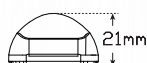
Chrome Series

86 Series
Chrome Truck Series
Surface Mount

- Compact, Low Profile
- Brushed Steel Bezel
- 5 Year Warranty

12 – 24 Multivolt **ADR Approved** **IP67 Rated**

Function	Side Marker
Size	86mm x 31mm x 16mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	15cm

Draw	@13.8V	@28V
	0.05A	0.06A

Approvals	Function	Category	CRN
ADR	Side Marker	45/01	48024

Part Numbers
86ARM   - Blister
86ARMB   - Bulk

Function	Rear End Outline Marker
Size	86mm x 31mm x 10mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	15cm

Draw	@13.8V	@28V
	0.05A	0.06A

Approvals	Function	Category	CRN
ADR	Rear End	49/00	46821

Part Numbers
86RM   - Clear Lens, Blister
86RMB   - Clear Lens, Bulk
86RRM   - Red Lens, Blister
86RRMB   - Red Lens, Bulk

Function	Side Direction Marker
Size	86mm x 31mm x 10mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	15cm

Draw	@13.8V	@28V
	0.05A	0.06A

Approvals	Function	Category	CRN
ADR	Side Direction	74/00	46827

Part Numbers
86AM   - Clear Lens, Blister
86AMB   - Clear Lens, Bulk
86AAM   - Amber Lens, Blister
86AAMB   - Amber Lens, Bulk

Function	Front End Outline Marker
Size	86mm x 31mm x 10mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	15cm

Draw	@13.8V	@28V
	0.01A	0.01A

Approvals	Function	Category	CRN
ADR	Front End	49/00	46897

Part Numbers
86WM   - Blister
86WMB   - Bulk

Fitting Instructions and Technical Drawings

Surface mount horizontally. Remove stainless steel bezel and fit with screw, then clip bezel back into place. Please refer to ADR 13/00 for mounting instructions.

16mm / 10mm / 86mm / 31mm
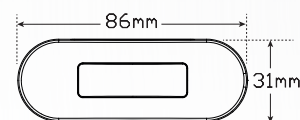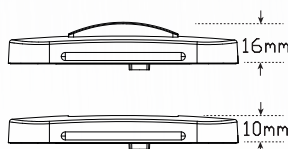
30 Series
Chrome Truck Series
Screw Mount

- Compact Design
- Low Profile
- 5 Year Warranty

12-24 Multivolt **ADR Approved** **IP67 Rated**

Function	Licence Plate Lamp
Size	65mm x 30mm x 24mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	14cm

Draw	**@13.8V**	**@28V**
	0.02A	0.03A

Approvals	**Function**	**Category**	**CRN**
ADR	Licence (2 Required)	48/00	40511

Part Numbers
30CLM - Twin Blister
6434CLM - Bulk

65mm, 30mm, 24mm

Fitting Instructions and Technical Drawings

Run wires through hole, fix using screws supplied. Two Lamps required. Please refer to ADR 13/00 for mounting instructions.

Side Mount — 240mm, 372mm
Top Mount — 125mm, 134mm, 372mm

35 Series
Screw Mount

Function	Licence Plate Lamp
Size	76mm x 42mm x 30mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	**@13.8V**	**@28V**
	0.04A	0.04A

Approvals	**Function**	**Category**	**CRN**
ADR	Licence (1 Required)	48/00	36280

Part Numbers
35CLM - Blister
35CLMB - Bulk
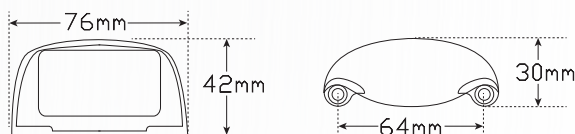
76mm, 42mm, 30mm, 64mm

Fitting Instructions and Technical Drawings

Fit onto flat surface with 20mm raised blocks. Please refer to ADR 13/00 for mounting instructions.

Side Mount — 134mm, 23.6mm, 372mm
Top Mount — 27mm, 134mm, 372mm

Licence Plate Lamps
Screw Mount

- Compact Design
- Low Profile
- 5 Year Warranty

12 – 24 Multivolt **ADR Approved** **IP67 Rated**

Function	Licence Plate Lamp
Size	65mm x 30mm x 24mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	14cm

Draw	**@13.8V**	**@28V**
	0.02A	0.03A

Approvals	**Function**	**Category**	**CRN**
ADR	Licence (2 Required)	48/00	40511
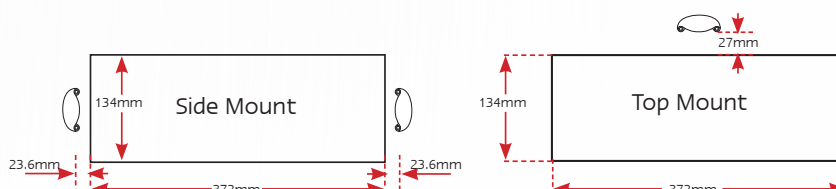
Part Numbers

30BLM   - Twin Blister
6434BLM - Bulk

**Chrome Available
Page 137**

Fitting Instructions and Technical Drawings

Run wires through hole, fix using screws supplied. Two Lamps required. Please refer to ADR 13/00 for mounting instructions.

65mm / 30mm / 24mm

240mm — Side Mount — 372mm

125mm / 134mm — Top Mount — 372mm
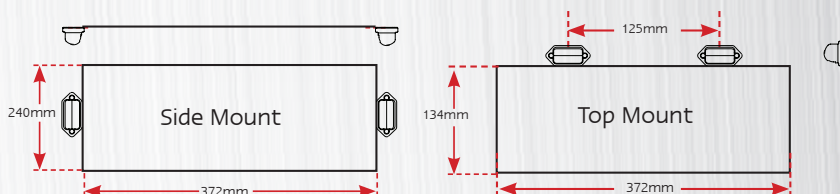
Licence Plate Lamps
Screw Mount

Function	Licence Plate Lamp
Size	76mm x 42mm x 30mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm/1m

Draw	**@13.8V**	**@28V**
	0.04A	0.04A

Approvals	**Function**	**Category**	**CRN**
ADR	Licence (1 Required)	48/00	36280

Part Numbers

35BLM   - 40cm Cable, Blister
35BLMB   - 40cm Cable, Bulk
35BLM1P   - 1m Cable, Blister
35BLMB2P - 2 Pin Plug, Bulk
35BLMCSB - 2 Pin Plug, Bulk

**Chrome Available
Page 137**
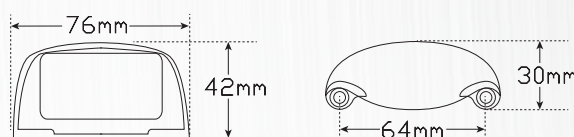
76mm / 42mm / 30mm / 64mm

Fitting Instructions and Technical Drawings

Fit onto flat surface with 20mm raised blocks. Please refer to ADR 13/00 for mounting instructions.

134mm — Side Mount — 372mm / 23.6mm / 23.6mm

27mm / 134mm — Top Mount — 372mm

Licence Plate Lamps
3M Tape Design

- Compact Design
- Low Profile
- 5 Year Warranty

12 – 24 Multivolt   **ECE Approved**   **IP67 Rated**

Function	Licence Plate Lamp
Size	60mm x 22mm x 22mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	10cm/50cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Approval No.
ECE	Licence	L-E9-00.1066 (2 Required)

Part Numbers
60BLM - 10cm Cable, Twin Blister
60BLMB - 50cm Cable, Bulk

Fitting Instructions and Technical Drawings

Fit onto flat surface with 43.5mm raised blocks. Drill a 10mm hole, pull the cable through. Remove film from the 3M tape & push serrated plug into the hole and press firmly.

Side Mount

Top Mount

Licence Plate Lamps
Screw Mount
Screw Caps

Function	Licence Plate Lamp
Size	70mm x 42mm x 40mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	23cm/10cm with plug

Draw	@13.8V	@28V
	0.05A	0.04A

Approvals	Function	Approval No.
ECE	Licence	L-E9-00.1222 (2 Required)

Part Numbers
41BLM - 23cm Cable, Blister
41BLMB - 23cm Cable, Bulk
41BLM2P - 10cm Cable 2 Pin Plug, Bulk
41BLMCSB - 2 Pin Plug, Bulk

Fitting Instructions and Technical Drawings

Fit onto flat surface with 12mm raised blocks. Please refer to ADR 13/00 for mounting instructions.

Side Mount

Top Mount
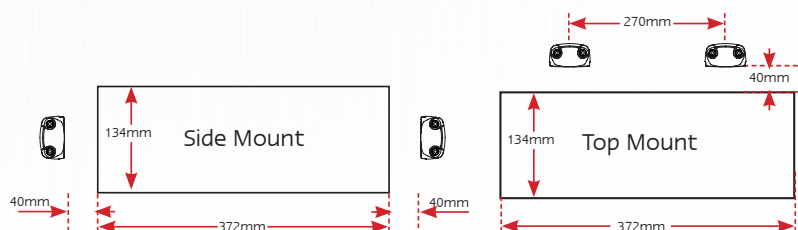
SLEEKEST CAT 6 SIDE DIRECTION INDICATOR ON THE MARKET

Trades, recreational, and 4x4 vehicles are increasingly requiring GVM (Gross Vehicle Mass) upgrades to enable greater weight capacity. A consequence of this is the need to upgrade the side direction lighting from the manufacturer's Category 5 to a Category 6 side direction indicator. This is a legal requirement when a vehicle's GVM exceeds 3500kg. The sleek, new, compact designed 77 series ensures that a vehicle with this GVM upgrade is still legally road compliant, without having to use the large, bulky Cat 6 markers currently available on the market.

ECE Approved

3M Tape Fitting

9 – 32 Multivolt

Custom Wiring Kits

We can also professionally custom-fit and supply the 77 series with plugs and wiring to patch into a specific model vehicle, ask us how.

3M Tape Fitting Design

Function	Side Direction Category 6
Size	77mm x 52mm x 22mm
Voltage	Multivolt 9-32V
LED Qty	3
Cable	30cm

Draw	@13.8V	@28V
	0.12A	0.08A

Approvals	Function	Approval No.
ECE	Cat6 Side Direction	E9*6R01/29*22383*00

Part Number
77AM2 - Coloured Lens, Twin Blister

Suits M2-3, N1 Class Over 6m and all N2-N3 Class

Function	Side Direction Category 6
Size	77mm x 52mm x 22mm
Voltage	Multivolt 9-32V
LED Qty	3
Cable	30cm

Draw	@13.8V	@28V
	0.12A	0.08A

Approvals	Function	Approval No.
ECE	Cat6 Side Direction	E9*6R01/29*22383*00

Part Number
77ACM2 - Clear Lens, Twin Blister

Suits M2-3, N1 Class Over 6m and all N2-N3 Class

Fitting Instructions and Technical Drawings

Drill 10mm hole into flat surface and mount horizontally to the ground with 3M Tape and serrated plug. LEDs must be facing the rear of the vehicle. Please refer to ADR 13/00 for mounting instructions.

77mm
52mm
22mm
Ø10mm
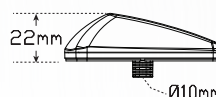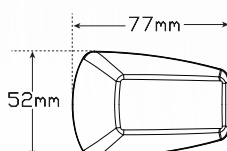
3102 Series
Bracket Mount
Clip in Lens

- Side Direction Indicator
- Category 6 Approved
- 5 Year Warranty

9 – 33 Multivolt **ECE Approved** **IP67 Rated**

Function	Side Direction Category 6
Size	150mm x 88mm x 30mm
Voltage	Multivolt 9-33V
LED Qty	12
Cable	19cm

Draw	@13.8V	@28V
	0.18A	0.10A

Approvals	Function	Approval No.
ECE	Cat6 Side Direction	E4-6R-01.6333

Part Number
3102BM - Black Base, Bulk

Suits M2-3, N1 Class Over 6m and all N2-N3 Class

Function	Side Direction Category 6
Size	150mm x 88mm x 30mm
Voltage	Multivolt 9-33V
LED Qty	12
Cable	19cm

Draw	@13.8V	@28V
	0.18A	0.10A

Approvals	Function	Approval No.
ECE	Cat6 Side Direction	E4-6R-01.6333

Part Number
3102CM - Chrome Base, Bulk

Fitting Instructions and Technical Drawings

Surface mount bracket onto flat surface horizontally to the ground using three screw points, run wires through back and clip lens into place. LEDs must be facing to the rear of the vehicle.
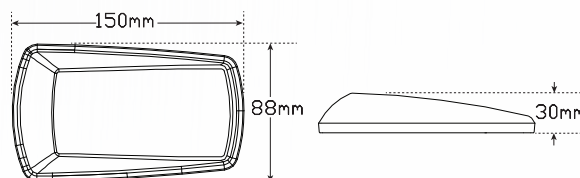
150mm 88mm 30mm

Category 5
Side Direction Indicator
3M Tape Fitting

- Side Direction Indicator
- Category 5 Approved
- 5 Year Warranty

12 – 24 Multivolt   **ADR** Approved   **IP67** Rated

Function	Side Direction Category 5
Size	50mm x 25mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	20cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	47215
ADR	Side Marker	49/00	47214
ADR	Front Position	49/00	47218

Part Numbers
5025AM2 - Twin Blister
5025AMB - Bulk

50mm · 21mm · 25mm · 10mm

Bracket Mount
Clip in Lens

Function	Side Direction Category 5
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	40cm, 10cm or 3m

Draw	@13.8V	@28V
	0.10A	0.04A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	38277
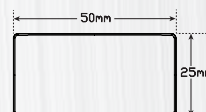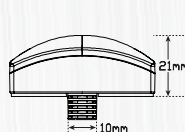
Part Numbers

58AM - Black, Blister
58AMB - Black, Box of 10
58AM3 - Black, 3m Cable, Bulk
58CAMB - Chrome, Box of 10

21mm · 58mm · 35mm · 28.50mm
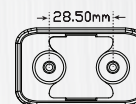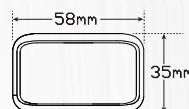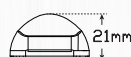
Bracket Mount
Clip in Lens

Function	Side Direction Category 5
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.10A	0.07A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	33894
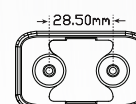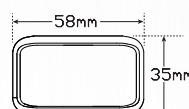
Part Numbers

35AM - Black, Blister
35AMB - Black, Bulk
35CAM - Chrome, Blister
35CCAM - Clear Lens, Chrome, Blister

21mm · 58mm · 35mm · 28.50mm

Category 5
Side Direction Indicator
3M Tape Fitting

- Side Direction Indicator
- Category 5 Approved
- 5 Year Warranty

12 – 24 Multivolt   **ADR/ECE** Approved   **IP67** Rated

Function	Side Direction Category 5
Size	70mm x 35mm x 20mm
Voltage	Multivolt 12-24V
LED Qty	2
Cable	10cm with plug

Draw	@13.8V	@28V
	0.04A	0.04A

Approvals	Function	Approval No.
ECE	Side Direction	5-E9-01.6204

Part Numbers
37AM2P - Blister
37AMB2P - Bulk

Bracket Mount
Clip in Lens

Function	Side Direction Category 5
Size	74mm x 38mm x 35mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	16cm

Draw	@13.8V	@28V
	0.05A	0.06A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	42836
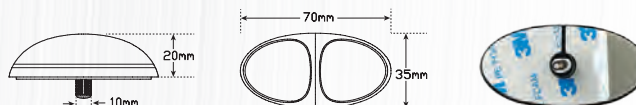
Part Numbers
42AM - Black, Blister
42AMB - Black, Box of 10
42CAMB - Chrome, Box of 10

74mm   28.5mm   35mm   38mm   50.8mm
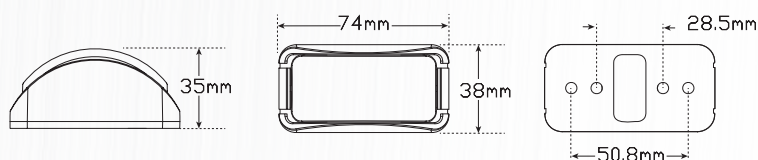
Screw on Lamp
Clip in Bracket

Part Number
38AM - Blister

Function	Side Direction Category 5
Size	135mm x 38mm x 22mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm

Draw	@13.8V	@28V
	0.05A	0.06A

Approvals	Function	Category	CRN
ADR	Side Direction	6/00/5	40377
ADR	Side Marker	74/00	40385
ADR	Reflector	47/00	38102

22mm   38mm   51mm   135mm
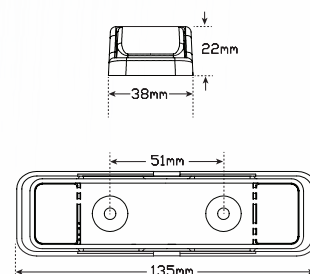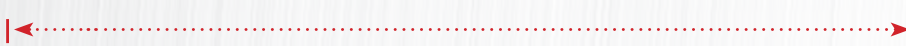
Harness System Indicator Lamps and Plugs

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods | **IP68** Tested | **RoHS** Compliant

Adaptable Cables and Plugs of the Indicator Lamp Series to suit the Heavy Duty Truck Harness System

The heavy duty truck harness system has provisions for a separate side direction indicator lamp. Simply plug in the indicator adapter plug 7CMIB into the harness system, then run a 2 core cable to adapt an indicator lamp, if you require a second indicator lamp then add the 2 core splitter 2P3WB for an extra cable to connect the lamp. All connectors have covers available for a secure fitment of the cables insuring Dangerous Goods Rating AS2809.

Left & Right Indicator Lamp Splitter

Defined by its Yellow colour the 7CMIB is a splitter from the 7 Core cable that powers both the left and right hand side indicator lamps, the 7CMIB is a dual splitter at right angle to the 7 Core cable. Connection covers are available for secure fitment and Dangerous Goods Rating AS2809.
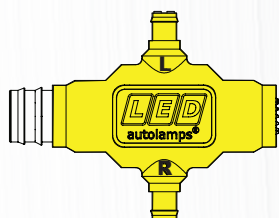
Part No. 7CMIB Plug Dimension Width 60mm, Length 78mm
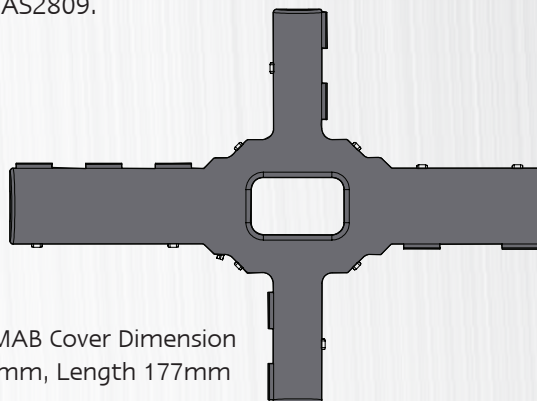
Part No. CMAB Cover Dimension Width 130mm, Length 177mm

Left & Right Indicator Lamp Splitter

The 7CIRLB is a splitter that runs parallel with the 7 Core cable and powers both the left and right hand side indicator lamps, the 7CMIB is a dual splitter at inline to the 7 Core cable. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
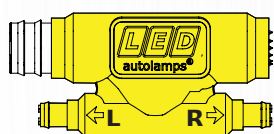
Part No. 7CILRB Plug Dimension Width 37mm, Length 78mm
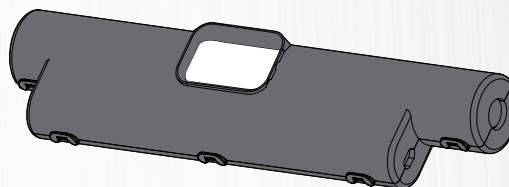
Part No. CMBBB Cover Dimension Width 44mm, Length 177mm

Indicator Lamp Splitters (Inline)

The 7CILB is a single splitter and runs parallel with the 7 Core cable and is used for left hand indicator. The 7CIRB is a single splitter and runs parallel with the 7 Core cable and is used for right hand indicator. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
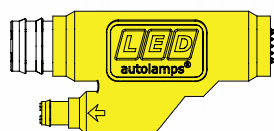
Part No. 7CILB Plug Dimension Width 37mm, Length 78mm
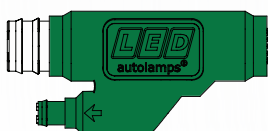
Part No. 7CIRB Plug Dimension Width 37mm, Length 78mm
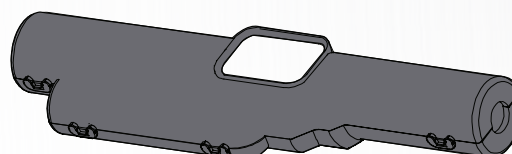
Part No. CMBB Cover Dimension Width 44mm, Length 177mm

Harness System
Side Indicator
Rear Indicator Lamps

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods

IP68 Tested

RoHS Compliant

Cable Lengths with Male and Female Plugs, use when adding 2 core cable lamps

2PMF.25B — 25 centimetres

2PMF.5B — 50 centimetres

2PMF1B — 1 metre

2PMF1.5B — 1.5 metres

2PMF2B — 2 metres

2PMF2.5B — 2.5 metres

2PMF3B — 3 metres

2PMF4B — 4 metres

2PMF5B — 5 metres

Side Direction Indicators

Part No. 5025AMCSB
200mm Cable with plug

Part No. 37AMCSB
200mm Cable with plug

Part No. 58AMCSB
200mm Cable with plug

Part No. 42AMCSB
200mm Cable with plug
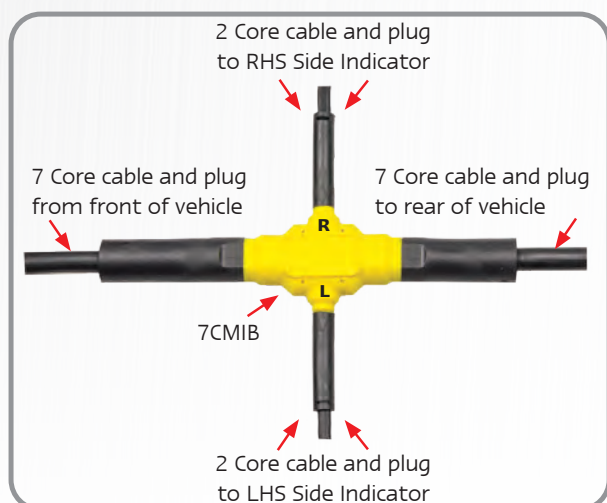
2 Core cable and plug to RHS Side Indicator

7 Core cable and plug from front of vehicle

7 Core cable and plug to rear of vehicle

R

L

7CMIB

2 Core cable and plug to LHS Side Indicator

Indicator splitters to suit RHS and LHS Side direction Indicators when space is limited

7CILB   7CIRB

Indicator splitters to suit RHS and LHS Rear direction Indicators when more than one Indicator is required at the rear of the vehicle

SUPER LOW PROFILE
FRONT INDICATORS

Although small in size, the new mini 11/12 series lamps look great with a slick, clean, modern design and offer features and flexibility for bull bars exclusive to LED. Vibration resistant, and they are also comprehensively tested to extreme IP67 standards for dust and water ingress. Measuring just 89mm and 130mm in length respectively, 30mm high, and 8mm on its side profile makes them perfect for small, tight spaces. The low-profile design also provides the benefit of helping avoid unwanted impact damage. An enhanced Fresnel style lens supports three high powered SMD LEDs, ensuring exceptional light efficiency, which not only shines brightly in all functions but exceeds the stringent ECE standards for road approval. LED Autolamps have made standard the use of super-strong 3M tape with screws for fixing to any clean flat surface. The tape ensures a secure, strong adhesion and will not move even when subjected to high-pressure cleaning. These lamps have been specially designed to be fit for purpose with ease of fit in mind and will surely not disappoint.

- Slimline, Low Profile Design
- Shock, Dust & Waterproof
- 5 Year Warranty

12 – 24 Multivolt   **ECE** Approved   **IP67** Rated

Screw Mount

Function	Front Indicator
Size	89mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	45cm

Draw	
@13.8V	TBA
@28V	TBA

Approvals	Function	Approval No.
ECE	Front Indicator	TBA

Part Number
11CAT1M-2 - Twin Blister

Fitting Instructions and Technical Drawings

Mount horizontally onto a flat surface using 3M tape and screws supplied. Please refer to ADR 13/00 for mounting instructions.

89mm — 8mm — 30mm — 78.5mm

Screw Mount

Function	Front Indicator
Size	131mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	40cm

Draw	
@13.8V	TBA
@28V	TBA

Approvals	Function	Approval No.
ECE	Front Indicator	TBA
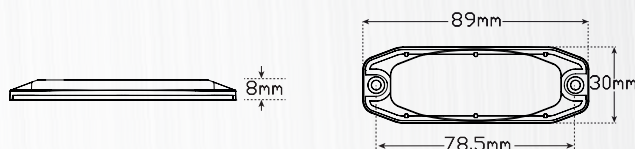
Part Number
12CAT1M-2 - Twin Blister

Fitting Instructions and Technical Drawings

Mount horizontally onto a flat surface using 3M tape and screws supplied. Please refer to ADR 13/00 for mounting instructions.

131mm — 8mm — 30mm — 120mm

135 Series
Front Indicator/Position
Bracket Mount or
Grommet Mount

- Low Profile Slimline Design
- Shock, Dust & Waterproof
- 5 Year Warranty

12 or 24 Volt   **ADR/ECE** Approved   **IP67** Rated

Part Number

135AW2 - 12V, Twin Blister

Function	Front Indicator/Position
Size	135mm x 38mm x 24 mm
Voltage	12 Volt Only
LED Qty	4 (Position), 14 (Indicator)
Cable	20cm

Draw	Indicator	Position
@13.8V	0.25A	0.04A

Approvals	Function	Approval No.
ECE	Indicator	R6.01.E9.11745
ECE	Position	R7.02a.E9.11745
ECE	EMC R10	E11*10R05/01*5243*03

Part Numbers

135CAT1 - 12V, Blister
135CAT124 - 24V, Blister

Function	Front Indicator
Size	135mm x 38mm x 24 mm
Voltage	12 Volt or 24 Volt
LED Qty	18
Cable	40cm

Draw	Indicator
@13.8V	0.39A
@28V	0.17A

Approvals	Function	Category	CRN
ADR	Indicator 12V	6/00 Cat1	39340
ADR	Indicator 24V	6/00 Cat1	42131
ECE	EMC R10	E11*10R05/01*5243*03	

Part Number 135G
Rubber Grommet Available

Fitting Instructions
and Technical Drawings

Horizontally surface mount with screws or plugs provided and clip lens into place. Recess mount with accessory grommet. Refer to ADR 13/00 for mounting instructions.

133mm
Cut Out   36mm

135mm
24mm

80mm
38mm
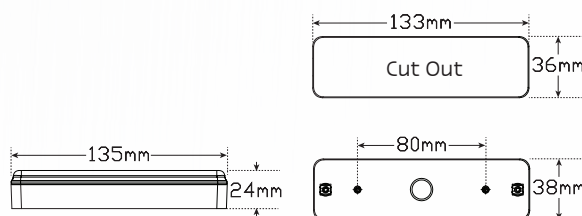
235 Series
Recess Mount
Screw Secured

- Low Profile Design
- Shock, Dust & Waterproof
- 5 Year Warranty

12 Volt Only   **ADR** Approved   **IP67** Rated

Front Indicator

Part Number
235CAT1 - Blister

Function	Front Indicator
Size	237mm x 25mm x 3mm
Voltage	12 Volt Only
LED Qty	10
Cable	40cm

Draw	**Indicator**
@13.8V	0.19A
@28V	0.10A

Approvals	**Function**	**Category**	**CRN**
ADR	Indicator	6/00 Cat1	44226

Fitting Instructions
and Technical Drawings

Recess mount onto flat surface horizontally. Push lamp and grommet into cut out (cut out 203mm x 19mm) in mounting surface, run wires through back and fix with screws. Products can also be mounted using surface mounting brackets sold separately. Please refer to ADR 13/00 for mounting instructions.

216mm   Cut Out 203mm x 19mm   237mm   25mm   3mm
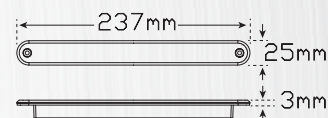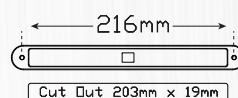
200 Series
Front Direction Indicator
Front Position Lamp
Screw on Bracket
Clip in Lens

- Low Profile Design
- Shock, Dust & Waterproof
- 5 Year Warranty

12 or 24 Volt   **ADR** Approved   **IP67** Rated

Part Numbers
200CAW - 12V, Bulk Box
200CAW24 - 24V, Bulk Box

Function	Front Indicator/Position
Size	200mm x 50mm x 28mm
Voltage	12 Volt or 24 Volt
LED Qty	4 (Position), 25 (Indicator)
Cable	40cm

Draw	**Indicator**	**Position**
@13.8V	0.12A	0.01A
@28V	0.08A	0.02A

Approvals	**Function**	**Category**	**CRN**
ADR	Indicator	6/00 Cat1	38794
ADR	Position	49/00	38795

Fitting Instructions
and Technical Drawings

Horizontally mount onto flat surface and clip lens into place. Refer to ADR 13/00 for mounting instructions.

200mm   28mm   160mm   50mm
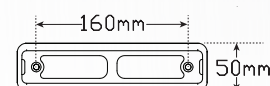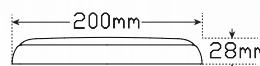
285 Series
Screw Mount
Clip on Caps

- Low Profile Slimline Design
- Shock, Dust & Waterproof
- 5 Year Warranty

12 or 24 Volt   **ADR** Approved   **IP67** Rated

Front Direction Indicator
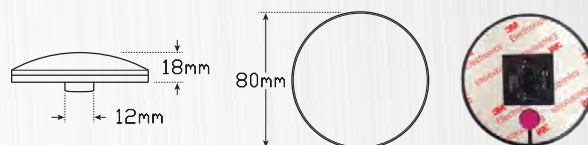
Part Numbers
285CAT12 - 12V, Blister
285CAT24 - 24V, Blister

Function	Front Indicator
Size	285mm x 25mm x 10mm
Voltage	12 Volt or 24 Volt
LED Qty	16
Cable	8.5cm

Draw	Indicator
@13.8V	0.20A
@28V	0.10A

Approvals	Function	Approval No.
ECE	Indicator	E9*6R01/28*22182*00

Front Direction Indicator & Front Position

Part Numbers
285CAW12 - 12V, Blister
285CAW24 - 24V, Blister

Function	Front Indicator/Position
Size	285mm x 25mm x 10mm
Voltage	12 Volt or 24 Volt
LED Qty	2 (Position), 14 (Indicator)
Cable	8.5cm

Draw	Indicator	Position
@13.8V	0.20A	0.03A
@28V	0.10A	0.02A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 Cat1	49541
ADR	Position	49/00	49523

Fitting Instructions
and Technical Drawings

Surface mount. Remove end caps fix to flat surface with screws supplied then refit end caps. Please refer to ADR 13/00 for mounting instructions.

285mm
10mm
266mm
25mm
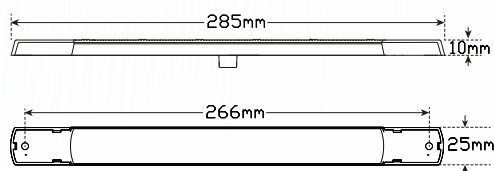
82 Series
Front Indicator
3M Tape Fitting

- Low Profile Design
- Shock, Dust & Waterproof
- 5 Year Warranty

12 Volt Only   **ADR/ECE** Approved   **IP67** Rated

Front Direction Indicator

Function	Front Indicator
Size	80mm Round x 18mm
Voltage	12 Volt Only
LED Qty	8
Cable	30cm

Draw	Indicator
@13.8V	0.19A
@28V	0.08A

Approvals	Function	Approval No.
ECE	Front Indicator	TBA

Part Number

82CAT1 - Blister

Fitting Instructions and Technical Drawings

Remove backing from 3M tape on back of lens, run wires through hole in mounting surface and align the locator nodule on edge of lens downwards. Apply firm hand pressure to ensure lamp adhesion. Please refer to ADR 13/00 for mounting instructions.

80 Series
Front Indicator
Bracket Mount
Clip in Lens

Function	Front Indicator
Size	100mm x 100mm x 28mm
Voltage	12 Volt Only
LED Qty	36
Cable	40cm

Draw	Indicator
@13.8V	0.31A
@28V	0.22A

Approvals	Function	Category	CRN
ADR	Front Indicator	6/00/2a	TBA

Part Number

80CAT1 - Blister

Fitting Instructions and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place. Please refer to ADR 13/00 for mounting instructions.
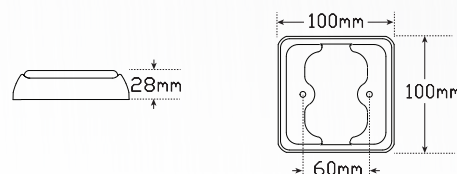
175 Series
Bracket Mount
Clip in Lens

- Low Profile Design
- Shock, Dust & Waterproof
- 5 Year Warranty

12 Volt Only   **ADR/ECE** Approved   **IP67** Rated

Front Direction Indicator

Part Number
175A2 - Twin Blister

Function	Front Indicator
Size	175mm x 50mm x 24mm
Voltage	12 Volt Only
LED Qty	18
Cable	40cm

Draw	Indicator
@13.8V	0.11A

Approvals	Function	Approval No.
ECE	Indicator	1-E9-01.11359

Front Direction Indicator & Front Position

Part Number
175AW2 - Twin Blister

Function	Front Indicator/Position
Size	175mm x 50mm x 24mm
Voltage	12 Volt Only
LED Qty	4 (Position), 21 (Indicator)
Cable	40cm

Draw	Indicator	Position
@13.8V	0.32A	0.03A

Approvals	Function	Category	CRN
ADR	Indicator	6/00 Cat1	42822
ADR	Position	49/00	42821

Fitting Instructions, and Technical Drawings

1. Carefully remove the black base plate from the lens using a flat screw driver. Lever or push down to allow your finger to pull apart.

2. Fix base plate onto fitting surface using supplied screws. Run wire through base plate hole in fitting surface.

3. Click lamp back into base plate ensuring it is fitted firmly on all 4 sides.

50mm
158mm
175mm
24mm
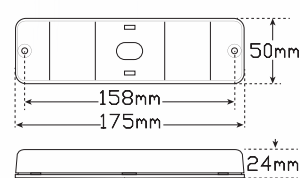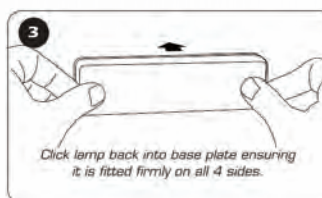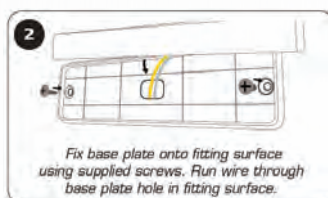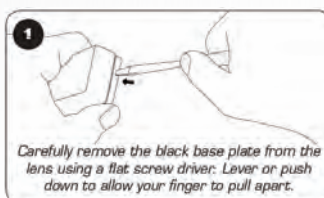
Centre Mounted High Level Stop Lamps
Surface or Recessed Mount

- Slimline, Low Profile
- High Brightness LEDs
- 5 Year Warranty

ECE S3 Approved **IP67 Rated** **EMC/R10 Approved**

Surface Mount

Part Number
SO120033RHM-8M - Bulk

Function	Centre High Level Stop Lamp
Size	89mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	8m

Draw	Stop
@13.8V	TBA
@28V	TBA

Approvals	Function	Approval No.
ADR	Stop	E9*7R02/27*22576*00
ECE	EMC R10	E11*10R05/01*5243*03

Recessed Mount

Part Number
235RHM12E - Bulk

Function	Centre High Level Stop Lamp
Size	237mm x 25mm x 3mm
Voltage	12 Volt Only
LED Qty	10
Cable	40cm

Draw	Stop
@13.8V	0.14A

Approvals	Function	Approvals
ECE	Stop	S3-E9-02.6986
ECE	EMC R10	E11*10R05/01*5243*03
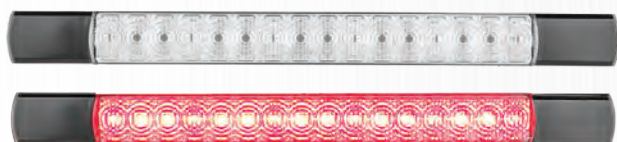
Surface Mount

Part Number
285BR12S3 - Bulk

Function	Centre High Level Stop Lamp
Size	285mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	8.5cm

Draw	Stop
@13.8V	0.24A

Approvals	Function	Approval No.
ECE	Stop	TBA
ECE	EMC R10	E11*10R05/01*5243*03

Surface Mount

Part Number
135RMES3 - Bulk

Function	Centre High Level Stop Lamp
Size	135mm x 38mm x 24mm
Voltage	Multivolt 12-24V
LED Qty	8
Cable	40cm

Draw	Stop
@13.8V	0.07A
@28V	0.05A

Approvals	Function	Approval No.
ADR	Stop	E9*7R02/27*22214*00
ECE	EMC R10	E11*10R05/01*5243*03

Harness System Stop/Tail Lamps and Plugs

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods   **IP68** Tested   **RoHS** Compliant

Compatible with Heavy Duty Harness System

The heavy duty truck harness system has provisions for a separate stop/tail lamp. Simply plug in the stop/tail adapter plug 7CSTB into the harness system, then run a 3 core cable to adapt a stop/tail lamp, if you require a second stop/tail lamp then add the 3 core splitter 3P3WB for an extra cable to connect the lamp.

All connectors have covers available for a secure fitment of the cables insuring Dangerous Goods Rating AS2809.

Defined by its red colour the 7CSTB plug is a splitter from the 7 Core cable that powers the stop/tail lamps. It can be used when more than one stop/tail lamp is required at the rear of the vehicle. Connection covers are available for secure fitment and Dangerous Goods Rating AS2809.
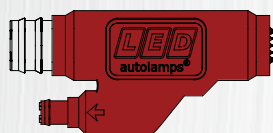
Part No. 7CSTB Plug Dimension
Width 37mm, Length 78mm
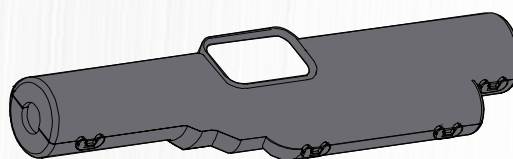
Part No. CMBB Cover Dimension
Width 44mm, Length 177mm

The 3P3WB is a plug that splits one cable into two, this allows the fitter to add as many stop/tail lamps as required, always align the arrows on the plugs to ensure the correct connection. Connection covers are available for secure fitment and Dangerous Goods Rating AS2809.

3 Core Splitter Plug

Part No. 3P3WB
To be used when more than one stop/tail lamp is required.

Part No. 2P3CB
Cover for the 3P3WB.
Width 35mm Length 126mm

Cable Lengths with Male and Female Plugs, use when adding 3 core cable lamps

3PMF.5B	Cable Length: 0.5m
3PMF1B	Cable Length: 1m
3PMF1.5B	Cable Length: 1.5m
3PMF2B	Cable Length: 2m
3PMF3B	Cable Length: 3m
3PMF4B	Cable Length: 4m
3PMF5B	Cable Length: 5m

Part No. 132RMCSB
200mm cable with plug

Part No. 102RMCSB
200mm cable with plug

153

12 Series
Daytime Running Lamps
Surface Mount

- Enhanced Daytime Visibility
- Shock, Dust & Waterproof
- 5 Year Warranty

12 Volt Only   **12 - 24** Multivolt   **ECE** Approved

Function	Daytime Running Lamp
Size	131mm x 30mm x 8mm
Voltage	12 Volt Only
LED Qty	6
Cable	40cm

Draw
@13.8V	TBA
@28V	TBA

Approvals	Function	Approval No.
ECE	DRL	TBA

Part Number
12DRL-2 - Twin Blister

131mm
8mm
30mm
120mm
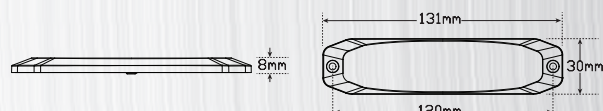
Daytime Running Lamps
Bracket Mount & Kit

- Enhanced Daytime Visibility
- 5 Year Warranty

The LEDRL2 are designed to switch on automatically with the ignition and then turn off automatically when the park or headlamp functions are activated.

Part Number
LEDRL2 - Twin Blister

Function	Daytime Running Lamp
Size	200mm x 25mm x 19mm
Voltage	Multivolt 12-24V
LED Qty	14
Colour Temp	5000k
Lumens	140lm Effective
Cable	Supplied Wiring Loom

Draw	@13.8V	@28V
	0.17A	0.09A
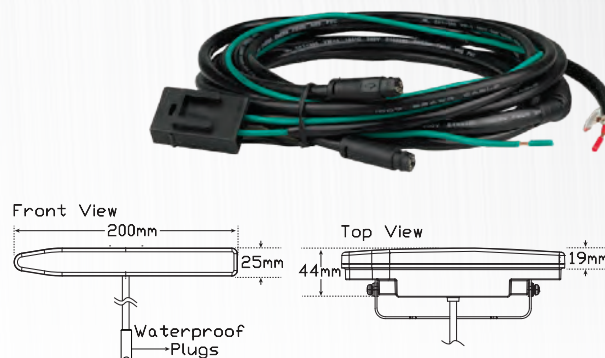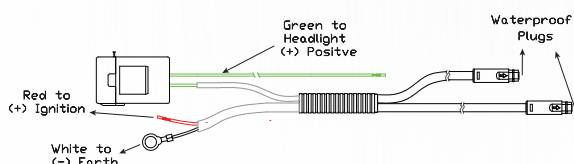
Approvals	Function	Approval No.
ECE	DRL	RL-E9-00.1743

Green to Headlight (+) Positve
Waterproof Plugs
Red to (+) Ignition
White to (-) Earth

Front View
200mm
25mm
44mm
Waterproof Plugs

Top View
19mm

80 Series
Daytime Running Lamps
Surface Mount

Function	Front Indicator/Position/Daytime Running Lamp (DRLHOTDOG to be used)
Size	80mm Round x 40mm
Voltage	12 Volt or 24 Volt
LED Qty	15 (DRL), 19 (Indicator)
Cable	34cm

Draw	**Indicator**	**Position**	**DRL**
@13.8V	0.32A	0.03A	TBA

Approvals	**Function**	**Approval No.**
ECE	Front Indicator	1-E9-01.11725
ECE	Position	A-E9-02.11725
ECE	DRL	RL-E9-00.11725
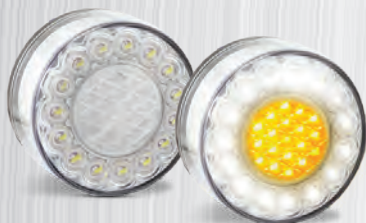
Part Numbers
80AW   - 12V, Blister
80AW24 - 24V, Blister
80AWB - 12V, Bulk

To use as Daytime Running Lamp
You must use DRLHOTDOG below

←80mm→
40mm
45mm
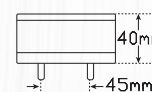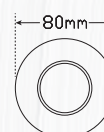
175 Series
Bull bar Retro Fit

Function	Front Indicator/Position/Daytime Running Lamp (DRLHOTDOG to be used)
Size	225mm x 56mm x 27mm
Voltage	12 Volt Only
LED Qty	24 (DRL), 15 (Indicator)
Cable	40cm

Draw	**Indicator**	**Position**	**DRL**
@13.8V	0.26A	0.02A	0.22A

Approvals	**Function**	**Approval**
ECE	Indicator	1-E9-01.11513
ECE	Position	A-E9-02.11513
ECE	Daytime	RL-E9-00.11513

Part Number
175AWTB2 - Twin Blister

To use as Daytime Running Lamp
You must use DRLHOTDOG below

225mm
27mm
56mm
200mm
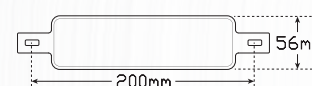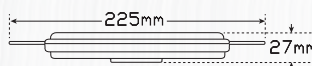
DRL Module is used in conjunction with the 80AW and the 175AWTB
for Daytime Running Lamp Function

Part Number
DRLHOTDOG-2 - Twin Blister

Function	Daytime Running Lamp Accessory Module Suits 80AW, and 175AWTB2
Size	105mm x 25mm
Voltage	12/24 Volt
Cable	200mm either side

Wire Colour
Red - DRL
Brown - Position (Headlight)
Yellow - Indicator
White - Earth

To be used in conjunction with LED Autolamps range of daytime running lamps. Converts them into an ECE Approved functioning DRL.
1) Vehicle Start - DRL on, 2) Indicator On - DRL dims, 3) Headlight

RL Interior Series
Caravan Lamps
Screw Mount

- Reading Lamps
- On/Off Switch
- 3 Year Warranty

12 Volt Only

6500K Cool White

Adjustable Design

Part Numbers

RL60-12B - Silver, Bulk
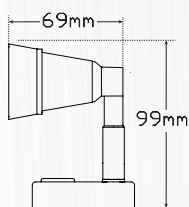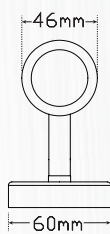**RL60B-USB** - Silver, USB Port, Bulk

Part Numbers
RL60BLKB - Black, Bulk
RL60BLKB-USB - Black, USB Port, Bulk

Function	Reading Lamp
Size	99mm x 46mm x 69mm
Voltage	12 Volt Only
LED Qty	3 x 1 Watt
Colour Temp	6500K
Cable	15cm
Draw	**@13.8V** 0.15A

46mm
69mm
99mm
60mm

New Design
with Flexible Extension

Function	Reading Lamp
Size	114mm x 63mm x 60mm
	333mm x 63mm x 60mm
Voltage	12 Volt Only
LED Qty	3 x 2 Watt
Colour Temp	6500K
Cable	15cm
Draw	**@13.8V** 0.13A

Part Numbers
RL120 - Blister
RL120B - Bulk

Part Number
RL330 - Blister

39mm
15mm
60mm
114mm
63mm
60mm
333mm
63mm
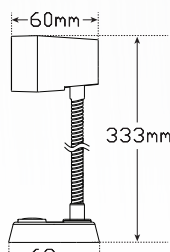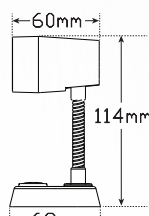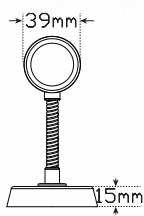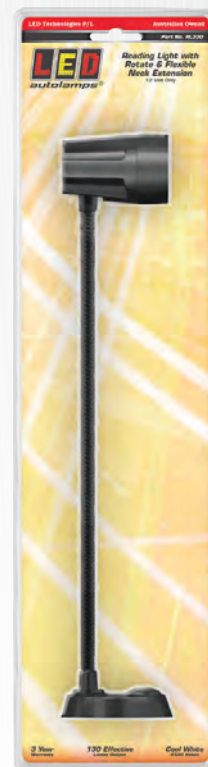
23 Interior Series Caravan Lamps Screw Mount

- Exterior Grade Finish
- Slimline Awning Lamp
- 3 Year Warranty

12 or 24 Volt Specific

3000K Warm White

IP67 Rated

Part Numbers
23260   - 12V, Blister
23260B   - 12V, Bulk
23260/24 - 24V, Blister

Part Numbers
23260BLK   - 12V, Blister
23260BLKB   - 12V, Bulk
23260/24BLK - 24V, Blister

Function	Caravan Awning Lamp
Size	260mm x 23mm x 24mm
Voltage	12 Volt or 24 Volt
LED Qty	18
Lumens	240 Effective
Spread	60°
CRI	>80
Colour Temp	3000K
Cable	20cm

Draw	@13.8V	@28V
	0.18A	0.09A

260mm
23mm
24mm
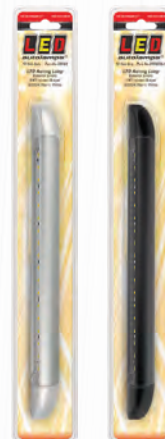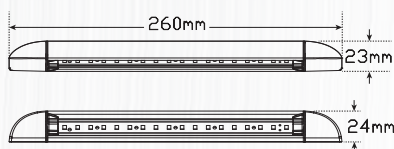
Part Numbers
23450   - 12V, Blister
23450B   - 12V, Bulk
23450/24 - 24V, Blister

Part Numbers
23450BLK   - 12V, Blister
23450BLKB   - 12V, Bulk
23450/24BLK - 24V, Blister

Function	Caravan Awning Lamp
Size	443mm x 23mm x 24mm
Voltage	12 Volt or 24 Volt
LED Qty	36
Lumens	240 Effective
Spread	60°
CRI	>80
Colour Temp	3000K
Cable	20cm

Draw	@13.8V	@28V
	0.41A	0.20A

443mm
23mm
24mm
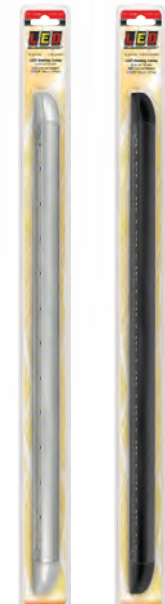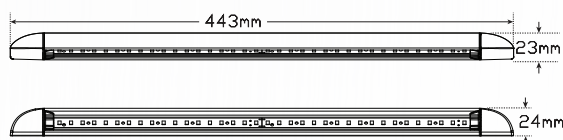
GRAB HANDLE LAMPS
CARAVAN LAMP SERIES

The new stylish Grab Handle series grab handles are the perfect accessory to any caravan. Featuring an always on, low power consumption LED behind the handle provides enhanced visibility at night allowing easy location, and equipped with a push button powering the primary lamp to illuminate dark surrounding areas. Built tough, this handle is designed to withstand the rigor's of the environment.

Grab Handle Series
Caravan Lamps
Interior/Exterior

- Exterior Grade Finish
- Low Profile Design
- 2 Year Warranty

6500K Cool White
IP67 Rated
12 Volt Only

Function	Grab Handle Lamp
Size	221mm x 144mm x 29mm
Voltage	12 Volt Only
Colour Temp	6500K
Cable	20cm
Draw	@13.8V
	TBA

Part Number
GH12B - Bulk

Function	Grab Handle Lamp
Size	221mm x 144mm x 29mm
Voltage	12 Volt Only
Lumens	400lm Effective
CRI	>80
Colour Temp	6500K
Cable	20cm
Draw	@13.8V
	TBA

Part Number
GH12CB - Bulk

Fitting Instructions and Technical Drawings

Recessed mount using screws supplied.

144mm
29mm
19mm
221mm
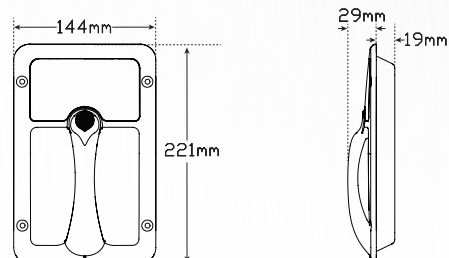
24 Interior Series
Caravan Lamps
Screw Mount

- High Brightness LEDs
- Low Profile Only 10mm
- 1 Year Warranty
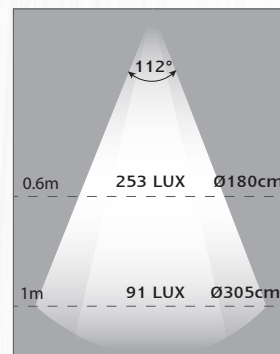
12 – 24 Multivolt **6500K** Cool White **Slimline** Design
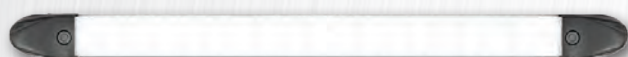
Hard Wired

Part Number
2430BMB - Bulk

Function	Interior Strip Lamp
Size	362mm x 25mm x 11mm
Voltage	Multivolt 12-24 Volt
LED Qty	18
Lumens	247lm Effective
Spread	112°
CRI	>80
Colour Temp	6500K
Cable	20cm

Draw	@12V	@24V
	0.26A	0.14A

LUX-Distance Curve

112°
0.6m 253 LUX Ø180cm
1m 91 LUX Ø305cm

Push Button Switch

Part Number
2430BMB-SW - Bulk

Function	Interior Strip Lamp
Size	362mm x 25mm x 11mm
Voltage	Multivolt 12-24 Volt
LED Qty	18
Lumens	247lm Effective
Spread	112°
CRI	>80
Colour Temp	6500K
Cable	20cm

Draw	@12V	@24V
	0.26A	0.14A

LUX-Distance Curve

112°
0.6m 253 LUX Ø180cm
1m 91 LUX Ø305cm

Hard Wired

Part Number
2460BMB - Bulk

Function	Interior Strip Lamp
Size	662mm x 25mm x 11mm
Voltage	Multivolt 12-24 Volt
LED Qty	36
Lumens	394lm Effective
Spread	112°
CRI	>80
Colour Temp	6500K
Cable	20cm

Draw	@12V	@24V
	0.51A	0.26A

LUX-Distance Curve

112°
0.6m 397 LUX Ø180cm
1m 143 LUX Ø305cm

Fitting Instructions and Technical Drawings

Run wires through hole in mounting surface, mount using two screw points, then install the screw caps.

11mm 362mm 25mm
662mm 25mm

75 SERIES INTERIOR LAMPS
CARAVAN SERIES

The modern low profile design of the 75 series lamps are built tough with an ABS lens ensuring strength and impact resistance. Housing 15 high brightness SMD LEDs with exceptional light output for its small form factor, will illuminate any caravan or vehicle interior.

12 Volt Only

Slimline Design

Cool White LEDs

Function	Interior Lamp
Size	76mm Round x 9mm
Voltage	12 Volt Only
LED Qty	15
Cable	30cm
Colour Temp	6500K
Draw	@13.8V
	0.27A

Part Numbers

7515C - Blister
7515CB - Bulk

Fitting Instructions and Accessories

Remove bezel and surface mount using three screw points, run wires through hole in mounting surface and refit bezel by clicking into place.

P/N 75BC

P/N 75BW

Chrome Bezel

White Bezel

75 Series
Surface Mount
Interior Lamps

- High Brightness LEDs
- Low Profile Design
- 3 Year Warranty

12 Volt Only

6500K Cool White

3000K Cool White

Cool White LEDs

Function	Interior Lamp
Size	76mm Round x 9mm
Voltage	12 Volt Only
LED Qty	15
Cable	30cm
Colour Temp	6500K
Draw	**@13.8V**
	0.27A

Part Numbers
7515W - Blister
7515WB - Bulk

Warm White LEDs

Function	Interior Lamp
Size	76mm Round x 9mm
Voltage	12 Volt Only
LED Qty	15
Cable	30cm
Colour Temp	3000K
Draw	**@13.8V**
	0.27A

Part Number
7515CWW - Bulk

Warm White LEDs

Function	Interior Lamp
Size	76mm Round x 9mm
Voltage	12 Volt Only
LED Qty	15
Cable	30cm
Colour Temp	3000K
Draw	**@13.8V**
	0.27A

Part Number
7515WWW - Blister

Fitting Instructions and Technical Drawings

Remove bezel and surface mount using three screw points, run wires through hole in mounting surface and refit bezel by clicking into place.

76mm | 9mm | 65.5mm

65.5mm
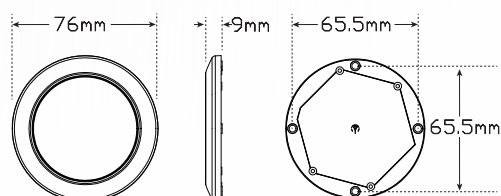
60 Series
Caravan Lamps
3M Tape Design

- Compact Design
- Low Profile
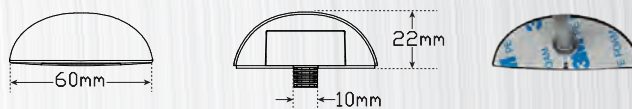- 5 Year Warranty

12 – 24 Multivolt   **ECE Approved**   **IP67 Rated**
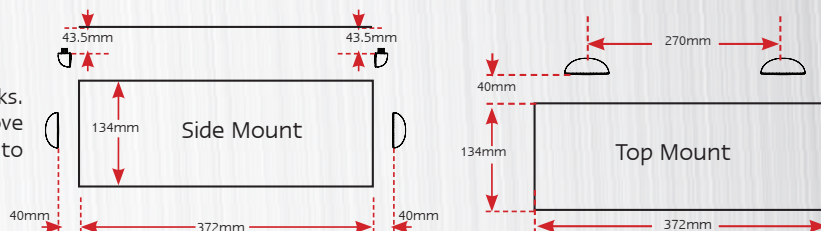
Function	Licence Plate Lamp
Size	60mm x 22mm x 22mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	10cm/50cm

Draw	@13.8V	@28V
	0.03A	0.03A

Approvals	Function	Approval No.
ECE	Licence	L-E9-00.1066 (2 Required)

Part Numbers

60BLM - 10cm Cable, Twin Blister
60BLMB - 50cm Cable, Bulk

Fitting Instructions and Technical Drawings

Fit onto flat surface with 43.5mm raised blocks. Drill a 10mm hole, pull the cable through. Remove film from the 3M tape & push serrated plug into the hole and press firmly.
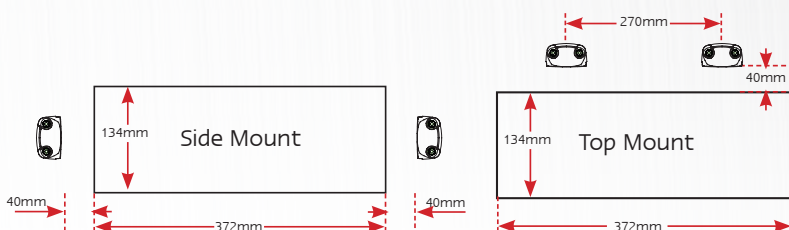
22mm · 60mm · 10mm

43.5mm · 43.5mm · 134mm · Side Mount · 40mm · 372mm · 40mm

270mm · 40mm · 134mm · Top Mount · 372mm

41 Series
Screw Mount
Screw Caps

Function	Licence Plate Lamp
Size	70mm x 42mm x 40mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	23cm/10cm with plug

Draw	@13.8V	@28V
	0.05A	0.04A

Approvals	Function	Approval No.
ECE	Licence	L-E9-00.1222 (2 Required)

Part Numbers

41BLM - 23cm Cable, Blister
41BLMB - 23cm Cable, Bulk
41BLM2P - 10cm Cable 2 Pin Plug, Bulk

70mm · 42mm · 45mm · 40mm

Fitting Instructions and Technical Drawings

Fit onto flat surface with 12mm raised blocks. Please refer to ADR 13/00 for mounting instructions.

134mm · Side Mount · 40mm · 372mm · 40mm

270mm · 40mm · 134mm · Top Mount · 372mm

LP1 Series
Caravan Lamps
Licence Plate Lamps

- Fits Licence Plates
- Low Profile Design
- 5 Year Warranty

12 – 24 Multivolt **ADR Approved** **IP67 Rated**

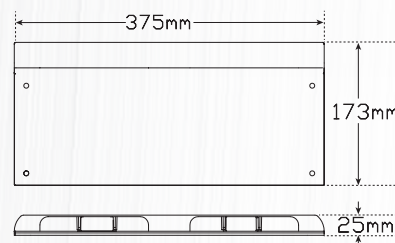| Function	Licence Plate Lamp Frame
Size	375mm x 173mm x 25mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	100cm

Draw	@13.8V	@28V
	0.11A	0.07A

Approvals	Function	Category	CRN
ADR	Licence	48/00	39611

Part Numbers
LP1 - Blister
LP1B - Bulk Box

Fitting Instructions and Technical Drawings

Fixes into same screw pattern as standard Australian licence plates. Also plugs into back of 100, 150 or 275 Lifetime Warranty Lamps, see page 11 and 36. Please refer to ADR 13/00 for mounting instructions.

375mm
173mm
25mm

BOATING & MARINE
LIGHTING RANGE

Marine environments demand durability and performance to operate reliably in highly corrosive and harsh marine conditions, rest assured LED Autolamps range of marine products will keep you safely lit for longer. Our lamps are manufactured to withstand and thrive in some of the harshest environments in Australia, and we make available the perfect selection for you to kit out your boat and trailer.

Search Lighting

Our latest addition is the high powered searchlight, which has a 60-watt spot beam. It also gives the versatility of 360-degree rotation and a 60-degree tilt function. The supplied remote control allows you to operate the lamp wirelessly as well, built in Bluetooth connectivity to your smartphone.

Navigational Lighting

Navigational lighting is critical to avoiding vessel impacts at sea. Since 2008 our 52 series Port, Starboard, stern, and towing lamps have stood the test of time. The 52 series comply with the Uniform Shipping Law codes Section 16 Collision Regulations (Colreg).

Underwater lighting

Water level scene lights adds a personal touch or gives you a clear view of the water level with any night activities. The 91 series comes standard with three high powered 1 watt LEDs that give a full 180-degrees of illumination and are available in 4 colours for you to choose.

Flood/Work Lighting

A series of high brightness Marine flood lamps, which can give you the extra lighting you want precisely where it's needed. Specially designed optics with high brightness LEDs ensure the most efficient light output possible. Tested to IP67 standards, these lamps have excellent resistance to acidic and alkaline conditions to ensure they are ready for any water born adventure.

Cabin Lighting

When it comes to lighting your boat interior, we have the products that are perfect for the job. Strip lighting, step as well as switch and sensor options spoil you for choice, and with many different design options, there is a light that will surely suit. All of our waterproof interior lighting offers high powered LEDs that deliver the perfect amount of light output you need.

Boat Trailer Lighting

We offer two of the most popular boat trailer lamps available. The tried and tested 207 series sold since 2008 and the popular 209 series rear combination. Featuring ADR road approvals with inbuilt licence plate lights as well as being compatible with our plugin harness system. 100% submersible and specifically manufactured for marine applications.

LSL Series
Marine Lamps
Spot Beam Search Light

- Exterior Grade Finish
- 60° Tilt, 360° Rotation
- Bluetooth/Smart Phone Connectivity
- 2 Year Warranty

10 – 30 Multivolt
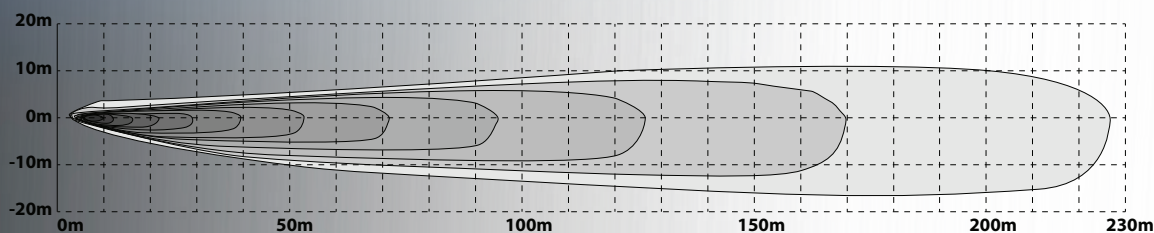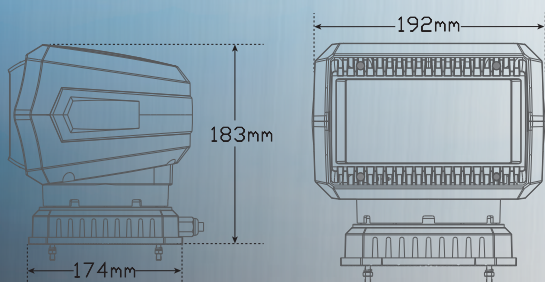
IP65 Rated

SPOT Beam

6500K Cool White

Part Number
LSL500 - Bulk Box

Function	Search Lamp 60 Watts
Size	192mm x 183mm x 174mm
Voltage	Multivolt 10-30V
LED Qty	6 x 10 Watt
Cable	3m with Plug
Lumens	TBA

Draw	@13.8V	@28V
	3.04A	1.46A

Approvals	Function	Approval No.
ECE	R10 EMC	TBA

Magnetic or Fixed Mounting

192mm

183mm

174mm

REMOTE CONTROL

MULTI- VOLT 10-30V

6000K 6500K

CREE

60W POWER

PC LENS

20m
10m
0m
-10m
-20m

0m   50m   100m   150m   200m   230m

360° ROTATION

60° TILT

BOAT TRAILER LAMPS
100% FULLY SUBMERSIBLE RANGE

Boat trailer manufacturers all over Australia use our 209 series lamps, as well as the original 207 series, which has been one of Australia's top-selling LED boat trailer products for over 12 years. Extreme marine environments demand a product to be manufactured tough, constructed using high-quality plastics and stainless steel fittings that are fit for purpose, also tinned copper wiring for increased protection against constant saltwater exposure. The incredible bright output will ensure you stand out, and the sleek design will also enhance a new or existing trailer application. Be assured every time you use the trailer; the lighting will not let you down.

- **Harness System Compatible**
- **Marine Resistant Design**
- **Inbuilt Licence Plate Lamps**

12 Volt Only

Multivolt Available

ADR Approved

IP67 Rated

Part Numbers
207BARLP2 - Left/Right Side, Twin Blister
207BAR4P - Left Side, 4 Pin Plug, Bulk
207BARL4P - Right Side, Licence, 4 Pin Plug, Bulk

Function	Stop/Tail/Indicator/Licence			
Size	LHS 200mm x 92mm x 28mm			
	RHS 200mm x 113mm x 28mm			
Voltage	12 Volt Only			
LED Qty	14 + 4 Licence			
Cable	40cm with Plug			

Draw	Stop	Tail	Ind	Lic
@13.8V	0.18A	0.07A	0.17A	0.02A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	37371
ADR	Indicator	6/00 2a	37350
ADR	Licence	47/00	37845

HARNESS SYSTEM COMPATIBLE

BOAT TRAILER LAMP KIT

Part Number
200CCARLPM2 - Left/Right Side, Twin Blister

Function	Stop/Tail/Indicator/Licence			
Size	LHS 200mm x 92mm x 28mm			
	RHS 200mm x 113mm x 28mm			
Voltage	Multivolt 12-24V			
LED Qty	24 + 4 Licence			
Cable	40cm with Plug			

Draw	Stop	Tail	Ind	Lic
@13.8V	0.32A	0.04A	0.17A	0.02A
@28V	0.18A	0.04A	0.39A	0.02A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	35941
ADR	Indicator	6/00 2a	35795
ADR	Licence	47/00	37845

HARNESS SYSTEM COMPATIBLE

BOAT TRAILER LAMP KIT

Fitting Instructions and Technical Drawings

Mount onto flat surface horizontally with stainless steel bolts at back of lamps and run cable through 12mm hole. Please refer to ADR 13/00.

28mm · 92mm · 200mm · 42mm · 160mm · 113mm
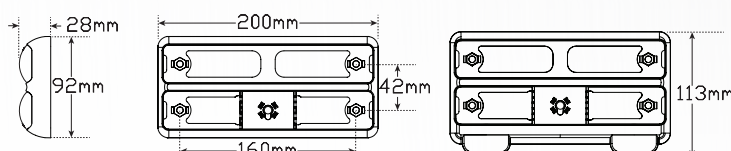
209 Series
Marine Lamps
Rear Combination

- Fully Submersible
- Shock, Dust & Water Proof
- 5 Year Warranty

12 Volt Only **ADR** Approved **IP67** Rated

Part Numbers
209GARLP2 - Left/Right Side, 4 Pin Plug, Twin Blister
209GAR4P - Left Side, 4 Pin Plug, Bulk
209GARL4P - Right Side, Licence, 4 Pin Plug, Bulk

Function	Stop/Tail/Ind/Reflector/Licence
Size	210mm x 92mm x 22mm
Voltage	12 Volt Only
LED Qty	20 + 3 Licence
Cable	40cm with Plug

Draw	Stop	Tail	Ind
@13.8V	0.117A	0.045A	0.150A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	48974
ADR	Indicator	6/00 2a	48972
ADR	Reflector	47/00	48973
ADR	Licence	48/00	49550

HARNESS SYSTEM COMPATIBLE

Part Number
209GARLP2/8M - Left/Right Side, Twin Blister

Function	Stop/Tail/Ind/Reflector/Licence
Size	210mm x 110mm x 22mm
Voltage	12 Volt Only
LED Qty	20 + 3 Licence
Cable	8m with Plug

Draw	Stop	Tail	Ind
@13.8V	0.117A	0.045A	0.150A

Approvals	Function	Category	CRN
ADR	Stop/Tail	49/00	48974
ADR	Indicator	6/00 2a	48972
ADR	Reflector	47/00	48973
ADR	Licence	48/00	49550

To Suit Trailers Up to 8m
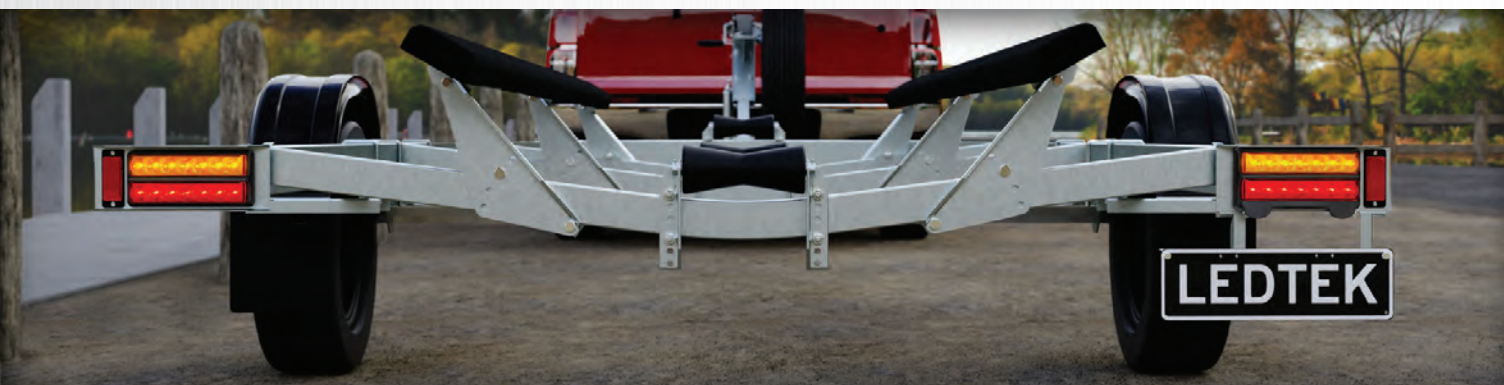
Fitting Instructions and Technical Drawings

Mount onto flat surface horizontally with stainless steel bolts at back of lamps and run cable through 12mm hole. Please refer to ADR 13/00.

210mm · 110mm · 22mm · 160mm
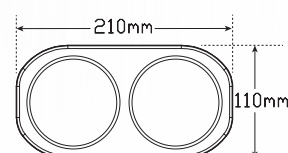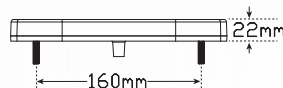
99 Series
Marine Lamps
Rear Combination

- Inbuilt Licence Plate Lamp
- Multivolt Option
- 5 Year Warranty

12 – 24 Multivolt   **12 Volt Only**   **ECE Approved**
EMC/R10 Approved   **IP67 Rated**

10 Metre Trailer Kit

Function	Stop/Tail/Ind/Reflector/Licence
Size	107mm x 107mm x 23mm
Voltage	12 Volt or Multivolt 12-24V
LED Qty	8 + 4 Licence
Cable	10m

Draw	Stop	Tail	Indicator
@13.8V	0.07A	0.05A	0.08A
@28V	0.07A	0.06A	0.06A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.6877
ECE	Indicator	2a-E9-01.6877
ECE	Reflector	IA-E9-02.6877
ECE	Licence	L-E9-00.6877

Part Numbers
99ARL2/10 - 12V, Twin Blister
99ARM10 - 12-24V, Bulk
99ARLM10 - 12-24V, Licence, Bulk

Fitting Instructions and Technical Drawings

Mount onto flat surface with indicator at top using screws supplied, run wire and plug through 10mm hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

107mm | 107mm | 23mm | 90mm | 107mm
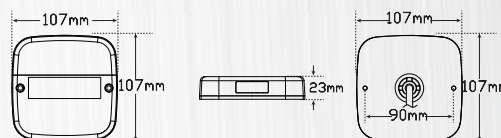
Budget Lamp

10 Metre Trailer Kit

Part Numbers
98BARLP2/10 - Twin Blister Kit
98BARLP2/10B - Bulk Kit

Function	Stop/Tail/Ind/Reflector/Licence
Size	100mm x 100mm x 22mm
Voltage	12 Volt Only
LED Qty	8 + 4 Licence
Cable	10m & 40cm Licence

Draw	Stop	Tail	Ind	Lic
@13.8V	0.06A	0.01A	0.05A	0.03A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.16854
ECE	Indicator	2a-E9-01.16854
ECE	Reflector	IB-E9-02.16854
ECE	Licence	L-E9-00.1066

Fitting Instructions and Technical Drawings

Mount onto flat surface with Indicator at top using bolts in back of lamp. Licence Plate Lamp is plug and play. Please refer to ADR 13/00 for mounting instructions.

22mm | 100mm | 70mm | 100mm
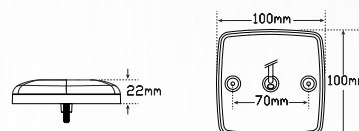
149 Series
Marine Lamps
Rear Combination

- Harness System Compatible
- Inbuilt Licence Plate Lamp
- Multivolt Option
- 5 Year Warranty

ECE Approved **IP67 Rated** **EMC/R10 Approved**

Function	Stop/Tail/Ind/Reflector/Licence
Size	150mm x 80mm x 29mm
Voltage	12 Volt Only
LED Qty	8 + 4 Licence
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.05A	0.07A	0.08A
@28V	0.07A	0.08A	0.07A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11712
ECE	Indicator	2a-E9-01.11712
ECE	Reflector	1A-E9-02. 11712
ECE	Licence	L-E9-00.11712

Part Number
149BARLP2 - 12V, Twin Blister

HARNESS SYSTEM COMPATIBLE

Function	Stop/Tail/Ind/Reflector/Licence
Size	150mm x 80mm x 29mm
Voltage	12 Volt or Multivolt 12-24V
LED Qty	8 + 4 Licence
Cable	40cm

Draw	Stop	Tail	Indicator
@13.8V	0.05A	0.07A	0.08A
@28V	0.07A	0.08A	0.07A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11712
ECE	Indicator	2a-E9-01.11712
ECE	Reflector	1A-E9-02. 11712
ECE	Licence	L-E9-00.11712

Part Numbers

149BAR4P	- 12V, 4 Pin Plug, Bulk
149BARL4P	- 12V, 4 Pin Plug, Licence Lamp, Bulk
149BARM4P	- 12-24V, 4 Pin Plug, Bulk
149BARLM4P	- 12-24V, 4 Pin Plug, Licence Lamp, Bulk

To Suit Trailers Up to 10m

Function	Stop/Tail/Ind/Reflector/Licence
Size	150mm x 80mm x 29mm
Voltage	12 Volt Only
LED Qty	8 + 4 Licence
Cable	10m

Draw	Stop	Tail	Indicator
@13.8V	0.05A	0.07A	0.08A
@28V	0.07A	0.08A	0.07A

Approvals	Function	Approval No.
ECE	Stop/Tail	R1-S1-E9-02.11712
ECE	Indicator	2a-E9-01.11712
ECE	Reflector	1A-E9-02. 11712
ECE	Licence	L-E9-00.11712

Part Number
149BARLP2/10 - Twin Blister

Fitting Instructions and Technical Drawings

Mount onto flat surface using bolts in back of lamp, run wire and plug through 10mm hole in fixing surface. Please refer to ADR 13/00 for mounting instructions.

80mm · 150mm · 29mm · 100mm

LED Autolamps Boat Trailer Harness System

Functional, Long Lasting Quality, Value for Money
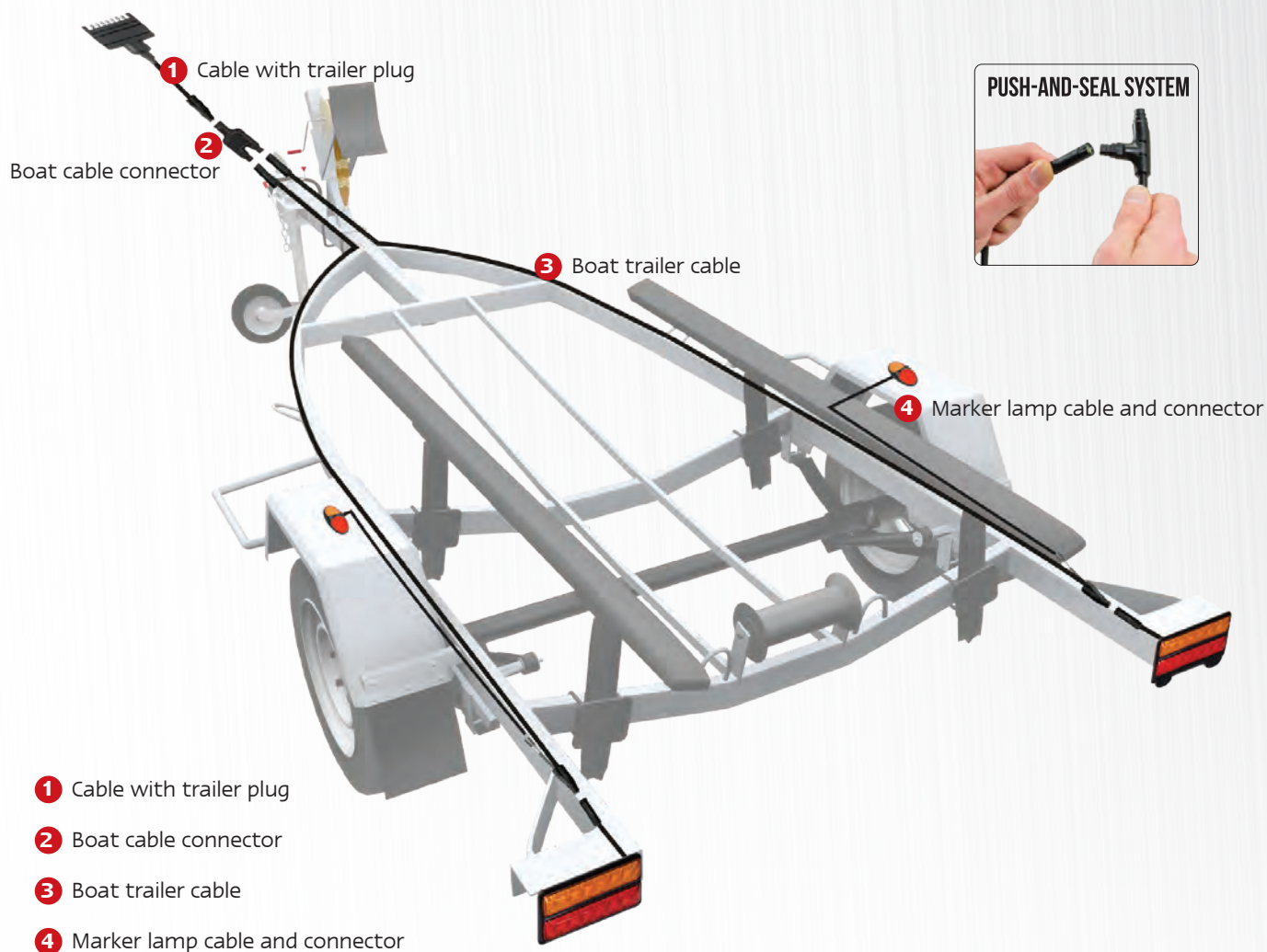
Innovated Harness System

The key to this system is its ease of fitting. Wiring of a trailer will be completed faster, which is perfect for trailer manufacturers, DIY, or non-skilled fitters, saving time and money. No cutting, no soldering, no taping, and a professional finish.

Flexibility

The system consists of individual cables for box trailers to large tandem trailers with cable lengths up to 8 metres and widths up to 2.1 metres. Boat trailer cable lengths available up to 12 metres. All cables have 2 core accessory plugs that enable licence and marker lamps to be added if required.

Cable and Plugs

The Cables and plugs are specially designed with tinned copper terminals, unique sealing plug rings, and have waterproof grease added for extra protection. All Cables and Plug sockets are IP67 rated, ensuring watertight fully submersible connection.

1 Cable with trailer plug

2 Boat cable connector

3 Boat trailer cable

4 Marker lamp cable and connector

PUSH-AND-SEAL SYSTEM

1 Cable with trailer plug

2 Boat cable connector

3 Boat trailer cable

4 Marker lamp cable and connector

- **No Tools Required**
- **No Cutting**
- **No Splicing**
- **No Soldering**
- **No Joiners**
- **No Tape**

Plug in Cable System for Boat Trailers

- 100% Water Proof
- Specially Designed Plugs
- No Assembly Tools Required

Plug in Connectors   **IP67 Rated**   **Fully Submersible**

Wiring of a trailer can now be done quickly and easily without cutting, splicing, joining, or insulating wires & cables. The cables and plugs are specially designed with tinned copper terminals and waterproof grease with IP67 rated plugs and sockets, ensuring a watertight connection. All main cables have accessory wires at the ends of the male plugs, which are compatible with the marker lamp, plug-in cable system. Cabling system comprises of the following:

Boat Trailer Cable - this cable connects each light to the gooseneck area and then plugs into the boat cable joiner. The male plug to the lamp has two accessory wires for side markers.

- 4.0 metre • Part No. BC400
- 5.0 metre • Part No. BC500
- 5.6 metre • Part No. BC560
- 6.0 metre • Part No. BC600
- 7.0 metre • Part No. BC700
- 8.0 metre • Part No. BC800
- 10.0 metre • Part No. BC1000
- 12.0 metre • Part No. BC1200
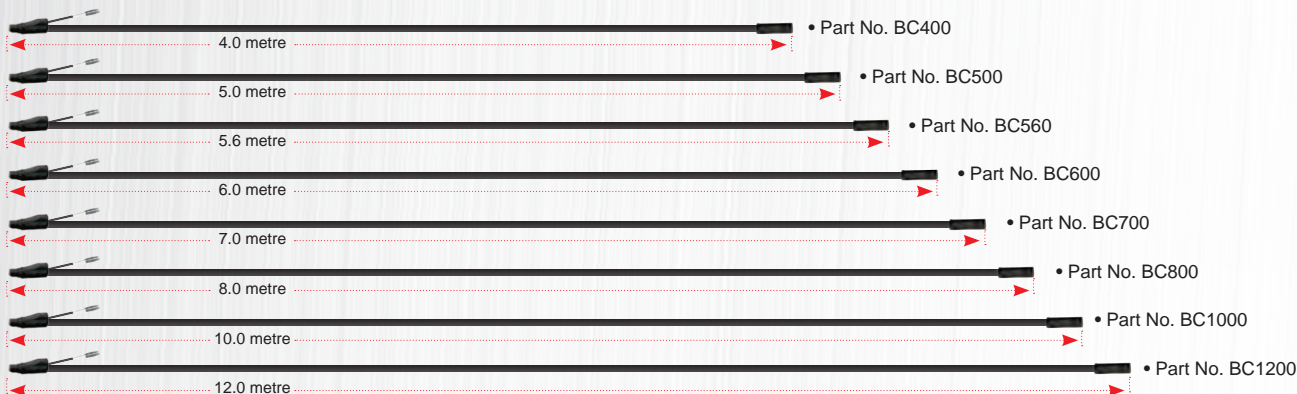
Boat Cable Connector - this three-way connector joins the left and right boat trailer cables to the cable with the trailer plug.

• Part No. BCC1

Gooseneck to Vehicle with Trailer Plug – this 1-metre cable is fitted to the gooseneck. This cable ends with a trailer plug. You can also add the 5C1MB or the 5C1.5MB to extend the trailer plug length.

Part Numbers

5C81 - 7 Pin Round   **5C21** - 7 Pin Small Round   **5C41** - 7 Pin Flat

5C1MB - 1 metre   **5C1.5MB** - 1.5 metre

Marker Lamp Cable and Plugs – For fitting marker lamps to the trailer harness system.

- 1 metre — Part No. **2C100B**
- 2 metre — Part No. **2C200B**
- 3 metre — Part No. **2C300B**
- 4 metre — Part No. **2C400B**
- 5 metre — Part No. **2C500B**
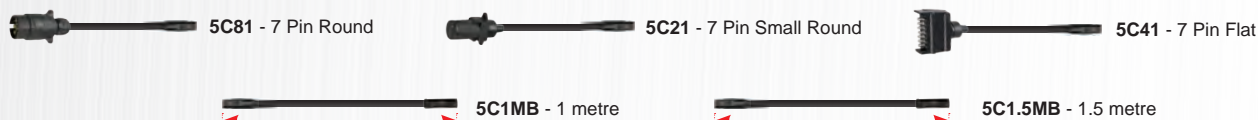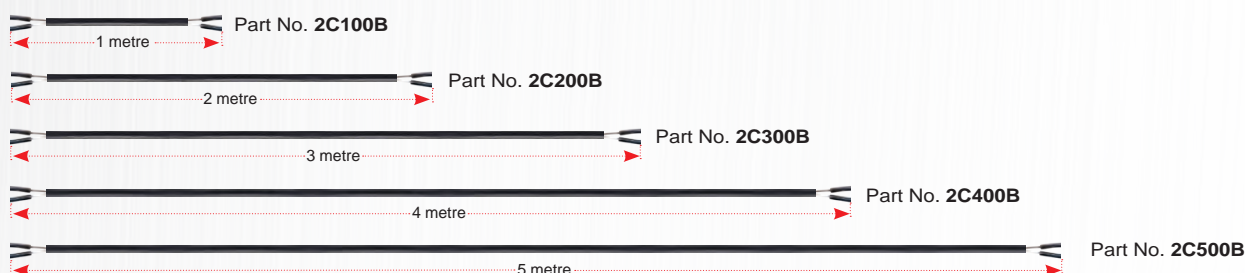
Cable System Kit for Boat Trailers, Easy Off the Shelf Reseller

Part No. **BTK6LR**
6m Cable Kit
Large Round Plug

Part No. **BTK8F**
8m Cable Kit
Flat Plug

Part No. **BTK8LR**
8m Cable Kit
Large Round Plug

180° Ultra Wide Angle Underwater Lamps

- Fully Submersible
- Acidic/Alkaline Resistant
- 3 Year Warranty

12-24 Multivolt

Marine Grade

IP67 Rated

Function	Red Marine Lamp
Size	112mm x 37mm x 23mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	12cm

Draw	**@13.8V**	**@28V**
	0.20A	0.19A

Part Number
91RM - Blister

Function	Blue Marine Lamp
Size	112mm x 37mm x 23mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	12cm

Draw	**@13.8V**	**@28V**
	0.20A	0.19A

Part Number
91BM - Blister

Function	Green Marine Lamp
Size	112mm x 37mm x 23mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	12cm

Draw	**@13.8V**	**@28V**
	0.20A	0.19A

Part Number
91GM - Blister

Function	White Marine Lamp
Size	112mm x 37mm x 23mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	12cm

Draw	**@13.8V**	**@28V**
	0.20A	0.19A

Part Number
91WM - Blister

112mm — 23mm

74mm — 37mm
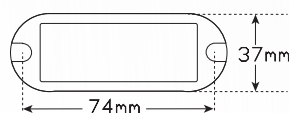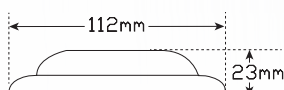
52 Series
Navigational Lamps

- Marine Compliant
- Acidic/Alkaline Resistant
- 5 Year Warranty

12-24 Multivolt   **IP67** Rated   **Marine** Grade

Function	Portside Lamp, 112.5° Beam Angle
Size	76mm x 52mm x 25mm
Voltage	Multivolt 12-24 Volt
LED Qty	10
Cable	18cm

Draw	@13.8V	@28V
	0.08A	0.18A

Approvals	Standards
ATAC (Colreg)	Complies with international maritime organisation codes and uniform shipping standards

Part Number
52WR - Blister

Function	Starboard Lamp, 112.5° Beam Angle
Size	76mm x 52mm x 25mm
Voltage	Multivolt 12-24 Volt
LED Qty	10
Cable	18cm

Draw	@13.8V	@28V
	0.12A	0.20A

Approvals	Standards
ATAC (Colreg)	Complies with international maritime organisation codes and uniform shipping standards

Part Number
52WG - Blister

Function	Stern/Towing Lamp, 135° Beam Angle
Size	76mm x 52mm x 24mm
Voltage	Multivolt 12-24 Volt
LED Qty	10
Cable	18cm

Draw	@13.8V	@28V
	0.18A	0.10A

Approvals	Standards
ATAC (Colreg)	Complies with international maritime organisation codes and uniform shipping standards

Part Number
52WW - Blister

Port and Starboard

25mm
76mm
52mm

Stern/Towing

76mm
24mm
52mm
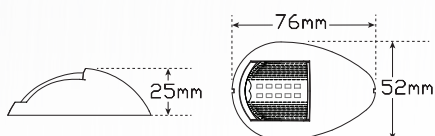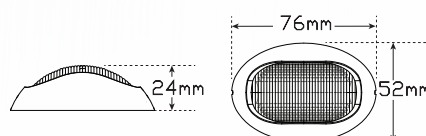
7512/7312 Series
Marine Lamps
Beam/Flood Lamps

- Fully Submersible
- Sea/Salt Spray Resistant
- Acidic & Alkaline Tolerant
- 5 Year Warranty

12 – 24 Multivolt **IP67 Rated** **Marine Grade**

Function	Flood/Reverse Lamp
Size	75mm Round x 30mm
Voltage	Multivolt 12-24V
LED Qty	4 x 3 Watt
Cable	40cm
Lumens	489lm Effective

Draw	@13.8V	@28V
	0.59A	0.27A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1082

ACIDIC ALKALINE Resistance
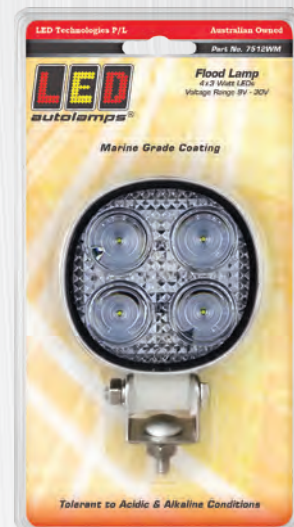
Part Number
7512WM - Blister

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

30mm 75mm 75mm

Function	Flood/Reverse Lamp
Size	73mm x 73mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	4 x 3 Watt
Cable	40cm
Lumens	489lm Effective

Draw	@13.8V	@28V
	0.59A	0.27A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1039

ACIDIC ALKALINE Resistance
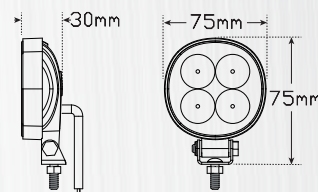
Part Number
7312WM - Blister

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

31mm 73mm 73mm
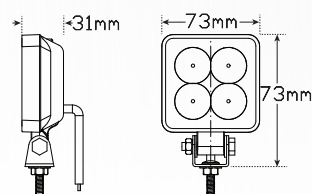
6612/13040 Series
Marine Lamps
Beam/Flood/Spot Lamps

- Fully Submersible
- Sea/Salt Spray Resistant
- Acidic & Alkaline Tolerant
- 5 Year Warranty

12 – 24 Multivolt   **Marine Grade**   **IP67 Rated**

Part Number
13040WM - Blister

Function	Flood Lamp 12 Watt
Size	130mm x 40mm x 43mm
Voltage	Multivolt 12-24V
LED Qty	4 x 3 Watt
Cable	33cm
Lumens	480lm Effective

Draw	@13.8V	@28V
	0.59A	0.27A

ACIDIC ALKALINE Resistance

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

43mm   130mm   40mm

Function	Spot Lamp
Size	66mm x 66mm x 65mm
Voltage	Multivolt 10-30V
LED Qty	4 x 3 Watt
Cable	40cm
Lumens	770lm Effective

Draw	@13.8V	@28V
	0.9A	0.4A
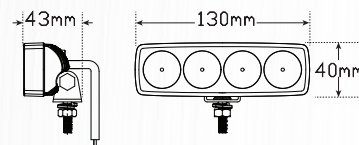
Part Number
6612WM - Blister

ACIDIC ALKALINE Resistance

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

65mm   66mm   120mm   66mm
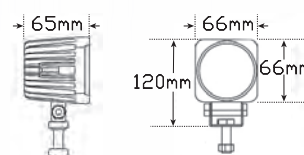
10 Series
Marine Lamps
Exterior/Interior

- High Brightness LEDs
- Low Profile Only 10mm
- 3 Year Warranty

10 – 30 Multivolt | **Voltage** Specific | **IP67** Rated

Non Switch

Part Numbers
1016 - 12V, Blister
1016/24 - 24V, Blister

Non Switch

Part Numbers
1031 - 12V, Blister
1031/24 - 24V, Blister

Part Numbers
1061 - 12V, Blister
1061/24 - 24V, Blister

Non Switch

Function	Interior Strip Lamp
Size	100mm x 25mm x 10mm
	150mm x 25mm x 10mm
	300mm x 25mm x 10mm
Voltage	12 Volt or 24 Volt
LED Qty	16
Spread	120°
Colour Temp	6500K
Cable	10cm

Draw	@13.8V	@28V
	0.11A	0.05A

6500K Cool White

1016
100mm
25mm
10mm

1031
150mm
25mm
10mm

1061
300mm
25mm
10mm
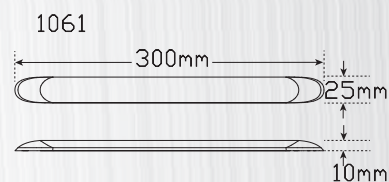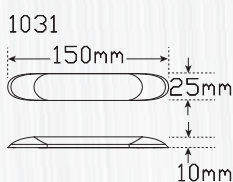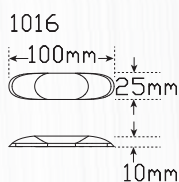
Non Switch

Part Number
13118WM - Box

Touch Switch

Part Number
13118WM-SW - Box

Motion Sensor

Part Number
13118WM-PIR - Box

4500K Warm White

Function	Interior/ Exterior Lamp
Size	131mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	87
Lumens	750lm Effective
Colour Temp	4500K
Cable	20cm

Draw	@13.8V
	0.7A

Approvals	Function
ECE	EMC R10

14mm
131mm
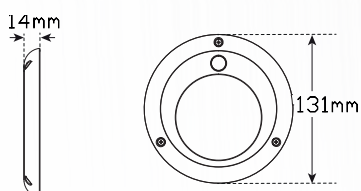
**Dual Colour Red/Blue
Lamps Coming Soon.**

7610 Series
Marine Lamps
Exterior/Interior

- Water Proof Design
- Low Profile Design
- 2 Year Warranty

10 – 30 Multivolt | **4500K** Colour Temp | **IP67** Rated
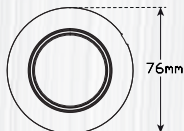
Part Number 7610WM - Box

Function	Interior/Exterior Lamp
Size	76mm x 13mm
Voltage	Multivolt 10-30V
LED Qty	10
Lumens	220lm Effective
Colour Temp	4500K
Cable	20cm
Draw	@13.8V 0.2A
Approvals	**Function**
ECE	EMC R10

4500K Warm White

Non Switch

Part Number 16606WM - Box

Touch Switch

Part Number 16606WM-SW - Box

Motion Sensor

Part Number 16606WM-PIR - Box
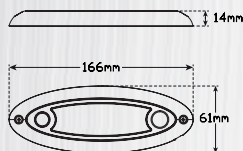
Function	Interior/Exterior Lamp
Size	166mm x 61mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	27
Lumens	240lm Effective
Colour Temp	4500K
Cable	20cm
Draw	@13.8V 0.2A
Approvals	**Function**
ECE	EMC R10

4500K Warm White

Non Switch

Part Number 20109WM - Box

Touch Switch

Part Number 20109WM-SW - Box

Motion Sensor

Part Number 20109WM-PIR - Box
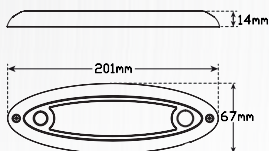
Function	Interior/Exterior Lamp
Size	201mm x 67mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	45
Lumens	400lm Effective
Colour Temp	4500K
Cable	20cm
Draw	@13.8V 0.3A
Approvals	**Function**
ECE	EMC R10

4500K Warm White

Overmass Oversize Warning Lighting

A heavy rated vehicle that carries or is designed to carry large items that are unable to be separated is referred to as an Overmass Oversize (OSOM) vehicle. In most circumstances, OSOM vehicles require specific warning devices and lighting that comply with NHVR (National Heavy Vehicle Regulator) recommendations.

By using a warning light for this purpose it must emit a yellow coloured light that has a rotating and flashing effect. A flash rate of 120 to 200 FPM and a power output of at least 25 watts when using LED technology is also required.

OVERMASS
NHVR Compliant

Compatible Products

The following lamps are all compliant to these requirements, as set out by the NHVR. As well are thoroughly tested and certified to SAEJ845 Class 1 standards, which is the highest possible standard in this regard.

145 Series, see page 179

LB380 Series, see page 189

LB246 Series, see page 188

145/144 Series
Hazard/Warning
Strobe/Rotating Beacons

- High Powered 3 Watt LEDs
- Heavy Duty Design
- 3 Year Warranty

11 – 32 Voltage

J845 Class 1 Compliant

IP67 Rated

Strobe/Override Rotating Multifunction Beacon

CLASS 1
SAE/J845

OVERMASS
NHVR Compliant

Function	Strobe/Rotate Beacon
Size	144mm Round x 91mm
Voltage	11-32 Volt
Cable	30cm
Flash Rate	90 FPM/130 RPM
Lens	Polycarbonate

Draw	@13.8V	@28V
Strobe	0.70A	0.46A
Rotate	0.46A	0.23A

Approvals	Category
SAE	J845 Class 1 Rotate
SAE	J845 Class 2 Strobe

Part Number
145ASRM - Blister

The lamp has 4 wires, one for Earth (Black), one for Strobe (Red), one for rotating (Yellow) and one for Synchronisation (White). If only one function is to be used then you would connect that colour wire for the function required either strobe or rotate. To get the full benefit of the dual function feature simply connect all these wires to a 3-way switch. The lamps electronics is set up for Strobe (Red) and the Rotating (Yellow) overrides the strobe function. Another alternative wiring option is the Strobe (Red) wire can be connected to the ignition switch so that the strobe function is engaged while the vehicle is running. A separate two-way switch is required for the Rotating (Yellow) feature. When this switch is turned on the strobe function is disabled, the rotating function is activated.

CLASS 1
SAE/J845

Function	Amber Strobe Beacon
Size	130mm Round x 97mm
Voltage	12-32 Volt
Cable	19cm
Flash Rate	87 FPM
Lens	Polycarbonate

Draw	@13.8V	@28V
	0.71A	0.28A

Approvals	Category
SAE	J845 Class 1

Part Number
144AMF - Blister

Fitting Instructions and Technical Drawings

Fixed mount - Run cable through hole in mounting surface, fix beacon using bolts supplied.

144AMF

97mm

130mm

145ASRM

91mm

144mm

120°
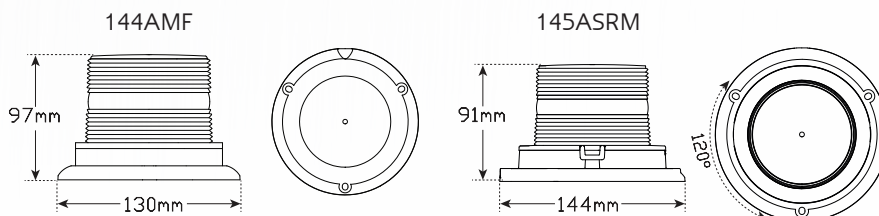
LRB Series
Hazard/Warning
Rotating Effect Beacons

- High Brightness LEDs
- Heavy Duty Design
- 3 Year Warranty

10 – 30 Voltage

SAE/J845 Compliant

IP67 Rated

Part Number

LRB130 - Single Blister

Function	Amber Rotating Beacon
Size	130mm Round x 53mm
Voltage	10-30 Volt
Cable	40cm
Flash Rate	150 RPM
Fitting	Fixed Surface Mount
Lens	Polycarbonate

Draw	@13.8V	@28V
	0.11A	0.07A

Approvals	Category
SAE	J845 Class 3

Fitting Instructions and Technical Drawings

Run wires through hole in fixing surface or from the side of the base.

53mm
130mm
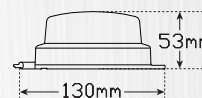
Part Number

LRB145 - Single Blister

Function	Amber Rotating Beacon
Size	144mm Round x 96mm
Voltage	10-30 Volt
Cable	40cm
Flash Rate	188 RPM
Lens	Polycarbonate
Fitting	Fixed Surface Mount

Draw	@13.8V	@28V
	0.45A	0.22A

Approvals	Category
SAE	J845 Class 2

Fitting Instructions and Technical Drawings

Run wires through hole in fixing surface or from the side of the base.

96mm
144mm
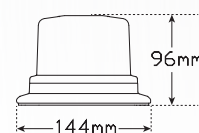
128 Series Hazard/Warning Strobe Beacons

- High Brightness LEDs
- Heavy Duty Design
- 3 Year Warranty

11 – 48 Voltage

J845 Class 2 Compliant

IP67 Rated

BEST VALUE

Part Number
128AMF - Blister

Function	Amber Strobe Beacon
Size	130mm Round x 97mm
Voltage	11-48 Volt
Cable	20cm
Flash Rate	82-92 FPM
Lens	Polycarbonate
Fitting	Fixed Bolt Mount

Draw	@13.8V	@28V
	0.39A	0.19A

Approvals	Category
SAE	J845 Class 2

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts supplied.

97mm

130mm

BEST VALUE
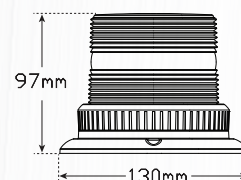
Part Number
128AMM - Blister

Function	Amber Strobe Beacon
Size	130mm Round x 97mm
Voltage	11-48 Volt
Cable	3.6m Retractable Plug
Flash Rate	82-92 FPM
Lens	Polycarbonate
Fitting	Magnetic Mount

Magnetic Suction Mount

Draw	@13.8V	@28V
	0.39A	0.19A

Approvals	Category
SAE	J845 Class 2

Fitting Instructions and Technical Drawings

Place onto flat metal surface and run retractable cord to power source within vehicle. Temporary fit, not designed for permanent fit on moving vehicles. Not for highway use.

97mm

130mm
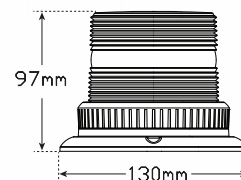
111/112 Series Hazard/Warning Strobe Beacons

- High Brightness LEDs
- Compact Design
- 3 Year Warranty

10 – 36 Voltage
10 – 110 Voltage
IP67 Rated

Function	Amber Strobe Beacon
Size	111mm x 64mm
Voltage	10-36 Volt
Cable	34cm
Flash Rate	45 FPM
Lens	Polycarbonate
Fitting	Fixed Surface Mount

Draw	**@13.8V**	**@28V**
	0.13A	0.13A

Part Number
111AM - Blister

Function	Amber Strobe Beacon
Size	130mm x 98mm
Voltage	10-110 Volt
Cable	34cm
Flash Rate	45 FPM
Lens	Polycarbonate
Fitting	Fixed Surface Mount

Draw	**@13.8V**	**@28V**
	0.13A	0.13A

Part Number
112ABM - Blister

Fitting Instructions and Technical Drawings

111AM - Fit to flat surface with foam gasket fitted between lamp and fixing surface using bolt in centre of lamp.
112ABM - Fit to flat surface with foam gasket fitted between lamp and fixing surface using screws at two fixing points supplied.

111AM — 58mm / 111mm / 64mm

112ABM — 58mm / 130mm / 98mm
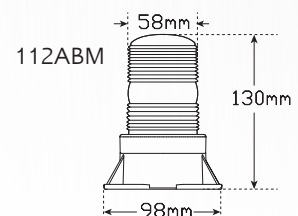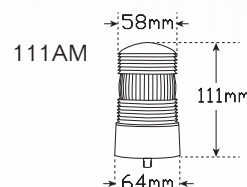
MB Series
Hazard/Warning
Mini Strobe Beacons

- High Brightness LEDs
- Compact Design
- 3 Year Warranty

10 – 48 Voltage   **J845 Class 1** Compliant   **IP67** Rated

The Smallest Compact 360° Warning Device in Australia Ideal for Mine Bars

CLASS 1
SAE/J845

Function	Amber Strobe Beacon
Size	96mm Round x 64mm
Voltage	10-48 Volt
Cable	40cm
Flash Rate	45 FPM
Lens	Polycarbonate

Draw	@13.8V	@28V
	1.00A	1.00A

Approvals	Category
SAE	J845 Class 1

Part Number
MB12AM - Single Blister

Amber Lens

The Smallest Compact 360° Warning Device with Clear Lens in Australia Ideal for Mine Bars

CLASS 1
SAE/J845

Function	Amber Strobe Beacon
Size	96mm Round x 64mm
Voltage	10-48 Volt
Cable	40cm
Flash Rate	45 FPM
Lens	Polycarbonate

Draw	@13.8V	@28V
	1.00A	1.00A

Approvals	Category
SAE	J845 Class 1

Part Number
MB12AMC - Single Blister

Clear Lens

Fitting Instructions and Technical Drawings

Run wires through hole in fixing surface or from the side of the base. Attach with screws provided.

64mm

96mm

183
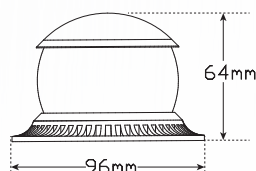
EQPR65 Series
Hazard/Warning
Strobe Beacons

- High Brightness LEDs
- Compact Design
- 3 Year Warranty

10 – 30 Voltage

ECE R65 Compliant

IP67 Rated

DIN Mount

Function	Amber Strobe Beacon	
Size	148mm Round x 120mm	
Voltage	10-30 Volt	
Flash Rate	Quad/Double	
Lens	Polycarbonate	
Draw	**@13.8V**	**@28V**
	0.6A	0.6A
Approvals	**Category**	
ECE	R65	

Part Number
EQPR65ABM-DM - Box

DIN Mount Flexible Rubber

Function	Amber Strobe Beacon	
Size	187mm Round x 180mm	
Voltage	10-30 Volt	
Flash Rate	Quad/Double	
Lens	Polycarbonate	
Draw	**@13.8V**	**@28V**
	0.6A	0.6A
Approvals	**Category**	
ECE	R65	

Part Number
EQPR65ABM-FD - Box

Fitting Instructions and Technical Drawings

Run wires through hole in fixing surface or from the side of the base. Attach with screws provided; ensure foam gasket is between lamp and fixing surface.

EQPR65ABM-DM

175mm

148mm

EQPR65ABM-FD

207mm

148mm
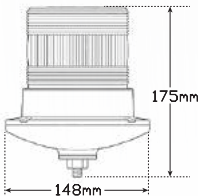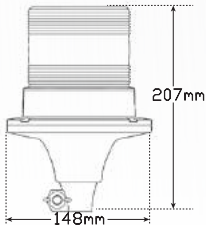
RSB Series
Hazard/Warning
Multiple Strobe/Rotate

- High Powered 1 Watt LEDs
- 10 Selectable Flash Patterns
- 3 Year Warranty

11-32V Voltage

J845 Class 1 Compliant

IP67 Rated

CLASS 1
SAE/J845

Function	Strobe/Rotate Beacon	
Size	130mm Round x 118mm	
Voltage	10-32 Volt	
Lens	Polycarbonate	

Draw	@13.8V	@28V
Strobe	0.70A	0.46A
Rotate	0.46A	0.23A

Approvals	Category
SAE	J845 Class 1

Part Number
RSB130 - Box

CLASS 1
SAE/J845

Function	Strobe/Rotate Beacon	
Size	165mm Round x 114mm	
Voltage	10-30 Volt	
Lens	Polycarbonate	

Draw	@13.8V	@28V
	0.71A	0.28A

Approvals	Category
SAE	J845 Class 1

Part Number
RSB165 - Box

Fitting Instructions and Technical Drawings

Fixed mount - Run cable through hole in mounting surface, fix beacon using bolts supplied.

RSB130

118mm
130mm

RSB165

114mm
165mm
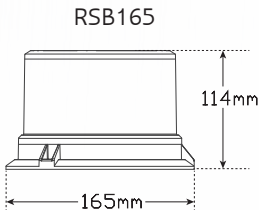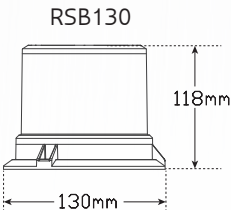
SAE/J845 Class 1 Strobe Emergency Bars

Letting those around you know of a critical or precarious situation is essential to all breakdown, working, or responding vehicles in today's traffic. Becoming more prevalent and certainly more required now is intensely bright warning lights atop these vehicles. LED has answered this issue by adding a range of heavy-duty amber emergency bars with SAE/J845 Class 1 compliance for brightness and intensity.

10 – 30 Multivolt

IP67 Rated

Class 1 SAE/J845

BEST VALUE

Function	Amber Emergency Bar
Size	252mm x 150mm x 45mm
Voltage	Multivolt 10-30V
LED Qty	30
Cable	50cm
Mount	Bracket/Single Bolt
Flash Pattern	Quad
Lens	Polycarbonate

Draw	@12V	@24V
	2.25A	1.07A

Approvals		
SAE/J845	Class 1	
ECE	EMC R10	10R-05.E9.16401

Part Number
LB252ACM - Box

Active

Function	Amber Emergency Bar
Size	621mm x 206mm x 50mm
Voltage	Multivolt 10-30V
LED Qty	96
Cable	50cm
Mount	4 Point Bracket
Flash Pattern	10 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	3.0A	1.6A

Approvals		
SAE/J845	Class 1	
ECE	EMC R10	10R-05.E9.16401
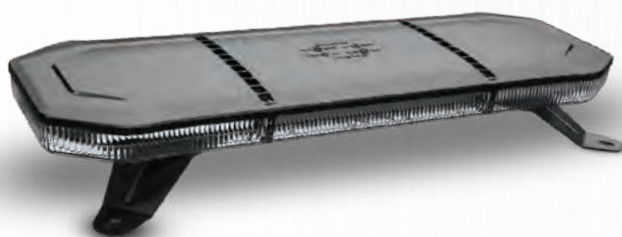
Part Number
LB621ACM - Box

Active

Fitting instructions and Technical Drawings

Fix to level mounting surface with bolt for LB252ACM or 4 point steel mounting base and Fittings Supplied for all others.

45mm
20mm

252.5mm
150mm

115mm
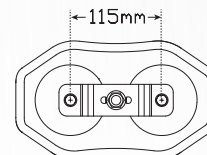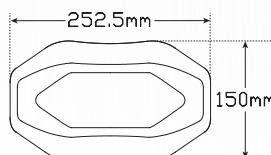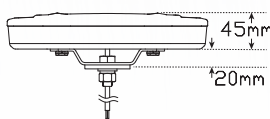
LB Series
Module Design
Surface Mount

- Intense 360° Light Output
- ECE R10 Compliant
- 2 Year Warranty

10 – 30 Multivolt | **Class 1** SAE/J845 | **IP67** Rated
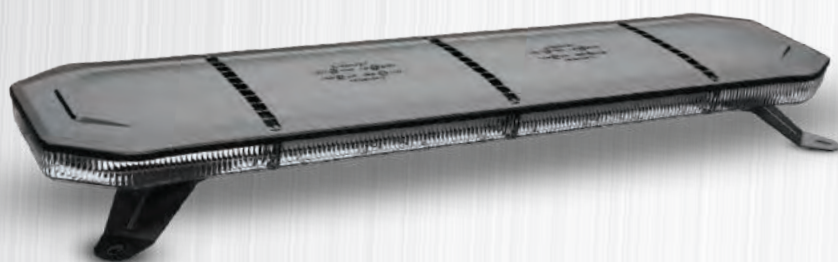
Part Number
LB862ACM - Box

Active

Function	Amber Emergency Bar
Size	862mm x 206mm x 50mm
Voltage	Multivolt 10-30V
LED Qty	128
Cable	50cm
Mount	4 Point Bracket
Flash Pattern	10 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	4.0A	2.2A

Approvals		
SAE/J845	Class 1	
ECE	EMC R10	10R-05.E9.16401
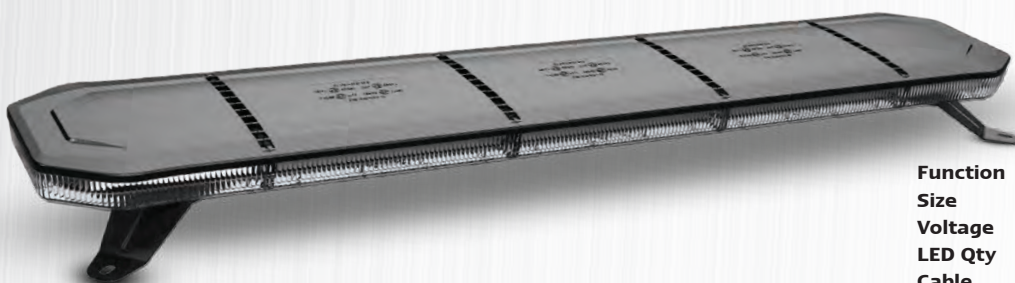
Part Number
LB1103ACM - Box

Active

Function	Amber Emergency Bar
Size	1103mm x 206mm x 50mm
Voltage	Multivolt 10-30V
LED Qty	160
Cable	50cm
Mount	4 Point Bracket
Flash Pattern	10 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	4.92A	2.7A

Approvals		
SAE/J845	Class 1	
ECE	EMC R10	10R-05.E9.16401
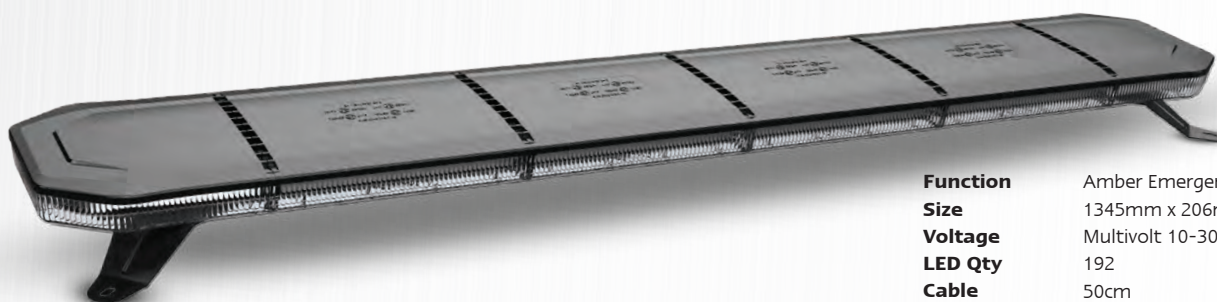
Part Number
LB1345ACM - Box

Active

Function	Amber Emergency Bar
Size	1345mm x 206mm x 50mm
Voltage	Multivolt 10-30V
LED Qty	192
Cable	50cm
Mount	4 Point Bracket
Flash Pattern	10 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	5.88A	3.2A

Approvals		
SAE/J845	Class 1	
ECE	EMC R10	10R-05.E9.16401

1345mm
1103mm
862mm
621mm

50mm
85mm

Adjustable Mounting Feet Width

206mm
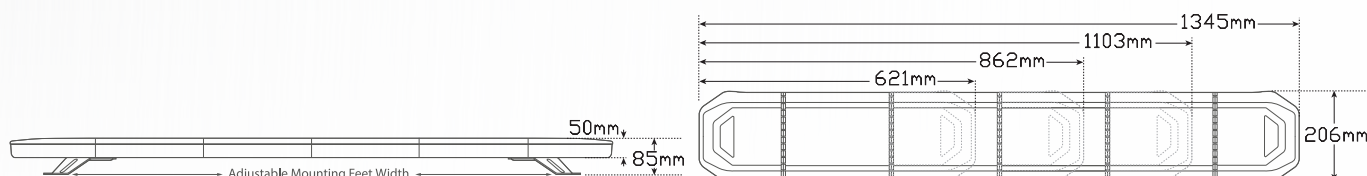
EMERGENCY MINIBARS
AMBER RANGE

- **High Brightness LEDs**
- **18 Selectable Flash Patterns**
- **Coloured Retail Display Box**
- **Optional 4 Leg Mounting Available**
- **5 Year Warranty**

10 – 30 Multivolt **Class 1** SAE/J845 **ECE R10** Compliant **IP65** Rated

---

OVERMASS NHVR Compliant

Function	Amber Emergency Minibar
Size	246mm x 172mm x 37mm
Voltage	Multivolt 10-30V
LED Qty	30
Cable	45cm
Mount	Single Bolt
Flash Patterns	18 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	1.63A	0.56A

Approvals		
SAE/J845	Class 1	
ECE	EMC R10	10R-05.E1.058189

Part Number
LB246AM - Coloured Box

Active

OVERMASS NHVR Compliant

Function	Amber Emergency Minibar
Size	246mm x 172mm x 37mm
Voltage	Multivolt 10-30V
LED Qty	30
Cable	45cm
Mount	Single Bolt
Flash Patterns	18 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	1.63A	0.56A

Approvals		
SAE/J845	Class 1	
ECE	EMC R10	10R-05.E1.058189

Part Number
LB246ACM - Coloured Box

Active

Magnetic Mount

OVERMASS NHVR Compliant

Function	Amber Emergency Minibar
Size	246mm x 172mm x 37mm
Voltage	Multivolt 10-30V
LED Qty	30
Cable	3m with 12 Volt Plug
Mount	Dual Vacuum Magnetic
Flash Patterns	18 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	1.63A	0.56A

Approvals		
SAE/J845	Class 1	
ECE	EMC R10	10R-05.E1.058189

On/Off & Pattern Selection Switch on Plug

Part Number
LB246ACMM - Coloured Box

Active

Fitting Instructions and Technical Drawings

Bolt Mount - Fix to level mounting surface with base and fittings supplied.

Magnetic Mount - Ensure clean level surface, place in desired position. Temporary fit, not designed for permanent fit on moving vehicles. Max Speed Rating 100km/h.

37mm / 64mm

37mm / 49mm

246mm

172mm

LB 246/380 Series
Emergency Minibars
Surface Mount

- High Brightness LEDs
- 18 Selectable Flash Patterns
- 5 Year Warranty

10-30V Multivolt · **Class 1 SAE/J845** · **IP65 Rated**

Part Number
LB380AM - Coloured Box

Function	Amber Emergency Minibar
Size	380mm x 172mm x 37mm
Voltage	Multivolt 10-30V
LED Qty	42
Cable	45cm
Mount	Single Bolt
Flash Patterns	18 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	2.51A	0.56A

Approvals
SAE/J845	Class 1
ECE	EMC R10 10R-05.E1.058189

OVERMASS NHVR Compliant

Active

Part Number
LB380ACM - Coloured Box

Function	Amber Emergency Minibar
Size	380mm x 172mm x 37mm
Voltage	Multivolt 10-30V
LED Qty	42
Cable	45cm
Mount	Single Bolt
Flash Patterns	18 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	2.51A	0.56A

Approvals
SAE/J845	Class 1
ECE	EMC R10 10R-05.E1.058189

OVERMASS NHVR Compliant

Active

Magnetic Mount

On/Off & Pattern Selection Switch on Plug

Part Number
LB380ACMM - Coloured Box

Function	Amber Emergency Minibar
Size	380mm x 172mm x 37mm
Voltage	Multivolt 10-30V
LED Qty	42
Cable	3m with 12 Volt Plug
Mount	Dual Vacuum Magnetic
Flash Patterns	18 Selectable
Lens	Polycarbonate

Draw	@12V	@24V
	2.51A	0.56A

Approvals
SAE/J845	Class 1
ECE	EMC R10 10R-05.E1.058189

OVERMASS NHVR Compliant

Active

Part Number
LB246BKT - Suits 246/380 Series, Bulk

4 Point Adjustable Mounting Feet
Available for all 246/380 Series

Fitting Instructions and Technical Drawings

Bolt Mount - Fix to level mounting surface with base and fittings supplied.

Magnetic Mount - Ensure clean level surface, place in desired position. Temporary fit, not designed for permanent fit on moving vehicles. Max Speed Rating 100km/h.

37mm / 64mm
37mm / 49mm
380mm / 172mm
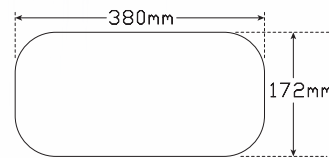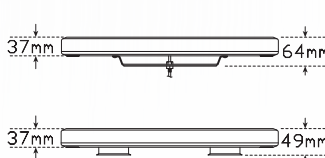
LB Series
Low Profile
Surface Mount

- High Brightness LEDs
- Heavy Duty Build
- 5 Year Warranty

10 – 30 Multivolt   **Class 1** SAE/J845   **IP65** Rated

Part Number
LB356ACM - Box

Active

Function	Amber Emergency Bar
Size	356mm x 210mm x 45mm
Voltage	Multivolt 10-30V
LED Qty	36
Cable	50cm
Flash Patterns	19 Selectable
Lens	Polycarbonate

Draw	@13.8V	@28V
	2.4A	1.3A

Approvals	Function	Approval
ECE	Single/Quad Flash	R65

Part Number
LB744ACM - Box

Active

Function	Amber Emergency Bar
Size	743mm x 271mm x 45mm
Voltage	Multivolt 10-30V
LED Qty	72
Cable	50cm
Flash Patterns	19 Selectable
Lens	Polycarbonate

Draw	@13.8V	@28V
	4.5A	2.3A

Approvals	Function	Approval
ECE	Single/Quad Flash	R65

Part Number
LB964ACM - Box

Active

Function	Amber Emergency Bar
Size	964mm x 271mm x 45mm
Voltage	Multivolt 10-30V
LED Qty	90
Cable	50cm
Flash Patterns	19 Selectable
Lens	Polycarbonate

Draw	@13.8V	@28V
	5.8A	2.9A

Approvals	Function	Approval
ECE	Single/Quad Flash	R65

Fitting Instructions and Technical Drawings

Fix to level mounting surface with base and fittings supplied.

356mm | 210mm | 45mm

743mm | 271mm | 45mm | 99mm | 388mm

964mm | 271mm | 45mm | 99mm | 608mm
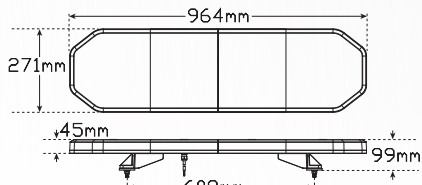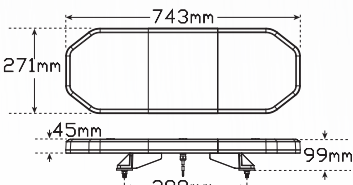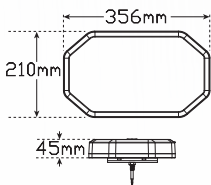
83 Series
Trafficator/Arrow Board
Surface Mount

- Centre Brightness 700cd
- Internal & External Use
- 5 Year Warranty

IP67 Rated

12 Volt Only

Clear When Inactive

Function	Amber Trafficator Lamp
Size	140mm x 83mm
Voltage	12 Volt Only
LED Qty	48
Cable	10cm
Draw	**@12V**
	0.42A
Certification	AS 41952-2006

Australian Regulatory Approved for Arrow Boards

Part Number
83A - Box

Clear When Inactive

Function	Red Trafficator Lamp
Size	140mm x 83mm
Voltage	12 Volt Only
LED Qty	48
Cable	10cm
Draw	**@12V**
	0.42A

Part Number
83R - Box

Clear When Inactive

Function	Green Trafficator Lamp
Size	140mm x 83mm
Voltage	12 Volt Only
LED Qty	48
Cable	10cm
Draw	**@12V**
	0.42A

Part Number
83G - Box

Fitting Instructions and Technical Drawings

Fit to flat surface with three rivets supplied ensuring 4 inch "O" ring is positioned under base to ensure vibration resistance. Run wires from back of lamp.

83mm

140mm
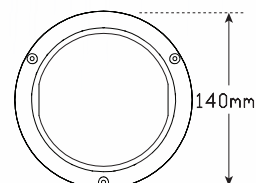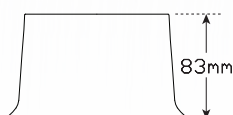
EMERGENCY STROBE
SAE/J595 CLASS 1

Letting those around you know of a critical or precarious situation is essential to all breakdown, working, or responding vehicles in today's traffic. Becoming more prevalent and certainly more required now is intensely bright warning lights on these vehicles. LED has answered this by adding a range of heavy-duty coloured emergency strobe lamps that are SAE/J595 Class 1 compliance for brightness and intensity as well as inbuilt with selectable flash patterns. These lamps are super bright with a smooth low profile compact fit that makes them perfect for any emergency application.

- **High Brightness LEDs**
- **Selectable Flash Patterns**
- **Synchronise Up to 20 Lamps**
- **Compact Low Profile Design**
- **3m Tape/Screw Fitting**
- **3 Year Warranty**

Flash Selection Instructions

1. Connect Red wire to power and Black wire to earth to power the lamp.
2. Tap Brown wire to power to cycle through the flash patterns.
3. Hold Brown wire to power for 7 seconds to reset to the start (Constant Flash Pattern #1).

Simultaneous or Alternating Flash (when using multiple units)

1. To enter grouping mode, connect all Red and Brown wires together, then connect to power. Each lamp will flash to identify which group they belong to.

   Single Flash = Group 1, Double Flash = Group 2.
2. While maintaining power to Red wires, remove the Brown wires from power.
3. To change groups, tap Brown wire to power.

   Lamps that are set to the same group will flash simultaneously.
   Lamps that are in opposite groups will alternate flash.
4. Once lamps are in desired group, disconnect Red wires from power then reconnect to power to exit grouping mode.
5. Connect all brown wires together to synchronise lamps. (Hold all brown wires to power for 7 seconds to reset all flash patterns to start)

NOTE: Maximum of 20 lamps can be Synchronised together.
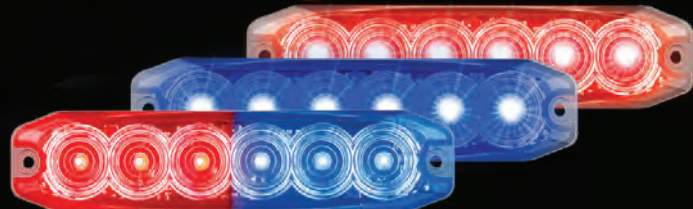
120033 Series Emergency Lamps 3M/Screw Mount

- Low Profile Only 8mm
- 11 Selectable Flash Patterns
- 3 Year Warranty

12 – 24 Multivolt **Class 1 SAE/J845** **IP67 Rated**

Part Numbers
120033AM - Blister
120033AMB - Bulk

Clear Lens
When Inactive

Function	Amber Emergency Lamp	
Size	89mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	25cm	
Flash Patterns	11 Selectable	
Draw	**@13.8V**	**@28V**
Constant	0.18A	0.40A
Strobe	0.20A	0.10A
Approvals		
SAE/J595	Class 1	

Part Number
120033RM - Blister

Clear Lens
When Inactive

Function	Red Emergency Lamp	
Size	89mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	25cm	
Flash Patterns	11 Selectable	
Draw	**@13.8V**	**@28V**
Constant	0.18A	0.40A
Strobe	0.20A	0.10A
Approvals		
SAE/J595	Class 1	

Part Number
120033BM - Blister

Clear Lens
When Inactive

Function	Blue Emergency Lamp	
Size	89mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	25cm	
Flash Patterns	11 Selectable	
Draw	**@13.8V**	**@28V**
Constant	0.18A	0.40A
Strobe	0.20A	0.10A
Approvals		
SAE/J595	Class 1	

Part Number
120033WM - Blister

Clear Lens
When Inactive

Function	White Emergency Lamp	
Size	89mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	25cm	
Flash Patterns	11 Selectable	
Draw	**@13.8V**	**@28V**
Constant	0.18A	0.40A
Strobe	0.20A	0.10A
Approvals		
SAE/J595	Class 1	

Part Number
120033GM - Blister

Clear Lens
When Inactive

Function	Green Emergency Lamp	
Size	89mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	25cm	
Flash Patterns	11 Selectable	
Draw	**@13.8V**	**@28V**
Constant	0.18A	0.40A
Strobe	0.20A	0.10A
Approvals		
Nil		

Fitting Instructions and Technical Drawings

Mount horizontally or vertically onto a flat surface using 3M tape and screws supplied.

89mm
30mm
8mm
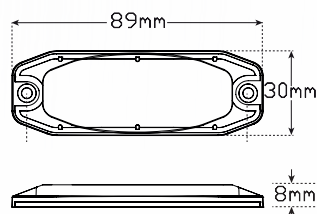
120034 Series
Emergency Lamps
3M/Screw Mount

- Low Profile Only 8mm
- 11 Selectable Flash Patterns
- 3 Year Warranty

12 – 24 Multivolt   **Class 1 SAE/J595**   **IP67 Rated**

Function	Amber Emergency Lamp
Size	98mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	11 Selectable

Draw	@12V	@24V
Constant	0.27A	0.15A
Strobe	0.60-0.005A	0.34-0.008A

Approvals	
SAE/J595	Class 1

Part Number
120034AM - Blister

Clear Lens
When Inactive

Function	Red Emergency Lamp
Size	98mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	11 Selectable

Draw	@12V	@24V
Constant	0.27A	0.15A
Strobe	0.60-0.005A	0.34-0.008A

Approvals	
SAE/J595	Class 1

Part Number
120034RM - Blister

Clear Lens
When Inactive

Function	Blue Emergency Lamp
Size	98mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	11 Selectable

Draw	@12V	@24V
Constant	0.27A	0.15A
Strobe	0.60-0.005A	0.34-0.008A

Approvals	
SAE/J595	Class 1

Part Number
120034BM - Blister

Clear Lens
When Inactive

Function	White Emergency Lamp
Size	98mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	11 Selectable

Draw	@12V	@24V
Constant	0.27A	0.15A
Strobe	0.60-0.005A	0.34-0.008A

Approvals	
SAE/J595	Class 1

Part Number
120034WM - Blister

Clear Lens
When Inactive

Function	Green Emergency Lamp
Size	98mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	11 Selectable

Draw	@12V	@24V
Constant	0.27A	0.15A
Strobe	0.60-0.005A	0.34-0.008A

Approvals	
Nil	

Part Number
120034GM - Blister

Clear Lens
When Inactive

Fitting Instructions
and Technical Drawings

Mount horizontally or vertically onto a flat surface using 3M tape and screws supplied.

98mm
30mm
87.5mm
8mm
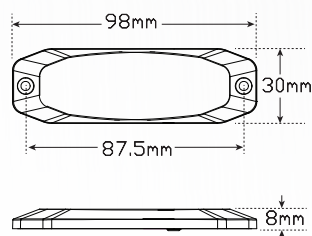
120035 Series
Emergency Lamps
3M/Screw Mount

- Low Profile Only 8mm
- 14 Selectable Flash Patterns
- 3 Year Warranty

12 – 24 Multivolt   **Class 1** SAE/J595   **IP67** Rated

Clear Lens When Inactive

Function	Amber Emergency Lamp	
Size	131mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	6	
Cable	25cm	
Flash Patterns	14 Selectable	
Draw	**@12V**	**@24V**
Constant	0.29A	0.15A
Strobe	0.72-0.005A	0.36-0.008A
Approvals		
SAE/J595	Class 1	

Part Number
120035AM - Blister

Clear Lens When Inactive

Function	Red Emergency Lamp	
Size	131mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	6	
Cable	25cm	
Flash Patterns	14 Selectable	
Draw	**@12V**	**@24V**
Constant	0.29A	0.15A
Strobe	0.72-0.005A	0.36-0.008A
Approvals		
SAE/J595	Class 1	

Part Number
120035RM - Blister

Clear Lens When Inactive

Function	Blue Emergency Lamp	
Size	131mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	6	
Cable	25cm	
Flash Patterns	14 Selectable	
Draw	**@12V**	**@24V**
Constant	0.29A	0.15A
Strobe	0.72-0.005A	0.36-0.008A
Approvals		
SAE/J595	Class 1	

Part Number
120035BM - Blister

Clear Lens When Inactive

Function	White Emergency Lamp	
Size	131mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	6	
Cable	25cm	
Flash Patterns	14 Selectable	
Draw	**@12V**	**@24V**
Constant	0.29A	0.15A
Strobe	0.72-0.005A	0.36-0.008A
Approvals		
SAE/J595	Class 1	

Part Number
120035WM - Blister

Clear Lens When Inactive

Function	Red/Blue Emergency Lamp	
Size	131mm x 30mm x 8mm	
Voltage	Multivolt 12-24V	
LED Qty	6	
Cable	25cm	
Flash Patterns	14 Selectable	
Draw	**@12V**	**@24V**
Constant	0.29A	0.15A
Strobe	0.72-0.005A	0.36-0.008A
Approvals		
SAE/J595	Class 1	

Part Number
120035RBM - Blister

Fitting Instructions and Technical Drawings

Mount horizontally or vertically onto a flat surface using 3M tape and screws supplied.

131mm

30mm

120mm

8mm

93 Series
Emergency Lamps
Surface Mount

- High Brightness LEDs
- Strobe with Sync Wire
- 3 Year Warranty

12 – 24 Multivolt **ECE R10** Compliant **IP67** Rated

Function	Amber Emergency Strobe Lamp
Size	93mm x 36mm x 25mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	19cm
Flash Patterns	Strobe or Constant

Draw	@12V	@24V
Constant	0.24A	0.07A
Strobe	0.03A	0.02-0.15A

Approvals	
ECE R10	E13 SAE. W08

Part Number
93AM - Blister

Function	Red Emergency Strobe Lamp
Size	93mm x 36mm x 25mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	19cm
Flash Patterns	Strobe or Constant

Draw	@12V	@24V
Constant	0.24A	0.07A
Strobe	0.03A	0.02A-0.15A

Approvals	
ECE R10	E13 SAE. W08

Part Number
93RM - Blister

Function	Blue Emergency Strobe Lamp
Size	93mm x 36mm x 25mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	19cm
Flash Patterns	Strobe or Constant

Draw	@12V	@24V
Constant	0.24A	0.07A
Strobe	0.03A	0.02A-0.15A

Approvals	
ECE R10	E13 SAE. W08

Part Number
93BM - Blister

Function	White Emergency Strobe Lamp
Size	93mm x 36mm x 25mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	19cm
Flash Patterns	Strobe or Constant

Draw	@12V	@24V
Constant	0.24A	0.07A
Strobe	0.03A	0.02A-0.15A

Approvals	
ECE R10	E13 SAE. W08

Part Number
93WM - Blister

Function	Green Emergency Strobe Lamp
Size	93mm x 36mm x 25mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	19cm
Flash Patterns	Strobe or Constant

Draw	@12V	@24V
Constant	0.24A	0.07A
Strobe	0.03A	0.02A-0.15A

Approvals	
ECE R10	E13 SAE. W08

Part Number
93GM - Blister

Fitting Instructions, Accessories and Technical Drawings

P/N 93B1B

Horizontally mount onto flat surface with screws provided using flange and foam gasket.
Constant - Red power constant wire.
Synchronise - Join all yellow wires together.

Right Angle Bracket

93mm

25mm

86.5mm

36mm
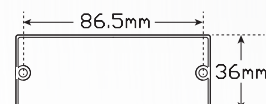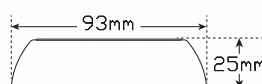
180° Angle Emergency Lamps Surface Mount

- High Brightness LEDs
- 12 Selectable Flash Patterns
- 5 Year Warranty

12 – 24 Multivolt | **ECE R10** Compliant | **IP67** Rated

Function	Amber Emergency Lamp	
Size	112mm x 37mm x 23mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	18cm	
Flash Patterns	12 Selectable	
Draw	**@12V**	**@24V**
Constant	0.13A	0.11A
Strobe	0.10A-0.34A	0.01A-0.12A
Approvals		
ECE R10	E6 10R04.0473	

Part Number 90AM - Blister

Function	Red Emergency Lamp	
Size	112mm x 37mm x 23mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	18cm	
Flash Patterns	12 Selectable	
Draw	**@12V**	**@24V**
Constant	0.13A	0.11A
Strobe	0.10A-0.34A	0.01A-0.12A
Approvals		
ECE R10	E6 10R04.0473	

Part Number 90RM - Blister

Function	Blue Emergency Lamp	
Size	112mm x 37mm x 23mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	18cm	
Flash Patterns	12 Selectable	
Draw	**@12V**	**@24V**
Constant	0.13A	0.11A
Strobe	0.10A-0.34A	0.01A-0.12A
Approvals		
ECE R10	E6 10R04.0473	

Part Number 90BM - Blister

Function	White Emergency Lamp	
Size	112mm x 37mm x 23mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	18cm	
Flash Patterns	12 Selectable	
Draw	**@12V**	**@24V**
Constant	0.13A	0.11A
Strobe	0.10A-0.34A	0.01A-0.12A
Approvals		
ECE R10	E6 10R04.0473	

Part Number 90WM - Blister

Function	Green Emergency Lamp	
Size	112mm x 37mm x 23mm	
Voltage	Multivolt 12-24V	
LED Qty	3	
Cable	18cm	
Flash Patterns	12 Selectable	
Draw	**@12V**	**@24V**
Constant	0.13A	0.11A
Strobe	0.10A-0.34A	0.01A-0.12A
Approvals		
ECE R10	E6 10R04.0473	

Part Number 90GM - Blister

Fitting Instructions and Technical Drawings

Horizontally mount onto flat surface with screws provided using flange and foam gasket. **Yellow** - Synchronising (Optional) [1 sec next pattern] [3 sec previous] [5 sec steady] [6 sec + off]. Connect yellow wires of all lamps together for synchronisation. **White** - Low Power [Connect white wire to black wire for low power, strobe functions only]

112mm • 23mm • 37mm • 74mm
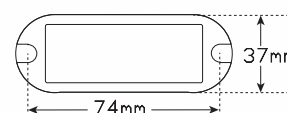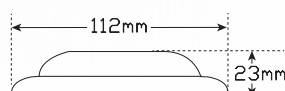
94 Series
Coloured Strobe Lamps
Adjustable Bracket Mount

- 18 Selectable Flash Patterns
- Adjustable Steel Bracket
- 5 Year Warranty

12 – 24 Multivolt **IP67 Rated**

Function	Amber Emergency Strobe Lamp
Size	72mm x 72mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	18 Selectable

Draw	@12V	@24V
Constant	0.11A	0.06A

Clear Lens
When Inactive

Part Number
94AM - Bulk

Function	Red Emergency Strobe Lamp
Size	72mm x 72mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	18 Selectable

Draw	@12V	@24V
Constant	0.11A	0.06A

Clear Lens
When Inactive

Part Number
94RM - Bulk

Function	Blue Emergency Strobe Lamp
Size	72mm x 72mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	18 Selectable

Draw	@12V	@24V
Constant	0.11A	0.06A

Clear Lens
When Inactive

Part Number
94BM - Bulk

Function	White Emergency Strobe Lamp
Size	72mm x 72mm x 28mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	25cm
Flash Patterns	18 Selectable

Draw	@12V	@24V
Constant	0.11A	0.06A

Clear Lens
When Inactive

Part Number
94WM - Bulk

Fitting Instructions
and Technical Drawings

Fix to mounting surface using adjustable U bracket, bolts and fittings supplied. To change flash pattern, apply red wire to yellow wire, once for next pattern, three times for pattern 0. For more information, please refer to our website.

28mm

72mm

72mm
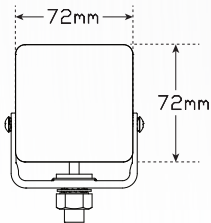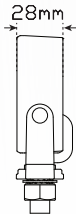
Magenta Series Warning Lamps

- **High Powered 3 Watt LEDs**
- **Sync Multiple Lamps**
- **Multivolt**
- **IP67 Rated**
- **3 Year Warranty**

Intense Brightness

IP67 Rated

12 – 24 Multivolt

Part Number
120033MGM - Blister

Function	Magenta Warning Lamp
Size	89mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	25cm
Flash Patterns	11 Selectable

Draw	@13.8V	@28V
Constant	0.18A	0.40A
Strobe	0.20A	0.10A

89mm · 8mm · 30mm
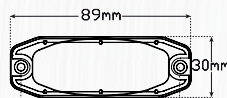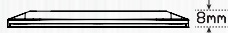
Part Number
120035MGM - Blister

Function	Magenta Warning Lamp
Size	131mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	25cm
Flash Patterns	14 Selectable

Draw	@12V	@24V
Constant	0.29A	0.15A
Strobe	0.72-0.005A	0.36-0.008A

131mm · 8mm · 30mm · 120mm

Part Number
128MGM - Blister

Function	Magenta Warning Beacon
Size	130mm Round x 97mm
Voltage	11-30 Volt
Cable	20cm
Flash Rate	82-92 FPM
Lens	Polycarbonate
Fitting	Fixed Screw Mount

Draw	@13.8V	@28V
	0.39A	0.19A

97mm · 130mm · 120°
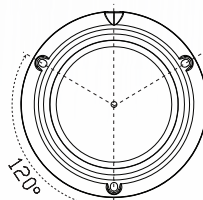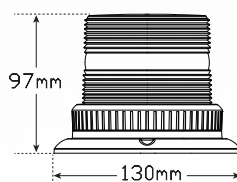
FORKLIFT SAFETY LIGHT RANGE
VISIBLY BRIGHT WORK ZONE

Pedestrian safety in the workplace is at the forefront of the development with our latest forklift safety lighting range. You are required to have installed reversing alarms and rotating beacons as per the Australian/ New Zealand standards. Yet, in a busy and noisy working environment, the addition of an early warning forklift safety lamp gives pedestrians the advantage of a first visual warning of the vehicles working area and alerting to possible danger. Specifically designed to be fitted to a forklift, scissor lift, or excavation type vehicles, our range offers both blue and red high powered light output as well as several different lighting patterns. They are robustly manufactured by using a die-cast alloy body and a virtually indestructible polycarbonate lens with an IP67 100% water and dustproof rating, ensuring long reliability and almost no machine downtime. Create a safer operating workspace by adding a forklift safety lamp to your fleet.

- Forklift Warning Safety Zone
- 4.5 Metre Light Projection
- 3 Year Warranty

IP67 Rated

10 – 80 Voltage

10 – 94 Voltage

Function	Blue Square Beam
Size	76mm x 89mm x 74mm
Voltage	10-94 Volt
LED Qty	4
Cable	45cm
Lens	Polycarbonate

Draw	@10V	@94V
	0.87A	0.12A

Approvals	Approval No.
ECE R10	10R05.E9.16017

Part Number
FLT01 - Bulk

Function	Red Square Beam
Size	76mm x 89mm x 74mm
Voltage	10-94 Volt
LED Qty	4
Cable	45cm
Lens	Polycarbonate

Draw	@10V	@94V
	0.67A	0.09A

Approvals	Approval No.
ECE R10	10R05.E9.16017

Part Number
FLT02 - Bulk

Fitting Instructions and Technical Drawings

Bolt to rear of vehicle using adjustable bracket mount. Angle lamp to your desired safety distance point or zone, then tighten.

74mm   76mm   89mm
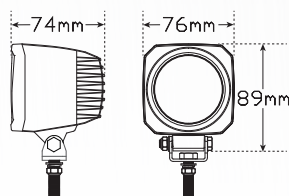
Forklift Warning Safety Zone
4.5 Metre Light Projection
Adjustable Mounting

- Heavy Duty Compact Design
- Wide Voltage Range
- 3 Year Warranty

EMC/R10 Approved
IP67 Rated

Function	Red Line Beam
Size	61mm x 58mm x 56mm
Voltage	10-80 Volt
LED Qty	2
Cable	50cm
Lens	Polycarbonate

Draw	@10V	@80V
	0.38A	0.06A

Approvals	Approval No.
ECE R10	10R-05.E9.11346

Part Number
FLT03 - Bulk

Function	Red Square Beam
Size	76mm x 73mm x 73mm
Voltage	10-94 Volt
LED Qty	3
Cable	37cm
Lens	Polycarbonate

Draw	@10V	@94V
	0.48A	0.06A

Approvals	Approval No.
ECE R10	10R05.E9.16017
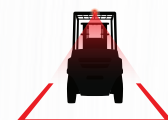
Part Number
FLT04 - Bulk

Function	Red Semi-Circle Beam
Size	117mm x 93mm x 111mm
Voltage	10-80 Volt
LED Qty	1
Cable	27cm
Lens	Polycarbonate

Draw	@10V	@80V
	0.90A	0.18A

Approvals	Approval No.
ECE R10	10R06/00.22071.00
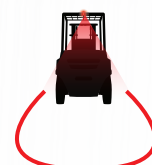
Part Number
FLT05 - Bulk

Fitting Instructions and Technical Drawings

Bolt to rear of vehicle using adjustable bracket mount. Angle lamp to your desired safety distance point or zone, then tighten.

56mm | 61mm | 58mm | 73mm | 76mm | 73mm | 111mm | 117mm | 93mm
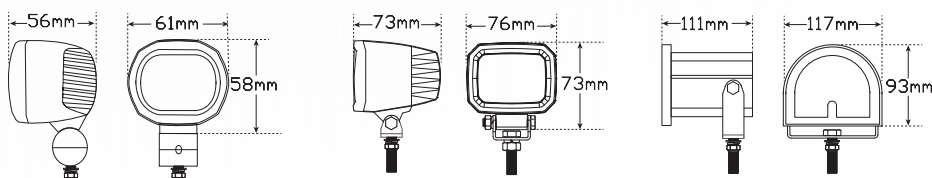
LOW BEAM LIGHTBAR
MANUFACTURED FOR BULLBARS
NEEDING LIGHTING COMPLIANCE

When fitting an after-market bullbar to your vehicle the original manufacturers legal low beam headlight can become obscured. This has the propensity to make your vehicle unroadworthy. To combat this and ensure you are kept legal, we have made available a super tough, light weight low beam lightbar specifically designed to enhance a manufacturers low beam headlight. The HL250 is super bright with 1000 lumens and has a flexible swivel and tilt mount option so the lamp will be suitable for many vehicle applications.

- Heavy Duty Polycarbonate Housing
- 8x High Power LEDs with 1000 Effective Lumens Output
- Multi-Position Swivel and Tilt Mounting
- Hardened Polycarbonate Lens
- Tough 2.5mm 304 Steel Bracket

Features a fully adjustable swivel/tilt bracket for road legal low beam function. Perfect for aftermarket bullbars that may obstruct factory fitted low beam headlights.

HL250 Series
Swivel/Tilt Bracket Mount
Low Beam Lightbar

- High Brightness LEDs
- Heavy Duty Design
- 5 Year Warranty

11 – 32 Multivolt | ECE Low Beam | IP67 Rated

Part Number
HL250 - Coloured Box
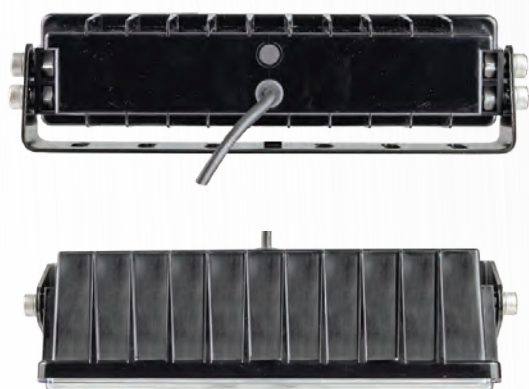
Function	Low Beam Head Lamp Lightbar
Size	250mm x 62mm x 78.5mm
Voltage	Multivolt 11-32V
LED Qty	8
Cable	30cm
Colour Temp	5700K
Lumens	1000lm Effective
Draw @13.8V	1.3A
@24V	0.6A

Approvals	Function	Approval No.
ECE	Low Beam	E6*112R01/08*1062*00

Fitting Instructions and Technical Drawings

Bracket mount with supplied stainless steel fittings. Adjust bracket to suit bull bar for low beam function. Please refer to ADR 13/00 for mounting instructions.

78.5mm | 62mm | 72mm | 273mm | 250mm

202
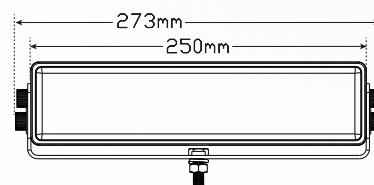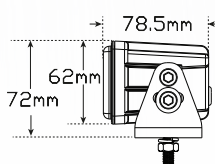
HL90 Series
90mm Retro Fit
Projector Headlights

- Road Approved Headlights
- Direct Halogen Replacement
- 5 Year Warranty

ECE Low Approved
ECE High Approved
ECE Position Approved
ECE R10 Compliant
9 – 32 Multivolt
IP67 Rated

Function	High Beam & Front Position
Size	106mm x 106mm x 147mm
Voltage	Multivolt 9-32V
LED Qty	1 x 17W + 3 Front Position
Colour Temp	5600K
Lumens	High 700lm Effective
Cable	40cm with H4 Plug

Draw	High
@13.8V	1.77A
@28V	0.79A

Approvals	Function	Approval No.
ECE	High Beam	E6-112R-010786
ECE	Front Position	E6-7R-020786

Part Number
HL90 - Bulk

Function	High/Low Beam
Size	106mm x 116mm x 172mm
Voltage	Multivolt 9-32V
LED Qty	2 x 17W
Colour Temp	5600K
Lumens	High 750lm, Low 360lm Effective
Cable	40cm with H4 Plug

Draw	Low	High
@13.8V	3.08A	1.53A
@28V	1.44A	0.72A

Approvals	Function	Approval No.
ECE	High/Low Beam	E6-112R-010428

Part Number
HL91 - Bulk

Function	Low Beam
Size	106mm x 106mm x 147mm
Voltage	Multivolt 9-32V
LED Qty	1 x 17W
Colour Temp	5600K
Lumens	Low 430lm Effective
Cable	40cm with H4 Plug

Draw	Low
@13.8V	1.77A
@28V	0.79A

Approvals	Function	Approval No.
ECE	Low Beam	E6-112R-010523

Part Number
HL92 - Bulk

Fitting Instructions, Accessories and Technical Drawings

Retro fit to existing globe type 90mm Projector sealed beam headlamps.

P/N HLRC/10

Tulip Clip 10 Pack

106mm
106mm
147mm
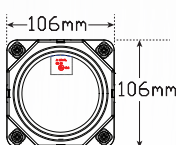
HL90
HL92
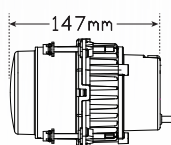
Mounting Configuration: ECE Markings
Need to be horizontal orientated (Top).

106mm
172mm
116mm
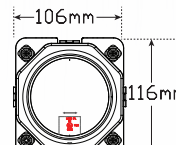
HL91
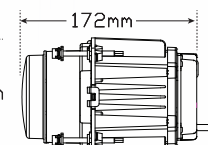
Mounting Configuration: ECE Markings
Need to be horizontal orientated (Bottom).

TIR OPTICS
TOTAL INTERNAL REFLECTION

- **Magnified Light Intensity for Each LED**
- **Focusing Each LED to its Intended Target**

- **No Light Loss from Glare or Scattered Light**
- **Low Cost & More Bang for Your Bucks**

The new TIR Optics Range. TIR stands for "Total Internal Reflection" and is the latest in optical design for use with injection molded plastic polymers that are shaped into a refractive lens inside a reflector. This in turn encompasses the on-board LEDs, harnessing the light at the source and focusing each LED to exactly where it is intended with minimal glare or stray light. Research and development into this project discovered some interesting facts. Two lamps, one a TIR lens design and the other a reflector based style both with matching specifications that include Lumen and lux outputs, showed the TIR to have a centre illumination in lux twice that of the reflector and only 6% light contributing to glare as opposed to 28% with the reflector technology.

Park Function Active

Die-Cast Aluminium Body for Superior Strength

Upgraded 4mm 304 Stainless Steel Bracket

Resistant to Extreme Off-Road Vibration

Latest TIR Optical Design for Greater Light Efficiency

IP68 100% Water and Dust Proof

Over Voltage Protection with EMC Compliance

Rubber Gasket
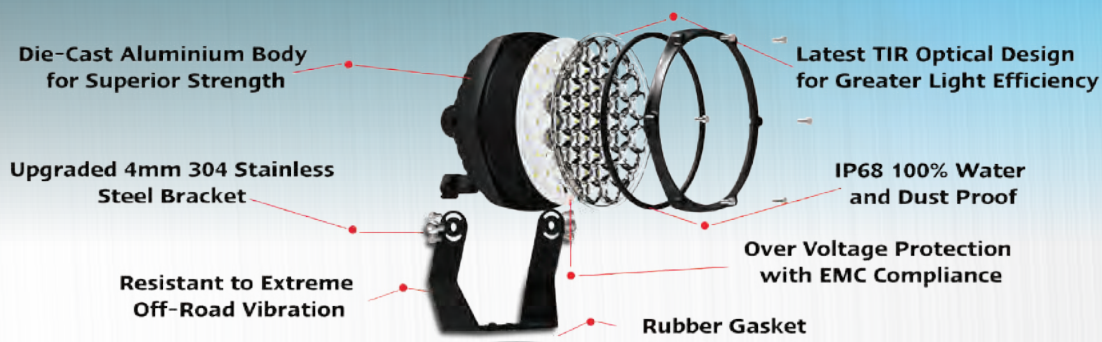
DIY Wiring Harness Kit for TIR Series

4 Metres Total Harness Length

Part Number
TIRWH1 - Blister

Red Wire to Battery

On/Off Switch in CAB Mount

40 Amp Fuse

Brown Wire to Park Light Function

Must Connect to High Beam Circuit. Adapter Plugs Provided

Black Wire to Earth to Body
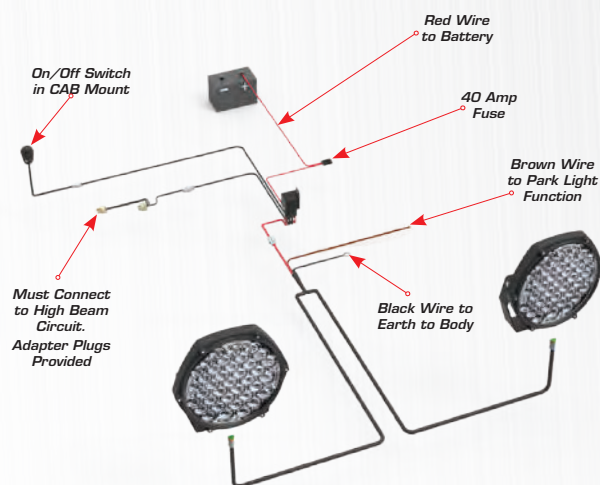
Accessories and Technical Drawings

P/N TIR7-CY
P/N TIR9-CY

P/N TIR7-CB
P/N TIR9-CB

P/N TIR7-CC
P/N TIR9-CC

Yellow Lens Cover

Blue Lens Cover

Clear Lens Cover

TIR Range
Driving Lights

- High Brightness OSRAM LEDs
- New 4mm 304 Stainless Steel Bracket
- 2 Year Warranty

9 – 32 Multivolt | **ECE R10** Approved | **IP67** Rated

Function	Driving/Front Position
Size	189mm x 175mm x 65mm
Voltage	Multivolt 9-32V
LED Qty	32 + 4 Front Position
Watts	160
Colour Temp	6500K
Lumens	12,480lm Effective
Cable	200mm with DT Connector

Draw	@13.8V	@28V
	9.2A	4.00A

Approvals	Function	Approval No.
ECE	EMC R10	E9*10R05/01*16217*00

Part Number
TIR7 - Twin Blister
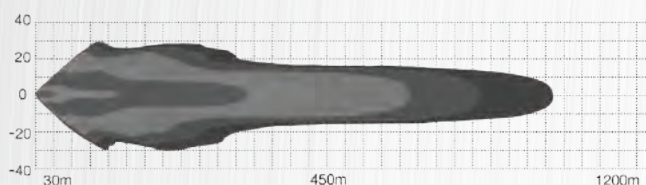
Function	Driving/Front Position
Size	244mm x 228mm x 73m
Voltage	Multivolt 9-32V
LED Qty	37 + 8 Front Position
Watts	185
Colour Temp	6500K
Lumens	13,880lm Effective
Cable	200mm with DT Connector

Draw	@13.8V	@28V
	12.0A	5.30A

Approvals	Function	Approval No.
ECE	EMC R10	E9*10R05/01*16217*00

Part Number
TIR9 - Twin Blister

TIR7 65mm 189mm 175mm 189mm

TIR9 73mm 244mm 228mm 241mm

205
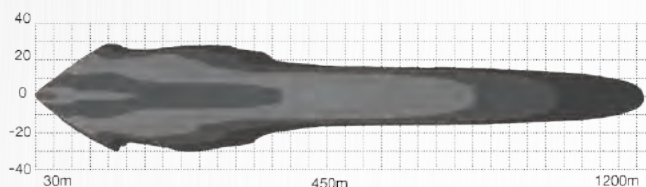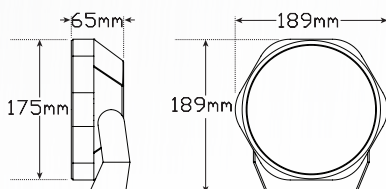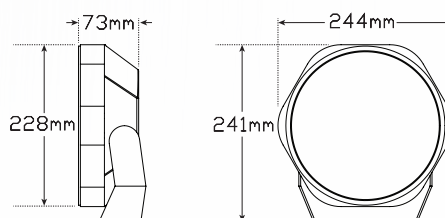
ROAD APPROVED
HIGH POWERED DRIVING LAMPS

Developed exclusively by LED Autolamps is the unique DL series road-legal driving lamps. Cutting edge design with a lightweight, super-tough polycarbonate lens and body as well as enhanced lens optics. They also feature road-legal ECE R112 high beam and ECE R7 front marker, as with an impressive 610m road beam projection, making them perfect for all bullbar applications.

Heavy Duty Polycarbonate Housing

2x High Powered 10 Watt LEDs

Front Position

Hardened Polycarbonate Lens

Adjustable Stainless Steel Bracket with Cover

Function	Driving/Front Position
Size	226mm Round x 134mm
Voltage	Multivolt 9-32V
LED Qty	2x 10W + 18 Front Position
Watts	20
Colour Temp	6000K
Beam	610m
Cable	300mm

Draw	Driving	Position
@13.8V	1.25A	0.15A
@28V	0.6A	0.15A

Approvals	Function	Approval No.
ECE	Driving Beam	TBA
ECE	Front Position	TBA
ECE	EMC R10	TBA
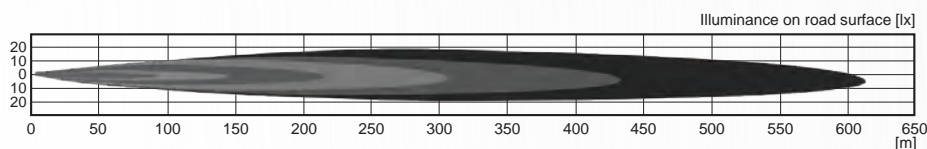
Part Number
DL226 - Twin Blister

Illuminance on road surface [lx]

```
20
10
 0
10
20
   0   50  100  150  200  250  300  350  400  450  500  550  600  650
                                                                  [m]
```

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

134mm

226mm

265mm
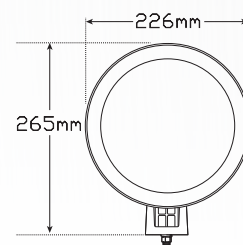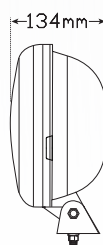
LED Oval Driving Lamp

- Road Approved Driving Lamps
- 610m Beam Distance
- 5 Year Warranty

ECE R10 Approved

ECE R7 Approved

ECE R112 Approved

9 – 32 Multivolt

IP67 Rated

Function	Driving/Front Position
Size	245mm x 178mm x 109m
Voltage	Multivolt 9-32V
LED Qty	2x 10W + 18 Front Position
Watts	20
Colour Temp	6000K
Beam	610m
Cable	300mm

Draw	Driving	Position
@13.8V	1.25A	0.15A
@28V	0.6A	0.15A

Approvals	Function	Approval No.
ECE	Driving Beam	E6*112R01/08.5127.8
ECE	Front Position	E6*7R02/27*5127*00
ECE	EMC R10	E6*10R05/01*1133*00
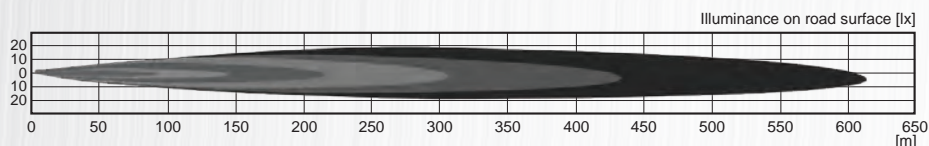
Part Number
DL245 - Twin Blister

Illuminance on road surface [lx]

Fitting Instructions, and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

109mm

245mm

178mm
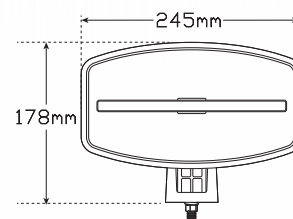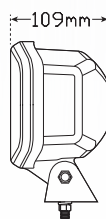
LED 7" Sealed Beam Headlights

- Road Approved Headlights
- Halogen Replacement
- 5 Year Warranty

| ECE High Beam | ECE Low Beam | ECE Front Position |
| ECE R10 Approved | 11 – 32 Multivolt | IP67 Rated |

Function	High/Low Beam/Front Position
Size	175mm Round x 98mm Deep
Voltage	Multivolt 11-32V
LED Qty	4 x 3W Low, 1 x 17W High Beam
	2 x Front Position
Colour Temp	5300K-6500K
Lumens	Low - 940lm, High - 1422lm Effective
Cable	12cm with H4 Plug

Draw	Low Beam	High Beam
@13.8V	1.28A	2.23A
@28V	0.56A	1.00A

Approvals	Function	Approval No.
ECE	High/Low Beam	E6-112R-010658
ECE	Front Position	E6-7R-020658

Part Numbers
HL175 - Twin Blister
MC175 - Single Blister

Road Legal Low Beam

Road Legal High Beam

Function	High Beam/Front Position
Size	175mm Round x 98mm Deep
Voltage	Multivolt 11-32V
LED Qty	1x 17W High Beam
	2 x Front Position
Colour Temp	5300K-6500K
Lumens	High - 1422lm Effective
Cable	12cm with H4 Plug (2 Pin)

Draw	High Beam
@13.8V	2.23A
@28V	1.00A

Approvals	Function	Approval No.
ECE	High Beam	E6-112R-010658
ECE	Front Position	E6-7R-020658
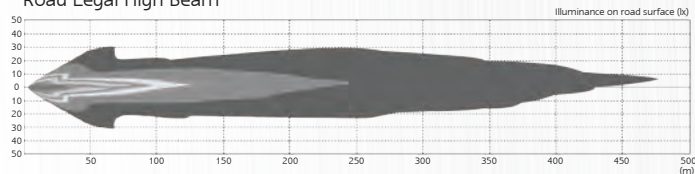
Part Number
HL174 - Twin Blister

Road Legal High Beam
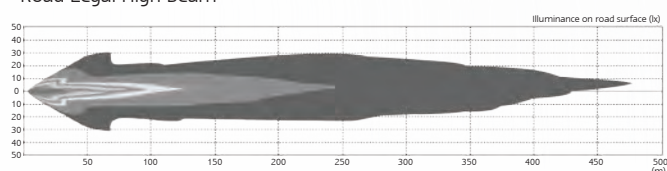
LED 5¾" Sealed Beam
LED 5x7" Sealed Beam

- Road Approved Headlights
- Halogen Replacement
- 5 Year Warranty

ECE High Beam **ECE** Low Beam **ECE** Front Position

9 – 32 Multivolt **11 – 32** Multivolt **IP67** Rated

Part Number
HL146 - Twin Blister

Function	High/Low Beam/Front Position
Size	146mm Round x 90mm Deep
Voltage	Multivolt 9-32V
LED Qty	1x17W Low, 1 x 17W High Beam
	3 x 0.5W Front Position
Colour Temp	5700K
Lumens	Low - 710lm, High - 1110lm Effective
Cable	120mm with H4 Plug

Draw	Low Beam	High Beam
@13.8V	1.09A	1.30A
@28V	0.53A	0.63A

Approvals	Function	Approval No.
ECE	High/Low Beam	E6*07R02/25*0964*00
ECE	Front Position	E6*112*R01/06*0964*00

Road Legal Low Beam
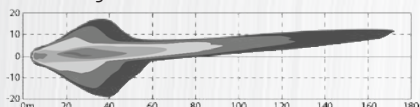
Road Legal High Beam
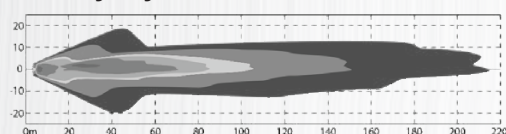
Part Number
HL165 - Twin Blister

Function	High/Low Beam/Front Position
Size	200mm x 142mm x 108mm
Voltage	Multivolt 11-32V
LED Qty	4 x 3W High, 1 x 15W Low
	2 x 0.5W Front Position
Colour Temp	5700K
Lumens	Low - 570lm, High - 1096lm Effective
Cable	120mm with H4 Plug

Draw	Low Beam	High Beam
@13.8V	1.15A	2.14A
@28V	0.55A	1.02A

Approvals	Function	Approval No.
ECE	High/Low Beam	E6-112R-010806
ECE	Front Position	E6-7R-020806

Road Legal Low Beam
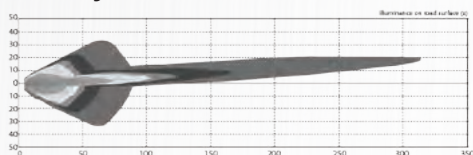
Road Legal High Beam
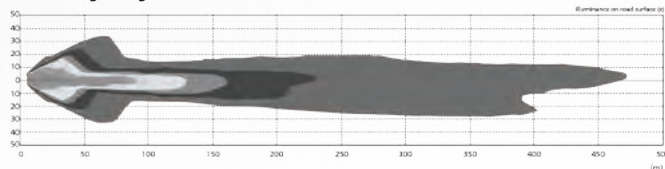
REVERSE LAMP FACTS

Reversing Lamp Definition

Reversing lamp is designed to illuminate the road to the rear of the vehicle and to warn other road users that the vehicle is reversing or is about to reverse. These lamps are governed by some performance qualities. The intensity of light emitted has a minimum of 80 candelas along the axis of reference and cannot exceed 300 candelas at or above the horizontal plane, or 600 candelas below the horizontal plane, and the colour of the light must be white. The ADR that specifies the lighting performance requirements is ADR 01/00. This Standard uses the definition within the ECE 23 Regulation. ADR 13/00 specifies the installation and position of the approved ADR 01/00 or ECE 23 lamp. This standard specifies the Mandatory and Optional Requirements based on the Category of Vehicles and overall length of a vehicle.

Visibility of Light

The light being emitted when used must be visible at a minimum of 15° upwards and 5° downwards from the horizontal plane and a minimum of 45° to the right and left if a single lamp is required. If mandatory requirements specify 2 lamps a minimum of 45° outwards and 30° inwards from the vertical plane.

The 2 optional lamps can be fitted to the side of the vehicle if desired. However, the angle of the lamp cannot exceed 15° relative to the medium plane of the vehicle and can be positioned downwards with no mandatory angle prescribed.

Position of Lamps

No requirement with width position. Lamps must be installed in a position of no less than 250mm and no more than 1200mm from the ground, and for the mandatory number of lamps be positioned at the rear of the vehicle.

Number of Lamps

All trailer categories TA, TB, TC, & TD, trailer reverse lamps are optional only and are not mandatory. All Category MA - Passenger Cars require a minimum of one reverse lamp to be fitted and the option of a secondary lamp. All Vehicle Categories less than the total length of 6000mm require one mandatory lamp and option of a secondary lamp. Translate all other categories of vehicles with a length exceeding 6000mm require two lamps as mandatory and two additional lamps as optional.

Search or Work Lamps

Additional lights to be used for temporary purposes such as handling loads or providing additional illumination in off-road situations may be fitted to a vehicle in any location. However, a driver must not use or allow to use any lamp that can or is likely to dazzle another road user. Work lamps are intended to provide maximum light output in both wide flood beams and long range spreader beams for illuminating work areas. In most cases, the light from these types of lamps exceed the maximum light output and are generally not ADR or ECE approved for use as reversing lamps. Below is one such example of an LED Work lamp style lamp which is ECE approved as a compliant Reversing Lamp that meets ADR 01/00 requirements.

Excerpt taken from Commercial Vehicle Compliance PTY LTD
"5 Facts to know about reverse lamps" 2017
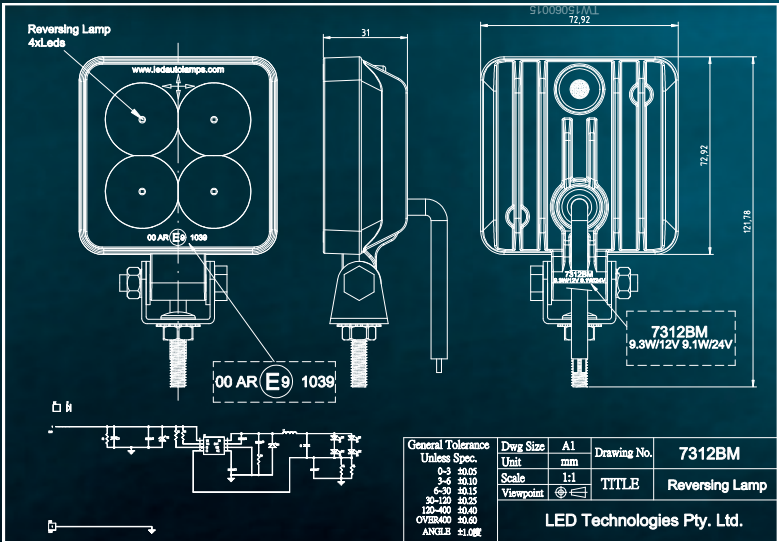
ECE Approved Reverse Lamps

- ECE Reverse Lamp
- High Brightness Output
- 5 Year Warranty
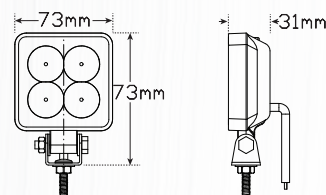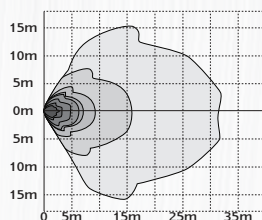
12 – 24 Multivolt   **ECE Approved**   **IP67 Rated**

Function	ECE Reverse Lamp 12 Watts
Size	73mm x 73mm x 31mm
Voltage	Multivolt 12-24V
LED Qty	4 x 3 Watt
Cable	40cm
Lumens	489lm Effective

Draw	@13.8V	@28V
	0.59A	0.27A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1039

Part Number
7312BM - Blister

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

Function	ECE Reverse Lamp 12 Watts
Size	75mm Round x 30mm
Voltage	Multivolt 12-24V
LED Qty	4 x 3 Watt
Cable	40cm
Lumens	489lm Effective

Draw	@13.8V	@28V
	0.59A	0.27A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1082

Part Number
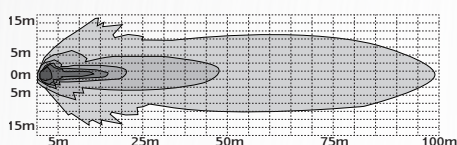**7512BM** - Blister
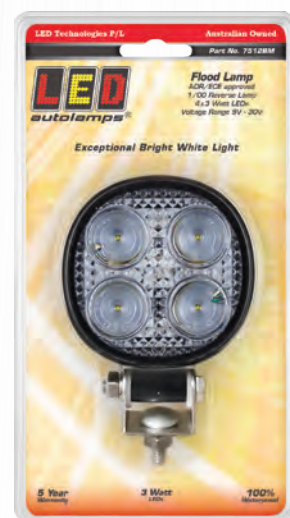
Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

ECE Approved Reverse Lamps

- ECE Reverse/Flood Lamp
- High Brightness Output
- 5 Year Warranty

12 – 24 Multivolt   **ECE** Approved   **IP67** Rated

Recessed Mounting

Function	ECE Reverse Lamp 12 Watts
Size	100mm x 100mm x 5mm
Voltage	Multivolt 12-24V
LED Qty	4 x 3 Watt
Cable	40cm
Lumens	489lm Effective

Draw	@13.8V	@28V
	0.59A	0.27A

Approvals	Function	Approval No.
ECE	Reverse	AR-E9-00.1039

Part Number
73120BM - Blister

Fitting Instructions and Technical Drawings

Mount into cut out 75mm x 75mm with hex bolts supplied. Please refer to ADR 13/00 for mounting instructions.
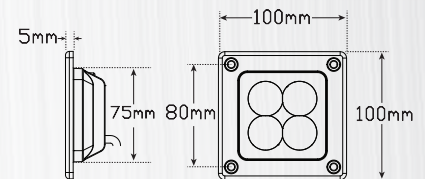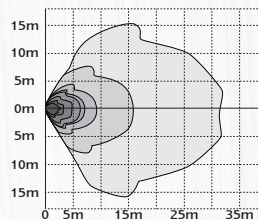
13040 Series
Compact Design
Flood/Work Lamps

- High Brightness LEDs
- Heavy Duty Compact Design
- 5 Year Warranty

| 12 – 24 Multivolt | 9 – 30 Multivolt | IP67 Rated |

Part Number
13040BM - Blister
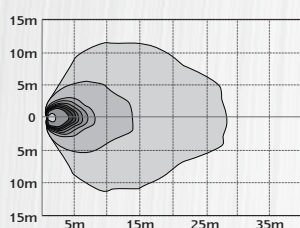
Function	Flood Lamp 12 Watts
Size	130mm x 40mm x 43mm
Voltage	Multivolt 9-30V
LED Qty	4 x 3 Watt
Cable	33cm
Lumens	480lm Effective

Draw	@13.8V	@28V
	0.59A	0.27A

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

43mm — 130mm — 40mm
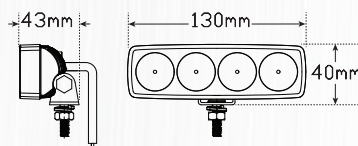
7451 Series
Re-Released
Flood/Work Lamps

Updated LED Technology

Part Number
7451BM - Blister

Function	Flood Lamp 6 Watts
Size	149mm x 92mm x 41mm
Voltage	Multivolt 12-24V
LED Qty	6 x 1 Watt
Cable	30cm
Lumens	660lm Effective

Draw	@13.8V	@28V
	0.88A	0.39A

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

41mm — 149mm — 92mm — 115mm
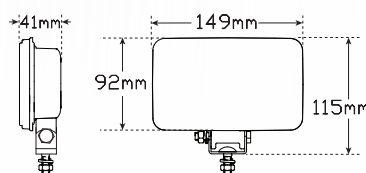
Harness System Reverse Lamp Splitter

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 *Dangerous Goods*   **IP68** *Tested*   **RoHS** *Compliant*

The heavy duty truck harness system has provisions for a separate reverse lamp. Simply plug in the reverse adapter plug 7CRB into the harness system, then run a 2 core cable to adapt a reverse lamp, if you require a reverse beeper then add the 2 core splitter 2P3WB for an extra cable and connect beeper.

All connectors have covers available for a secure fitment of the cables insuring Dangerous Goods Rating AS2809.

Reverse Lamp Splitter (Inline)

Defined by its black colour the 7CRB plug is a splitter from the 7 Core cable that powers the reverse lamps and reverse beeper, the 7CRB has a single splitter and runs parallel with the 7 Core cable. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
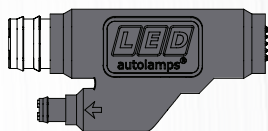
Part No. 7CRB Plug Dimension
Width 37mm, Length 78mm
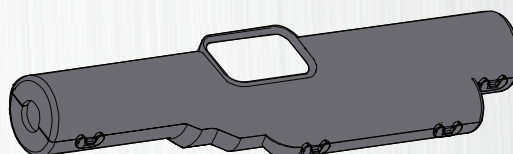
Part No. CMBB Cover Dimension
Width 44mm, Length 177mm

Left & Right Reverse Lamp Splitter (Inline)

The 7CRRB plug is a splitter that runs parallel with the 7 Core cable that powers the left and right hand side reverse lamps/reverse beeper. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
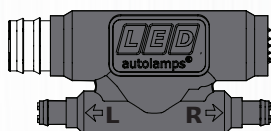
Part No. 7CRRB Plug Dimension
Width 37mm, Length 78mm
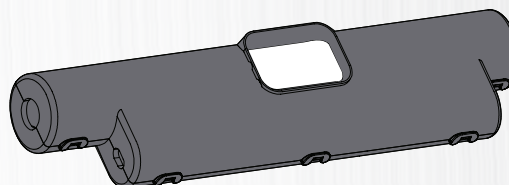
Part No. CMBBB Cover Dimension
Width 44mm, Length 177mm

2 Core Splitter Plug

The 2P3WB is a plug that splits one cable into two, this allows the fitter to add as many reverse function products as required. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
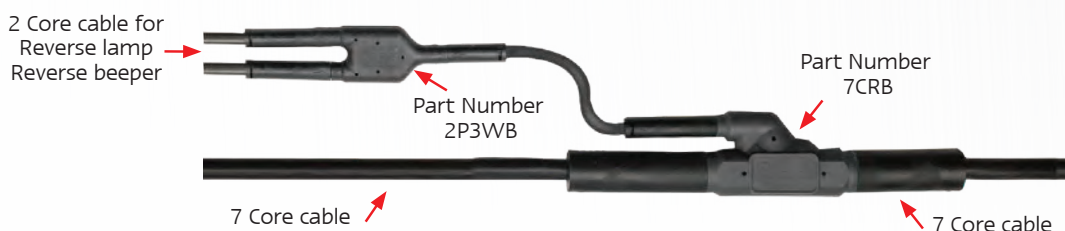
Part No. 2P3WB
To be used when more than one lamp is required, connect to the black plug of the 7CR series.
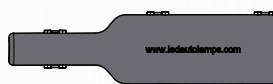
Part No. 2P3CB
Cover for the 2P3WB.
Width 35mm Length 126mm

Combination of splitters when more than one reverse lamp or beeper is required at the rear of the vehicle.

2 Core cable for
Reverse lamp
Reverse beeper

Part Number
2P3WB

Part Number
7CRB

7 Core cable

7 Core cable

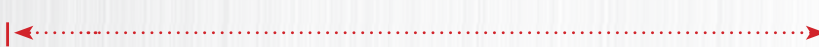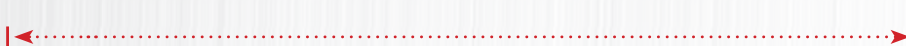# Accessory Products for Reverse Lamp Splitters

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods

IP68 Tested

RoHS Compliant

Cable Lengths with Male and Female Plugs, use when adding 2 core cable lamps

2PMF.25B	25 centimetres
2PMF.5B	50 centimetres
2PMF1B	1 metre
2PMF1.5B	1.5 metres
2PMF2B	2 metres
2PMF2.5B	2.5 metres
2PMF3B	3 metres
2PMF4B	4 metres
2PMF5B	5 metres

Reverse Beeper Cable Extension

The 2PF200ETB-CABLE is a 2 core extension cable terminated with a harness plug and 5mm ring terminals. It is used for adapting existing reverse beepers to the harness system if required.
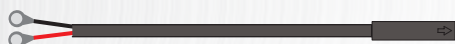
Part No. 2PF200ETB-CABLE
200mm Cable extension with plug and 5mm ring terminals

Part No. 2PF200ETB
Beeper

Part No. 2PF200SQB
Squawker

Part No. 102WMCSB
200mm Cable extension with plug

Part No. 7312BMCSB
200mm Cable extension with plug

Part No. 7512BMCSB
200mm Cable extension with plug

Part No. 132WMCSB
200mm Cable extension with plug

FL Series
High Powered
Flood/Work Lamps

- High Brightness 3 Watt LEDs
- Heavy Duty Design
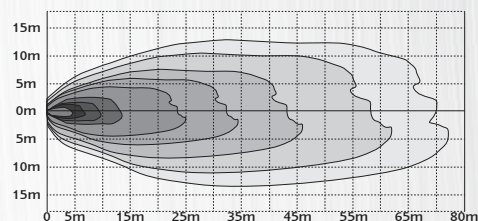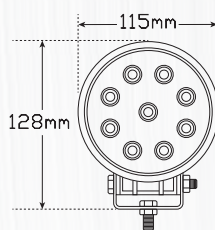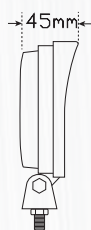- 2 Year Warranty

9 – 32 Multivolt   **IP67** Rated

Function	Flood Lamp 27 Watts	
Size	115mm Round x 45mm	
Voltage	Multivolt 9-32V	
LED Qty	9 x 3 Watt	
Cable	23cm	
Lumens	1080lm Effective	
Draw	**@13.8V**	**@28V**
	1.10A	0.53A

BEST VALUE

Part Number
FL2 - Blister

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

Function	Flood Lamp 27 Watts	
Size	107mm x 107mm x 45mm	
Voltage	Multivolt 9-32V	
LED Qty	9 x 3 Watt	
Cable	23cm	
Lumens	1080lm Effective	
Draw	**@13.8V**	**@28V**
	1.10A	0.53A

BEST VALUE

Part Number
FL1 - Blister

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.
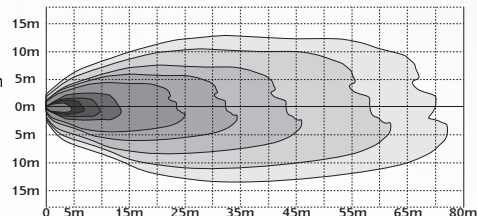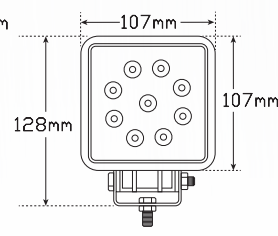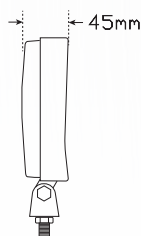
FL Series
High Powered
Flood/Work Lamps

- High Brightness 3 Watt LEDs
- Heavy Duty Design
- 2 Year Warranty

IP67 Rated

10-30V Multivolt

Function	Flood Lamp 39 Watts
Size	121mm Round x 75mm
Voltage	Multivolt 10-30V
LED Qty	13 x 3 Watt
Cable	45cm
Lumens	2400lm Effective

Draw	@13.8V	@28V
	2.11A	1.05A

FL39W High Powered Flood Lamp
ECE R10 COMPLIANT
39 Watt Output
2 Year Warranty
Multivolt 10-30V

Part Number
FL39W - Coloured Box

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.
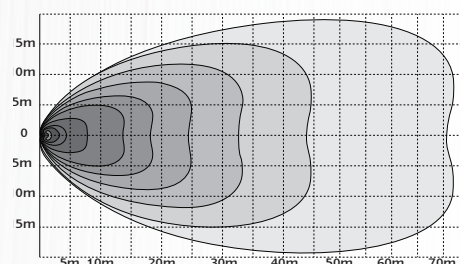
75mm · 121mm · 121mm · 138mm

Function	Flood Lamp 48 Watts
Size	109mm x 110mm x 70mm
Voltage	Multivolt 10-30V
LED Qty	16 x 3 Watt
Cable	45cm
Lumens	3300lm Effective

Draw	@13.8V	@28V
	2.65A	1.36A

FL48W High Powered Flood Lamp
ECE R10 COMPLIANT
48 Watt Output
2 Year Warranty
Multivolt 10-30V
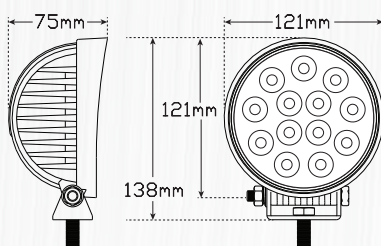
Part Number
FL48W - Coloured Box

Fitting Instructions and Technical Drawings

Fix to mounting surface using stainless steel bolts and adjustable stainless steel bracket supplied.

70mm · 109mm · 110mm · 137mm

Harness System Plugs, Covers

- 100% Water Proof
- Specially Designed Plugs
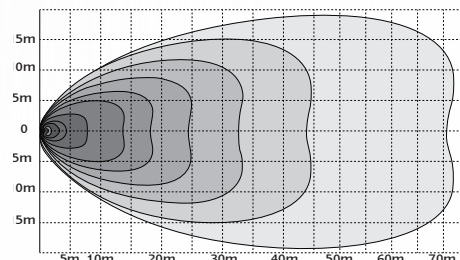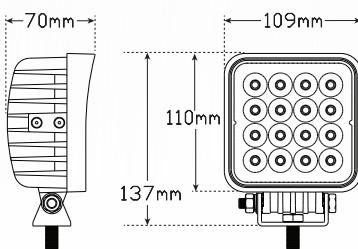- 5 Year Limited Warranty

**DG AS2809** *Dangerous Goods* **IP68** *Tested* **RoHS** *Compliant*

Adaptable Cables and Plugs for the Accessory Blue Wire to suit the Heavy Duty Truck Harness System

The heavy duty truck harness system has provisions for an accessory product to be fitted via the 16 gauge blue wire. Simply plug in the adapter plug 7CMB into the harness system, then run a 2 core cable to adapt an accessory product, if you require a second accessory product then add the 2 core splitter 2P3WB for an extra cable to connect to the product. All connectors have covers available for a secure fitment of the cables insuring Dangerous Goods Rating AS2809.

Important Note; *Work lights on the harness system are an accessory and should be connected to the blue wire and not the reverse (black) wire. The maximum size work lamps allowable on the blue wire is 120 watts in a 12 volt system and 240 watts in a 24 volt system. If you need to run work lamps at the same time as the reverse light then the blue wire can be connected to the reverse wire at the front of the trailer.*

Twin Work Lamp Splitter

Defined by its blue colour the 7CMBB is a splitter from the 7 Core cable that powers the accessory wire for work lamps. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
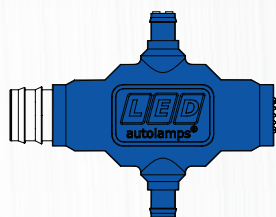
Part No. 7CMBB Plug Dimension
Width 60mm, Length 78mm
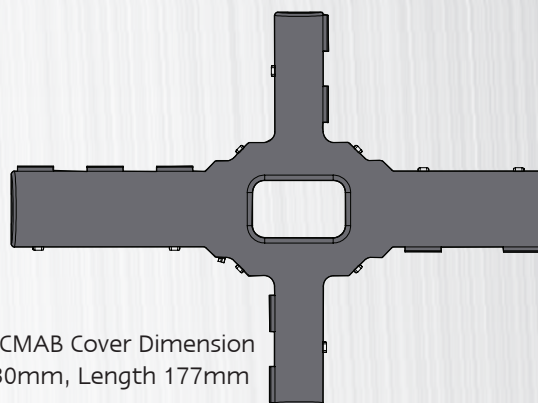
Part No. CMAB Cover Dimension
Width 130mm, Length 177mm

Twin Work Lamp Splitter

The 7CBBB is a splitter that runs parallel with the 7 Core cable and powers both the left and right work lamps on the accessory wire, the 7CBBB is a dual splitter inline to the 7 Core cable. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.

Part No. 7CBBB Plug Dimension
Width 37mm, Length 78mm

Part No. CMBBB Cover Dimension
Width 44mm, Length 177mm

Single Work Lamp Splitter

The 7CBB plug is a splitter that runs parallel with the 7 Core cable that powers the accessory wire for work lamps. Connection covers available for secure fitment and Dangerous Goods Rating AS2809.
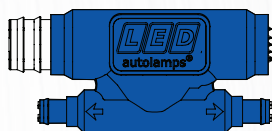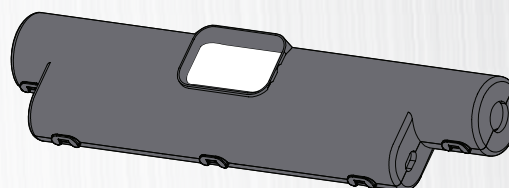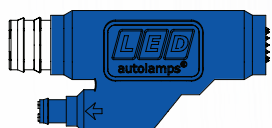
Part No.7CBB Plug Dimension
Width 37mm, Length 78mm
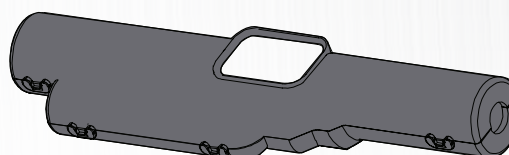
Part No. CMBB Cover Dimension
Width 44mm, Length 177mm

Harness System Cables, Splitters

- 100% Water Proof
- Specially Designed Plugs
- 5 Year Limited Warranty

DG AS2809 Dangerous Goods

IP68 Tested

RoHS Compliant

Cable Lengths with Female Plugs and bare wires with 16 Gauge wire for Electric Brakes

2PF100/16G — 1 metre

2PF200/16G — 2 metres

2PF300/16G — 3 metres

2PF400/16G — 4 metres

2PF500/16G — 5 metres

2 Core Splitter Plug

The 2P3WB is a 3 way plug that splits one cable into two, this allows the fitter to add as many accessories as required, always align the arrows on the plugs to ensure the correct connection.

Part No. 2P3WB
To be used when more than one accessory is required.
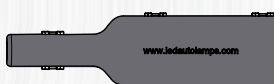
Part No. 2P3CB
Cover for the 2P3WB.
Width 35mm Length 126mm

Right shows an illustration of how the blue accessory plugs can be used for brake control.

Part No 7CBB

Electric Brake Control Unit Only

2 Core cable and plug to RHS or Accessory

7 Core cable and plug from front of vehicle

7 Core cable and plug to rear of vehicle

7CMBB

2 Core cable and plug to LHS or Accessory

Inline Brake or Accessory Splitter

7CBB
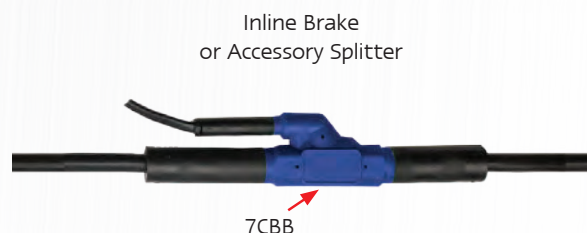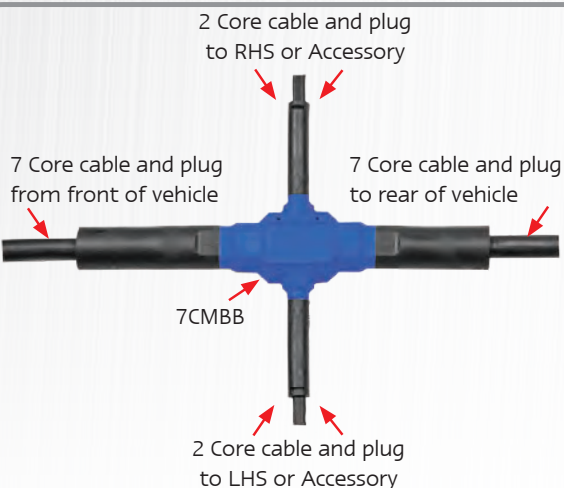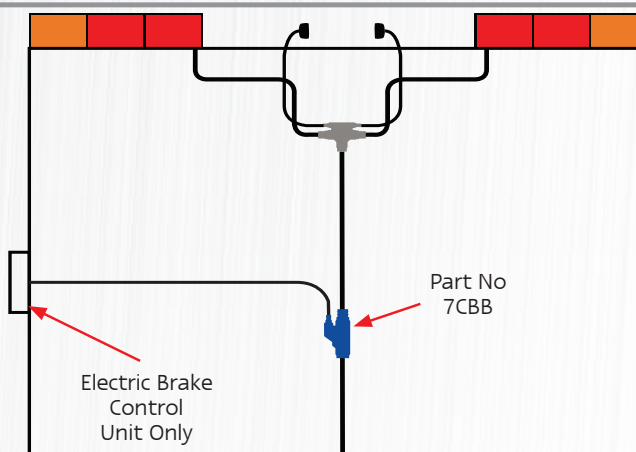
INTERIOR & EXTERIOR
LIGHTING OPTIONS

By offering a diverse range in interior and exterior lighting, LED have you covered when it comes to your lighting decisions. LED Autolamps incorporate high-quality manufacturing, matched together with super bright LEDs and low-profile compact designs with choices of a switch, PIR (Motion Sensor) , touch sensor, or non-switch lighting options. Ideally suited to a caravan, RV, Bus, Trailer, or vehicle interior. LED have the product that you need.

lm Touch

7610 Series
Surface Mount
Interior/Exterior Lamps

- Water Proof Design
- Low Profile Design
- 2 Year Warranty

4500K Colour Temp **IP67** Rated **10 – 30** Multivolt

Hard Wired

Part Number
7610WM - Box

Function	Interior/ Exterior Lamp
Size	76mm x 13mm
Voltage	Multivolt 10-30V
LED Qty	10
Lumens	220lm Effective
CRI	>80
Colour Temp	4500K
Cable	20cm
Draw	@13.8V 0.2A

4500K Warm White

Approvals	Function	Approval No.
ECE	EMC R10	TBA

LUX-Distance Curve

		87°	
1m		66 LUX	Ø19cm
2m		17 LUX	Ø38cm
5m		3 LUX	Ø95cm

Fitting Instructions and Technical Drawings

Run wires through hole in mounting surface and then fix to flat surface using screws supplied. Clip white bezel onto light.

13mm

76mm
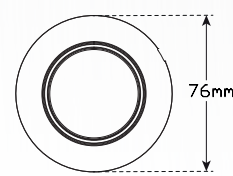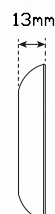
13118 Series
Surface Mount
Interior/Exterior Lamps

- Water Proof Design
- Low Profile Design
- 2 Year Warranty

10-30 Multivolt   **4500K** Warm White   **IP67** Rated

Non Switch

Function	Interior/ Exterior Lamp
Size	131mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	87
Lumens	750lm Effective
Colour Temp	4500K
Cable	20cm
Draw	**@13.8V**
	0.7A

4500K Warm White

Approvals	Function	Approval No.
ECE	EMC R10	TBA

Part Number
13118WM - Box

LUX-Distance Curve

100°
1m	225 LUX	Ø24cm
2m	56 LUX	Ø48cm
5m	9 LUX	Ø121cm

Touch Switch

Function	Interior/ Exterior Lamp
Size	131mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	87
Lumens	750lm Effective
Colour Temp	4500K
Cable	20cm
Draw	**@13.8V**
	0.7A

4500K Warm White

Approvals	Function	Approval No.
ECE	EMC R10	TBA

Part Number
13118WM-SW - Box

LUX-Distance Curve

100°
1m	225 LUX	Ø24cm
2m	56 LUX	Ø48cm
5m	9 LUX	Ø121cm

Motion Sensor

Function	Interior/ Exterior Lamp
Size	131mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	87
Lumens	750lm Effective
Colour Temp	4500K
Cable	20cm
Draw	**@13.8V**
	0.7A

4500K Warm White

Approvals	Function	Approval No.
ECE	EMC R10	TBA

Part Number
13118WM-PIR - Box

Motion sensor detection distance up to 3-5 metres.
30 second on delay until no sensor detection.

LUX-Distance Curve

100°
1m	225 LUX	Ø24cm
2m	56 LUX	Ø48cm
5m	9 LUX	Ø121cm

Fitting Instructions and Technical Drawings

Run wires through hole in mounting surface and then fix to flat surface using screws supplied.

14mm

131mm

16606 Series
Surface Mount
Interior/Exterior Lamps

- Water Proof Design
- Low Profile Design
- 2 Year Warranty

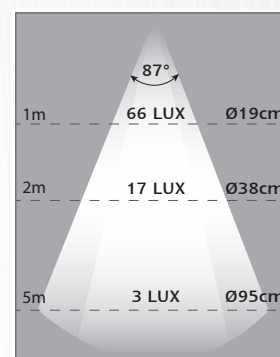**4500K** Warm White **IP67** Rated **10-30** Multivolt

---

Non Switch

LUX-Distance Curve

Function	Interior/ Exterior Lamp
Size	166mm x 61mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	27
Lumens	240lm Effective
Colour Temp	4500K
Cable	20cm
Draw	@13.8V
	0.2A

4500K Warm White

1m	74 LUX	Ø21cm
2m	18 LUX	Ø42cm
5m	3 LUX	Ø106cm

94°

Part Number
16606WM - Box

Approvals	Function	Approval No.
ECE	EMC R10	TBA

Touch Switch

LUX-Distance Curve

Function	Interior/ Exterior Lamp
Size	166mm x 61mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	27
Lumens	240lm Effective
Colour Temp	4500K
Cable	20cm
Draw	@13.8V
	0.2A

4500K Warm White

1m	74 LUX	Ø21cm
2m	18 LUX	Ø42cm
5m	3 LUX	Ø106cm

94°

Part Number
16606WM-SW - Box

Approvals	Function	Approval No.
ECE	EMC R10	TBA

Motion Sensor

LUX-Distance Curve

Function	Interior/ Exterior Lamp
Size	166mm x 61mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	27
Lumens	240lm Effective
Colour Temp	4500K
Cable	20cm
Draw	@13.8V
	0.2A

4500K Warm White

1m	74 LUX	Ø21cm
2m	18 LUX	Ø42cm
5m	3 LUX	Ø106cm

94°

Part Number
16606WM-PIR - Box

Approvals	Function	Approval No.
ECE	EMC R10	TBA

Motion sensor detection distance up to 3-5 metres.
30 second on delay until no sensor detection.

Fitting Instructions and Technical Drawings

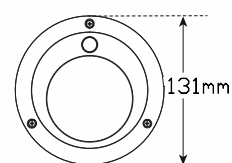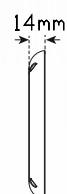Run wires through hole in mounting surface and then fix to flat surface using screws supplied.

14mm

166mm

61mm

20109 Series
Surface Mount
Interior/Exterior Lamps

- Water Proof Design
- Low Profile Design
- 2 Year Warranty

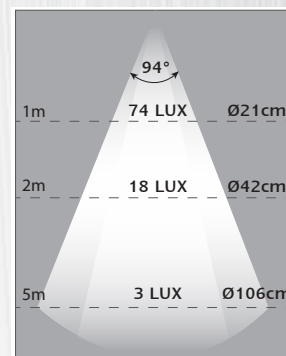**4500K** Warm White   **IP67** Rated   **10-30** Multivolt

Non Switch

Function	Interior/ Exterior Lamp
Size	201mm x 67mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	45
Lumens	400lm Effective
Colour Temp	4500K
Cable	20cm
Draw	**@13.8V** 0.3A

4500K Warm White

Approvals	Function	Approval No.
ECE	EMC R10	E11*10R05/01*5243*03

Part Number
20109WM - Box

LUX-Distance Curve

98°

1m	115 LUX	Ø23cm
2m	28 LUX	Ø46cm
5m	5 LUX	Ø114cm

Touch Switch

Function	Interior/ Exterior Lamp
Size	201mm x 67mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	45
Lumens	400lm Effective
Colour Temp	4500K
Cable	20cm
Draw	**@13.8V** 0.3A

4500K Warm White

Approvals	Function	Approval No.
ECE	EMC R10	E11*10R05/01*5243*03

Part Number
20109WM-SW - Box

LUX-Distance Curve

98°

1m	115 LUX	Ø23cm
2m	28 LUX	Ø46cm
5m	5 LUX	Ø1148cm

Motion Sensor

Function	Interior/ Exterior Lamp
Size	201mm x 67mm x 14mm
Voltage	Multivolt 10-30V
LED Qty	45
Lumens	400lm Effective
Colour Temp	4500K
Cable	20cm
Draw	**@13.8V** 0.3A

4500K Warm White

Approvals	Function	Approval No.
ECE	EMC R10	E11*10R05/01*5243*03

Part Number
20109WM-PIR - Box

LUX-Distance Curve

98°

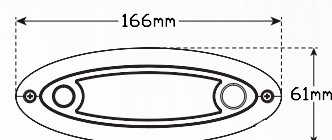| 1m | 115 LUX | Ø23cm |
| 2m | 28 LUX | Ø46cm |
| 5m | 5 LUX | Ø114cm |

Motion sensor detection distance up to 3-5 metres.
30 Second on delay until no sensor detection.

Fitting Instructions and Technical Drawings

Run wires through hole in mounting surface and then fix to flat surface using screws supplied.

14mm

201mm

67mm

10 Series
Surface Mount
Interior/Exterior Strip Lamps

- High Brightness LEDs
- Low Profile Only 10mm
- 3 Year Warranty

6500K Cool White   **Slimline** Design   **Voltage** Specific   **IP67** Rated

---

Non Switch

Part Numbers
1016   - 12V, Blister
1016/24 - 24V, Blister

Function	Interior Strip Lamp
Size	100mm x 25mm x 10mm
Voltage	12 Volt or 24 Volt
LED Qty	16
Spread	120°
Colour Temp	6500K
Cable	50cm

Draw	@13.8V	@28V
	0.11A	0.05A

6500K Cool White

LUX-Distance Curve

40°
0.6m   55 LUX   Ø75cm
1m   24 LUX   Ø150cm

Non Switch

Part Numbers
1031   - 12V, Blister
1031/24 - 24V, Blister

Function	Interior Strip Lamp
Size	150mm x 25mm x 10mm
Voltage	12 Volt or 24 Volt
LED Qty	31
Spread	120°
Colour Temp	6500K
Cable	50cm

Draw	@13.8V	@28V
	0.17A	0.07A

6500K Cool White

LUX-Distance Curve

40°
0.6m   128 LUX   Ø75cm
1m   56 LUX   Ø150cm
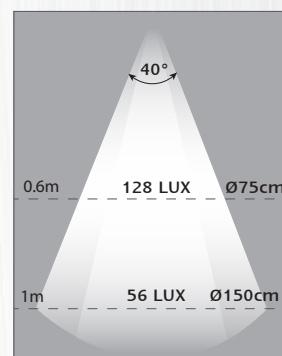
Non Switch

Part Numbers
1061   - 12V, Blister
1061/24 - 24V, Blister

Function	Interior Strip Lamp
Size	300mm x 25mm x 10mm
Voltage	12 Volt or 24 Volt
LED Qty	61
Spread	120°
Colour Temp	6500K
Cable	50cm

Draw	@13.8V	@28V
	0.31A	0.17A

6500K Cool White

LUX-Distance Curve

40°
0.6m   215 LUX   Ø75cm
1m   94 LUX   Ø150cm

100mm   25mm   10mm
150mm   25mm   10mm
300mm   25mm   10mm
10mm
600mm   25mm
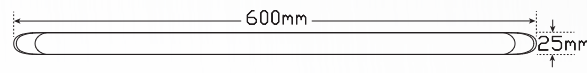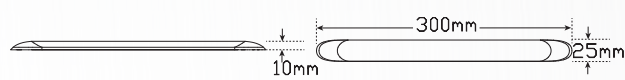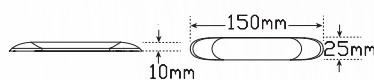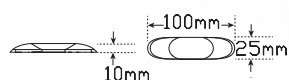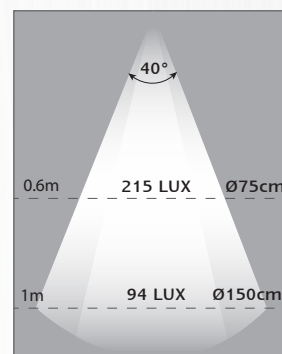
10 Series
Surface Mount
Interior Strip Lamps

- Push On/Off Switch
- Low Profile Only 10mm
- 3 Year Warranty

6500K Cool White **Slimline** Design **Voltage** Specific **IP67** Rated

Push Button

LUX-Distance Curve

40°

0.6m   215 LUX   Ø75cm

1m   94 LUX   Ø150cm

Part Numbers		Function	Interior Strip Lamp
1061/12SW	- 12V, Blister	**Size**	300mm x 25mm x 10mm
1061/12SWB	- 12V, Bulk	**Voltage**	12 Volt or 24 Volt
1061/24SW	- 24V, Blister	**LED Qty**	61
		Spread	120°
		Colour Temp	6500K
		Cable	50cm

Draw	**@13.8V**	**@28V**
	0.31A	0.17A

6500K Cool White

Hard Wired

LUX-Distance Curve

40°

0.6m   454 LUX   Ø75cm

1m   198 LUX   Ø150cm

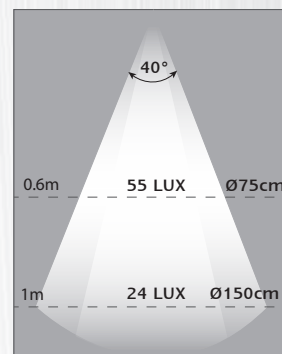| Part Numbers		Function	Interior Strip Lamp
10121	- 12V, Blister	**Size**	600mm x 25mm x 10mm
10121/24	- 24V, Blister	**Voltage**	12 Volt or 24 Volt
		LED Qty	121
		Spread	120°
		Colour Temp	6500K
		Cable	50cm

Draw	**@13.8V**	**@28V**
	0.58A	0.31A

6500K Cool White

Push Button

LUX-Distance Curve

40°

0.6m   454 LUX   Ø75cm

1m   198 LUX   Ø150cm

Part Numbers		Function	Interior Strip Lamp
10121/12SW	- 12V, Blister	**Size**	600mm x 25mm x 10mm
10121/24SW	- 24V, Blister	**Voltage**	12 Volt or 24 Volt
		LED Qty	121
		Spread	120°
		Colour Temp	6500K
		Cable	50cm

Draw	**@13.8V**	**@28V**
	0.58A	0.31A

6500K Cool White
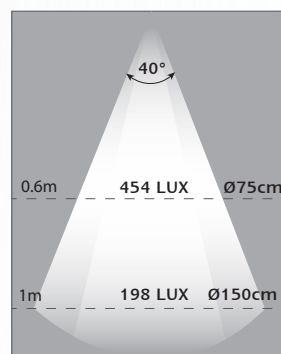
Fitting Instructions, Accessories and Technical Drawings

Remove bezel, surface mount lamp using screws available, run wires through hole and refit bezel by clicking into place.

P/N 10CB

Chrome End Cap

P/N 10WB

White End Cap

285 Series
Surface Mount
Interior/Exterior Lamps

- Slimline, Low Profile Design
- Low Profile Only 10mm
- 5 Year Warranty

12 Volt Only

IP67 Rated

6500K Cool White

Function	Interior/Exterior Strip Lamp
Size	285mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Lumens	189lm Effective
Spread	112°
CRI	>80
Colour Temp	6500K
Cable	8.5m
Draw	**@13.8V** 0.18A

Part Number

285BW12 - Blister

Fitting Instructions and Technical Drawings

Remove end caps, then fix to flat surface with screws supplied then refit end caps.

266mm — 25mm
285mm — 10mm
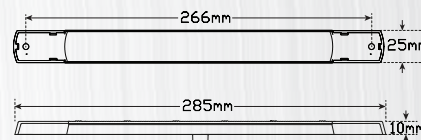
24 Series
Surface Mount
Interior Strip Lamps

- High Brightness LEDs
- Low Profile Only 11mm
- 1 Year Warranty

12 – 24 Multivolt

6500K Cool White

Slimline Design
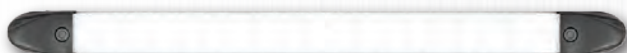
Part Number
2430BMB   - Bulk, Non-Switch
2430BMB-SW - Bulk, Push Button

6500K Cool White

Function	Interior Strip Lamp
Size	362mm x 25mm x 11mm
Voltage	Multivolt 12-24 Volt
LED Qty	18
Lumens	247lm Effective
Spread	112°
CRI	>80
Colour Temp	6500K
Cable	20cm
Draw	**@12V** **@24V**
	0.26A 0.14A

LUX-Distance Curve

112°
0.6m   253 LUX   Ø180cm
1m   91 LUX   Ø305cm

Part Number
2460BMB   - Bulk, Non-Switch

6500K Cool White

Function	Interior Strip Lamp
Size	662mm x 25mm x 11mm
Voltage	Multivolt 12-24 Volt
LED Qty	36
Lumens	394lm Effective
Spread	112°
CRI	>80
Colour Temp	6500K
Cable	20cm
Draw	**@12V** **@24V**
	0.51A 0.26A

LUX-Distance Curve

112°
0.6m   397 LUX   Ø180cm
1m   143 LUX   Ø305cm

Fitting Instructions and Technical Drawings

Run wires through hole in mounting surface, mount using two screw points, then install the screw caps.

11mm   362mm   25mm
662mm   25mm

40 Series
Surface Mount
Touch Lamps

- Touch Sensitive On/Off Switch
- Low Profile Alloy Finish
- 3 Year Warranty

6500K Cool White

Touch Switch

EMC/R10 Approved

12 Volt Only

Part Numbers

40260MCU - Black, Blister
40260SMCU - Silver, Blister

6500K Cool White

Function	Interior Strip Lamp
Size	260mm x 40mm x 11mm
Voltage	12 Volt Only
LED Qty	10
Lumens	237lm Effective
Spread	120°
CRI	>80
Colour Temp	6500K
Cable	20cm
Draw	**@13.8V** 0.475A

Approvals	Function	Approval No.
ECE	EMC R10	E11*10R05/01*5243*03

LUX-Distance Curve

40°

0.6m   300 LUX   Ø75cm

1m   108 LUX   Ø150cm
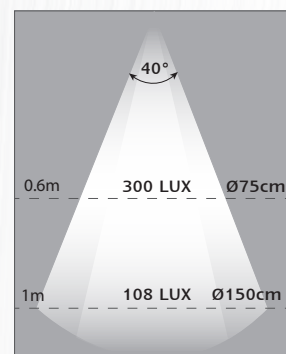
Part Numbers

40410MCU - Black, Blister
40410SMCU - Silver, Blister

6500K Cool White

Function	Interior Strip Lamp
Size	410mm x 40mm x 11mm
Voltage	12 Volt Only
LED Qty	20
Lumens	474lm Effective
Spread	120°
CRI	>80
Colour Temp	6500K
Cable	20cm
Draw	**@13.8V** 0.92A

Approvals	Function	Approval No.
ECE	EMC R10	E11*10R05/01*5243*03

LUX-Distance Curve

40°

0.6m   611 LUX   Ø75cm

1m   220 LUX   Ø150cm
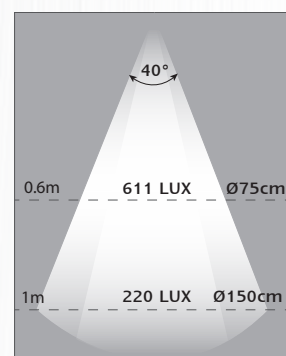
Part Numbers

40770MCU - Black, Blister
40770SMCU - Silver, Blister

6500K Cool White

Function	Interior Strip Lamp
Size	770mm x 40mm x 11mm
Voltage	12 Volt Only
LED Qty	40
Lumens	948lm Effective
Spread	120°
CRI	>80
Colour Temp	6500K
Cable	20cm
Draw	**@13.8V** 1.40A

Approvals	Function	Approval No.
ECE	EMC R10	E11*10R05/01*5243*03

LUX-Distance Curve

40°

0.6m   1036 LUX   Ø75cm

1m   373 LUX   Ø150cm
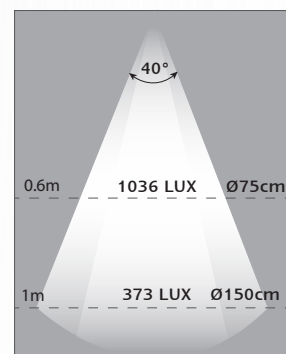
Fitting Instructions and Technical Drawings

By using supplied screws, pop the pre fitted screw caps by pushing from the back of the lamp. Fit using two exposed fixing points and then reinstall the screw caps. Can be wired for On/Off sensor or constant on.

Touch

LED HEADLIGHT KITS

5,000 Effective Lumens

These lamps offer a superior brightness with exceptionally clean white light that is up to 80% more energy efficient than the original halogen style globes. These new upgrade kits contain two LED globes that are easily installed with appropriate plug connectors. The base is manufactured using heavy duty aviation grade aluminium. Fanless heat-sink design ensures efficient heat dissipation so you know these lamps will not overheat the circuitry giving you up to 30,000-hours duty cycle.

COB LED Technology Low Consumption Greater Light Output

ENIG/Immersion Gold Circuit Board for Efficient Heat Transfer

Polycarbonate Socket for Strength and Durability

HDF Aluminium Aerospace Alloy for Heat Stability

Compact Fanless Heatsink Module for Greater Heat Dissipation

Rubber Weather Seal for Added Protection

Function	Single Beam
Voltage	Multivolt 9-32V
LED Qty	9 x 3 Watt/Cluster Per Chip
Plug	200mm with Spade Terminal
Colour Temp	6500K
Lumens	5000lm Effective (Pair)
Draw	@13.8V
	1.6A

Part Number
H1-5000LM - Twin Blister

Function	Single Beam
Voltage	Multivolt 9-32V
LED Qty	9 x 3 Watt/Cluster Per Chip
Plug	200mm with Spade Terminal
Colour Temp	6500K
Lumens	5000lm Effective (Pair)
Draw	@13.8V
	1.6A

Part Number
H3-5000LM - Twin Blister

Function	High/Low Beam
Voltage	Multivolt 9-32V
LED Qty	9 x 3 Watt/Cluster Per Chip
Plug	200mm with H4 Plug
Colour Temp	6500K
Lumens	5000lm Effective (Pair)
Draw	@13.8V
	1.6A

Part Number
H4-5000LM - Twin Blister

Fitting Instructions and Accessories

Note: Original manufacturers rubber or plastic lamp dust covers may need to be modified or adjusted to accommodate these lamps. These Headlights are designed for off road use only. Canbus modules maybe required to eliminate dashboard error messages, flickering, non power faults and are sold separately.

Headlight Upgrade Kits
5,000 Effective Lumens

- High Brightness LEDs
- Heavy Duty Design
- 2 Year Warranty

9 – 32 Multivolt   **6500K Colour Temp**   **IP67 Rated**

Function	Single Beam
Voltage	Multivolt 9-32V
LED Qty	9 x 3 Watt/Cluster Per Chip
Plug	200mm with H7 Plug
Colour Temp	6500K
Lumens	5000lm Effective (Pair)
Draw	@13.8V
	1.6A

Part Number
H7-5000LM - Twin Blister

Function	Single Beam
Voltage	Multivolt 9-32V
LED Qty	9 x 3 Watt/Cluster Per Chip
Plug	200mm with H8,9,11 Plug
Colour Temp	6500K
Lumens	5000lm Effective (Pair)
Draw	@13.8V
	1.6A

Part Number
H8,9,11-5000LM - Twin Blister

Function	Single Beam
Voltage	Multivolt 9-32V
LED Qty	9 x 3 Watt/Cluster Per Chip
Plug	200mm with HB3 Plug
Colour Temp	6500K
Lumens	5000lm Effective (Pair)
Draw	@13.8V
	1.6A

Part Number
HB3-5000LM - Twin Blister

Function	Single Beam
Voltage	Multivolt 9-32V
LED Qty	9 x 3 Watt/Cluster Per Chip
Plug	200mm with HB4 Plug
Colour Temp	6500K
Lumens	5000lm Effective (Pair)
Draw	@13.8V
	1.6A

Part Number
HB4-5000LM - Twin Blister

P/N H4CANBUS - Twin Blister

Canbus Module
See Page 244

P/N H7CANBUS - Twin Blister

Canbus Module
See Page 244

Festoon Globes
LED Replacement

- 3 x Brighter than Standard Halogen
- Over Voltage Protection
- Reverse Polarity

CANbus Compatible **Reverse Polarity** **12 Volt Only**

---

10 YEAR WARRANTY

Function	White Light Output
Size	31mm
Voltage	12-14.5 Volt
LED Qty	3
Temp	6500K
Lumens	150lm Effective
Draw @13.8V	0.19A
Base Type	SV8-5.8

Part Number
FN31W - Blister

---

10 YEAR WARRANTY

Function	White Light Output
Size	36mm
Voltage	12-14.5 Volt
LED Qty	3
Temp	6500K
Lumens	180lm Effective
Draw @13.8V	0.19A
Base Type	SV8-5.8

Part Number
FN36W - Blister

---

10 YEAR WARRANTY

Function	White Light Output
Size	39mm
Voltage	12-14.5 Volt
LED Qty	3
Temp	6500K
Lumens	180lm Effective
Draw	0.19A
@13.8V	0.19A
Base Type	SV8-5.8

Part Number
FN39W - Blister

---

10 YEAR WARRANTY

Function	White Light Output
Size	41mm
Voltage	12-14.5 Volt
LED Qty	3
Temp	6500K
Lumens	180lm Effective
Draw @13.8V	0.19A
Base Type	SV8-5.8

Part Number
FN41W - Blister

Bayonet Globes LED Replacement

- 3 x Brighter than Standard Halogen
- Over Voltage Protection
- Reverse Polarity

CANbus Compatible   **Reverse** Polarity   **12 – 24** Multivolt

10 YEAR WARRANTY

Function	Stop/Tail
Size	18mm x 50mm
Voltage	Multivolt 12-24V
LED Qty	18
Lumens	Stop - 380lm Effective
	Tail - 125lm Effective
Draw @13.8V	0.43A
Base Type	BAY15D

Part Number
1157RM - Blister

10 YEAR WARRANTY

Function	Indicator
Size	18mm x 50mm
Voltage	Multivolt 12-24V
LED Qty	18
Lumens	380lm Effective
Draw @13.8V	0.43A
Base Type	BA15S

Part Number
1156AM - Blister

10 YEAR WARRANTY

Function	Indicator
Size	18mm x 50mm
Voltage	Multivolt 12-24V
LED Qty	18
Lumens	380lm Effective
Draw @13.8V	0.43A
Base Type	BAU15S

Part Number
7057AM - Blister

10 YEAR WARRANTY

Function	Reverse
Size	18mm x 50mm
Voltage	Multivolt 12-24V
LED Qty	18
Lumens	570lm Effective
Draw @13.8V	0.43A
Base Type	BA15S

Part Number
1156WM - Blister

T10 & T15
Wedge
LED Replacement

- 3 x Brighter than Standard Halogen
- Over Voltage Protection
- Reverse Polarity

CANbus Compatible

12 – 24 Multivolt

Reverse Polarity

12 Volt Only

10 YEAR
WARRANTY

Function	White Light Output
Size	10mm x 27mm
Voltage	12 Volt Only
LED Qty	3
Temp	6500K
Lumens	85lm Effective
Draw @13.8V	0.06A
Base Type	W2.1 x 9.5D

Part Number
T10W-12 - Blister

10 YEAR
WARRANTY

Function	White Light Output
Size	12mm x 35mm
Voltage	Multivolt 12-24V
LED Qty	10
Temp	6500K
Lumens	200lm Effective
Draw @13.8V	0.16A
Base Type	W2.1 x 9.5D

Part Number
T10WM - Blister

10 YEAR
WARRANTY

Function	White Light Output
Size	15mm x 51mm
Voltage	Multivolt 12-24V
LED Qty	15
Temp	6500K
Lumens	570lm Effective
Draw @13.8V	0.43A
Base Type	W2 x 15D

Part Number
T15WM - Blister

Wedge
Globes
LED Replacement

- 3 x Brighter than Standard Halogen
- Over Voltage Protection
- Reverse Polarity

CANbus Compatible   **Reverse Polarity**   **12 – 24 Multivolt**

10 YEAR WARRANTY

Function	Stop/Tail
Size	18mm x 58mm
Voltage	Multivolt 12-24V
LED Qty	18
Lumens	Stop - 380lm Effective
	Tail - 125lm Effective
Draw @13.8V	0.43A
Base Type	W2.5 x 16Q
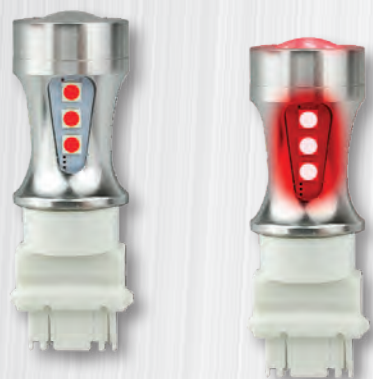
Part Number
T20RM - Blister

10 YEAR WARRANTY

Function	Indicator
Size	18mm x 58mm
Voltage	Multivolt 12-24V
LED Qty	18
Lumens	380lm Effective
Draw @13.8V	0.43A
Base Type	W2.5 x 16D

Part Number
T20AM - Blister

10 YEAR WARRANTY

Function	Reverse
Size	18mm x 58mm
Voltage	Multivolt 12-24V
LED Qty	18
Lumens	570lm Effective
Draw @13.8V	0.43A
Base Type	W2.5 x 16D

Part Number
T20WM - Blister

HT Series
Rechargeable
Head Position Lamp

- Flood with Motion Sensor
- Highly Efficient COB Design
- 2 Year Warranty

CE, RoHS Compliant   **IP65** Rated   **IMPACT** Resistant

Chemical Resistant   **Battery** Rechargeable

Part Number
HT70 - Blister

Non-Slip Elastic Headband   **Tilt Adjustable Head**   **Rechargeable Micro USB Cable**   **280 Lumens Main Light**

Function	Adjustable Head Torch
Voltage	Rechargeable 3.7V 1500mAh Li-Po Battery
Output	High Mode - 280lm, Economy Mode - 100lm
Colour Temp	6500K
LED	3W COB LED
Running Time	High Power - 2hrs Economy Mode - 5.5hrs
Charging Time	2.5 Hours

ON/OFF MOTION SENSOR

WTB Series
Rechargeable Work Light
Dual Spot & Flood Beam

- Dual Spot/Flood Lamp
- Highly Efficient COB Design
- 2 Year Warranty

CE, RoHS Compliant **IP54** Rated **IMPACT** Resistant
Chemical Resistant **Battery** Rechargeable

Function	180° Adjustable Work Lamp
Size	94mm x 80mm x 37mm
Voltage	Rechargeable 3.7V 2600mAh Li-ion Battery
Output	1) Spotlight - 250lm, 2) Low Mode - 100lm, 3) Mid Mode - 350lm, 4) High Mode - 700lm
Colour Temp	6500K
Protection	IP65
Runtime	Spot - 4hrs, High Mode - 3hrs
Charging Time	4 Hours

Part Number
WTB100 - Blister

180° Adjustable Handle

700 700 Lumen Main Light

Rechargeable USB-C Cable

IK07 Impact Impact & Shock Resistant

Super Strong Magnet

Function	180° Adjustable Work Lamp
Size	115mm x 110mm x 41mm
Voltage	Rechargeable 3.7V 5200mAh Li-ion Battery
Output	1) Spotlight - 400lm, 2) Low Mode - 350lm, 3) Mid Mode - 700lm, 4) High Mode - 1400lm
Colour Temp	6500K
Protection	IP65
Runtime	Spot - 7hrs, High Mode - 2hrs
Charging Time	4 Hours

Part Number
WTB115 - Blister

180° Adjustable Handle

1400 1400 Lumen Main Light

Rechargeable USB-C Cable

IK07 Impact Impact & Shock Resistant

Super Strong Magnet

PL Series
Rechargeable, Magnetic
Pen/Pocket Lights

- Flood Lamp with Top Light
- Highly Efficient COB Design
- 2 Year Warranty

CE, RoHS Compliant **IP20** Rated **IMPACT** Resistant

Chemical Resistant **Battery** Rechargeable

Function	360° Compact Inspection Lamp
Size	174mm x 28mm x 29mm
Voltage	Rechargeable 3.7V
	700mAh Li-Po Battery
Output	Main Light 200lm, Top Light 120lm
Colour Temp	6500K
LED	2W COB LED (Main Light)
	3W SMD LED (Top Light)
Running Time	High Power - 2hrs, Top Light - 3hrs
Charging Time	1.5 Hours

360°

Rear Pocket Clip

Super Strong Magnet

200 Lumen Main Light

Rechargeable Micro USB Cable

Top Position Torch Lamp

IK07 Impact — Impact & Shock Resistant

Part Number
PL175 - Blister

Function	Heavy Duty Compact Inspection Lamp
Size	190mm x 25mm x 35mm
Voltage	Rechargeable 3.7V
	1100mAh Li-ion Battery
Output	High 350lm, Economy 110lm,
	Top Light 120lm
Colour Temp	6500K
LED	3W COB LED (Main Light)
	3W SMD LED (Top Light)
Running Time	High Power - 1.5hrs
	Economy Mode - 5.5hrs
	Top Light - 4hrs
Charging Time	3 Hours

Rear Pocket Clip

Top Position Torch Lamp

Super Strong Magnets

350 Lumen Main Light

Rechargeable Micro USB Cable

IK07 Impact — Impact & Shock Resistant

Part Number
PL190 - Blister

PL Series
Rechargeable, Magnetic Pen/Pocket Lights

- Flood Lamp with Torch Light
- Highly Efficient SMD Design
- 2 Year Warranty

CE, RoHS Compliant
IP20 Rated
IMPACT Resistant
Chemical Resistant
Battery Rechargeable

Function	Compact Inspection Lamp
Size	170mm x 22mm x 26mm
Voltage	Rechargeable 3.7V 750mAh Li-Po Battery
Output	Main Light 120lm, Torch Light 80lm
Colour Temp	6500K
Running Time	High Power - 3hrs, Torch - 4.5hrs
Charging Time	2.5 Hours

Part Number
PL170 - Blister

Rear Pocket Clip

Bottom Position Torch Lamp

Super Strong Magnet

120 Lumen Main Light

Rechargeable Micro USB Cable

IK07 Impact

Impact & Shock Resistant

HH190 Series Rechargeable Inspection Lamps

- Flood Lamp with Top Light
- Highly Efficient COB Design
- 2 Year Warranty

CE, RoHS Compliant **IP54** Rated **IMPACT** Resistant

Chemical Resistant **Dual** Magnet **Battery** Rechargeable

Function	180° Pivoting Inspection Lamp
Size	190mm x 56mm x 33mm
Voltage	Rechargeable 3.7V 2200mAh Li-ion Battery
Output	Worklight - 350lm, Top Light - 80lm
Colour Temp	6500K
Protection	IP54
Runtime	Main Light - 3.5hrs, Top Light - 8hrs
Charging Time	4 Hours

7 Position Pivoting Base Design **Swivel/Pivot Hanging Hook**

Rechargeable Micro USB Cable **Top Position Torch Lamp**

Super Strong Magnetic Base **Super Strong Dual Magnetic Rear Pad**

Part Number
HH190 - Blister

Function	180° Pivoting Inspection Lamp
Size	190mm x 56mm x 33mm
Voltage	Rechargeable 3.7V 2200mAh Li-ion Battery
Output	Main Light - 350lm, Top Light - 80lm
Colour Temp	6500K
Protection	IP54
Running Time	Main Light - 3.5hrs, Top Light - 8hrs
Charging Time	4 Hours
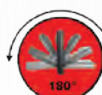
7 Position Pivoting Base Design **Swivel/Pivot Hanging Hook**

Rechargeable Micro USB Cable **Top Position Torch Lamp**

240 Volt Docking Re-charger **Super Strong Dual Magnetic Rear Pad**
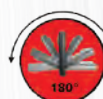
Part Number
HH190-1 - Blister Hang/Stand

HH Series Rechargeable Inspection Wands

- Flood Lamp with Top Light
- Highly Efficient COB Design
- 2 Year Warranty

CE, RoHS Compliant

IP54 Rated

IMPACT Resistant

IP65 Rated

Chemical Resistant

Battery Rechargeable

Function	120° Pivoting Inspection Wand
Size	340mm x 41mm x 61mm
Voltage	Rechargeable 3.7V, 2600mAh Li-on Battery
Output	Main Light - 300/600lm, Top Light - 120lm
Colour Temp	6500K
Protection	IP65
Running Time	Main Light - Low: 6hrs, High: 3hrs, Top Light - 7hrs
Charging Time	4 Hours

120°
5 Position Pivoting Head Design

Super Strong Magnetic Base

Top Position Torch Lamp

Rechargeable Micro USB Cable

Part Number
HH340 - Blister

Function	Flexible Neck Inspection Wand
Size	525mm x 46mm x 67mm (250mm Neck)
Voltage	Rechargeable 3.7V, 2600mAh Li-ion Battery
Output	Main Light - 500lm, Top Light - 120lm
Colour Temp	6500K
Protection	IP54
Running Time	Main Light - 2hrs to 16hrs, Top Light - 10hrs
Charging Time	4 Hours

On/Off Dimming Control Wheel

Hold Down for 3 Sec to Turn Off

Flexible Neck

Top Position Torch Lamp

Super Strong Magnetic Base

Swivel/Pivot Hanging Hook

Rechargeable Micro USB Cable

Part Number
HH420 - Blister

239

Courtesy Coloured Lamps
Surface Mount

- Super Slimline Design
- Accent Lighting
- 3 or 5 Year Warranty

IP67 Rated   **12 Volt** Only

Function	Blue Coloured Lamp
Size	58mm x 16mm x 13mm
Voltage	12 Volt Only
LED Qty	3
Cable	20cm
Draw	**@13.8V**
	0.03A

Part Number
16B12-2 - Twin Blister

Function	Green Coloured Lamp
Size	58mm x 16mm x 13mm
Voltage	12 Volt Only
LED Qty	3
Cable	20cm
Draw	**@13.8V**
	0.03A

Part Number
16G12-2 - Twin Blister

Function	Blue Coloured Lamp
Size	100mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	40cm
Draw	**@13.8V**
	0.05A

Part Number
68B - Blister

Function	Green Coloured Lamp
Size	100mm x 25mm x 10mm
Voltage	12 Volt Only
LED Qty	16
Cable	40cm
Draw	**@13.8V**
	0.11A

Part Number
68G - Blister

Fitting Instructions, and Technical Drawings

Surface mount horizontally or vertically onto a flat surface with screws provided.

48mm — 16 Series — 16mm
58mm — 13mm

100mm — 68 Series — 25mm
10mm
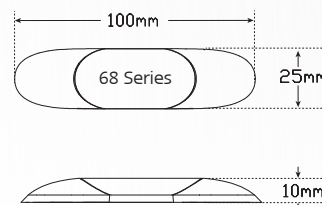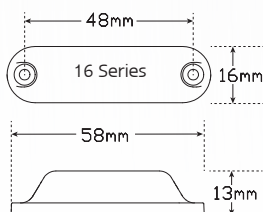
Courtesy Coloured Lamps Surface Mount

- Low Profile Design
- Accent Lighting
- 5 Year Warranty

12 – 24 Multivolt

IP67 Rated

Function	Red Coloured Lamp
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm
Draw	**@13.8V** 0.04A

Part Number
35RM - Blister

Function	Amber Coloured Lamp
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm
Draw	**@13.8V** 0.04A

Part Number
35AM - Blister

Function	White Coloured Lamp
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm
Draw	**@13.8V** 0.04A

Part Number
35WM - Blister

Function	Green Coloured Lamp
Size	58mm x 35mm x 21mm
Voltage	Multivolt 12-24V
LED Qty	4
Cable	40cm
Draw	**@13.8V** 0.04A

Part Number
35GM - Blister

Fitting Instructions, Accessories and Technical Drawings

Surface mount bracket, run wires through back and clip lens into place.

P/N 35BB
Black Bracket

P/N 35BC
Chrome Bracket

58mm
35mm
21mm
28.50mm
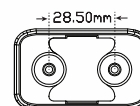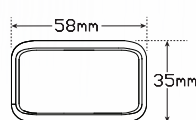
LR Series Dummy Load Resistors

- Premium Quality Products
- Fix Dashboard Errors
- 5 Year Warranty

IP67 Rated

12 or 24 Voltage

Function	Load Resistor
Voltage	12 Volt Only
Power	21 Watt
Resistance	8Ω Ohms
Cable	100mm each side

Part Number
LR21W-12/2 - Twin Blister

Function	Load Resistor
Voltage	12 Volt Only
Power	50 Watt
Resistance	6Ω Ohms
Cable	100mm each side

Part Number
LR12/2 - Twin Blister

Function	Load Resistor
Voltage	24 Volt Only
Power	50 Watt
Resistance	24Ω Ohms
Cable	100mm each side

Part Number
LR24/2 - Twin Blister

800mm total cable length

Function	Load Resistor
Voltage	12 Volt Only
Power	50 Watt
Resistance	6Ω Ohms
Cable	400mm each side

Part Number
SOLR12/400MM - Bulk, 400mm Cable each side
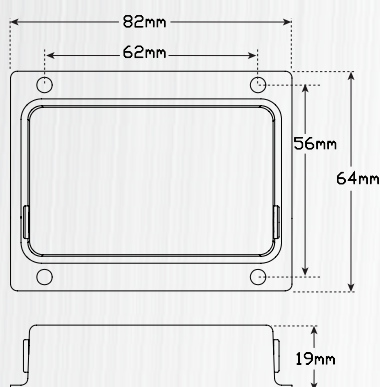
LRM Series
Load Module

- Low Heat Output
- Multivolt Application
- 5 Year Warranty

IP67 Rated

9 – 32 Voltage

- **Detects Vehicle Ohm Ω Requirements**
- **Designed for late model vehicles that display light failure warning**
- **Corrects fast flashing indicators**
- **IP67 Shock/Dust & Waterproof**

Part Number
LRM-2 - Twin Blister

Function	Load Module
Voltage	Multivolt 9-32V
Power	21 Watt
Resistance	8Ω Ohms
Cable	100mm each side

82mm
62mm
56mm
64mm
19mm

Twin Blister

Dummy load resistors are designed to draw the same current as a 21 watt globe. They can be used on vehicles that have electronic components that are not LED compatible.

The resistor should ALWAYS be wired between the input wires of the lamp, NOT the chassis of the vehicle or trailer. If fitted to the chassis, a bad earth connection is possible, and can result in problems with the lighting system of the vehicle.

Indicator Circuit: If fitting to the indicator circuit, fit one lead of the resistor to the positive supply side (Yellow wire) and the other lead of the resistor to the negative supply or ground input wire (White).

Brake Circuit: If fitting to the brake circuit, fit one lead of the resistor to the positive supply side (Red Wire) and the other lead of the resistor to the negative supply or ground input wire (White).

Correct Fitting: To fit the resistor, use the crimp terminals supplied (LR12/2, LR24/2, LR21W-12/2 or SOLR12/400MM only). Cut the loom and re-connect the cut wires within the supplied crimp terminal with one side of the resistor crimped into that terminal. Repeat the process for the remaining wire and the other end of the resistor. Use the screw points on the resistor/module to secure it to a metal chassis.

Warning: *The resistors/modules can reach temperatures up to 170°C, do not mount the resistor on any surface that can be melted by the heat of the resistor, this includes plastics, hoses or painted surfaces.*

BACK OF LAMP

Power wire "+"   Earth wire "-"

Crimp terminals   Crimp terminals

Load Module
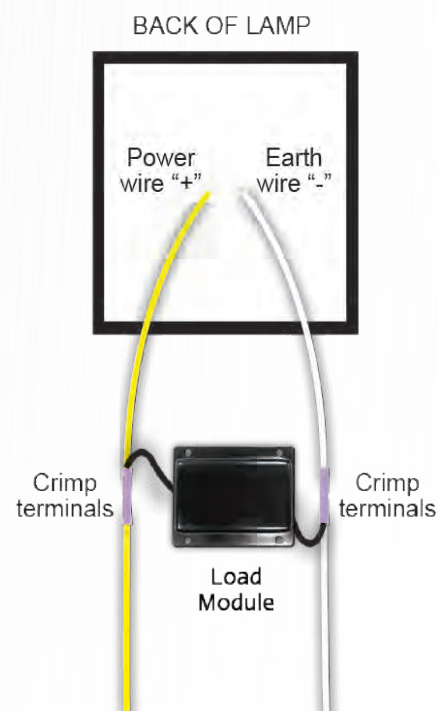
CANBUS Headlight Globe Error Solutions

- Eliminates Error and Non Power Faults
- Eliminates LED Flickering
- 2 Year Warranty

IP65 Rated

12 – 14 Voltage

Part Number
H4CANBUS - Twin Blister

Function	CANBUS Module
Size	65mm x 42mm
Voltage	12-14 Volt
Current	4 Amps Max
Plug	H4 Male/Female
Cable	290mm Total Length

Part Number
H7CANBUS - Twin Blister

Function	CANBUS Module
Size	65mm x 42mm
Voltage	12-14 Volt
Current	4 Amps Max
Plug	H7 Male/Female
Cable	295mm Total Length

- Detects Multiplexed System BSI
- 2 Year Warranty

12 or 12/24 Voltage

THE ADR SOLUTION TO FAST FLASHING INDICATORS

Not compatible if the vehicle indicator system is controlled by a body control module.

- *Fixes fast indicator flashing*
- *Will pick up LED failure*
- *Maximum load 140 Watts*
- *ILS Smart relay IP67 rated*
- *Operating temperature -40°C to +80°C*

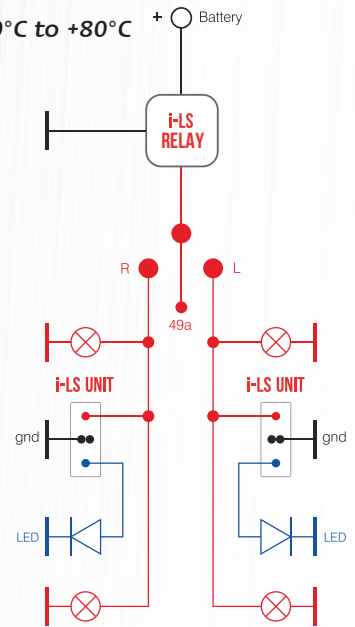**ILS Microprocessor Unit**

ILS Relays

Part Number
ILS3P12 - 12 Volt systems, Boxed

The **I-LS Microprocessor** prevents unreliable failure signals being generated from indicator lamps, which can be caused by the extremely low current draws used by LED lamps when installed on traditional bulb lighting systems.

Our **I-LS Relay** has been designed to be used in conjunction with our I-LS Microprocessor, allowing the reliable detection of an LED indicator failure. The system alerts the driver when an indicator has failed by increasing the flash rate, or terminating an indicator light on the dashboard.

ELECTRONIC CANBUS UNIVERSAL WIRING KIT

For tow-bars with electronic fault detection. Detects light system with double function.

Part Number
CANBUSKIT - 12-24 Volt systems, Boxed

To trailer plug

- ve

+ ve

To vehicle

Kit contains;

| 1 x Module | 1 x Red/White battery cable | 1 x Trailer plug cable | 1 x Cable to vehicle | 1 x Kit bag |

This wiring kit can be installed in the majority of passenger or commercial vehicles, without any interference with electrical system, and compatible with:

- BSI systems with multiplexed cable (Lights with mixed voltages) - 12 or 24 volts
- CANBUS data system - Check-Control (Sensor failure light SFL)
- Bulbs and/or lamps with LED diodes

The module is protected against short circuits and prevents any overload or failure in the electrical system of the vehicle by feeding the trailer lamps directly from the vehicle battery, independently of the rest of the vehicles electrical system.

- The module detects when the trailer is connected
- Light systems with double function by only one cable (Multiplexed system BSI)
- Easy to fit with fast connections saving time of assembly
- Low power consumption in standby mode

The universal wiring kit must be installed by professional automotive electricians. This product has a 2 year warranty subject to the kit being fitted in accordance with the manufacturers fitting instructions. LED Autolamps will in all circumstances only offer to replace a faulty product.

Standard & Heavy Duty 7 Pin Sockets and Plugs

- Premium Quality Products
- Low Zinc Alloy

Part Number
7PPLUGSDB - 12 Volt, Bulk

Part Number
7PSOCKETSDB - 12 Volt, Bulk

Part Number
7PSOCKETHD24B - 24 Volt, Bulk

7 PIN SUZI COIL CONNECTORS – ABS/EBS 12/24 Volt Systems

ABS/EBS
ISO/DIN 7638

300mm from suzi coil
on each side.
Total Extended
Length 4.5m

Part Number
7PSUZIEBSMB - Bulk

Heavy Duty 7 Pin Sockets and Plugs

- Premium Quality Products
- ABS/EBS Compliant

ABS/EBS
ISO/DIN 7638

Part Number
7PSOCKETEBSMB - 12-24 Volt, Bulk

ABS/EBS
ISO/DIN 7638

Part Number
7PSOCKETEBS12B - 12 Volt, Bulk

ABS/EBS
ISO/DIN 7638

Part Number
7PSOCKETEBS24B - 24 Volt, Bulk

7 PIN SUZI COIL CONNECTORS – ABS/EBS 12/24 Volt Systems

ABS/EBS
ISO/DIN 7638

1m and 300mm from suzi coil. Total Extended Length 4.5m

Part Number
7PSUZIEBSM1B - Bulk

9020 Series
3M Tape Mount
Premium Quality

- Slimline Design
- High Quality 3M Tape
- 5 Year Warranty

ECE Approved **IP67** Rated **3M TAPE** Fitting

Function Red Reflex Reflector
Size 90mm x 20mm x 6mm

Approvals	Function	Approval No.
ECE	Reflector	IA-E9-02.1133

Part Numbers
9020R - Twin Blister
9020RB - Box of 100

Function Amber Reflex Reflector
Size 90mm x 20mm x 6mm

Approvals	Function	Approval No.
ECE	Reflector	IA-E9-02.1133

Part Numbers
9020A - Twin Blister
9020AB - Box of 100

Function White Reflex Reflector
Size 90mm x 20mm x 6mm

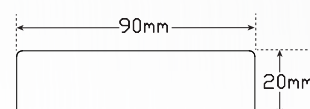| Approvals	Function	Approval No.
ECE	Reflector	IA-E9-02.1133

Part Numbers
9020W - Twin Blister
9020WB - Box of 100

Fitting Instructions and Technical Drawings

Remove tape backing and place onto flat surface, apply firm hand pressure to ensure adhesion. Please refer to ADR 13/00 for mounting instructions.

6mm   90mm   20mm

7030 Series
3M Tape Mount
Premium Quality

- Premium Quality
- Low Profile Design
- 5 Year Warranty

ADR Approved   **IP67** Rated   **3M TAPE** Fitting

Function Red Reflex Reflector
Size 70mm x 30mm x 6mm

Approvals	Function	Category	CRN
ADR	Reflector	47/00	38102

Part Numbers
7030R - Twin Blister
7030RB - Box of 100

Function Amber Reflex Reflector
Size 70mm x 30mm x 6mm

Approvals	Function	Category	CRN
ADR	Reflector	47/00	38101

Part Numbers
7030A - Twin Blister
7030AB - Box of 100

Function White Reflex Reflector
Size 70mm x 30mm x 6mm

Approvals	Function	Category	CRN
ADR	Reflector	47/00	38103

Part Numbers
7030W - Twin Blister
7030WB - Box of 100

Fitting Instructions and Technical Drawings

Remove tape backing and place onto flat surface; apply firm hand pressure to ensure adhesion. Please refer to ADR 1/00 for mounting instructions.
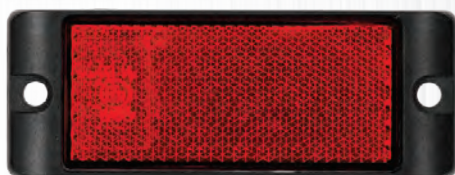
6mm 70mm 30mm
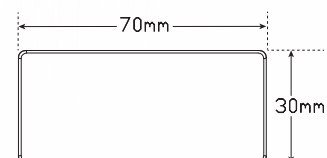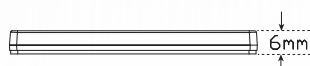
7035 Series
Screw Mount
Premium Quality

- Low Profile Design
- Screw Type Fitting
- 5 Year Warranty

ADR Approved

IP67 Rated

Function	Red Reflex Reflector
Size	93mm x 35mm x 7mm

Approvals	Function	Category	CRN
ADR	Reflector	47/00	38102

Part Numbers
7035R - Twin Blister
7035RB - Box of 100

Function	Amber Reflex Reflector
Size	93mm x 35mm x 7mm

Approvals	Function	Category	CRN
ADR	Reflector	47/00	38101

Part Numbers
7035A - Twin Blister
7035AB - Box of 100

Function	White Reflex Reflector
Size	93mm x 35mm x 7mm

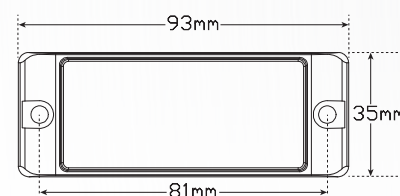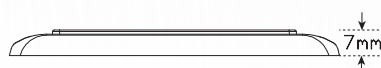| Approvals	Function	Category	CRN
ADR	Reflector	47/00	38103

Part Numbers
7035W - Twin Blister
7035WB - Box of 100

Fitting Instructions
and Technical Drawings

Fit onto flat surface using screw points in bracket. Please refer to ADR 13/00 for mounting instructions.
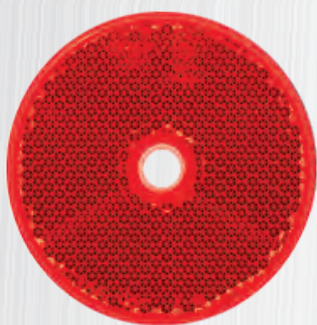
93mm
7mm
35mm
81mm

66 Series
Screw Mount
Premium Quality

- Low Profile Design
- Screw Type Fitting
- 5 Year Warranty

ECE Approved

IP67 Rated

Function Red Reflex Reflector
Size 60mm Round x 6.5mm

Approvals	Function	Approval No.
ECE	Reflector	IA-E9-02.0241

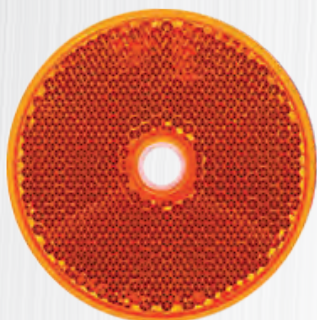**Part Numbers**
66R - Twin Blister
66RB - Box of 100

Function Amber Reflex Reflector
Size 60mm Round x 6.5mm

| Approvals	Function	Approval No.
ECE	Reflector	IA-E9-02.0241

Part Numbers
66A - Twin Blister
66AB - Box of 100

Function White Reflex Reflector
Size 60mm Round x 6.5mm

Approvals	Function	Approval No.
ECE	Reflector	IA-E9-02.0241

Part Numbers
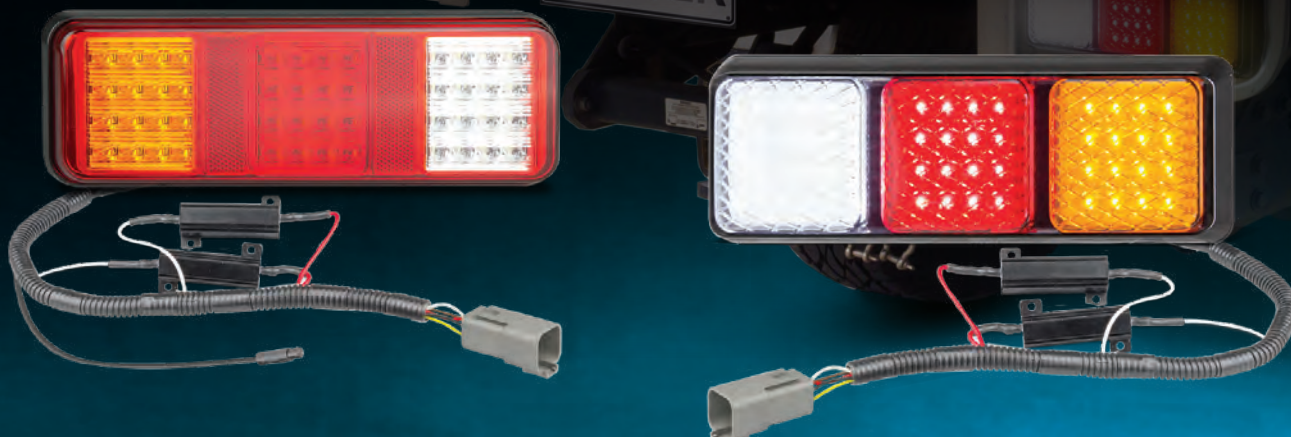**66W** - Twin Blister
66WB - Box of 100

Fitting Instructions
and Technical Drawings

Fit onto flat surface using screw points in bracket.
Please refer to ADR 13/00 for mounting instructions.

6.5mm

60mm
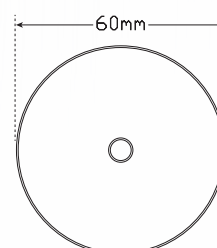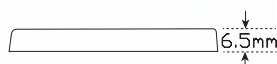
Designed for Trays
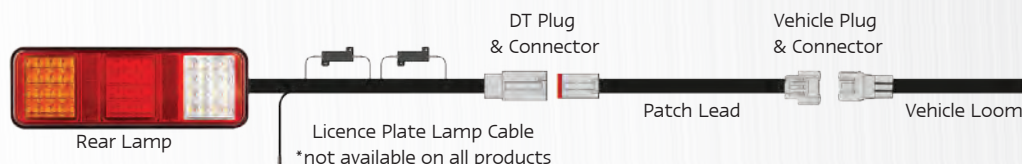## Easy Upgrade to LED Rear Lighting

Upgrading or fitting trays to LED rear lighting has never been made easier with our new plugin lamp and patch cable system. We have made available our most popular rear combination lamps that have been prewired with load resistors assisting with fast flashing indicators or error messages as well as terminated with quality Deutsch connectors. The key is the ability to adapt to the vehicles existing harness system, and with our comprehensive range of vehicle patch cable adapter plugs suiting most popular branded vehicles, you will not be disappointed with the choice. A handy additional feature is the ability to adapt to our existing plugin marker and licence plate lamps. To complete the system, we also have an extensive range of separate patch plugs and connectors. We can also help with bespoke, custom OE or specific requirements as well.
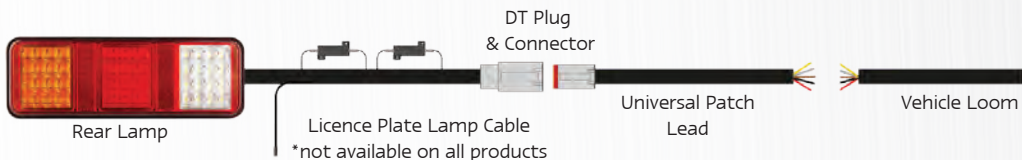
Below are a few examples of how you can use this system to suit your vehicles specific lamp and wiring requirements.
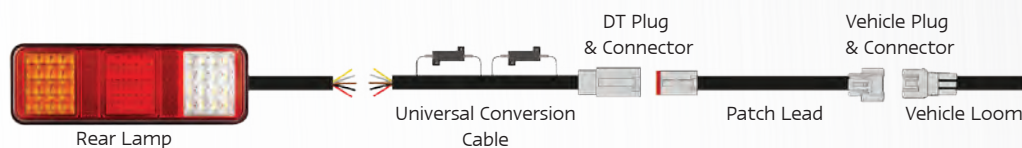
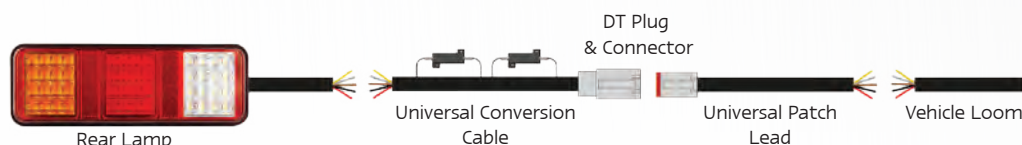**Prewired lamp and patch lead to vehicle loom.**

Rear Lamp — Licence Plate Lamp Cable *not available on all products — DT Plug & Connector — Patch Lead — Vehicle Plug & Connector — Vehicle Loom

Prewired lamp and hard wire to vehicle loom

Rear Lamp — Licence Plate Lamp Cable *not available on all products — DT Plug & Connector — Universal Patch Lead — Vehicle Loom

LED lamp with bare ends and patch lead to vehicle loom.

Rear Lamp — Universal Conversion Cable — DT Plug & Connector — Patch Lead — Vehicle Plug & Connector — Vehicle Loom

LED lamp with bare ends and hard wired to vehicle loom.

Rear Lamp — Universal Conversion Cable — DT Plug & Connector — Universal Patch Lead — Vehicle Loom
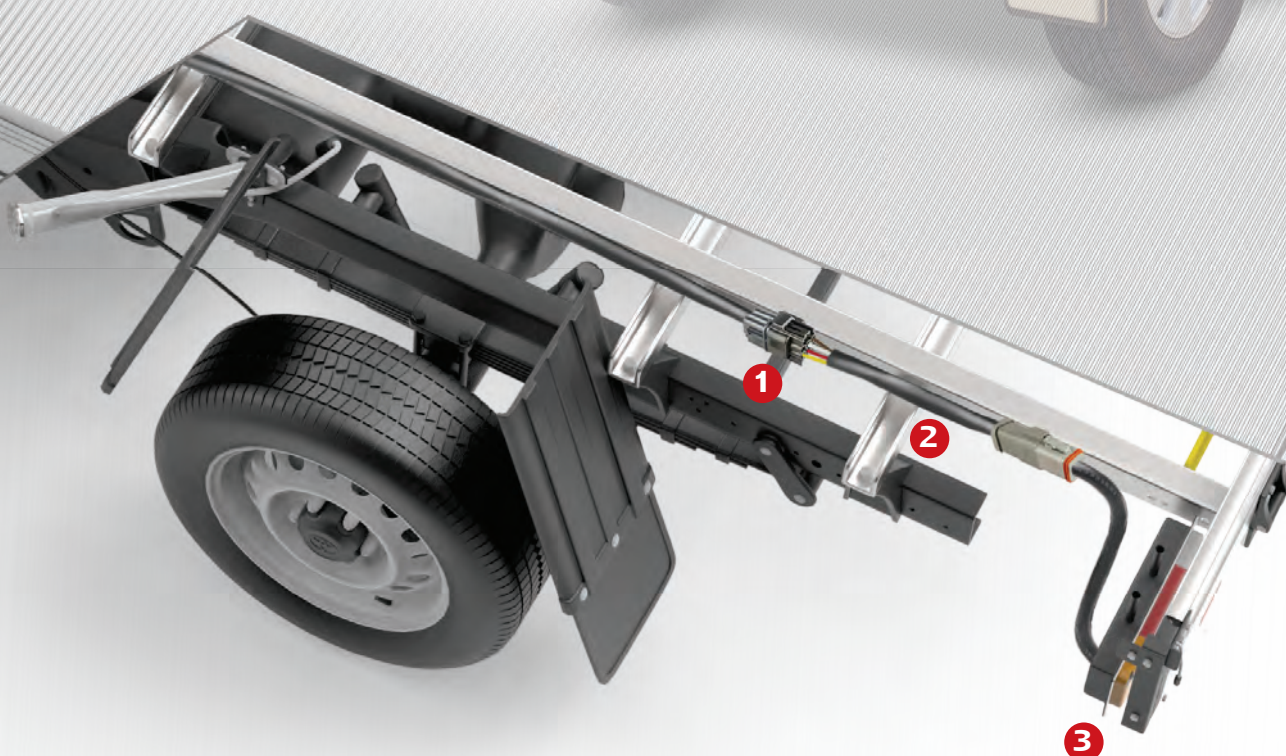
Vehicle LED Patch Cable System
Easy LED Upgrade

- Quality Wiring and Plugs
- LED Lighting Upgrades
- Prewired to fit Popular Vehicles

Scan the QR code for more fitting examples

SCAN ME

① **Vehicle Factory Loom**

② **Vehicle Patch Lead**

③ **LED Autolamps Rear Combination Lamp**

Bespoke Lamp & Cable Wiring Kits

We can professionally custom-fit and supply our lamps with plugs and wiring to suit your specifications, ask us how.
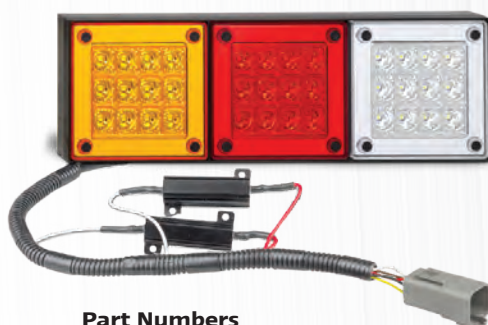
Vehicle LED Patch Cable System
Easy LED Upgrade

- Designed for Trays
- Upgrade to LED Lighting
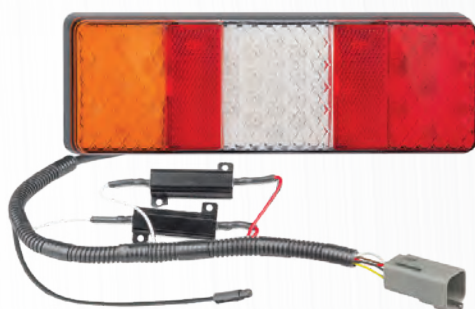- Lamp with Conversion Cable/Plug

IP67 Rated

12 or 24 Volt

Function	Stop/Tail/Ind/Reverse
Size	284mm x 100mm x 27mm
Voltage	12 Volt Only
LED Qty	33
Cable	450mm with 2 x LR12 Resistors Terminated with Deutsch Connector

Draw	Stop	Tail	Ind	Rev
@13.8V	0.35A	0.04A	0.30A	0.36A

Part Number
SO282ARWM2LR450 - Bulk

Function	Stop/Tail/Ind/Reverse
Size	282mm x 95mm x 28mm
Voltage	12 Volt or 24 Volt Only
LED Qty	36
Cable	450mm with 2 x LR12 Resistors Terminated with Deutsch Connector

Draw	Stop	Tail	Ind	Rev
@13.8V	0.15A	0.04A	0.14A	0.17A
@28V	0.11A	0.03A	0.11A	0.13A

Part Numbers
280ARWM2LR12/450 - 12 Volt, Bulk
280ARWM2LR24/450 - 24 Volt, Bulk

Function	Stop/Tail/Ind/Reverse/Reflector
Size	250mm x 80mm x 24mm
Voltage	12 Volt Only
LED Qty	33
Cable	450mm with 2 x LR12 Resistors Terminated with Deutsch Connector 500mm Licence Plate Cable with 2 Pin Male Plug

Draw	Stop	Tail	Ind	Rev
@13.8V	0.04A	0.32A	0.32A	0.24A

Part Number
SO250ARWM2LR450 - Bulk

Function	Stop/Tail/Ind/Reverse
Size	281mm x 101mm x 30mm
Voltage	12 Volt Only
LED Qty	48
Cable	450mm with 2 x LR12 Resistors Terminated with Deutsch Connector 500mm Licence Plate Cable with 2 Pin Male Plug

Draw	Stop	Tail	Ind	Rev
@13.8V	0.10A	0.02A	0.19A	0.24A

Part Numbers
SO82BARWCC2LR12 - Bulk
SO82BARWCC2LR12-1 - No Licence Cable, Bulk

Fitting Instructions and Accessories

Horizontally surface mount using provided mounting hardware, run wire and plug through hole in fixing surface. Load resistors must be mounted on metal surface, the resistors can reach temperatures of up to 170 ° Celsius.

Black Right Angle Bracket

Part No. 80B3SKT

Suits 275, 280, 282 and 283 series triple lamps

Silver Right Angle Bracket

Part No. 80C3SKT

Vehicle LED Patch Cable System
Easy LED Upgrade

- Designed for Trays
- Upgrade to LED Lighting
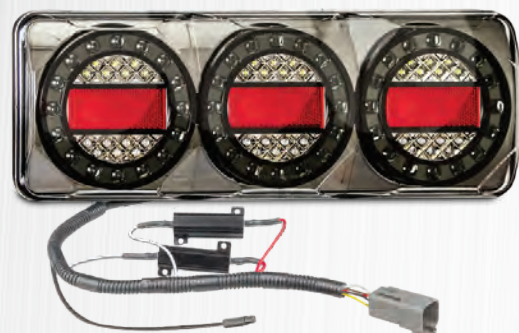- Prewired to fit Popular Vehicles

IP67 Rated

12 or 24 Volt

Function	Stop/Tail/Ind/Reverse/Reflector
Size	275mm x 100mm x 33mm
Voltage	12 Volt Only
LED Qty	72
Cable	450mm with 2 x LR12 Resistors
	Terminated with Deutsch Connector
	500mm Licence Plate Cable with 2 Pin Male Plug

Draw	Stop	Tail	Ind	Rev
@13.8V	0.23A	0.04A	0.22A	0.16A

Part Number
SO275GARWM2LR450 - Bulk

Function	Stop/Tail/Ind/Reverse/Reflector
Size	283mm x 100mm x 25mm
Voltage	12 Volt or 24 Volt Only
LED Qty	48
Cable	450mm with 2 x LR12 Resistors
	Terminated with Deutsch Connector
	500mm Licence Plate Cable with 2 Pin Male Plug

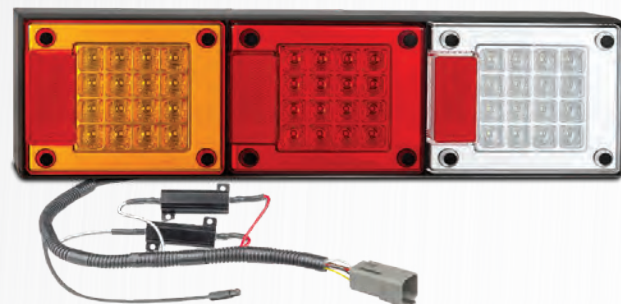| Draw	Stop	Tail	Ind	Rev
@13.8V	0.24A	0.03A	0.27A	0.17A
@28V	0.12A	0.02A	0.14A	0.10A

Part Numbers
SO283ARWM2LR12 - 12 Volt, Bulk
SO283ARWM2LR24 - 24 Volt, Bulk

Function	Stop/Tail/Ind/Reverse/Reflector
Size	370mm x 135mm x 40mm
Voltage	12 Volt Only
LED Qty	90
Cable	450mm with 2 x LR12 Resistors
	Terminated with Deutsch Connector
	500mm Licence Plate Cable with 2 Pin Male Plug

Draw	Stop	Tail	Ind	Rev
@13.8V	0.54A	0.08A	0.77A	0.67A

Part Number
SOMAXI2LR/450B - Bulk

Function	Stop/Tail/Ind/Reverse/Reflector
Size	460mm x 130mm x 33mm
Voltage	12 Volt Only
LED Qty	48
Cable	450mm with 2 x LR12 Resistors
	Terminated with Deutsch Connector
	500mm Licence Plate Cable with 2 Pin Male Plug

Draw	Stop	Tail	Ind	Rev
@13.8V	0.30A	0.02A	0.32A	0.19A

Part Number
460ARWM2LR12/450 - Bulk

Note: When using load resistors in a vehicle that has lamp failure monitoring, failure of the lamp will not be detected.

P/N. 41BLMCSB

Licence Plate Lamp with Plug

Suits SO250, SO82, SO275, SO283, SOMAXI and 460 Patch Series Lamps

P/N. 35BLMCSB

Licence Plate Lamp with Plug

Vehicle LED Patch Plugs and Connectors

- Includes Terminals and Wedges

IP67 Rated

Image	Part Number Description	Image	Part Number Description
	PLUG-HINO300 To Suit Hino 300/500 Series		**PLUG-CAT6TOYOTA** To Suit Toyota
	PLUG-HILUX.LCRUISER To Suit Toyota Hilux/Landcruiser		**PLUG-TRITONMQ** To Suit Mitsubishi Triton MQ
	PLUG-TRITONMNSC To Suit Mitsubishi Triton MN Single Cab		**PLUG-HINO** To Suit Hino
	PLUG-FUSO To Suit Fuso		**PLUG-DMAX** To Suit ISUZU DMAX
	PLUG-LDV To Suit LDV T60/T70		**PLUG-ISUZU** To Suit ISUZU Trucks
	PLUG-BT50 To Suit Mazda BT50 Ford Ranger		**PLUG-AMAROK** To Suit Volkswagon Amarok

Vehicle LED Patch Plugs and Connectors

- Includes Terminals and Wedges

IP67 Rated

Image	Part Number Description	Image	Part Number Description
	PLUG-NP300 To Suit Nissan Navara NP300		**PLUG-TRITONMN** To Suit Mitsubishi Triton MN
	PLUG-COLORADO To Suit Holden Colorado		**PLUG-NP300CC** To Suit Nissan Navara NP300 Cab Chassis Mercedes-Benz X-Class
	PLUG-DT04-2P DEUTSCH Connector 2 Pin Plug		**PLUG-DT06-2S** DEUTSCH Connector 2 Pin Socket
	PLUG-DT04-3P DEUTSCH Connector 3 Pin Plug		**PLUG-DT06-3S** DEUTSCH Connector 3 Pin Socket
	PLUG-DT04-4P DEUTSCH Connector 4 Pin Plug		**PLUG-DT06-4S** DEUTSCH Connector 4 Pin Socket
	PLUG-DT04-6P DEUTSCH Connector 6 Pin Plug		**PLUG-DT06-6S** DEUTSCH Connector 6 Pin Socket

Vehicle LED Patch Cable System
Easy LED Upgrade

- Quality Wiring and Plugs
- LED Lighting Upgrades
- Prewired to fit Popular Vehicles

Part Number	Image	Application to Suit	Description
PATCH-AMAROK5LR		VOLKSWAGEN AMAROK	Vehicle Connector with Deutsch Plug for Lamp 12 & 24 Volt Resistors Prewired Contains 2 x Cables
PATCHCOLORADO		HOLDEN COLORADO	Vehicle Connector with Deutsch Plug for Lamp 12 Volt Resistor Prewired Contains 2 x Cables
PATCHNAVARAT-NP300		NISSAN NAVARA NP300	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-NP300CC		NISSAN NAVARA NP300 CAB CHASSIS	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCHL-CRUISER		TOYOTA LAND CRUISER	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-EXTCRUISE		TOYOTA LAND CRUISER	Tray Extension with OEM Connector/Plug - 600mm Length Contains 2 x Cables
PATCHHILUX		TOYOTA HILUX	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCHD-MAX		ISUZU D-MAX	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCHRANGER/BT50		FORD RANGER MAZDA BT-50	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables

Vehicle LED Patch Cable System
Easy LED Upgrade

- Quality Wiring and Plugs
- LED Lighting Upgrades
- Prewired to fit Popular Vehicles

Part Number	Image	Application to Suit	Description
PATCHTRITON-MNSC		MITSUBISHI TRITON MN SINGLE CAB	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCHTRITON-MN		MITSUBISHI TRITON MN	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCHTRITON-MQ		MITSUBISHI TRITON MQ	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-RAM1500		DODGE RAM 1500	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-XCLASS		MERCEDES-BENZ X-CLASS	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-XCLASSEXT		MERCEDES-BENZ X-CLASS	Tray Extension with OEM Connector/Plug - 600mm Length Contains 2 x Cables
PATCH-LDV		LDV T60/T70	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-ISUZU		ISUZU TRUCKS	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-ISUZUEXT		ISUZU TRUCKS	Tray Extension with OEM Connector/Plug - 1.5m Length Contains 2 x Cables

Vehicle LED Patch Cable System
Easy LED Upgrade

- Quality Wiring and Plugs
- LED Lighting Upgrades
- Prewired to fit Popular Vehicles

Part Number	Image	Application to Suit	Description
PATCH-MUSSO		SSANGYONG MUSSO	Tray Extension with OEM Connector/Plug - 600mm Length Contains 2 x Cables
PATCH-HINO		HINO TRUCKS	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-HINO500		HINO 300/500 SERIES	Vehicle Connector with Deutsch Plug for Lamp Contains 2 x Cables
PATCH-FUSO		FUSO TRUCKS	Vehicle Connector with Deutsch Plug for Lamp Multivolt Load Module Prewired Contains 2 x Cables
2LR12/450		Universal Conversion Cable	Hardwire any LED Autolamps Rear Combination Lamp Deutsch Connector **12 Volt Only**
2LR24/450		Universal Conversion Cable	Hardwire any LED Autolamps Rear Combination Lamp Deutsch Connector **24 Volt Only**
2PM.5LP		Licence Plate Lamp Cable	500mm Licence Plate Lamp cable with LED Warning Canceller, terminated with 2 Pin Male Plug. **12 Volt Only**
PATCH-UNI		Universal Patch Lead	Universal Patch Lead with Deutsch Plug and Bare Wires
PATCH-RAM1500.UNI		DODGE RAM 1500	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables

Vehicle LED Patch Cable System
Easy LED Upgrade

- Quality Wiring and Plugs
- LED Lighting Upgrades
- Prewired to fit Popular Vehicles

Part Number	Image	Application to Suit	Description
PATCH-RANGERBT50.UNI		FORD RANGER MAZDA BT-50	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables
PATCH-TRITONMN.UNI		MITSUBISHI TRITON - MN	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables
PATCH-TRITONMQ.UNI		MITSUBISHI TRITON - MQ	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables
PATCH-DMAX.UNI		ISUZU D-MAX	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables
PATCH-HILUX.UNI		TOYOTA HILUX	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables
PATCH-LCRUISER.UNI		TOYOTA LANDCRUISER	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables
PATCH-NAVARANP300.UNI		NISSAN NAVARA NP300	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables
PATCH-COLORADO.UNI		HOLDEN COLORADO	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables
PATCH-AMAROK.UNI		VOLKSWAGEN AMAROK	Vehicle Universal Patch Lead with OEM Plug and Bare Wires Contains 2 x Cables

Designed for Bullbars

Upgrade to LED Front Position & Indicators

Upgrading or fitting LEDs to vehicles has never been made easier with our new plugin lamp and patch cable system. We have made available our most popular front position/indicator lamps prewired with suitable harness and OEM vehicle connectors. The key is the ability to adapt to the vehicles existing harness system, and with our comprehensive range of vehicle patch cable adapter plugs suiting most popular branded vehicles, you will not be disappointed with the choice. We can also help with bespoke, custom OE or specific requirements as well.

Suits Holden Colorado 2019

Part Number
BBPATCH-COLORADO - Bulk

Suits Ford Ranger 2019

Part Number
BBPATCH-RANGER - Bulk

Function Cable Front Indicator/Position Patch Lead 100mm Harness with OEM Vehicle Plugs 1m Extension with 3 pin AMP Connector

Position & Indicator Patch Leads currently available for the following vehicles:

Vehicle	Part Number
Toyota Hilux	BBPATCH-HILUX
Toyota Landcruiser 70 Series	BBPATCH-LC7X
Isuzu D-MAX	BBPATCH-DMAX
Holden Colorado LTZ/Z71	BBPATCH-COLORADO
Ford Ranger	BBPATCH-RANGER
Nissan Navara	BBPATCH-NAVARA
Mitsubishi Triton	BBPATCH-TRITON
Volkswagen Amarok	BBPATCH-AMAROK

Fitting Instructions and Accessories

Connect Patch Lead to existing vehicle harness with the OEM vehicle plugs. Run extension lamp cable to desired lamp position. Refer to lamp fitting instructions for detailed instructions. Connect lamp to extension cable.

P/N. 282087-1

P/N. 282105-1

3 Pin AMP Female Plug

3 Pin AMP Male Plug

Vehicle LED Patch Cable System
Easy LED Upgrade

- Easy Bullbar LED Upgrade
- Fits Existing Vehicle Harness
- Prewired to fit Popular Vehicles

12 Volt Only

12 - 24 Multivolt

IP67 Rated

Function	Front Indicator/Position
Size	225mm x 50mm x 28mm
Voltage	12 Volt Only
LED Qty	24 (Indicator), 15 (Front Position)
Cable	20cm with 3 pin AMP Plug

Part Number
175AWTB-3AMP - Bulk

Refer to Page 136 for lamp specifications.

Function	Front Indicator/Position
Size	275mm x 50mm x 24mm
Voltage	12 Volt Only
LED Qty	21 (Indicator), 4 (Front Position)
Cable	20cm with 3 pin AMP Plug

Part Number
175AW-3AMP - Bulk

Refer to Page 135 for lamp specifications.

Function	Front Indicator/Position
Size	135mm x 38mm x 24mm
Voltage	12 Volt Only
LED Qty	14 (Indicator), 4 (Front Position)
Cable	20cm with 3 pin AMP Plug

Part Number
135AW-3AMP - Bulk

Refer to Page 135 for lamp specifications.

Function	Daytime Running Lamp
Size	131mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	6
Cable	20cm with 3 pin AMP Plug

Part Number
12DRL-3AMP - Bulk

Refer to Page 136 for lamp specifications.

Function	Front Indicator
Size	89mm x 30mm x 8mm
Voltage	Multivolt 12-24V
LED Qty	3
Cable	20cm with 3 pin AMP Plug

Part Number
11CAT1M-3AMP - Bulk

Refer to Page 130 for lamp specifications.

Function	Front Indicator/Position
Size	80mm Round x 40mm
Voltage	12 Volt Only
LED Qty	19 (Indicator), 15 (Front Position)
Cable	20cm with 3 pin AMP Plug

Part Number
80AW-3AMP - Bulk

Refer to Page 136 for lamp specifications.

Designed for Bullbars
Easy Installation of Driving Lamps

Upgrading or fitting LEDs to vehicles has never been made easier with our new plugin lamp and patch cable system. The key is the ability to adapt to the vehicles existing harness system to obtain high beam signal to then connect to lamp wiring harness, and with our comprehensive range of vehicle patch cable adapter plugs suiting most popular branded vehicles, you will not be disappointed with the choice. We can also help with bespoke, custom OE or specific requirements as well.

Vehicle	Isuzu D-MAX
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-DMAX - Bulk

Vehicle	Ford Ranger / Everest
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-RANGER - Bulk

Vehicle	Holden Colorado
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-COLORADO - Bulk

Vehicle	Toyota Landcruiser 200 Series
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-LCRUISER - Bulk

Vehicle LED Patch Cable System Easy LED Upgrade

- Easy Bullbar LED Upgrade
- Fits Existing Vehicle Harness
- Prewired to fit Popular Vehicles

12 – 24 Multivolt   **IP67** Rated

Vehicle	Nissan Navara NP300
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-NAVARA   - Bulk

Vehicle	Volkswagen Amarok
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-AMAROK   - Bulk

Vehicle	Suzuki Jimny
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-JIMNY - Bulk

Vehicle	Mitsubishi Triton MR
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-TRITONMR - Bulk

Vehicle	Mitsubishi Triton MQ
Function	Driving Lamp Patch Lead
Cable	90mm OEM to OEM Plug
	150mm with T-Plug to suit Wiring Harness

Refer to Page 204 for Driving Lamps & Wiring Harness.

Part Number
DLPATCH-TRITONMQ   - Bulk

Designed for Vehicles

Easy Upgrade to LED Side Indicators

Upgrading or fitting LEDs to vehicles has never been made easier with our new plugin lamp and patch cable system. We have made available our most popular category 6 side direction indicator that have been prewired with suitable harness and OEM vehicle connectors. The key is the ability to adapt to the vehicles existing harness system, and with our comprehensive range of vehicle patch cable adapter plugs suiting most popular branded vehicles, you will not be disappointed with the choice. We can also help with bespoke, custom OE or specific requirements as well.

Suits Toyota Landcruiser 70 Series

Function	Side Direction Indicator Patch Lead
Size	77mm x 52mm x 22mm
Voltage	Multivolt 9 - 32V
LED Qty	3
Cable	300mm with OEM Toyota Plugs

	Ind
Draw @13.8V	0.12A

Approvals	**Function**	**Approval No.**
ECE	Side Direction	E9*6R01/29*22383*00

Part Number
77AMB-LCRUISER70   - Coloured Lens, Bulk

Suits Toyota Landcruiser 70 Series

Function	Side Direction Indicator Patch Lead
Size	77mm x 52mm x 22mm
Voltage	Multivolt 9 - 32V
LED Qty	3
Cable	300mm with OEM Toyota Plugs

	Ind
Draw @13.8V	0.12A

Approvals	**Function**	**Approval No.**
ECE	Side Direction	E9*6R01/29*22383*00

Part Number
77ACMB-LCRUISER70   - Clear Lens, Bulk

Fitting Instructions and Technical Drawings

Drill 10mm hole into flat surface and mount horizontally to the ground with 3M Tape and serrated plug. LEDs must be facing the rear of the vehicle.

77mm

52mm

22mm

Ø10mm

Vehicle LED Patch Cable System
Easy LED Upgrade

- Simple Side Indicator Upgrade
- Fits Existing Vehicle Harness
- Prewired to fit Popular Vehicles

IP67 Rated

9 – 32 Multivolt

Scan the QR code for latest patch updates

SCAN ME

Suits Toyota Landcruiser Sahara Series

+

Function	Side Direction Indicator Patch Lead
Size	77mm x 52mm x 22mm
Voltage	Multivolt 9 - 32V
LED Qty	3
Cable	100mm Harness, with OEM Vehicle Plugs, 1200mm Extension with Female AMP Plug 100mm Lamp with Male AMP Plug

Draw @13.8V	Indicator 0.12A

Approvals	Function	Approval No.
ECE	Side Direction	E9*6R01/29*22383*00

Part Number

77ACMB-LCSAHARA - Clear Lens, Bulk

Indicator Patch Leads currently available for the following vehicles:

Vehicle	Part Number
Toyota Hilux	77ACMB-HILUX
Toyota HiAce	77ACMB-HIACE300
Nissan Navara NP300	77ACMB-NAVARANP300
ISUZU D-MAX	77ACMB-DMAX
Mitsubishi Triton MN/MQ	77ACMB-TRITON
Mazda BT-50	77ACMB-BT50
Holden Colorado	77ACMB-COLORADO
Ford Ranger	77ACMB-RANGER

Be sure to contact us directly for any vehicle enquiries, or scan the QR code.

LED Autolamps Merchandisers

We pride ourselves on delivering fast moving, neat and profitable product displays that not only look great but will also enhance your retail space. Our passion and attention to detail when building the right retail merchandiser display will guarantee to engage your customers and provide a rewarding retail experience.
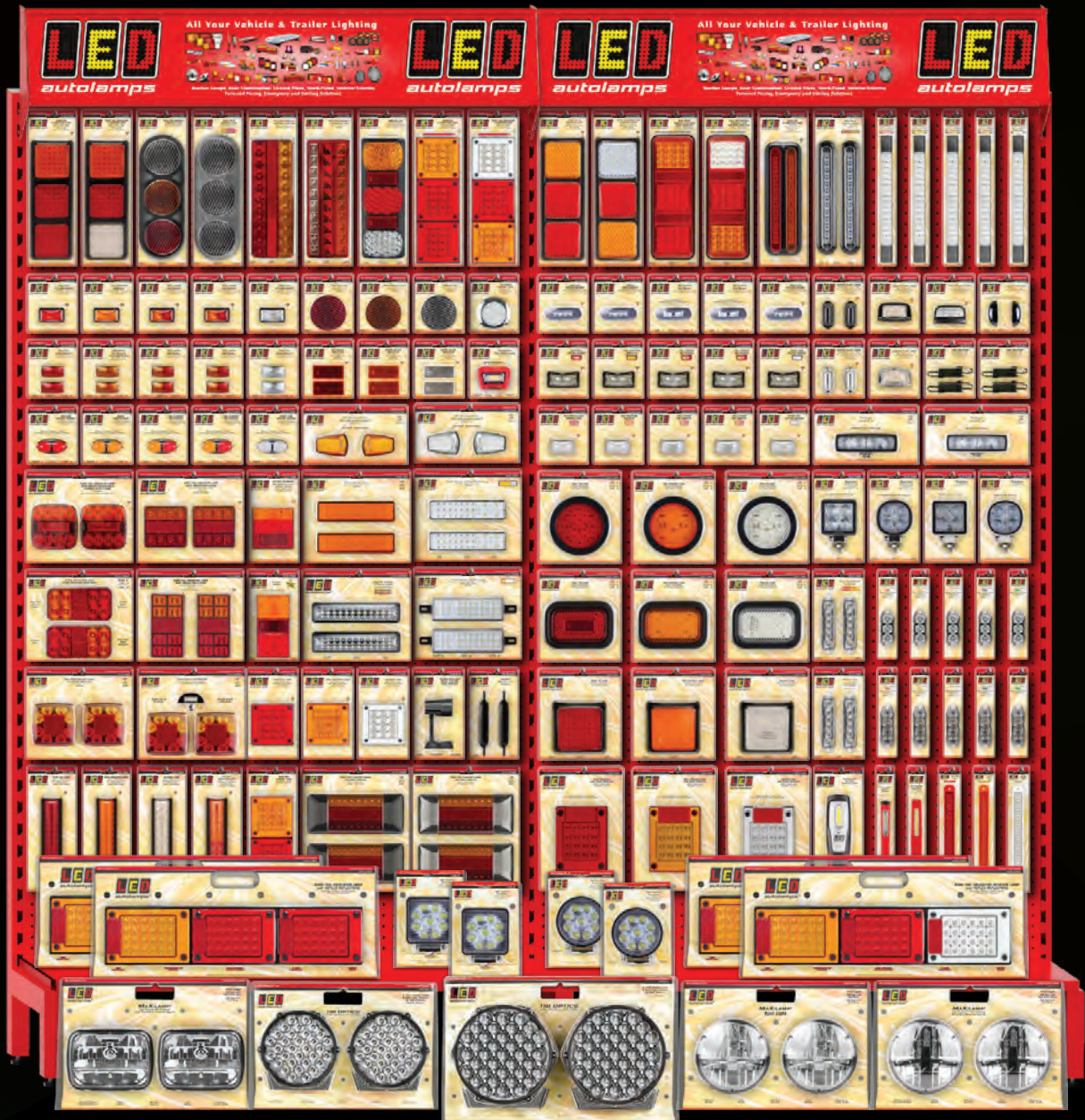

We also have a determined sales team dedicated and ready to work with your store managers to ensure a long-term success with your investment. Benefits when you work with us will include; stock rotations, new product alerts, where to buy on our website, as well as marketing and promotions assistance. Our 17 years experience in retail displays, quality proven products and competitive pricing will give you the edge over your competition.

- **Expert LED Advice & Support**
- **Signage & Marketing Assistance**
- **Fast Moving Products**
- **Install Assistance**

- **Internal Product Training**
- **Visually Pleasing Clean Layout**
- **Stock Refresh or Turnover**
- **Stand out, Generate More Sales**

Fast Moving, Maximising Sales

4x4/Adventure

Trailer
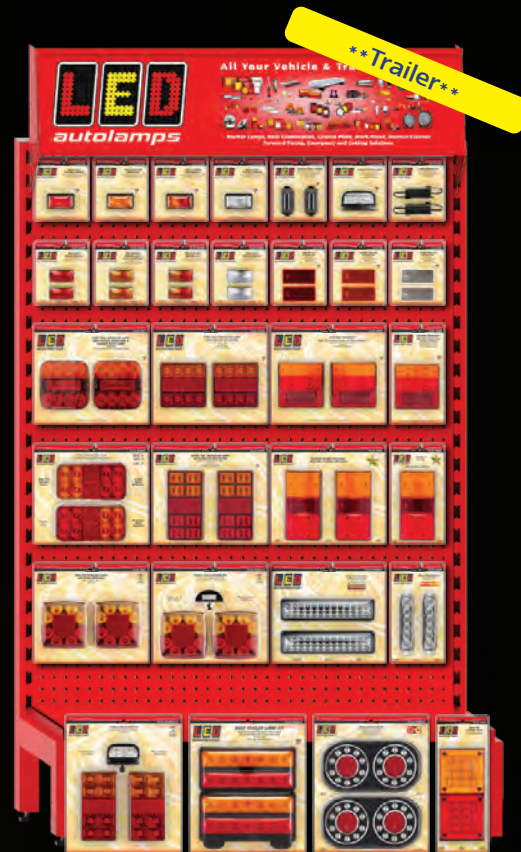
"Enhance Your Retail Store with an Industry Proven LED Lighting Product Range, that's Customizable to Your Requirements".

Boating Marine

Truck

Engage Customers with Light Up Displays

NEW

Cycles through all Functions

Perfect for Large Displays

**Bonus Cable System Display**

Highly Visual Display

An exciting feature for any store merchandiser display package is our large harness light up display board. By cycling through all lit functions, the display not only grabs the attention of the customer but also shows the products fitted and working. This striking display will reinforce the purchaser's decision and assist in driving more sales for your business. Ask us how we can implement this engaging light up display board into your specific store merchandiser layout.
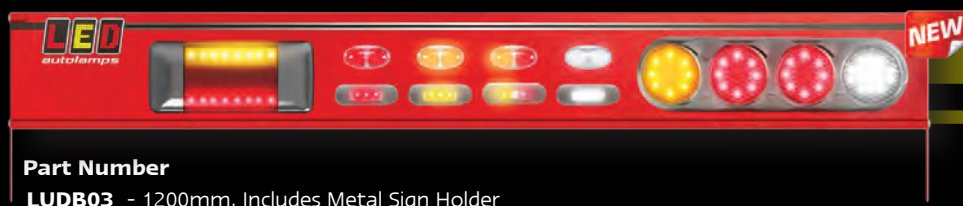
Part Number
HARNESS DISPLAY

Light Up Merchandiser Signage

NEW

Part Number
LUDB01 - 900mm, Includes Metal Sign Holder

NEW
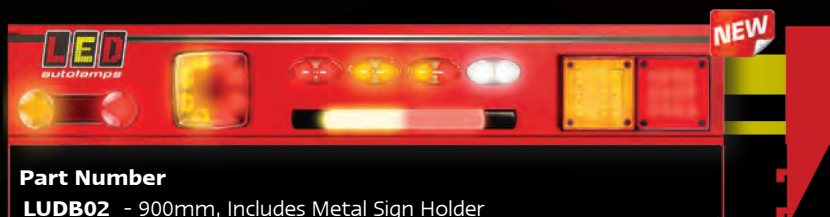
Part Number
LUDB02 - 900mm, Includes Metal Sign Holder

NEW

Part Number
LUDB03 - 1200mm, Includes Metal Sign Holder

NEW

Part Number
LUDB04 - 1200mm, Includes Metal Sign Holder

LED Globe Desktop Display Stand

**Compact
Counter Display**

**Popular LED
Globe Range**

**Restockable
Reusable**

**Fast Moving
Products**

Adding our new auto globe desktop display will instantly grab the attention of the customer, becoming a talking point for your team to capture last minute sales and add value to a purchase. The blister packs include important product information so selecting the right globe will be a breeze. This display is made from highly visible red PVC plastic that is durable and designed to go the distance in a busy retail environment. All hooks and re order cards are also supplied making the task of restocking easy and ensuring continued long-term sales for years to come.
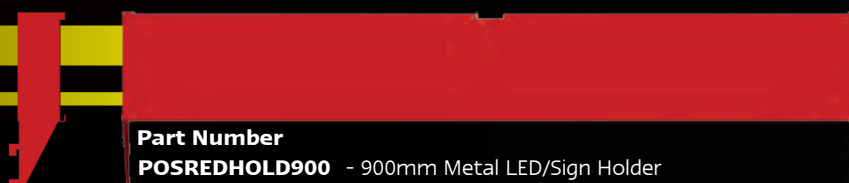
**Part Number
GLOBE-CD**
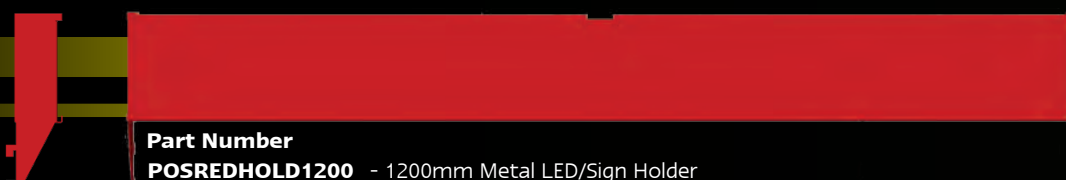
Corflute Merchandiser Signage

**Part Number
POSCORFLUTESIGN900** - 900mm, Requires Metal Sign Holder

**Part Number
POSREDHOLD900** - 900mm Metal LED/Sign Holder

**Part Number
POSCORFLUTESIGN1200** - 1200mm, Requires Metal Sign Holder

**Part Number
POSREDHOLD1200** - 1200mm Metal LED/Sign Holder

LED AUTOLAMPS
REGISTERED OFFICES

Australia

Noel Comerford's AUTO PARTS
Proudly Australian
Owned & Operated

366 Edward Street, Wagga Wagga NSW 2650
Phone : 02 6925 3777   Fax : 02 6925 1948
E-Mail : sales@noelsautoparts.com.au

Europe
Unit 8J, Maybrook Business Park
Minworth
Sutton Coldfield
B76 1AL
United Kingdom
Phone +44 121 313 2222
Facsimile +44 121 313 2272
Email enquiries@ledautolamps-uk.com
Website www.ledautolamps-uk.com

MOTOR TRADERS'
ASSOCIATION OF NSW

MTA

CAPRICORN
PREFERRED SUPPLIER