





## DC LED WORK LIGHTS IP65

Body material:  
Aluminium



| Code        | LAW1261B      | RB-L401A       | RB-L409      | RB-L430       |
|-------------|---------------|----------------|--------------|---------------|
| Size mm     | 126 x 86 x 70 | 110 x 110 x 50 | 84Ø x 65(D)  | 110 x 92 x 45 |
| Voltage VDC | 10-30         | 10-36          | 9-36         | 10 - 30VDC    |
| No. of LED  | 8 x 3W (24W)  | 5 x 3 W (15W)  | 4 x 3W (12W) | 6 x 3W        |
| Beam type   | Flood         | Flood          | Spot         | Spot          |



| Code        | C2-107/P           | C2-126/P           | C2-139/P           | LAW1201B     |
|-------------|--------------------|--------------------|--------------------|--------------|
| Size mm     | 181 x Ø120 x 83    | 110 x 137 x 84     | 150 x 145 x 78     | Ø120 x 72(D) |
| Material    | Reinforced Plastic | Reinforced Plastic | Reinforced Plastic | Aluminium    |
| Voltage VDC | 9-50               | 9-50               | 9-50               | 10-30        |
| No. of LED  | 4 x 3W (12W)       | 4 x 3W (12W)       | 6 x 3W (18W)       | 5 x 3W (15W) |
| Beam Type   | Flood              | Flood              | Flood              | Flood        |

## HI-POWER LED WORK LIGHTS

Supply Voltage:  
9-32VDC  
Body material:  
Aluminium



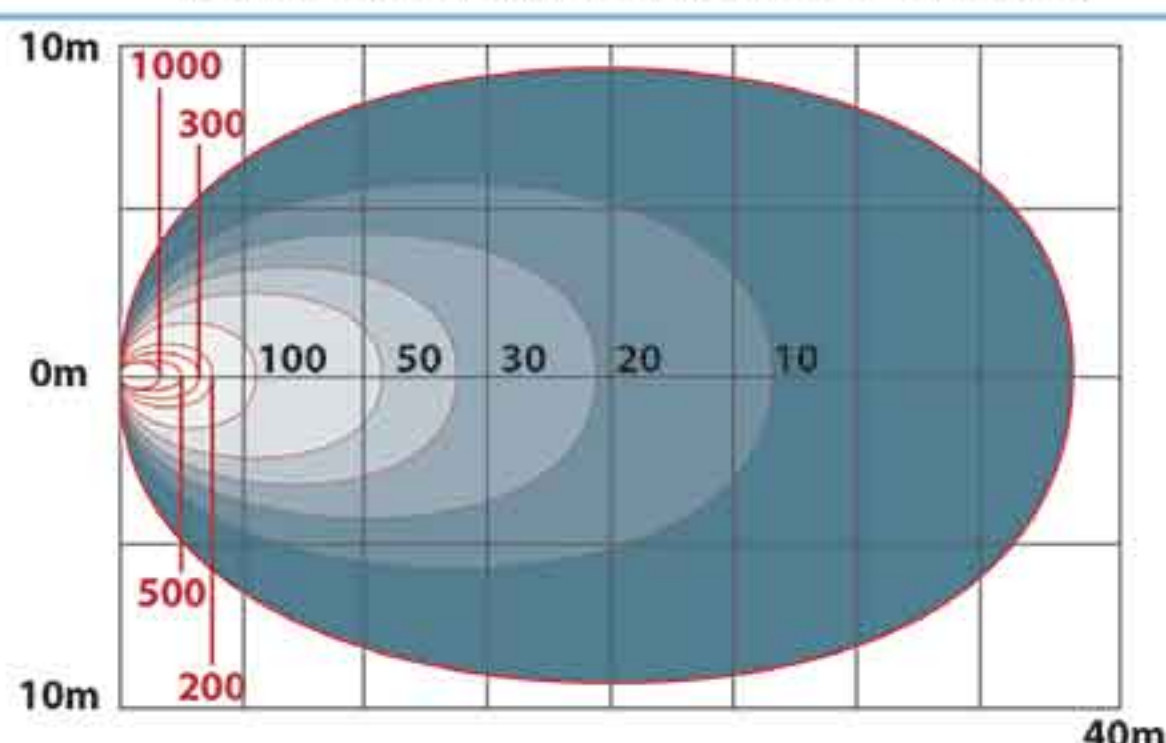
| Code            | EA-9840-7P     | EA-9840-10P    | EA-9800-8F    | EA-9840A-9F   | EA-9840-11P   |
|-----------------|----------------|----------------|---------------|---------------|---------------|
| Power (Watt)    | 15W            | 18W            | 24W           | 27W           | 33W           |
| No. Of LED      | 5 x 3W (15W)   | 6 x 3W (18W)   | 8 x 3W (24W)  | 9 x 3W (27W)  | 11 x 3W (33W) |
| Lumen           | 1050lm         | 1260lm         | 1500lm        | 1890lm        | 2310lm        |
| Size            | 110 x 110 x 30 | 117 x 117 x 44 | Ø110 x 40     | Ø116 x 50     | 158 x 93 x 70 |
| Beam Type       | Spot           | Spot           | Flood         | Flood         | Spot          |
| Lens            | Acrylic Resin  | Acrylic Resin  | Acrylic Resin | Acrylic Resin | Acrylic Resin |
| LED Colour Temp | 6500K          | 6500K          | 6500K         | 6500K         | 6500K         |

Supply Voltage:  
9-32VDC  
Body material:  
Aluminium

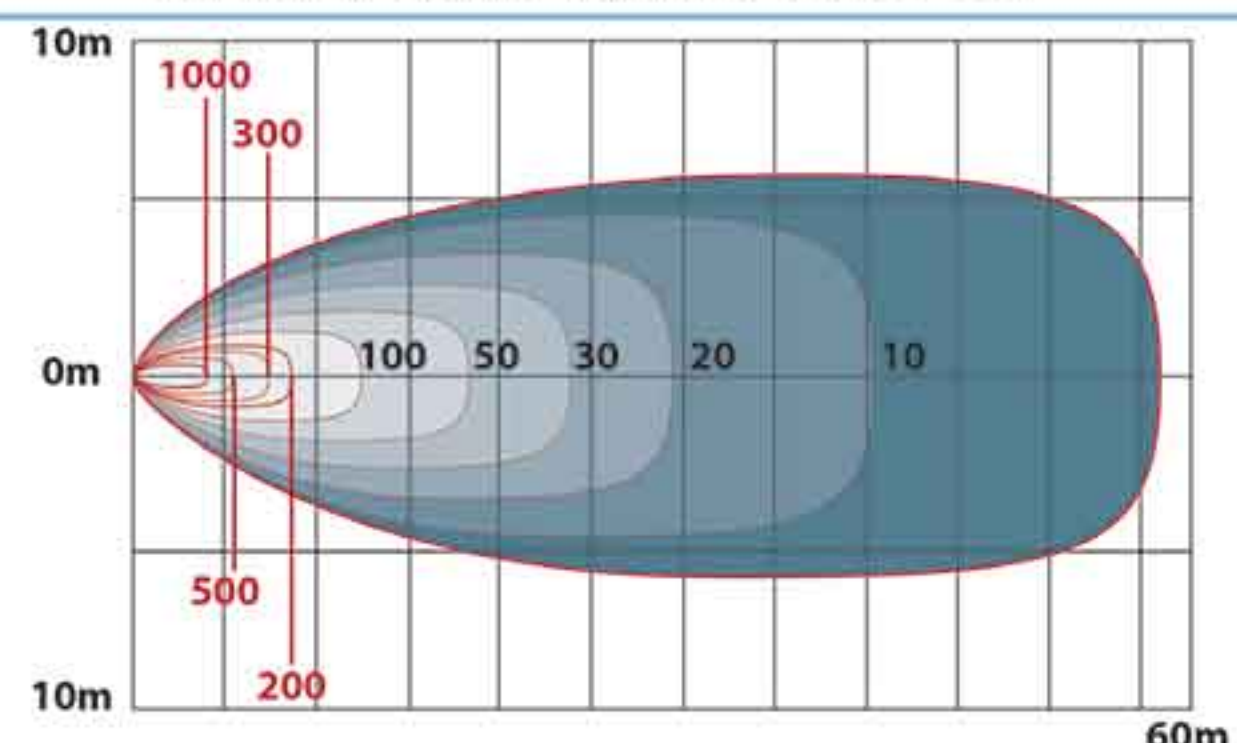


| Code            | EA-9840-3P               | EA-9830A-4F   | EA-9800-1F     | EA-9820-5P     | EA-9820-6F    |
|-----------------|--------------------------|---------------|----------------|----------------|---------------|
| Power (Watt)    | 35W                      | 40W           | 48W            | 50W            | 60W           |
| No. Of LED      | 7 x 5W (35W)             | 4 x 10W (40W) | 16 x 3W (48W)  | 10 x 5W (50W)  | 6 x 10W (60W) |
| Lumen           | 2200lm                   | 3200lm        | 3100lm         | 4000lm         | 4800lm        |
| Size            | 118 x 110 x 68           | Ø139 x 92     | 110 x 110 x 73 | 112 x 135 x 95 | Ø180 x 100    |
| Lens            | Acrylic Resin            | Acrylic Resin | Acrylic Resin  | Acrylic Resin  | Acrylic Resin |
| Beam Type       | Spot                     | Flood         | Flood          | Spot           | Flood         |
| LED Colour Temp | Flood 5000K / Spot 6000K |               |                |                |               |

**Candela Beam Pattern for FLOOD**



**Candela Beam Pattern for SPOT**





# LED BAR WORK LIGHTS IP67

## Single Row LED

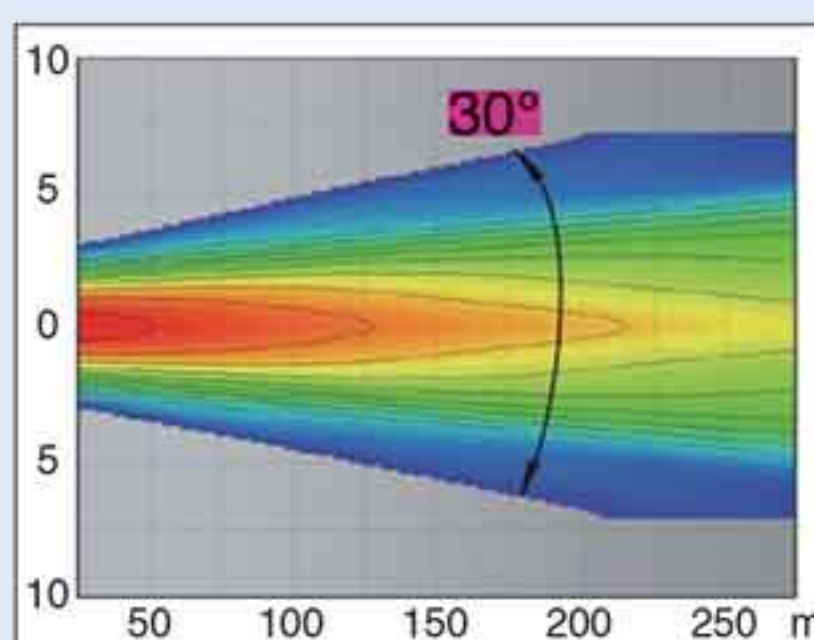


RB-L625S

| Code            | RB-L622S                               | RB-L623S      | RB-L624S      | RB-L625S        | RB-L626S      |
|-----------------|--|---------------|---------------|-----------------|---------------|
| Power           | 40W                                    | 60W           | 100W          | 120W            | 180W          |
| No. of LED's    | 4x10W                                  | 6x10W         | 10x10W        | 12x10W          | 18x10W        |
| Lumen           | 2900lm                                 | 4200lm        | 7000lm        | 8650lm          | 8400lm        |
| Size LxHxD (mm) | 200 x 115 x 125                        | 280 x 70 x 90 | 440 x 70 x 90 | 505 x 115 x 125 | 760 x 70 x 90 |
| Colour Temp.    | 6000K                                  |               |               |                 |               |
| Voltage         | 10-30VDC                               |               |               |                 |               |
| Material        | Aluminium body with Polycarbonate lens |               |               |                 |               |
| Beam Type       | Spot Beam                              |               |               |                 |               |



RB-L623S



2LX = 2lm/m<sup>2</sup>

| MODEL        | 2LX  |
|--------------|------|
| RB-L626 180W | 150m |
| RB-L625 120W | 120m |
| RB-L624 100W | 100m |
| RB-L623 60W  | 80m  |
| RB-L622 40W  | 65m  |

**SPOT LIGHT**

## Double Row LED

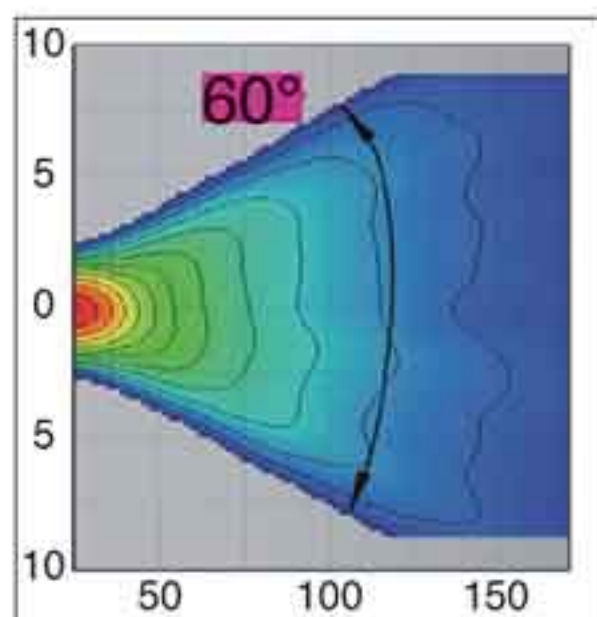


RB-L635F

| Code            | RB-L631F                               | RB-L632F       | RB-L633F      | RB-L634F      | RB-L635F       |
|-----------------|--|----------------|---------------|---------------|----------------|
| Power           | 36W                                    | 72W            | 120W          | 180W          | 240W           |
| No. of LED's    | 12x3W                                  | 24x3W          | 40x3W         | 60x3W         | 80x3W          |
| Lumen           | 2520lm                                 | 5040lm         | 8400lm        | 12600lm       | 16800lm        |
| Size LxHxD (mm) | 236 x 75 x 90                          | 424 x 113 x 90 | 592 x 75 x 90 | 847 x 75 x 90 | 1056 x 75 x 90 |
| Colour Temp.    | 6000K                                  |                |               |               |                |
| Voltage         | 10-30VDC                               |                |               |               |                |
| Material        | Aluminium body with Polycarbonate lens |                |               |               |                |
| Beam Type       | Flood Beam                             |                |               |               |                |



RB-L631F



2LX = 2lm/m<sup>2</sup>

| MODEL        | 2LX   |
|--------------|-------|
| RB-L635 240W | 53.8m |
| RB-L634 180W | 51m   |
| RB-L633 120W | 44.2m |
| RB-L632 72W  | 38.8m |
| RB-L631 36W  | 31.6m |

**FLOOD LIGHT**

## Quad Row LED

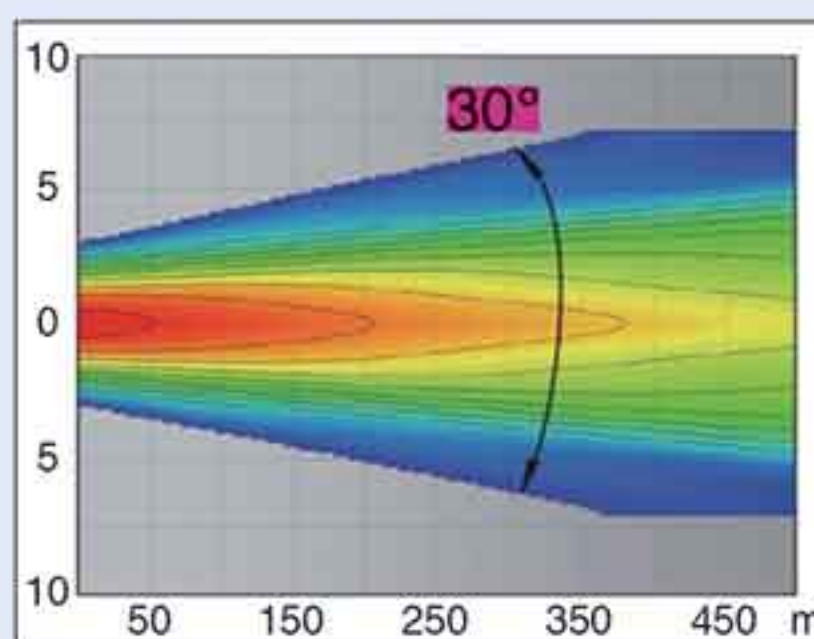


RB-L642S

| Code            | RB-L642S                               | RB-L643S   | RB-L644S   | RB-L645S   | RB-L646S   |
|-----------------|--|------------|------------|------------|------------|
| Power           | 72W                                    | 108W       | 144W       | 180W       | 216W       |
| No. of LED's    | 24x3W                                  | 36x3W      | 48x3W      | 60x3W      | 72x3W      |
| Lumen           | 5040lm                                 | 7560lm     | 10080lm    | 12600lm    | 15120lm    |
| Size LxHxD (mm) | 167x167x93                             | 235x167x93 | 305x167x93 | 368x167x93 | 440x167x93 |
| Colour Temp.    | 6000K                                  |            |            |            |            |
| Voltage         | 10-30VDC                               |            |            |            |            |
| Material        | Aluminium body with Polycarbonate lens |            |            |            |            |
| Beam Type       | Spot Beam                              |            |            |            |            |



RB-L644S



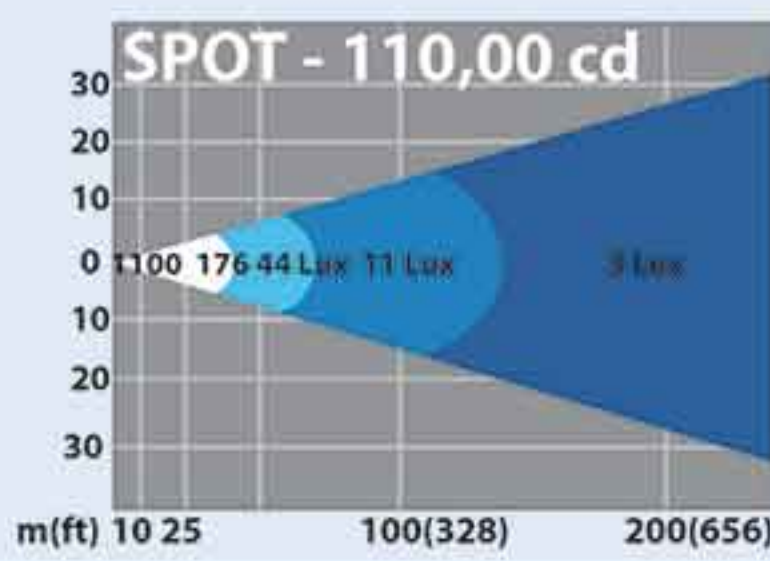
2LX = 2lm/m<sup>2</sup>

| MODEL        | 2LX  |
|--------------|------|
| RB-L646 216W | 210m |
| RB-L645 180W | 160m |
| RB-L644 144W | 140m |
| RB-L643 108W | 110m |
| RB-L642 72W  | 90m  |
| RB-L641 36W  | 60m  |

**SPOT LIGHT**



# GOLIGHT EXTREME-HIGH INTENSITY DC WORK LIGHTS IP67



### Golight GXL

- Beam Distance 683m
- Fixed Position
- UV, Water Resistant
- Instant On
- Multi LED
- Shock Proof

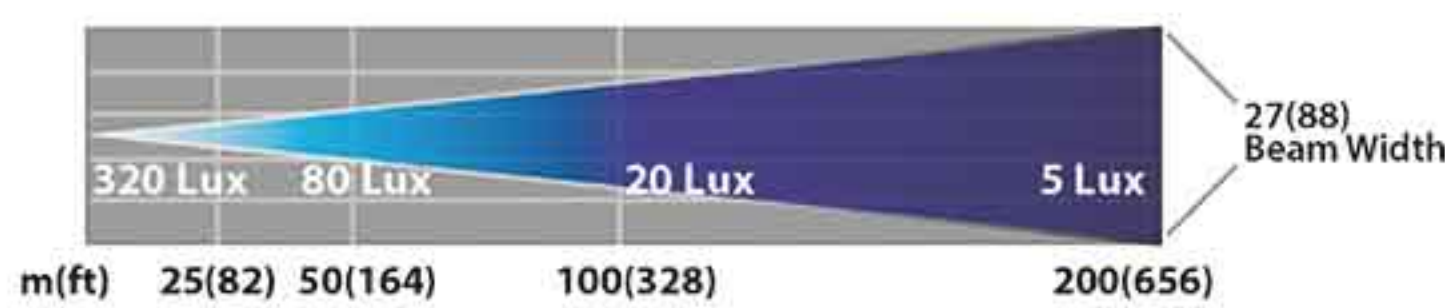
| Code        | Size (mm)      | Material  | Supply     | Control       | Beam/Angle |
|-------------|----------------|-----------|------------|---------------|------------|
| GO-4411-GXL | 132 x 122 x 84 | Aluminium | 9-32VDC/3A | Non motorised | Spot 10°   |

### Golight LED & Radoray LED - with remote controller



- Beam Distance 894m
- UV, Water Resistant
- Multi LED
- Wireless Handheld and Dash Mount Remote
- 370° Rotation, 135° Tilt

| Code     | Size (mm)       | Material    | Supply   | Control   | Beam/Angle |
|----------|-----------------|-------------|----------|-----------|------------|
| GO-20494 | 190 x 178 x 185 | ASA Polymer | 12VDC/3A | Motorised | Spot 8°    |



Peak beam intensity: 200,000 Candela  
Maximum beam distance: 894m/2,933ft  
Beam angle: 8°

ILLUMINANCE (Lux) 320 80 20 5

### Golight Stryker HID



- Beam Distance 1480m
- UV, Water Resistant
- HID Light Source
- Wireless Handheld (Remote)
- 370° Rotation, 135° Tilt
- Quick Start-up time

| Code     | Size (mm)       | Material    | Supply Voltage | Control   | Beam |
|----------|-----------------|-------------|----------------|-----------|------|
| GO-30511 | 190 x 178 x 185 | ASA Polymer | 11.5-14VDC     | Motorised | Spot |



Peak beam intensity: 550,000 Candela  
Maximum beam distance: 1483m/4,865ft  
Beam angle: 12°

HID Spare Lamp GO-39100

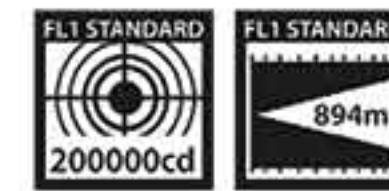
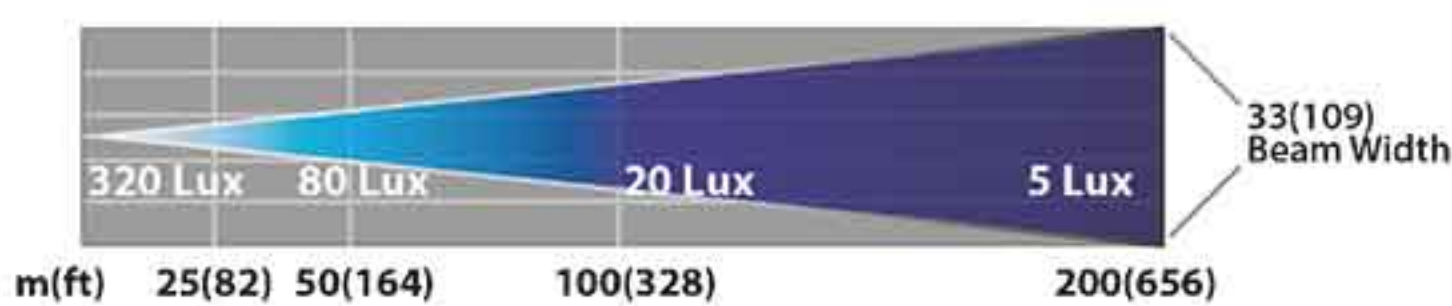
ILLUMINANCE (Lux) 880 220 55 14

### Golight Stryker Halogen - with remote controller



- Beam Distance 894m
- UV, Water Resistant
- Halogen Light Source
- Wireless Handheld (Remote)
- 370° Rotation, 135° Tilt
- Quick Start-up time

| Code    | Size (mm)       | Material    | Supply Voltage | Control   | Beam |
|---------|-----------------|-------------|----------------|-----------|------|
| GO-3051 | 190 x 178 x 185 | ASA Polymer | 12VDC          | Motorised | Spot |



Peak beam intensity: 200,000 Candela  
Maximum beam distance: 894m/2,933ft  
Beam angle: 10°

HID Spare Lamp GO-39000

ILLUMINANCE (Lux) 320 80 20 5

# INDUSTRIAL DC LED WORK LIGHT IP68



- Die-cast Aluminium housing and a tough polycarbonate lens
- Prime drive for enhanced reliability and output
- Intergrated thermal management and highly developed heatsink design, these lights can survive in the scorching heat of mines and still keep their cool

| Code         | Wattage            | Voltage  | Beam Angle | Lumens | Size (mm)          |
|--------------|--------------------|----------|------------|--------|--------------------|
| MIL-RXP1210T | 60W (5W x 12LED's) | 10-32VDC | 10°        | 5916lm | 11.2 x 10.2 x 12.7 |
| MIL-RXP1240T | 60W (5W x 12LED's) | 10-32VDC | 40°        | 5916lm | 11.2 x 10.2 x 12.7 |
| MIL-RXP1260T | 60W (5W x 12LED's) | 10-32VDC | 60°        | 5916lm | 11.2 x 10.2 x 12.7 |



# HIGH POWER - WIRELESS REMOTE CONTROLLED WORK LIGHTS



### LED

- Beam Distance 300m
- Hand Held Wireless Remote Control
- **IP66**
- 360° Horizontal and 120° Vertical Control
- Light Output 5000lm
- Fitted with Extra Strong Magnets (Secure up to 100kmh)
- Colour Temperature 6000k

| Code   | Size (mm)      | Material                  | Lens Material  | Supply Voltage | Watts | Control   | Beam |
|--------|----------------|---------------------------|----------------|----------------|-------|-----------|------|
| SM2109 | 18 x 150 x 230 | High Impact Nylon Plastic | Hardened Glass | 10-30VDC       | 50W   | Motorised | Spot |



### HID

- Beam Distance 1km
- 200m Hand Held Wireless Remote Control
- **IP65**
- 360° Horizontal and 120° Vertical Control
- Light Output 4300lm
- Fitted with Extra Strong Magnets (Secure up to 100kmh)
- Colour Temperature 6000k

| Code   | Size (mm)       | Material                | Lens Material  | Supply Voltage | Watts | Control   | Beam |
|--------|-----------------|-------------------------|----------------|----------------|-------|-----------|------|
| SM2039 | 455 x 214 x 455 | High Impact ABS Plastic | Hardened Glass | 12VDC          | 60W   | Motorised | Spot |

Spare Lamp: H3HID-55-12VDC

# DC HALOGEN WORK LIGHTS IP65



| Code         | E91001        | E91026           | E91064           |
|--------------|---------------|------------------|------------------|
| Size mm      | 12500 x 75(D) | 100 x 100 x 84   | 160 x 110 x 110  |
| Material     | Rubber PAR36  | Reinforced Nylon | Reinforced Nylon |
| Voltage VDC  | 12            | 12               | 12V              |
| Lamp 12V     | H3-55-12VDC   | H3-55-12VDC      | H3-55-12VDC      |
| No. of Lamps | 1             | 1                | 2                |
| Beam Type    | Flood         | Spot             | Flood            |

Incandescent Work Lights (Halogen) Bulbs must be ordered separately

# HID WORK LIGHTS IP65



| Code        | RB-H301A        | RB-H301B        | RB-H302A        | RB-H302B        |
|-------------|-----------------|-----------------|-----------------|-----------------|
| Size mm     | 120 x 120 x 150 | 120 x 120 x 150 | 105 x 105 x 130 | 105 x 105 x 130 |
| Material    | ABS Plastic     | ABS Plastic     | ABS Plastic     | ABS Plastic     |
| Voltage VDC | 12              | 24              | 12              | 12              |
| Wattage     | 35              | 55              | 35              | 55              |
| Beam Type   | Flood           | Spot            | Flood           | Spot            |
| Lamp Type   | H3HID-35-12VDC  | H3HID-55-24VDC  | D2H-35-12VDC    | D2H-55-12VDC    |

HID Work Lights - Bulbs must be ordered separately



# AUTOMOTIVE LED LIGHTS

## High Power Day Time Running LED (DRL) 12V

LED Colour:  
Pure White  
5000K



| Code       | H3-CM9 | H4-CM18 | H7-CM18 | H11-CM9 | HB3-CM18 | HB4-CM18 |
|------------|--------|---------|---------|---------|----------|----------|
| Lampholder | H3     | H4      | H7      | H11     | HB3      | HB4      |
| No of LEDs | 9      | 18      | 18      | 9       | 18       | 18       |
| Watts      | 1.56W  | 2.55W   | 2.55W   | 1.56W   | 2.55W    | 2.55W    |

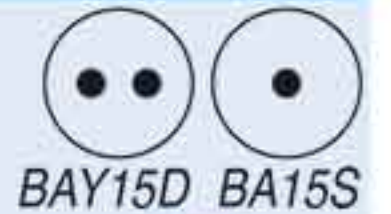
### Festoon - 12VDC



### BA9S - 12VDC



### T25mm - 12VDC



| Code        | S10-31-6-1210W | S10-36-2-5050W | S10-41-3-5050W | T9-1-10W-BA9S | T11-5-5050W-* | T11-9-5050W-BA9S | T25-39-1210W-* | T25-48-1210W-* |
|-------------|----------------|----------------|----------------|---------------|---------------|------------------|----------------|----------------|
| Range       | 10 x 31mm      | 10 x 36mm      | 10 x 41mm      | 9mm           | 11mm          | 11mm             | T25mm          | T25mm          |
| No. of LEDs | 6              | 2              | 3              | 1             | 5             | 9                | 39             | 48             |
| Watts       | 0.65W          | 0.43W          | 0.5W           | 0.5W          | 0.85W         | 1.5W             | 2.1W           | 2.64W          |
| View Angle  | 120°           | 120°           | 120°           | 120°          | 300°          | 300°             | 300°           | 300°           |

\*Add required base fitting to code: **BA9S, E10**

\*Add required base fitting to code: **BA15S, BAY15D**

### W2.1x9.5D 12VDC



### T20mm - 12VDC



| Code        | T9-W-1-8W | T11-W-1-85W | T11-W-9-5050W | T15-W-15-3W | T20-13-5050W-* | T20-18-5050W-* | T20-24-5050W-* |
|-------------|-----------|-------------|---------------|-------------|----------------|----------------|----------------|
| Range       | T9mm      | T11mm       | T11mm         | T15mm       | T20mm          | T20mm          | T20mm          |
| No. of LEDs | 1         | 1           | 9 (3 chips)   | 9           | 13             | 18             | 24             |
| Watts       | 0.25W     | 1W          | 1.5W          | 1.2W        | 2.1W           | 2.4W           | 2.8W           |
| View Angle  | 30°       | 120°        | 300°          | 60°         | 300°           | 300°           | 300°           |

\*Add base to code: **BA15S, BAY15D** (for T20-13 add **WEDGE**)

### Panel LEDs



| Code        | DHY-CE121-*/2                              | DHY-CE122-*/2 |
|-------------|--|---------------|
| Lampholder  | BA15S                                      | BA15D         |
| Colour      | *Add colour to code: ● R, ● Y, ○ W         |               |
| No. of LEDs | 19   | 19            |
| Watts       | 1.5W                                       | 1.5W          |
| Voltage     | *Add to Code: <b>12VDC</b> or <b>24VDC</b> |               |



### 12VDC Electronic LED Flasher & Load Resistor Kit

| Code      | Description                  | Application       |
|-----------|------------------------------|-------------------|
| CF13GL-02 | 3 Pin LED Flasher Unit       | German/ European  |
| CF13JL-02 | 3 Pin LED Flasher Unit       | Japanese Cars     |
| CF18ALT   | 8 Pin LED Flasher Unit       | Newer Toyota Cars |
| EP27L-1   | 5 Pin LED Flasher Unit       | SUVs and Trucks   |
| EP29L-1   | 4 Pin LED Flasher Unit       | GM Cars           |
| R-25W25   | 25W LED load resistor, 25ohm | Universal Type    |
| R-50W6    | 50W LED load resistor, 6ohm  | Universal Type    |
| R-50W10   | 50W LED load resistor, 10ohm | Universal Type    |
| R-50W24   | 50W LED load resistor, 24ohm | Universal Type    |

Note: Use to solve (Non-bulb burnt out warning)



## XENON-HID HEADLAMP CONVERSION KITS

### Headlamp Conversion Kits - 12VDC

Kit includes HID Lamps, ballasts & wiring to interface with the vehicle

- Colour Temp 6000K
- ±2800 Lumens
- Working Voltage: 9-16VDC



| Code  | Bulb Type | Power | Spare Lamp Code | Spare Ballast Code | Canbus Compatible |
|---|-----------|-------|-----------------|--------------------|-------------------|
| <b>Single Beam Kits - Xenon HID</b>                     |           |       |                 |                    |                   |
| H1KIT-35  | H1        | 35W   | H1HID-35-12VDC  | B891-35W           | No                |
| H1KIT-55  | H1        | 55W   | H1HID-55-12VDC  | B891-55W           | No                |
| H3KIT-35  | H3        | 35W   | H3HID-35-12VDC  | B893-35W           | No                |
| H3KIT-55  | H3        | 55W   | H3HID-55-12VDC  | B893-55W           | No                |
| H4-1KIT-35  | H4-1      | 35W   | H4-1-35-12VDC   | BMINI-35W          | No                |
| H7KIT-35  | H7        | 35W   | H7HID-35-12VDC  | BCAN-35W           | Yes               |
| H11KIT-35   | H11       | 35W   | H11HID-35-12VDC | BCANS-35W          | Yes               |
| <b>Double Beam Kits - Xenon HID Low &amp; High Beam</b> |           |       |                 |                    |                   |
| H4H/LKIT-35   | H4-3 H/L  | 35W   | H4H/L-35-12VDC  | BMINI-35W          | No                |
| H6DKIT-35*  | H6 H/L    | 35W   | H6HID-35        | B891-35W           | No                |

\*H6 Kit is suitable for motorcycles and consists of one lamp, one ballast and the necessary wiring

## HALOGEN LAMPS



| Type         | H1       |          | H3          |               | H4          | H7             | HB3         | HB4      |           |           |
|--------------|----------|----------|-------------|---------------|-------------|----------------|-------------|----------|-----------|-----------|
| <b>Watts</b> | 35W      | 55W      | 35W         | 55W           | 70W         | 100W           | 60/55W      | 55W      | 65W       | 55W       |
| 6VDC         | -        | -        | H3-35-6VDC  | H3-55-6VDC    | -           | -              | -           | -        | -         | -         |
| 12VDC        | H1-35-12 | H1-55-12 | H3-35-12VDC | H3-55-12VDC/2 | -           | H3-100-12VDC/2 | H4-60/55-12 | H7-55-12 | HB3-65-12 | HB4-55-12 |
| 24VDC        | H1-35-24 | H1-55-24 | -           | H3-55-24VDC/2 | H3-70-24VDC | -              | H4-60/55-24 | H7-55-24 | HB3-65-24 | HB4-55-24 |

NEW

## LED HEADLIGHT REPLACEMENT LAMPS

|                                      |                |           |           |                |             |                 |
|--------------------------------------|----------------|-----------|-----------|----------------|-------------|-----------------|
| Box Set containing 2 x LED Headlamps | <b>H1</b>      | <b>H3</b> | <b>H7</b> | <b>9005</b>    | <b>9006</b> | <b>H4-H/L/O</b> |
|                                      |                |           |           |                |             |                 |
| <b>Code</b>                          | F2-H1          | F2-H3     | F2-H7     | F2-HB3         | F2-HB4      | F2-H4           |
| Watts                                | 15 - 20W       |           |           | 20 - 30W       |             |                 |
| Supply Voltage                       | 12 - 24VDC     |           |           | 12 - 24VDC     |             |                 |
| Current                              | 1.6 - 1.2A     |           |           | 2.5 - 2A       |             |                 |
| Lumens                               | 2600 - 3200lms |           |           | 3200 - 3500lms |             |                 |
| Colour Temperature                   | 6500K          |           |           | 6500K          |             |                 |



## WARNING / EMERGENCY LIGHTBARS

- Up to 17 user selectable flash patterns.
- Mounting kit and flash controller included.
- High intensity LED's ensures maximum light output.
- Flash rate varies dependant on flash pattern
- Modular system allows custom colour combinations to be created e.g. Red/Blue

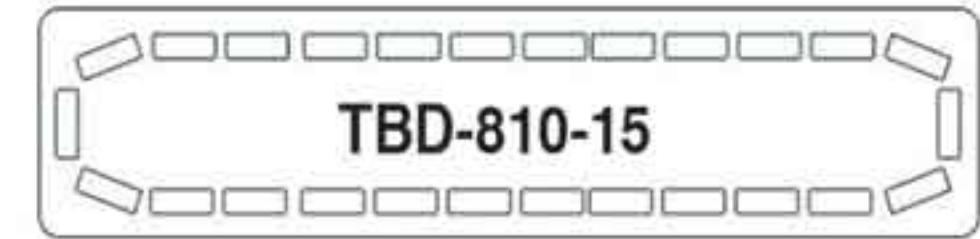
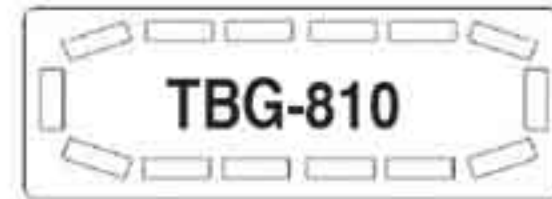


TBG-601



TBD-810 Series

### LED Configurations



| Code              | TBG-601-*                        | TBG-810-1-*       | TBD-810-12-**-**                | TBD-810-15-**-**  |
|-------------------|----------------------------------|-------------------|---------------------------------|-------------------|
| Voltage           | 10 to 30VDC                      | 10-30VDC          | 12V or 24VDC                    | 12V or 24VDC      |
| Current           | 3.5-7A                           | 4.9-9.8A          | 7.7-15A                         | 9.1-18.5A         |
| LED Modules       | 8 x (4x1W LED's)                 | 14 x (4x1W LED's) | 22 x (4x1W LED's)               | 26 x (4x1W LED's) |
| Watts             | 32Watt                           | 56Watt            | 88Watt                          | 104Watt           |
| Size LxHxD (mm)   | 440 x 220 x 80                   | 600 x 310 x 100   | 1200 x 310 x 130                | 1500 x 310 x 130  |
| Weight (Kg)       | 2.8kg                            | 4.5 kgs           | 8kgs                            | 10.5kgs           |
| Flash             | 8 Patterns                       |                   | 15 Patterns                     |                   |
| Controller        | Cigarette plug+switch (Included) |                   | 58K (Included)                  |                   |
| Mounting          | Magnet feet (Included)           |                   | Bracket Mounting Kit (Included) |                   |
| Upper lens colour | Clear                            |                   | Clear                           |                   |
| Bottom Lens       | N/A                              | Clear             | Clear                           |                   |

\* Add colour to code: ○ W (White), ● R (Red), ● A (Amber), ● B (Blue) \*\* Add voltage to code: 12(12VDC), 24(24VDC)

### Spares



| Code        | TBG-2BC                      | 601DZ-*                                   | 810LG                             | 58K-**-**                       | 810DZ-15-**-**                  |
|-------------|------------------------------|---|-----------------------------------|---------------------------------|---------------------------------|
| Description | TBG Series Plug + Controller | Spare LED Module for TBG Series (0-30VDC) | Spare Mounting Kit for TBD Series | Spare Controller for TBD Series | Spare LED Module for TBD Series |

\* Add colour to code: ○ W (White), ● R (Red), ● A (Amber), ● B (Blue) \*\* Add to code: 12(12VDC), 24(24VDC)

## SELF ADHESIVE DIRECTIONAL LED LIGHTS

\* Add colour to code:

- C (Clear)
- R (Red)
- A (Amber)
- B (Blue)



| Code                | ED0002*      | ED0003*      | ED0004*      |
|---------------------|--------------|--------------|--------------|
| Voltage             | 12-24VDC     | 12-24VDC     | 12 to 24VDC  |
| Flash Rate          | 75FPM        | 75FPM        | 75FPM        |
| Amps                | 0,45         | 0,45         | 0,9          |
| No. Of LED          | 3 x 1W       | 3 x 1W       | 6 x 1W       |
| Size (mm) H x L x D | 26 x 60 x 11 | 49 x 44 x 11 | 54 x 41 x 11 |

- Easy installation & Compact Design
- Self adhesive - peel and stick

- High intensity LED's
- Sticks to any flat surface

- Bright visible warning light - Quad Flash
- Tough polycarbonate body and lens

- 1 x 7mm hole required for cable

## DAY TIME RUNNING LIGHTS



### Day Time Running LEDS - IP66

| Code     | Size (mm) L x W x H | Mounting | Supply Voltage |
|----------|---------------------|----------|----------------|
| C2-98-*  | 90 x 25 x 15        | Flush    | 12 - 24VDC     |
| C2-104-* | 176 x 25 x 15       | Flush    | 12 - 24 VDC    |

\* Add colour ○ CW (Cool White), ● R (Red), ● Y (Yellow), ● BL (Blue), ● GR (Green)

### Accessories

| Code       | Description                      | Colour   |
|------------|----------------------------------|----------|
| C2-98-B-BK | Surface Mounting Bezel for C2-98 | ● Black  |
| C2-98-B-CH | Surface Mounting Bezel for C2-98 | ● Chrome |

Shown in Chrome Mounting Bezel

LIT



## LED MOTOR VEHICLE LIGHTS IP66

| LED Motor Vehicle Lights                                      |                                   |                                   |                         |                                   |                              |                              |
|---|-----------------------------------|-----------------------------------|-------------------------|-----------------------------------|------------------------------|------------------------------|
| Material:<br>UV Resistant Polycarbonate<br>c/w Lead out Cable |                                   |                                   |                         |                                   |                              |                              |
| <b>Code</b>   | <b>LTL0801ARW</b>                 | <b>LTL1002ARW</b>                 | <b>LJL6031AR</b>        | <b>LJL6031ARW</b>                 | <b>LTL1001*</b>              | <b>LTL1002*</b>              |
| Size (mm)   | 343.3L x 120.9H x 28.8D           | 356L x 134H x 36D                 | 391L x 130H x 40D       | 603L x 130H x 40D                 | 120.8L x 146H x 28.8D        | 106L x 134H x 36D            |
| Function  | Indicator + Stop + Reverse + Tail | Indicator + Stop + Reverse + Tail | Indicator + Stop + Tail | Indicator + Stop + Reverse + Tail | Indicator or Stop or Reverse | Indicator or Stop or Reverse |
| Wattage   | 6W                                | 8W                                | 6.5W                    | 11.5W                             | 2.5W                         | 2.2W                         |
| Voltage   | 10-30VDC                          | 10-30VDC                          | 10-30VDC                | 10-30VDC                          | 10-30VDC                     | 10-30VDC                     |
| No of LED   | 108                               | 52                                | 48                      | 72                                | 49                           | 16                           |

\* Add colour to code: ○ WH (White - Clear), ● R (Red), ● A (Amber)

| <b>Code</b> | <b>LTL1072*</b>              | <b>LTL1000*</b>              | <b>LTL0635*</b>                      | <b>LCL0602*</b>                       | <b>ZD-168*-*</b>         | <b>ZD-173-*</b>           |
|-------------|------------------------------|------------------------------|--------------------------------------|---------------------------------------|--------------------------|---------------------------|
| Size (mm)   | 138Ø x 43.5                  | 100Ø x 41.2                  | 63.5Ø x 29                           | 60L x 30H x 20D                       | Ø140 x 80D               | 30H x 180W x 20D          |
| Function    | Indicator or Stop or Reverse | Indicator or Stop or Reverse | Indicator or Stop or Reverse or Tail | Indicator or Tail Light or Side Light | Rear or Brake or Reverse | Rear or Brake / Indicator |
| Wattage     | 1.5W                         | 2.5W                         | 2.5W                                 | 1.5W                                  | 1.1W (30x0.05W)          | 1.1W (22x0.05W)           |
| Voltage     | 10-30VDC                     | 10-30VDC                     | 10-30VDC                             | 10-30VDC                              | 12VDC / 24VDC            | 12VDC / 24VDC             |
| No of LED   | 12                           | 15                           | 12                                   | 4                                     | 30                       | 22                        |

\* Add colour to code: ○ WH (White - Clear), ● R (Red), ● A (Amber)

\* Add voltage to code: 12(12VDC), 24 (24VDC)

| <b>Code</b> | <b>LCL1101A</b>  | <b>LTL2152*</b>                     | <b>LTL1061*</b>                                | <b>LPL0800</b>           | <b>LTL3600R</b>     |
|-------------|------------------|-------------------------------------|--|--------------------------|---------------------|
| Size (mm)   | 100L x 43H x 12D | 195L x 50H x 32D                    | 106L x 99H x 42D                               | 98L x 40H x 46D          | 330L x 40H x 22D    |
| Function    | Indicator        | Indicator + Stop + Tail + Reverse   | Indicator + Stop + Tail + (RNP + Number Plate) | Number Plate White LED's | LED Brake Light Red |
| Wattage     | 0.8W             | 6W                                  | 3W   | 2W                       | 2W                  |
| Voltage     | 10-30VDC         | 10-30VDC                            | 12VDC  | 10-30VDC                 | 10-30VDC            |
| No of LED   | 4                | 24                                  | 23   | 6                        | 18                  |
| Position    | -                | *Add to code<br>L = Left, R = Right | *Add to code<br>-L = Left, RNP = Right         | -                        | -                   |

## REFLECTORS AND COLLAPSABLE TRAFFIC SAFETY

| <b>Code</b> | <b>RF2600R</b>    | <b>RF8530*</b>     | <b>PP30</b>                      | <b>PP45</b>     | <b>PP70</b>     | <b>7595</b>    |
|-------------|-------------------|--------------------|----------------------------------|-----------------|-----------------|----------------|
| Size (mm)   | 171L x 171H x 17D | 88.6L x 34.6H x 9D | 19L x 19H x 30D                  | 24L x 24H x 45D | 32L x 32H x 70D | -              |
| Function    | Reflector         | Reflector          | Collapsible Traffic Safety Cones |                 |                 | LED Cone Light |

\* Add colour to code: ● R (Red), ● A (Amber), ○ W (White)



## SELF-ADHESIVE TAPES & REFLECTORS

| Tapes          | Reflective Tape                                     |  |                            |                        |                      |
|----------------|---|--|----------------------------|------------------------|----------------------|
|                |   |  |                            |                        |                      |
| <b>Code</b>    | <b>JT-RT-LR-SA48-50-*</b>                           | <b>JT-RT-LR-SA48-50-HC-*</b>               | <b>465-4K</b>              | <b>468K</b>            | <b>467-4K</b>        |
| <b>Details</b> | Standard Reflective Tape<br>Double colour available | Honeycomb Reflective Tape - Single colours | White 178mm<br>Red 279.2mm | Red                    | White                |
| <b>Size</b>    | 48mm x 50m  | 48mm x 50m                                 | 4 x (50.8mm x 457.2mm)     | 8 x (36.5mm x 457.2mm) | 4 x (50.8mm x 300mm) |

\*Add colour to code: ● **A** (Amber), ● **R** (Red), ● **G** (Green), ● **Y** (Yellow), or ○ **W** (White)

| Plastic Rigid    |                    |                    |                    |               |                    |
|------------------|--------------------|--------------------|--------------------|---------------|--------------------|
|                  |                    |                    |                    |               |                    |
| <b>Code</b>      | <b>V475-*</b>      | <b>V480-*</b>      | <b>V483-*</b>      | <b>V484-*</b> | <b>V487-*</b>      |
| <b>Size (mm)</b> | Ø81                | 111 x 48           | 81 x 36            | 81 x 42       | 111 x 29           |
| <b>Unit</b>      | 1 Per Blister Pack | 2 Per Blister Pack | 2 Per Blister Pack | Each          | 2 Per Blister Pack |

\*Add colour to code: ● **A** (Amber), ● **R** (Red)

| Plastic Flexible |               |                    |               |               |   |
|------------------|---------------|--------------------|---------------|---------------|---|
|                  |               |                    |               |               |   |
| <b>Code</b>      | <b>V489-*</b> | <b>V490-*</b>      | <b>V491-*</b> | <b>V492-*</b> | <b>V493K-*</b>                              |
| <b>Size (mm)</b> | 70 x 43       | Ø73                | 110 x 40      | 110 x 20      | Blister Pack contains 2 each: 490, 491, 492 |
| <b>Unit</b>      | Each          | 2 per Blister Pack | Each          | Each          |   |

\*Add colour to code: ● **A** (Amber), ● **R** (Red)

## REFLECTIVE SAFETY VESTS



QBA-002-Y

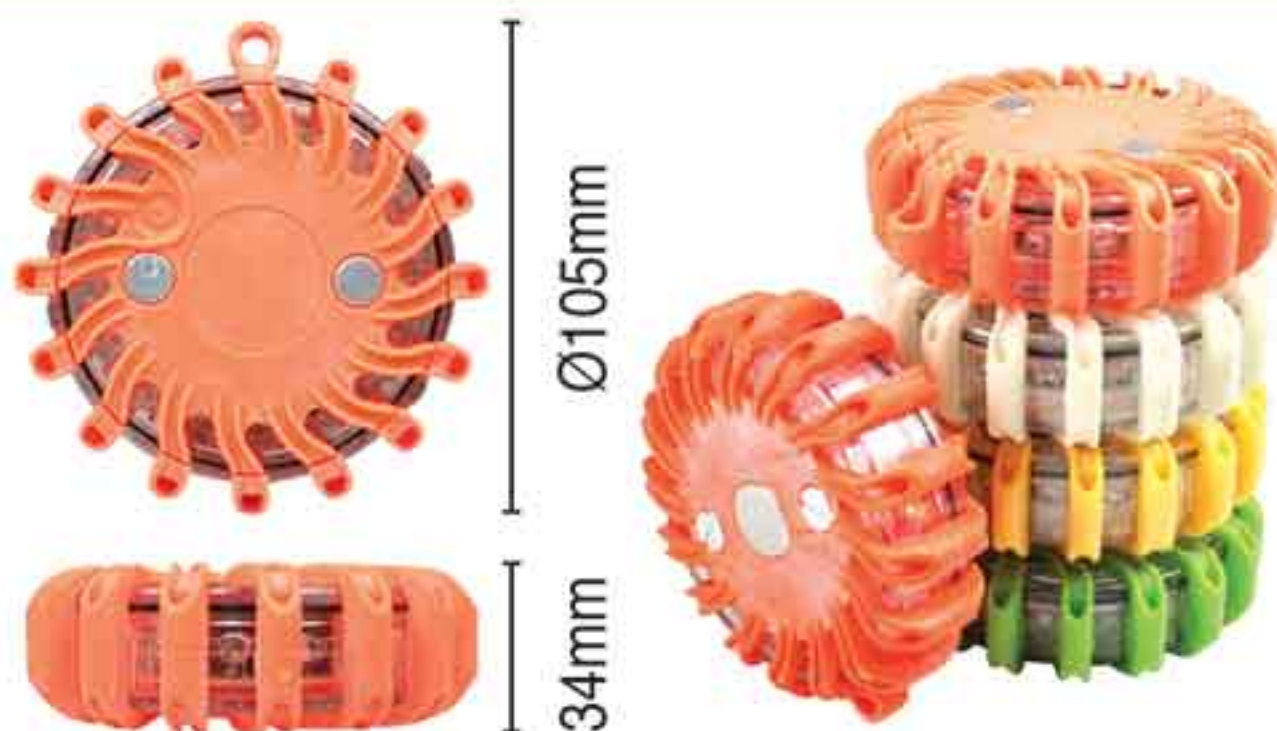


QB-LED-002-O

| Code        | QBA-002-*  | QB-LED-002-*                   |
|-------------|--|--------------------------------|
| Reflector   | 5cm Reflective Tape  | 5cm Reflective Tape & 16 LED's |
| Description | <ul style="list-style-type: none"> <li>• 100% Polyester knit material</li> <li>• Velcro Closure</li> </ul> |                                |

\*Add Colour to Code: **Y** (Fluorescent Yellow), **O** (Fluorescent Orange)

## LED EMERGENCY VEHICLE/ROAD FLARE



### LED Emergency Flare

| Code               | EMFL-*  |
|--------------------|---|
| <b>Description</b> | The EMFL emergency LED flare comes complete with 12VDC (car cigarette lighter plug) and 230VAC charging adaptors with charge indicators. 8 user selectable flash patterns. The magnetic base allows for vertical or horizontal mounting to any metal surface of a vehicle. Average battery life ± 5 years. Submersible to 5m depth. |

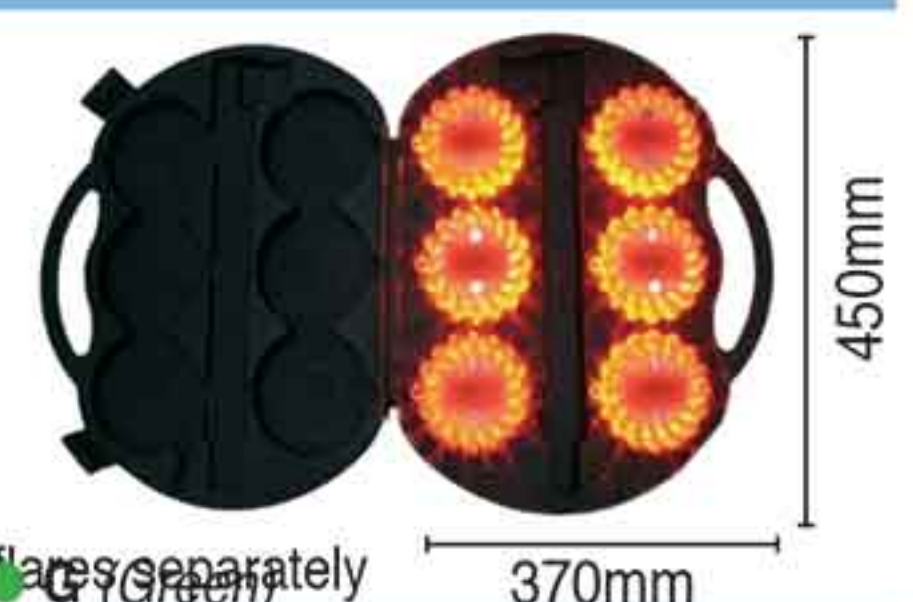
\*Add code colour to code ○ **W** (White), ● **A** (Amber), ● **Y** (Yellow), ● **G** (Green), ● **R** (Red) or ● **B** (Blue)



### Carry Charger Case

| Code               | EMFL-CASE   |
|--------------------|---|
| <b>Description</b> | Carry case for 6 LED emergency flares to be carried/charged simultaneously. |

\*Add colour to code: ● **A** (Amber), ● **Y** (Yellow), ● **R** (Red), ● **G** (Green) Order flares separately





## LED POLICE BATONS

|                        |                         |                                   |                             |                                   |
|------------------------|-------------------------|-----------------------------------|-----------------------------|-----------------------------------|
| <i>Application</i><br> | No Batteries incl.<br>  |                                   | Batteries incl.<br>         |                                   |
| <b>Code</b>            | <b>RSL-R</b>            | <b>RSL-RG</b>                     | <b>RSL-R-C</b>              | <b>RSL-RG-C</b>                   |
| <b>Mode</b>            | Red Light Flashing      | Red Light Flashing<br>Green Solid | Red Light Flashing          | Red Light Flashing<br>Green Solid |
| <b>Battery Type</b>    | 3 x 'C'                 |                                   | 3.7W 1500mA Lithium Battery |                                   |
| <b>Material</b>        | PC Tube with ABS Handle |                                   |                             |                                   |

## WHEEL CHOCK



| Code | Description | Size (cm)<br>L x W x H | Weight |
|------|-------------|------------------------|--------|
| 9080 | Wheel Chock | 15 x 8.5 x 8.5         | 0.8Kg  |
| 9081 | Wheel Chock | 22 x 14 x 9.5          | 1.9Kg  |
| 9082 | Wheel Chock | 27 x 17 x 13           | 3.1Kg  |
| 9083 | Wheel Chock | 24 x 20 x 18           | 7.2kg  |
| 9084 | Kerb Ramp   | 49 x 32 x 10           | 10Kg   |

Wheel Chock designed for maximum traction to grip tire and pavement. Contoured to fit tires, Easy grab handle area. Reinforced rubber resists sun, salt oil and acid.

## SPEED HUMP



| Code     | Description     | Size (cm)<br>L x W x H | Weight     |
|----------|-----------------|------------------------|------------|
| 9012     | Speed Hump Body | 50 x 35 x 5            | 7Kg (Pair) |
| 9012-END | End             | 17 x 35 x 5            | 5Kg (Pair) |
| 9041     | Speed Hump Body | 122 x 30 x 5           | 24Kg       |

## TUBING FOR WIRING



### Black Convoluted Tubing - Slit Tube

| Code         | Description                       |
|--------------|-----------------------------------|
| PMCT-7X10-*  | 7mm ID/10mm OD convoluted tubing  |
| PMCT-10X13-* | 10mm ID/13mm OD convoluted tubing |
| PMCT-13X16-* | 13mm ID/16mm OD convoluted tubing |
| PMCT-17X21-* | 17mm ID/21mm OD convoluted tubing |
| PMCT-22X26-* | 22mm ID/26mm OD convoluted tubing |
| PMCT-29X33-* | 29mm ID/33mm OD convoluted tubing |

The convoluted polypropolyne tube protects the wiring harness from harsh environments in the vehicle. Thanks to its ribs, it provides high crush resistance while staying very flexible. Made of thermoplastic resin, the convoluted tube has excellent chemical resistance. Tube is slit for easy installation.

\* Add to Code: **5M** (5m), **100M** (100m)

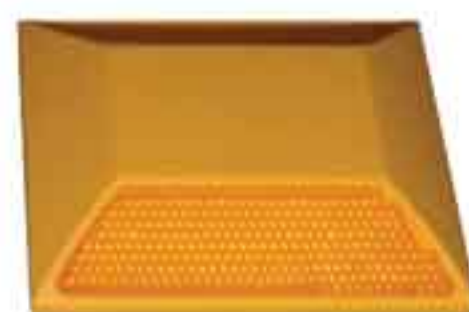
\* Add to Code: **5M** (5m), **50M** (50m)

**P3**

## GROUND MOUNT REFLECTORS

### Ground Tile Series

- Batteries Included
- Battery life: 3yrs



| Code          | RWSD-012-*        | RWSD-006-*        | †RWSD-009         | RWSD-010          | RWSD-011         |
|---------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Size (mm)     | 100L x 100W x 20H | 118L x 115W x 25H | 108L x 108W x 18H | 140L x 130W x 28H | 102L x 82W x 23H |
| Material      | PC                | PC                | PC                | Aluminium         | PC               |
| Type          | Reflector         | 4 x LED           | 4 x LED           | 4 x LED           | 4 x LED          |
| Batteries     | -                 | 1 x NiMh 700mAh   | 1 x NiMh 700mAh   | 1 x NiMh 700mAh   | 1 x NiMh 700mAh  |
| Flicker Freq. | -                 | 90/min            | 90/min            | 90/min            | 90/min           |
| Duration Time | -                 | 7 day             | 7 day             | 7 day             | 7 day            |

\*Add colour to code: ● **Y** (Yellow), ● **R** (Red), ○ **W** (White) ● **W/R** (White Body / Red LED & Refl.) †LED colour: ● **Y** (Yellow), other colours available on request



## 200mm LED TRAFFIC SIGNAL LAMPS IP54



- Excludes housing
- 200mm dia.
- Lumen >400mcd
- Vertical or horizontal assembly
- Supply Volts: 230VAC
- Ultra long life 100 000hrs

| Code      | Colour          | Type  | Watts | Type of Lens |
|-----------|-----------------|---|-------|--------------|
| V8R-400CL | ● Red           | Full Ball                                     | 15W   | Cobweb       |
| V8Y-400CL | ● Yellow        | Full Ball                                     | 15W   | Cobweb       |
| V8G-400CL | ● Green         | Full Ball                                     | 15W   | Cobweb       |
| DX200-01  | ● Red           | Full Ball                                     | 8W    | Transparent  |
| DX200-02  | ● Yellow        | Full Ball                                     | 8W    | Transparent  |
| DX200-03  | ● Green         | Full Ball                                     | 8W    | Transparent  |
| DX200-04  | → Red           | Left or right arrow (4000 cd/m <sup>2</sup> ) | 7W    | Transparent  |
| DX200-06  | → Green         | Left or right arrow (4000 cd/m <sup>2</sup> ) | 7W    | Transparent  |
| DX200-07  | ● Red           | 1 x Static red man                            | 7W    | Transparent  |
| DX200-08  | ● Green         | 1 x Static green man                          | 7W    | Transparent  |
| DX200-11  | ✕ Red           | Cross   | 7W    | Transparent  |
| DX200-09  | ● Red / ● Green | 2 Digit count down                            | 7W    | Transparent  |

### Accessories

| Code  | Description                               |
|-------|---|
| PHB-R | Round ABS Plastic Housing c/w metal visor |
| AB-PH | Mounting Bracket for PHB-R                |



|             | Traffic Light Set                 | Stop/Go Traffic Light Set | Green Arrow/Red Cross Traffic Light | Warning Traffic Light                                 |
|-------------|-----------------------------------|---------------------------|-------------------------------------|---|
|             | With Housing                      | With Housing              | with Housing                        | with Housing & Solar Panel                            |
| <b>Code</b> | <b>XHD200-3Z-3*</b>               | <b>XHD200-12*</b>         | <b>XHD200-3Z-1* (2-in-1)</b>        | <b>RW-TL200-SL/FY</b>                                 |
| Power       | R (10W) + Y (10W) + G (10W)       | R (10W) + G (10W)         | R (4W) + G (4W)                     | Lead Acid 12V/ 8Ah (incl.)<br>10W Solar panel (incl.) |
| LED Qty     | R (96pcs) + Y (96pcs) + G (96pcs) | R(168pcs) + G (168pcs)    | R (96pcs) + G (96pcs)               | 96pcs   |
| Colour      | Red + Yellow + Green              | Green + Red               | Red + Green                         | Yellow  |
| Size (mm)   | 750 x 250 x 160mm                 | 500 x 250 x 160           | 250 x 250 x 160mm                   | 430 x 340 x 450mm                                     |

\*Add voltage to code: 230VAC (86-265VAC), 12VDC, 24VDC

## 300mm LED TRAFFIC SIGNAL LAMPS IP65

|   | Traffic Light Housing | Traffic Lights   | Single Traffic Lights                    | Traffic Light Set                        | Solar Traffic Light Set                  |
|---|-----------------------|--|--|--|--|
| • High-intensity LED<br>• UV-Stabilised polycarbonate<br>• Clear lens colour<br>• Metal protection cover for lens<br>• Waterproof housing |                       |  | With Housing                             | With Housing                             | with Housing & Solar Panel               |
| <b>Code</b>   | <b>XHD-300-H</b>      | <b>OPTICA300-01-†*</b>   | <b>RW-TL300-3/1*</b>                     | <b>XHL-C6006-AC</b>                      | <b>XHL-C6006-DC</b>                      |
| Power   | -                     | 13W  | 13W                                      | 230VAC                                   | Lead Acid 12V/35Ah (incl.)               |
| LED Qty   | -                     | 168 pcs  | R(168pcs)+Y(168pcs)<br>+G(168pcs)        | R(96pcs)+Y(96pcs)<br>+G(96pcs)           | R(96pcs)+Y(96pcs)<br>+G(96pcs)           |
| Colour  | Black                 | †Add colour to code:<br>● R (Red), ● Y (Yellow),<br>● GN (Green) | ● R (Red), ● Y (Yellow),<br>● GN (Green) | ● R (Red), ● Y (Yellow),<br>● GN (Green) | ● R (Red), ● Y (Yellow),<br>● GN (Green) |
| Size (mm)   | 430 x 340 x 450mm     | 300 x 50mm   | 430 x 430 x 270mm                        | 1210 x 430 x 270mm                       | 1210 x 430 x 270mm                       |

\*Add voltage to code: 230VAC (86-265VAC) or DC (24VDC), eg. XHD-300-019-230VAC



## SOLAR ROAD LIGHTS

| Code                           |          | TEA-1B02-BH         | TEA-1B03*-BH     | TEA-1B03C-BH     | TEA-1E10A-BH        |
|--------------------------------|----------|---------------------|------------------|------------------|---------------------|
| Solar Cell                     | Power    | 2250mWp             | 350mWp           | 400mWp           | 500mWp              |
|                                | Current  | 400mA               | 85mA             | 100mA            | 125mA               |
|                                | Voltage  | 5.5V                | 4.0V             | 4.0V             | 4.0V                |
| Storage Component              | Category | NiMh Battery        | NiMh Battery     | NiMh Battery     | NiMh Battery        |
|                                | Capacity | 8000mAh             | 800mAh           | 1200mAh          | 1200mAh             |
|                                | Voltage  | 3.6V                | 2.4V             | 2.4V             | 2.4V                |
| Colour                         |          | Amber               | White            | White            | Amber               |
| Lighting Mode                  |          | Fast Flash ± 75/min | Steady On        | Steady On        | Fast Flash ± 60/min |
| Working Time after full charge |          | 80h                 | 80h              | 80h              | 30h                 |
| Size                           |          | 650 x Ø98 x 240H    | 250L x 78H x 50D | 250L x 78H x 50D | Ø103 x 150H         |
| Average life                   |          | 4 Years             | 4 Years          | 4 Years          | 4 Years             |

\*Add to code: **A** for right LED display; **B** for left LED display

## LED AVIATION OBSTRUCTION LIGHTS

### Low Intensity Aviation Obstruction Lights - IP67

Used to mark obstacles that are potentially hazardous to air traffic such as cranes, smoke stacks or radio antennae

| Code      | Supply Voltage | Power  | Size             |
|-----------|----------------|--------|------------------|
| LS810-AC  | 110 - 240VAC   | 4W     | 85Ø x 171mm      |
| LS810-DC  | 48VDC          | 4W     | 85Ø x 171mm      |
| LS810D-AC | 110-240VAC     | 2 x 4W | 335 x 85 x 278mm |
| LS810D-DC | 48VDC          | 2 x 4W | 335 x 85 x 278mm |

- Compliant to the ICAO (Aerodromes Annex 14) and FAA-L810
- Intensity: ≥ 32.5cd
- LED Colour: Red
- Flash Rate 30/40/60FPM/Steady On (set by dipswitch)
- Mounting: G3/4"
- PC Lens & Aluminium Base
- **LS810D** can be set in 2 Modes (By Dipswitch):
  1. One light on, one light standby. If main light fails second light is switched on automatically
  2. Two lights on

### Mounting Brackets

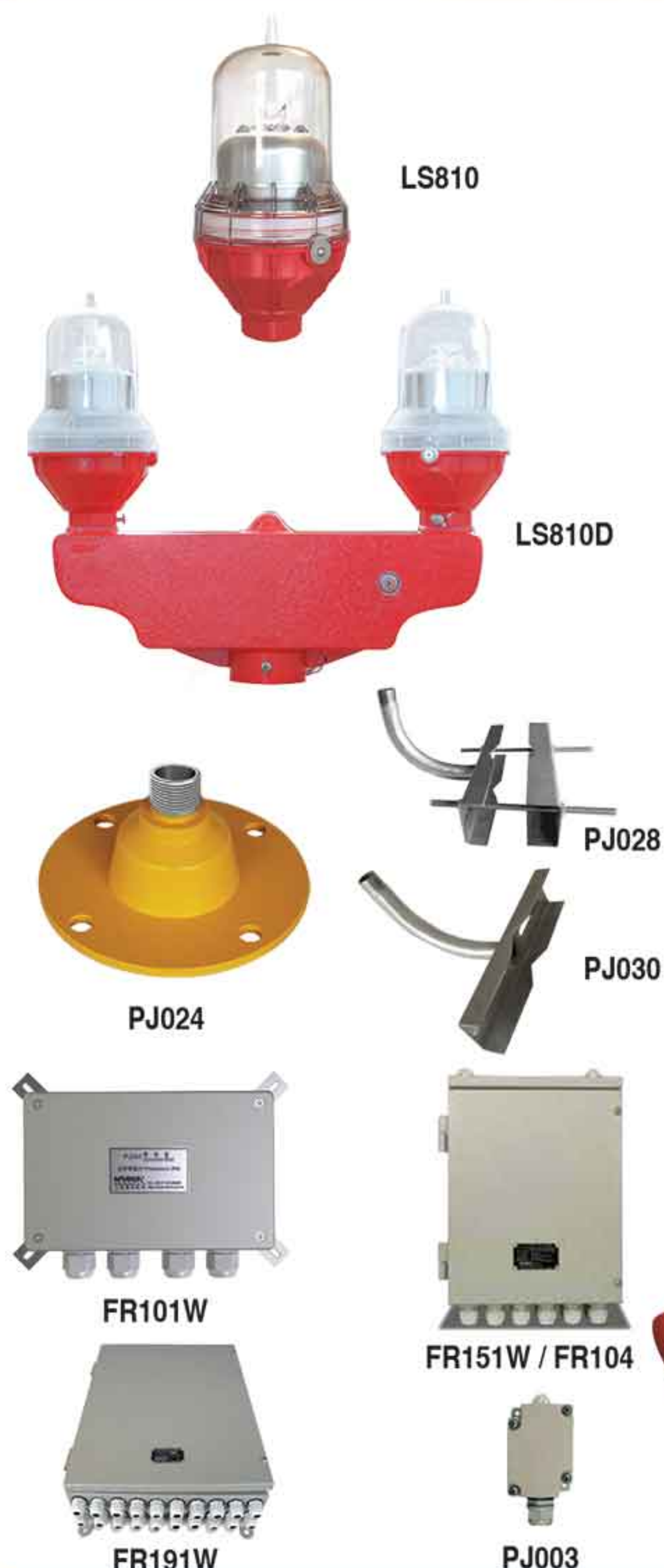
| Code  | Description             |
|-------|-------------------------|
| PJ024 | Flange Mounting Bracket |
| PJ028 | Pole Mounting Bracket   |
| PJ030 | Wall Mounting Bracket   |

### Controllers - IP65

| Code      | Description                         | Size              |
|-----------|-------------------------------------|-------------------|
| FR101W-DC | 1 Channel Controller + Photocell    | 188 x 120 x 88mm  |
| FR151W-AC | 4 Channel Controller + Photocell    | 300 x 230 x 125mm |
| FR191W-*  | 8 Channel Controller + Photocell    | 465 x 360 x 125mm |
| FR104-*   | 4 Channel Controller                | 300 x 300 x 125mm |
| PJ003     | Photo-cell for use with controllers | 60 x 127 x 44mm   |

\*Add voltage to code: **AC** (240VAC/240VAC), **DC** (48VDC/48VDC), **AC/DC** (240VDC/48VDC)

- Combination with photocell allows daylight switching of obstruction lights
- Multi-channel controllers enable synchronisation of multiple lights
- Fault Alarm Function: When any light fails an alarm output is activated





# LED ROAD LIGHTING

## Solar Powered Road-Side Warning Lights

|              |                                   |                      |                      |                      |                      |                      |                      |
|--------------|-----------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Single Sided |                                   | Double Sided         |                      | Pole Mount<br>Ø 26mm |                      | Pole Mount<br>Ø 50mm |                      |
| <b>Code</b>  | <b>RH-4803-Y</b>                  | <b>RH-4804-Y</b>     | <b>RH-4804-Y</b>     | <b>RH-4603-Y</b>     | <b>RH-4603-Y</b>     | <b>H-931-Y</b>       | <b>H-931-Y</b>       |
| Battery Inc. | 1.5V/1200mAh (Ni-Cd)              | 1.5V/1200mAh (Ni-Cd) | 1.5V/1200mAh (Ni-Cd) | 1.2V/1800mAh (Ni-Cd) | 1.2V/1800mAh (Ni-Cd) | 2V/2.5Ah (Lead-Acid) | 2V/2.5Ah (Lead-Acid) |
| LED Qty      | 2 pc (8mm)                        | 2 pc (8mm) x 2       | 2 pc (8mm) x 2       | 6 (10mm)             | 6 (10mm)             | 8 x 1 (5mm)          | 8 x 1 (5mm)          |
| Flash Rate   | 65 Flashes/min                    | 65 Flashes/min       | 65 Flashes/min       | 150 Flashes/min      | 150 Flashes/min      | 120 Flashes/min      | 120 Flashes/min      |
| Size (mm)    | 326 x 163 x 29                    | 326 x 163 x 29       | 326 x 163 x 29       | Ø115 x 65 x 166      | Ø115 x 65 x 166      | Ø386 x 100           | Ø386 x 100           |
| Colour       | Yellow (other colours on request) |                      |                      |                      |                      |                      |                      |

## Solar Powered LED Warning Beacons IP65

|              |   |                           |                     |                      |
|--------------|---|---------------------------|---------------------|----------------------|
|              |   |                           |                     |                      |
| <b>Code</b>  | <b>XHL-C6009-2-*†</b>   | <b>XHL-C6009-1-*†</b>     | <b>XHL-R005</b>     | <b>XHL-R007</b>      |
| Battery Inc. | 6V/ 10Ah (Lead-Acid)  | 6V/ 20Ah (lead-Acid)      | 6V/17Ah (Lead-Acid) | 6V/17Ah (Lead-Acid)  |
| LED Qty      | 33 (5mm)  | 60 (5mm)                  | 29                  | 46                   |
| Flash Rate   | 60 Flashes/ min   | 60 Flashes/ min (flowing) | 24 Flashes/min      | 24Flashes/min        |
| Size (mm)    | 750 x 600 x 60  | 1600 x 480 x 60           | 400H x 600W         | 400H x 600W          |
| Colour       | *Add LED colour to code: ● Y (Yellow), ● R (Red)<br>†Add arrow direction: L (Left), R (Red) |                           | Black and Amber     | Black, Amber and Red |

|  |                          |   |
|--|--------------------------|---|
| <b>IP68</b>  |                          |   |
| <b>Code</b>  | <b>HAN700-*</b>          | <b>SSL-CL9-* **</b>   |
| Light Intensity  | 25Candela                | Solar Panel 5.5V/55mA Mono Crystalline Silicone                         |
| Controls   | On/Off-Intensity-Pattern | Battery 3.6V/1400mAh  |
| Light Intensity  | 25 / 50 / 75 / 100%      | Visibility ±1000m   |
| Light Pattern  | Flash or Steady          | Effective Light 5 Lumens (2200mcd)                                      |
| Range 360°   | Flash 7Km / Steady 4Km   | Size 123 x 102mm  |
| Solar Cell   | 2Wp                      | *Add colour to code: ● Y (Yellow), ● R (Red), ● BL (Blue), ● OW (White) |
| Battery  | 8AH                      | **Add operating mode to code: C=Constant On, F=Flash, R=Revolve         |
| Battery Life   | 3 - 5 Yrs                | <b>Pole Mounting Bracket</b>  |
| Size (mm)  | Ø227 x H212              | <b>Code</b> SSL-CL9-ST  |
| Approval   | EN 61547:2009            | Description For mounting Beacon to Cone or Pole                         |
| * Add colour to code: ● R (Red), ● G (Green), ● B (Blue), ● A (Amber), ● W (White) |                          |   |



## Solar Warning Light IP67 - Size: Ø166 x 155H

|                              |                   |                  |
|------------------------------|-------------------|------------------|
| <b>Code</b>                  | <b>DWS301-*</b>   | <b>DWS302-*</b>  |
| Type                         | Steady on         | Flashing         |
| Night Visibility             | 4.3km             | 4.3 - 6.3km      |
| Max Power                    | 1.1 watt          | 1.1 watt         |
| Effective Light Candela (cd) | Red 5.0-7.5 cd    | 8.0-12.0 cd      |
|                              | Amber 7.5-10.0 cd | 12.0-16.0 cd     |
|                              | Blue 3.0-4.0 cd   | 5.4-7.2 cd       |
|                              | Green 6.5-7.5 cd  | 10.4-12.0 cd     |
|                              | White 7.5-10.0 cd | 12.0-16.0 cd     |
| Battery (Nickel-Hydrogen)    | 5.0Ah NiH2        | 5.0Ah NiH2       |
| Operating Time               | 120Hrs            | 300Hrs           |
| Spare Battery                | <b>DWS30-BAT</b>  | <b>DWS30-BAT</b> |

\*Add colour to code: ● R (Red), ● A (Amber), ● BL (Blue), ● GN (Green), ● OW (White)



## LED MARINE NAVIGATION LAMPS

|                       |  |   |  |  |
|-----------------------|--|---|--|--|
|                       | <b>IP66</b><br> | <b>IP67</b><br> | <b>IP67</b><br> | <b>IP67</b><br> |
| <b>Code</b>           | <b>C2-127-*</b>  | <b>C2-128-*</b>   | <b>C2-128GR</b>  | <b>C2-0502-*</b>   |
| <b>Function</b>       | Port / Starboard / Masthead (White)  | Port / Starboard  | Port / Starboard   | Port / Starboard   |
| <b>Output Watts</b>   | 1.2W   | 2W  | 2W   | 1.32W  |
| <b>Volts</b>          | 9-33VDC  | 9-33VDC   | 9-33VDC  | 9-33VDC  |
| <b>Angle/Distance</b> | 360°/±2 Naut. Miles  | 112.5°/±2 Naut. Miles   | 112.5° + 112.5°/±2 Naut. Miles   | 112.5° /±1 Naut. Miles   |
| <b>Size (mm)</b>      | 83 x 83 x 65   | 87.5 x 78 x 50  | 87.5 x 78 x 46.2   | 78 x 53 x 37   |
| <b>Body</b>           | Polycarbonate  | Polycarbonate   | Polycarbonate  | Polycarbonate  |
| <b>Lens</b>           | PMMA   | PMMA  | Polycarbonate  | PMMA   |

\*Add colour to code: ● **R** (Red, Port), ● **G** (Green, Starboard), ○ **W** (White, Masthead)

|                       |  |   |  |  |
|-----------------------|--|---|--|--|
|                       | <b>IP67</b><br> | <b>IP67</b><br> | <b>IP67</b><br> | <b>IP67</b><br> |
| <b>Code</b>           | <b>C2-503-*</b>  | <b>C2-0510-*</b>  | <b>C2-128M</b>   | <b>C2-128S</b>   |
| <b>Function</b>       | Port / Starboard   | Port / Starboard  | Masthead (White)   | Masthead (White)   |
| <b>Output Watts</b>   | 1W (Red) / 1.5W (Green)  | 1W  | 2W   | 2W   |
| <b>Volts</b>          | 9-33VDC  | 9-33VDC   | 9-33VDC  | 9-33VDC  |
| <b>Angle/Distance</b> | 112.5°/±2 Naut. Miles  | 112.5°/±2 Naut. Miles   | 225°/±3 Naut. Miles  | 135°/±2 Naut. Miles  |
| <b>Size (mm)</b>      | 42 x 110 x 61  | 42.7 x 77 x 31.5  | 87.5 x 78 x 50   | 87.5 x 78 x 50   |
| <b>Body</b>           | Stainless Steel 316  | Polycarbonate   | Polycarbonate  | Polycarbonate  |
| <b>Lens</b>           | PMMA   | PMMA  | PMMA   | PMMA   |

\*Add colour to code: ● **R** (Red, Port), ● **G** (Green, Starboard)

|                       |  |   |  |  |
|-----------------------|--|---|--|--|
|                       | <b>IP67</b><br> | <b>IP67</b><br> | <b>IP68</b><br> | <b>IP67</b><br> |
| <b>Code</b>           | <b>C2-501</b>  | <b>C2-504</b>   | <b>C2-509</b>  | <b>C2-0511-*</b>   |
| <b>Function</b>       | Docking Light  | Masthead & Decklight  | Underwater Light   | Stern (White) / Towing (Amber)   |
| <b>Output Watts</b>   | 7.5W   | 6W  | 12W  | 1.0W   |
| <b>Volts</b>          | 9-33VDC  | 9-33VDC   | 9-33VDC  | 9-33VDC  |
| <b>Angle/Distance</b> | 15°/35m  | 225°/±3 Naut. Miles   | -  | 135°/±2 Naut. Miles  |
| <b>Size (mm)</b>      | 248 x 150 x 124.1  | 195 x 140 x 61  | Ø126.5 x 32  | 77 x 50 x 18.5   |
| <b>Body</b>           | Polycarbonate  | PA66  | Stainless Steel 316  | Polycarbonate  |
| <b>Lens</b>           | Polycarbonate  | Polycarbonate   | Polycarbonate  | Polycarbonate  |

\*Add colour to code: ○ **W** (White, Stern Light), ● **A** (Amber, Towing Light)



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