

**Description**

IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. One cable entry.

Optical accessories are factory-installed. To be specified at time of ordering.

6-12W / 120V / 0-10V Dimming.  
6W / 24V DC / 0-10V Dimming. (available upon request)

Contact the factory for 277V or 347V options.

**Specifications**

**Material description**

|                    |                                |                                  |                                 |                              |
|--------------------|--------------------------------|----------------------------------|---------------------------------|------------------------------|
| Colors             | <b>RAL9004</b><br>Signal black | <b>RAL9007</b><br>Grey aluminium | <b>RAL9016</b><br>Traffic white | <b>RAL8019</b><br>Grey brown |
| Ingress protection | IP66                           |                                  |                                 |                              |
| Impact resistance  | IK08                           |                                  |                                 |                              |








**Electrical description**

|                   |   |
|-------------------|---|
| Power supply      | 120-277VAC/50-60 Hz (24V DC available upon request)                                     |
| Driver / Ballast  | Integral [ECG] electronic driver 120V-277V. (24VDC low voltage, available upon request) |
| Energy efficiency | 0-10V Dimming as standard   |



**Additional information**



|                   |  |
|-------------------|--|
| Diameter (inches) | 3.40   |
| Listings          | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |
| Windage           | 0.269 ft <sup>2</sup>                                      |
| Lifetime          | Ta=25°/40° L90B10 > 90000h                                 |

**Options**

| Light distribution  | Color temperature   | Nominal Watt       |
|---|---|--------------------|
|  [B]    |  2700K | 6 W<br>9 W<br>12 W |
|  [M]    |  3000K |                    |
| [ ]   |  4000K |                    |
|  [EE]  |   |                    |
|  [EES] |   |                    |

**Configurations**

| Light distribution  | Part ID  | Light source    | Delivered lumens | Rated input power | CRI |    |
|---|--|-----------------|------------------|-------------------|-----|----|
| [ ]   | 145-7651   | LED-3/6W/4000K  | 646.6 lm         | 6 W               | 80  |    |
|   | 145-7651   | LED-3/6W/4000K  | 646.6 lm         | 6 W               | 80  |    |
| <br>[B] | 145-7636   | LED-3/6W/2700K  | 595.4 lm         | 6 W               | 80  |    |
|   | 145-7639   | LED-3/6W/3000K  | 595.4 lm         | 6 W               | 80  |    |
|   | 145-7642   | LED-3/6W/4000K  | 641.2 lm         | 6 W               | 80  |    |
|   | 145-7637   | LED-3/9W/2700K  | 835.8 lm         | 9 W               | 80  |    |
|   | 145-7640   | LED-3/9W/3000K  | 835.8 lm         | 9 W               | 80  |    |
|   | 145-7643   | LED-3/9W/4000K  | 893.1 lm         | 9 W               | 80  |    |
|   | 145-7638   | LED-3/12W/2700K | 1122.1 lm        | 12 W              | 80  |    |
|   | 145-7641   | LED-3/12W/3000K | 1122.1 lm        | 12 W              | 80  |    |
|   | 145-7644   | LED-3/12W/4000K | 1213.7 lm        | 12 W              | 80  |    |
|   | <br>[EE] | 145-7654        | LED-3/6W/2700K   | 605.2 lm          | 6 W | 80 |
|   |  | 145-7654        | LED-3/6W/2700K   | 605.2 lm          | 6 W | 80 |
| 145-7657  |  | LED-3/6W/3000K  | 605.2 lm         | 6 W               | 80  |    |
| 145-7657  |  | LED-3/6W/3000K  | 605.2 lm         | 6 W               | 80  |    |
| 145-7660  |  | LED-3/6W/4000K  | 651.7 lm         | 6 W               | 80  |    |
| 145-7660  |  | LED-3/6W/4000K  | 651.7 lm         | 6 W               | 80  |    |
| 145-7655  |  | LED-3/9W/2700K  | 849.6 lm         | 9 W               | 80  |    |
| 145-7655  |  | LED-3/9W/2700K  | 849.6 lm         | 9 W               | 80  |    |
| 145-7658  |  | LED-3/9W/3000K  | 849.6 lm         | 9 W               | 80  |    |
| 145-7658  |  | LED-3/9W/3000K  | 849.6 lm         | 9 W               | 80  |    |
| 145-7661  |  | LED-3/9W/4000K  | 907.8 lm         | 9 W               | 80  |    |
| 145-7661  |  | LED-3/9W/4000K  | 907.8 lm         | 9 W               | 80  |    |
| 145-7656  |  | LED-3/12W/2700K | 1140.5 lm        | 12 W              | 80  |    |
| 145-7656  |  | LED-3/12W/2700K | 1140.5 lm        | 12 W              | 80  |    |
| 145-7659  |  | LED-3/12W/3000K | 1140.5 lm        | 12 W              | 80  |    |
| 145-7659  |  | LED-3/12W/3000K | 1140.5 lm        | 12 W              | 80  |    |
| 145-7662  |  | LED-3/12W/4000K | 1233.6 lm        | 12 W              | 80  |    |
| 145-7662  |  | LED-3/12W/4000K | 1233.6 lm        | 12 W              | 80  |    |
| 145-7663  |  | LED-3/6W/2700K  | 606.3 lm         | 6 W               | 80  |    |
| 145-7663  |  | LED-3/6W/2700K  | 606.3 lm         | 6 W               | 80  |    |
| 145-7666  | LED-3/6W/3000K   | 606.3 lm        | 6 W              | 80                |     |    |

| Light distribution   | Part ID  | Light source    | Delivered lumens | Rated input power | CRI |    |
|--|--|-----------------|------------------|-------------------|-----|----|
| <br>[EES] | 145-7666   | LED-3/6W/3000K  | 606.3 lm         | 6 W               | 80  |    |
|  | 145-7669   | LED-3/6W/4000K  | 656.8 lm         | 6 W               | 80  |    |
|  | 145-7669   | LED-3/6W/4000K  | 656.8 lm         | 6 W               | 80  |    |
|  | 145-7664   | LED-3/9W/2700K  | 858.9 lm         | 9 W               | 80  |    |
|  | 145-7664   | LED-3/9W/2700K  | 858.9 lm         | 9 W               | 80  |    |
|  | 145-7667   | LED-3/9W/3000K  | 858.9 lm         | 9 W               | 80  |    |
|  | 145-7667   | LED-3/9W/3000K  | 858.9 lm         | 9 W               | 80  |    |
|  | 145-7670   | LED-3/9W/4000K  | 922 lm           | 9 W               | 80  |    |
|  | 145-7670   | LED-3/9W/4000K  | 922 lm           | 9 W               | 80  |    |
|  | 145-7665   | LED-3/12W/2700K | 1149.4 lm        | 12 W              | 80  |    |
|  | 145-7665   | LED-3/12W/2700K | 1149.4 lm        | 12 W              | 80  |    |
|  | 145-7668   | LED-3/12W/3000K | 1149.4 lm        | 12 W              | 80  |    |
|  | 145-7668   | LED-3/12W/3000K | 1149.4 lm        | 12 W              | 80  |    |
|  | 145-7671   | LED-3/12W/4000K | 1237.8 lm        | 12 W              | 80  |    |
|  | 145-7671   | LED-3/12W/4000K | 1237.8 lm        | 12 W              | 80  |    |
|  | <br>[M] | 145-7645        | LED-3/6W/2700K   | 600.4 lm          | 6 W | 80 |
|  |  | 145-7645        | LED-3/6W/2700K   | 600.4 lm          | 6 W | 80 |
| 145-7648   |  | LED-3/6W/3000K  | 600.4 lm         | 6 W               | 80  |    |
| 145-7648   |  | LED-3/6W/3000K  | 600.4 lm         | 6 W               | 80  |    |
| 145-7646   |  | LED-3/9W/2700K  | 842.9 lm         | 9 W               | 80  |    |
| 145-7646   |  | LED-3/9W/2700K  | 842.9 lm         | 9 W               | 80  |    |
| 145-7649   |  | LED-3/9W/3000K  | 842.9 lm         | 9 W               | 80  |    |
| 145-7649   |  | LED-3/9W/3000K  | 842.9 lm         | 9 W               | 80  |    |
| 145-7652   |  | LED-3/9W/4000K  | 900.6 lm         | 9 W               | 80  |    |
| 145-7652   |  | LED-3/9W/4000K  | 900.6 lm         | 9 W               | 80  |    |
| 145-7647   |  | LED-3/12W/2700K | 1131.6 lm        | 12 W              | 80  |    |
| 145-7647   |  | LED-3/12W/2700K | 1131.6 lm        | 12 W              | 80  |    |
| 145-7650   |  | LED-3/12W/3000K | 1131.6 lm        | 12 W              | 80  |    |
| 145-7650   |  | LED-3/12W/3000K | 1131.6 lm        | 12 W              | 80  |    |
| 145-7653   |  | LED-3/12W/4000K | 1224 lm          | 12 W              | 80  |    |
| 145-7653   |  | LED-3/12W/4000K | 1224 lm          | 12 W              | 80  |    |