

Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland. Second gland for through wiring on request. Integral EC electronic converter, thermally separated. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. 1-10V, DALI Interface or Eco Step Dim® on request. Maximum one internal optical accessory possible.

Optional 2200 K version up to max. 1050mA available, except version [EES]. To be specified at time of ordering.

Specifications

Material description

| | | | | |
|----------------------|---|-----------------|----------------|-----------------|
| Body | Marine-grade, die-cast aluminium alloy | | | |
| Lens | Safety glass lens | | | |
| Colours | RAL9004 | RAL9006 | RAL9016 | RAL7016 |
| | Signal black | White aluminium | Traffic white | Anthracite grey |
| | RAL9007 | | | |
| | Grey aluminium | | | |
| Gasket | Silicone CCG® Controlled Compression Gasket | | | |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware | | | |
| Ingress protection | IP66 | | | |
| Impact resistance | IK07 | | | |
| Corrosion resistance | 5CE | | | |









Electrical description

| | |
|-------------------|---|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Standard. Optional DALI version available. To be specified at time of ordering. Standard. Optional DALI version available. To be specified at time of ordering. |
| Surge protection | 6/6 kV (optional SP10) |
| Energy efficiency | C-D (Light source) |




Additional information



| | |
|----------|------------------------|
| Windage | 0.116 m ² |
| Lifetime | Ta=25° L90B10 > 90000h |

Options

| Light distribution | Colour temperature | Nominal Watt |
|---|---|--------------|
|  [M] |  3000K | 72 W |
| | | 108 W |
|  [E] |  4000K | 155 W |
| | | 144 W |
|  [EE] |  2700K | |
|  [B] | | |
|  [EES] | | |

Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|---|---|-------------------|------------------|-------------------|------|
|  [B] | 139-2257 | LED-36/72W/2700K | 8353.3 lm | 72 W | 80 |
| | 139-1955 | LED-36/72W/3000K | 8972.1 lm | 72 W | 80 |
| | 139-1956 | LED-36/72W/4000K | 9590.9 lm | 72 W | 80 |
| | 139-2254 | LED-36/108W/2700K | 12684.7 lm | 108 W | 80 |
| | 139-1959 | LED-36/108W/3000K | 13303.5 lm | 108 W | 80 |
| | 139-1960 | LED-36/108W/4000K | 13922.2 lm | 108 W | 80 |
| | 139-2230 | LED-36/155W/2700K | 15544.3 lm | 155 W | 80 |
| | 139-1963 | LED-36/155W/3000K | 16441.1 lm | 155 W | 80 |
| | 139-1964 | LED-36/155W/4000K | 17188.5 lm | 155 W | 80 |
| |  [E] | 139-2259 | LED-36/72W/2700K | 8283 lm | 72 W |
| 139-1808 | | LED-36/72W/3000K | 8896.5 lm | 72 W | 80 |
| 139-1809 | | LED-36/72W/4000K | 9510.1 lm | 72 W | 80 |
| 139-2256 | | LED-36/108W/2700K | 12577.9 lm | 108 W | 80 |
| 139-1793 | | LED-36/108W/3000K | 13191.4 lm | 108 W | 80 |
| 139-1794 | | LED-36/108W/4000K | 13805 lm | 108 W | 80 |
| 139-2231 | | LED-36/155W/2700K | 15351 lm | 155 W | 80 |
| 139-1799 | | LED-36/155W/3000K | 16236.7 lm | 155 W | 80 |
| 139-1800 | | LED-36/155W/4000K | 16974.7 lm | 155 W | 80 |
|  [EE] | | 139-2267 | LED-36/72W/2700K | 8715.9 lm | 72 W |
| | 139-2267 | LED-36/72W/2700K | 8715.9 lm | 72 W | 80 |
| | 139-1810 | LED-36/72W/3000K | 9361.6 lm | 72 W | 80 |
| | 139-1810 | LED-36/72W/3000K | 9361.6 lm | 72 W | 80 |
| | 139-1811 | LED-36/72W/4000K | 10007.2 lm | 72 W | 80 |
| | 139-1811 | LED-36/72W/4000K | 10007.2 lm | 72 W | 80 |
| | 139-2274 | LED-36/108W/2700K | 13235.3 lm | 108 W | 80 |
| | 139-2274 | LED-36/108W/2700K | 13235.3 lm | 108 W | 80 |
| | 139-1795 | LED-36/108W/3000K | 13881 lm | 108 W | 80 |
| | 139-1795 | LED-36/108W/3000K | 13881 lm | 108 W | 80 |
| | 139-1796 | LED-36/108W/4000K | 14526.6 lm | 108 W | 80 |
| | 139-1796 | LED-36/108W/4000K | 14526.6 lm | 108 W | 80 |
| | 139-2281 | LED-36/155W/2700K | 16451 lm | 155 W | 80 |
| | 139-2281 | LED-36/155W/2700K | 16451 lm | 155 W | 80 |
| | 139-1801 | LED-36/155W/3000K | 17400.1 lm | 155 W | 80 |
| | 139-1801 | LED-36/155W/3000K | 17400.1 lm | 155 W | 80 |

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|--|--|-------------------|------------------|-------------------|------|
| | 139-1802 | LED-36/155W/4000K | 18191.1 lm | 155 W | 80 |
| | 139-1802 | LED-36/155W/4000K | 18191.1 lm | 155 W | 80 |
|  [EES] | 139-3149 | LED-72/108W/2700K | 9748.4 lm | 108 W | 80 |
| | 139-3150 | LED-72/108W/3000K | 10420.7 lm | 108 W | 80 |
| | 139-3151 | LED-72/108W/4000K | 10420.7 lm | 108 W | 80 |
| | 139-3153 | LED-72/144W/2700K | 12773.8 lm | 144 W | 80 |
| | 139-3154 | LED-72/144W/3000K | 13782.2 lm | 144 W | 80 |
| | 139-3155 | LED-72/144W/4000K | 13782.2 lm | 144 W | 80 |
| |  [M] | 139-2258 | LED-36/72W/2700K | 8804.8 lm | 72 W |
| 139-2258 | | LED-36/72W/2700K | 8804.8 lm | 72 W | 80 |
| 139-1806 | | LED-36/72W/3000K | 9457 lm | 72 W | 80 |
| 139-1806 | | LED-36/72W/3000K | 9457 lm | 72 W | 80 |
| 139-1807 | | LED-36/72W/4000K | 10109.2 lm | 72 W | 80 |
| 139-1807 | | LED-36/72W/4000K | 10109.2 lm | 72 W | 80 |
| 139-2255 | | LED-36/108W/2700K | 13370.2 lm | 108 W | 80 |
| 139-2255 | | LED-36/108W/2700K | 13370.2 lm | 108 W | 80 |
| 139-1791 | | LED-36/108W/3000K | 14022.4 lm | 108 W | 80 |
| 139-1791 | | LED-36/108W/3000K | 14022.4 lm | 108 W | 80 |
| 139-1792 | | LED-36/108W/4000K | 14674.6 lm | 108 W | 80 |
| 139-1792 | | LED-36/108W/4000K | 14674.6 lm | 108 W | 80 |
| 139-2175 | | LED-36/155W/2700K | 16305.6 lm | 155 W | 80 |
| 139-2175 | | LED-36/155W/2700K | 16305.6 lm | 155 W | 80 |
| 139-1797 | | LED-36/155W/3000K | 17246.3 lm | 155 W | 80 |
| 139-1797 | | LED-36/155W/3000K | 17246.3 lm | 155 W | 80 |
| 139-1798 | | LED-36/155W/4000K | 18030.3 lm | 155 W | 80 |
| 139-1798 | | LED-36/155W/4000K | 18030.3 lm | 155 W | 80 |