

Description

IP66, Class I. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral electronic converter with DALI interface. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Variant with 2200 K or as 'Wild-Light' 2200 K combined with 3000 K with Eco Step Dim® Advanced or Motion available on request, must be specified at time of ordering.

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Including 0.5 m cable with a cable connector.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Wild-Light options available on request.

Specifications

Material description

| | | | | |
|----------------------|---|----------------|-----------------|----------------|
| Body | Marine-grade, die-cast aluminium alloy | | | |
| Lens | RFC™ Reflection Free Contour main lens | | | |
| Colours | RAL9004 | RAL9016 | RAL7016 | RAL9007 |
| | Signal black | Traffic white | Anthracite grey | Grey aluminium |
| Gasket | Silicone CCG® Controlled Compression Gasket | | | |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware | | | |
| Ingress protection | IP66 | | | |
| Impact resistance | IK08 | | | |
| Corrosion resistance | 5CE | | | |

Electrical description

| | |
|-------------------|---|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Integral electronic converter with DALI interface |
| Surge protection | 6/6 kV (optional SP10) |
| Energy efficiency | C-D (Light source) |

Additional information

| | |
|----------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
|----------|------------------------|

Options

Light distribution

Colour temperature

Nominal Watt



[S60] asymmetric, side throw



[S70] asymmetric, side throw



[A60] asymmetric, forward throw



[S65] asymmetric, side throw



[R65] rectangular, side throw



[P45L] pedestrian crossing, left-hand traffic



[P45R] pedestrian crossing, right-hand traffic



[P65] pedestrian/bicycle lane



3000K



4000K



2700K

72 W

96 W




36 W



48 W



108 W


144 W

Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|---|--|-------------------|------------------|-------------------|------|
|  <p>[A60] asymmetric, forward throw</p> | 108-2446 | LED-36/36W/2700K | 4366.4 lm | 36 W | 80 |
| | 108-1271 | LED-36/36W/3000K | 4667.5 lm | 36 W | 80 |
| | 108-1272 | LED-36/36W/4000K | 5119.2 lm | 36 W | 80 |
| | 108-2447 | LED-36/72W/2700K | 7743.5 lm | 72 W | 80 |
| | 108-1251 | LED-36/72W/3000K | 8317.1 lm | 72 W | 80 |
| | 108-1252 | LED-36/72W/4000K | 8890.7 lm | 72 W | 80 |
| | 108-2448 | LED-36/108W/2700K | 12742.1 lm | 108 W | 80 |
| | 108-2068 | LED-36/108W/3000K | 13363.6 lm | 108 W | 80 |
| | 108-2069 | LED-36/108W/4000K | 13985.2 lm | 108 W | 80 |
| | 108-2449 | LED-48/48W/2700K | 5821.8 lm | 48 W | 80 |
| | 108-1281 | LED-48/48W/3000K | 6223.3 lm | 48 W | 80 |
| | 108-1282 | LED-48/48W/4000K | 6825.6 lm | 48 W | 80 |
| | 108-2450 | LED-48/96W/2700K | 10324.7 lm | 96 W | 80 |
| | 108-1261 | LED-48/96W/3000K | 11089.5 lm | 96 W | 80 |
| | 108-1262 | LED-48/96W/4000K | 11854.2 lm | 96 W | 80 |
| | 108-2451 | LED-48/144W/2700K | 16989.4 lm | 144 W | 80 |
| 108-2078 | LED-48/144W/3000K | 17818.2 lm | 144 W | 80 | |
| 108-2079 | LED-48/144W/4000K | 18646.9 lm | 144 W | 80 | |
|  <p>[P45L] pedestrian crossing, left-hand traffic</p> | 108-2530 | LED-36/72W/2700K | 8742.3 lm | 72 W | 80 |
| | 108-1991 | LED-36/72W/3000K | 9389.9 lm | 72 W | 80 |
| | 108-1992 | LED-36/72W/4000K | 10037.5 lm | 72 W | 80 |
| | 108-2877 | LED-36/108W/2700K | 13275.4 lm | 108 W | 80 |
| | 108-5170 | LED-36/108W/3000K | 13923 lm | 108 W | 80 |
| | 108-5171 | LED-36/108W/4000K | 14570.6 lm | 108 W | 80 |
| | 108-2531 | LED-48/96W/2700K | 11656.4 lm | 96 W | 80 |
| | 108-1995 | LED-48/96W/3000K | 12519.9 lm | 96 W | 80 |
| | 108-1996 | LED-48/96W/4000K | 13383.3 lm | 96 W | 80 |
| | 108-2881 | LED-48/144W/2700K | 17700.5 lm | 144 W | 80 |
| | 108-5174 | LED-48/144W/3000K | 18564 lm | 144 W | 80 |
| | 108-5926 | LED-48/144W/4000K | 19427.4 lm | 144 W | 80 |
| |  | 108-2452 | LED-36/72W/2700K | 8742.3 lm | 72 W |
| 108-1993 | | LED-36/72W/3000K | 9389.9 lm | 72 W | 80 |
| 108-1994 | | LED-36/72W/4000K | 10037.5 lm | 72 W | 80 |
| 108-2878 | | LED-36/108W/2700K | 13275.4 lm | 108 W | 80 |

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|--|-------------------|-------------------|--------------|-------------------|-----|
| [P45R] pedestrian crossing, right-hand traffic | 108-5172 | LED-36/108W/3000K | 13923 lm | 108 W | 80 |
| | 108-5173 | LED-36/108W/4000K | 14570.6 lm | 108 W | 80 |
| | 108-2453 | LED-48/96W/2700K | 11656.4 lm | 96 W | 80 |
| | 108-1997 | LED-48/96W/3000K | 12519.9 lm | 96 W | 80 |
| | 108-1998 | LED-48/96W/4000K | 13383.3 lm | 96 W | 80 |
| | 108-2882 | LED-48/144W/2700K | 17700.5 lm | 144 W | 80 |
| | 108-5175 | LED-48/144W/3000K | 18564 lm | 144 W | 80 |
| | 108-5546 | LED-48/144W/4000K | 19427.4 lm | 144 W | 80 |
|  [P65] pedestrian/bicycle lane | 108-2128 | LED-36/108W/3000K | 14412.4 lm | 108 W | 80 |
| | 108-2128-70 | LED-36/108W/3000K | 16423.5 lm | 108 W | 70 |
| | 108-2129 | LED-36/108W/4000K | 15082.8 lm | 108 W | 80 |
| | 108-2129-70 | LED-36/108W/4000K | 17093.8 lm | 108 W | 70 |
| | 108-2130 | LED-48/144W/3000K | 19216.6 lm | 144 W | 80 |
| | 108-2130-70 | LED-48/144W/3000K | 21898 lm | 144 W | 70 |
| | 108-2131 | LED-48/144W/4000K | 20110.4 lm | 144 W | 80 |
| | 108-2131-70 | LED-48/144W/4000K | 22791.8 lm | 144 W | 70 |
|  [R65] rectangular, side throw | 108-2440 | LED-36/36W/2700K | 4724.7 lm | 36 W | 80 |
| | 108-1275 | LED-36/36W/3000K | 5050.6 lm | 36 W | 80 |
| | 108-1276 | LED-36/36W/4000K | 5539.3 lm | 36 W | 80 |
| | 108-2441 | LED-36/72W/2700K | 8291.9 lm | 72 W | 80 |
| | 108-1255 | LED-36/72W/3000K | 8906.1 lm | 72 W | 80 |
| | 108-1256 | LED-36/72W/4000K | 9520.3 lm | 72 W | 80 |
| | 108-2442 | LED-36/108W/2700K | 13415.6 lm | 108 W | 80 |
| | 108-2070 | LED-36/108W/3000K | 14070 lm | 108 W | 80 |
| | 108-2071 | LED-36/108W/4000K | 14724.4 lm | 108 W | 80 |
| | 108-2443 | LED-48/48W/2700K | 6299.6 lm | 48 W | 80 |
| | 108-1285 | LED-48/48W/3000K | 6734.1 lm | 48 W | 80 |
| | 108-1286 | LED-48/48W/4000K | 7385.8 lm | 48 W | 80 |
| | 108-2444 | LED-48/96W/2700K | 11055.8 lm | 96 W | 80 |
| | 108-1265 | LED-48/96W/3000K | 11874.8 lm | 96 W | 80 |
| | 108-1266 | LED-48/96W/4000K | 12693.7 lm | 96 W | 80 |
| | 108-2445 | LED-48/144W/2700K | 17887.4 lm | 144 W | 80 |
| | 108-2080 | LED-48/144W/3000K | 18760 lm | 144 W | 80 |
| 108-2081 | LED-48/144W/4000K | 19632.5 lm | 144 W | 80 | |
| 108-2422 | LED-36/36W/2700K | 4841.6 lm | 36 W | 80 | |
| 108-1267 | LED-36/36W/3000K | 5175.6 lm | 36 W | 80 | |

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | |
|--|--|-------------------|------------------|-------------------|------|----|
|  [S60] asymmetric, side throw | 108-1268 | LED-36/36W/4000K | 5676.4 lm | 36 W | 80 | |
| | 108-2423 | LED-36/72W/2700K | 8652.8 lm | 72 W | 80 | |
| | 108-1247 | LED-36/72W/3000K | 9293.7 lm | 72 W | 80 | |
| | 108-1247-70 | LED-36/72W/3000K | 10575.6 lm | 72 W | 70 | |
| | 108-1248 | LED-36/72W/4000K | 9934.7 lm | 72 W | 80 | |
| | 108-2424 | LED-36/108W/2700K | 13866.5 lm | 108 W | 80 | |
| | 108-2072 | LED-36/108W/3000K | 14542.9 lm | 108 W | 80 | |
| | 108-2073 | LED-36/108W/4000K | 15219.4 lm | 108 W | 80 | |
| | 108-2425 | LED-48/48W/2700K | 6455.5 lm | 48 W | 80 | |
| | 108-1277 | LED-48/48W/3000K | 6900.7 lm | 48 W | 80 | |
| | 108-1278 | LED-48/48W/4000K | 7568.6 lm | 48 W | 80 | |
| | 108-2426 | LED-48/96W/2700K | 11537 lm | 96 W | 80 | |
| | 108-1257 | LED-48/96W/3000K | 12391.6 lm | 96 W | 80 | |
| | 108-1258 | LED-48/96W/4000K | 13246.2 lm | 96 W | 80 | |
| | 108-2427 | LED-48/144W/2700K | 18488.7 lm | 144 W | 80 | |
| | 108-2082 | LED-48/144W/3000K | 19390.6 lm | 144 W | 80 | |
| | 108-2083 | LED-48/144W/4000K | 20292.5 lm | 144 W | 80 | |
| |  [S65] asymmetric, side throw | 108-2428 | LED-36/36W/2700K | 4904.3 lm | 36 W | 80 |
| | | 108-1273 | LED-36/36W/3000K | 5242.6 lm | 36 W | 80 |
| | | 108-1274 | LED-36/36W/4000K | 5749.9 lm | 36 W | 80 |
| 108-2429 | | LED-36/72W/2700K | 8782.7 lm | 72 W | 80 | |
| 108-1253 | | LED-36/72W/3000K | 9433.3 lm | 72 W | 80 | |
| 108-1254 | | LED-36/72W/4000K | 10083.9 lm | 72 W | 80 | |
| 108-2430 | | LED-36/108W/2700K | 14023.5 lm | 108 W | 80 | |
| 108-2074 | | LED-36/108W/3000K | 14707.6 lm | 108 W | 80 | |
| 108-2075 | | LED-36/108W/4000K | 15391.6 lm | 108 W | 80 | |
| 108-2431 | | LED-48/48W/2700K | 6539.1 lm | 48 W | 80 | |
| 108-1283 | | LED-48/48W/3000K | 6990.1 lm | 48 W | 80 | |
| 108-1284 | | LED-48/48W/4000K | 7666.6 lm | 48 W | 80 | |
| 108-2432 | | LED-48/96W/2700K | 11710.3 lm | 96 W | 80 | |
| 108-1263 | | LED-48/96W/3000K | 12577.7 lm | 96 W | 80 | |
| 108-1264 | | LED-48/96W/4000K | 13445.2 lm | 96 W | 80 | |
| 108-2433 | | LED-48/144W/2700K | 18698 lm | 144 W | 80 | |
| 108-2084 | | LED-48/144W/3000K | 19610.1 lm | 144 W | 80 | |
| 108-2085 | | LED-48/144W/4000K | 20522.2 lm | 144 W | 80 | |
| 108-2434 | | LED-36/36W/2700K | 4830.2 lm | 36 W | 80 | |

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|--|----------|-------------------|--------------|-------------------|-----|
|  [S70] asymmetric, side throw | 108-1269 | LED-36/36W/3000K | 5163.3 lm | 36 W | 80 |
| | 108-1270 | LED-36/36W/4000K | 5663 lm | 36 W | 80 |
| | 108-2435 | LED-36/72W/2700K | 8627.8 lm | 72 W | 80 |
| | 108-1249 | LED-36/72W/3000K | 9266.9 lm | 72 W | 80 |
| | 108-1250 | LED-36/72W/4000K | 9906 lm | 72 W | 80 |
| | 108-2436 | LED-36/108W/2700K | 13884.5 lm | 108 W | 80 |
| | 108-2076 | LED-36/108W/3000K | 14561.8 lm | 108 W | 80 |
| | 108-2077 | LED-36/108W/4000K | 15239.1 lm | 108 W | 80 |
| | 108-2437 | LED-48/48W/2700K | 6440.3 lm | 48 W | 80 |
| | 108-1279 | LED-48/48W/3000K | 6884.4 lm | 48 W | 80 |
| | 108-1280 | LED-48/48W/4000K | 7550.6 lm | 48 W | 80 |
| | 108-2438 | LED-48/96W/2700K | 11503.7 lm | 96 W | 80 |
| | 108-1259 | LED-48/96W/3000K | 12355.9 lm | 96 W | 80 |
| | 108-1260 | LED-48/96W/4000K | 13208 lm | 96 W | 80 |
| | 108-2439 | LED-48/144W/2700K | 18512.7 lm | 144 W | 80 |
| | 108-2086 | LED-48/144W/3000K | 19415.7 lm | 144 W | 80 |
| | 108-2087 | LED-48/144W/4000K | 20318.8 lm | 144 W | 80 |