

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 in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.






Mains voltage versions, ON-OFF Class I. 1-10 V analogue dimming or DALI interface available on request; refer to accessory listings.

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

Including terminal box, for mounting on \varnothing 48-60 mm pipes or space frames.

Specifications

Material description

| | |
|----------------------|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colours |  RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS hardware |
| Ingress protection | IP66 |
| Impact resistance | IK08 |
| Corrosion resistance | 5CE |
| Windage | 0.065 m ² |

Electrical description

| | |
|------------------|----------------------------------|
| Driver / Ballast | Integral EC electronic converter |
|------------------|----------------------------------|

Additional information

| | |
|-------------------------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
| Energy efficiency class | C-D (Light source) |

FLC321 Space frame

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Options

Light distribution



symmetric, wide beam [B]



symmetric, medium beam [M]



symmetric, very narrow beam [EE]



symmetric, very narrow beam, sharp cut-off [EES]



linear spread, very narrow beam [EE]



linear spread, very narrow beam, sharp cut-off [EES]



wallwash

Colour temperature



2700 K



3000 K

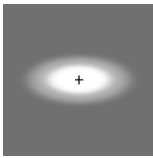
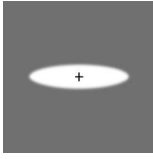
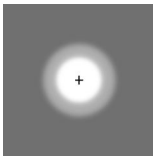



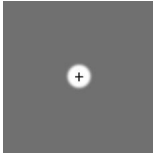
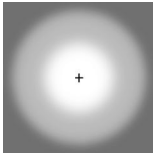

4000 K

Nominal Watt

0 W

Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) |
|---|-------------------|------------------------------|--------------|-------------------|-----|-------------|
| linear spread, very narrow beam [EE]  | 145-7374+145-9991 | LED-6/26W / 1400 mA - 2700K | 2027.2 | 29 W | 80 | 4.30 |
| | 145-7375+145-9991 | LED-6/26W / 1400 mA - 3000K | 2144.1 | 29 W | 80 | 4.30 |
| | 145-7376+145-9991 | LED-6/26W / 1400 mA - 4000K | 2241.6 | 29 W | 80 | 4.30 |
| | 145-7960+145-9991 | LED-6/12W / 700 mA - 2700 K | 1096 | 14.5 W | 80 | 3.70 |
| | 145-7961+145-9991 | LED-6/18W / 1050 mA - 2700 K | 1522.2 | 21 W | 80 | 3.70 |
| | 145-7962+145-9991 | LED-6/12W / 700 mA - 3000 K | 1177.2 | 14.5 W | 80 | 3.70 |
| | 145-7963+145-9991 | LED-6/18W / 1050 mA - 3000 K | 1644 | 21 W | 80 | 3.70 |
| | 145-7964+145-9991 | LED-6/12W / 700 mA - 4000 K | 1258.4 | 14.5 W | 80 | 3.70 |
| | 145-7965+145-9991 | LED-6/18W / 1050 mA - 4000 K | 1745.5 | 21 W | 80 | 3.70 |
| linear spread, very narrow beam, sharp cut-off [EES]  | 145-7377+145-9991 | LED-6/26W / 1400 mA - 2700K | 2158.4 | 29 W | 80 | 4.30 |
| | 145-7378+145-9991 | LED-6/26W / 1400 mA - 3000K | 2282.9 | 29 W | 80 | 4.30 |
| | 145-7379+145-9991 | LED-6/26W / 1400 mA - 4000K | 2386.7 | 29 W | 80 | 4.30 |
| | 145-7966+145-9991 | LED-6/12W / 700 mA - 2700 K | 1125.5 | 14.5 W | 80 | 3.70 |
| | 145-7967+145-9991 | LED-6/18W / 1050 mA - 2700 K | 1563.1 | 21 W | 80 | 3.70 |
| | 145-7968+145-9991 | LED-6/12W / 700 mA - 3000 K | 1208.8 | 14.5 W | 80 | 3.70 |
| | 145-7969+145-9991 | LED-6/18W / 1050 mA - 3000 K | 1688.2 | 21 W | 80 | 3.70 |
| | 145-7970+145-9991 | LED-6/12W / 700 mA - 4000 K | 1292.2 | 14.5 W | 80 | 3.70 |
| | 145-7971+145-9991 | LED-6/18W / 1050 mA - 4000 K | 1792.4 | 21 W | 80 | 3.70 |
| symmetric, medium beam [M]  | 145-7371 | LED-6/26W / 1400 mA - 2700K | 2179.3 | 29 W | 80 | 4.30 |
| | 145-7372 | LED-6/26W / 1400 mA - 3000K | 2305 | 29 W | 80 | 4.30 |
| | 145-7373 | LED-6/26W / 1400 mA - 4000K | 2409.8 | 29 W | 80 | 4.30 |
| | 145-7954 | LED-6/12W / 700 mA - 2700 K | 1162.6 | 14.5 W | 80 | 3.70 |
| | 145-7955 | LED-6/18W / 1050 mA - 2700 K | 1614.8 | 21 W | 80 | 3.70 |
| | 145-7956 | LED-6/12W / 700 mA - 3000 K | 1248.7 | 14.5 W | 80 | 3.70 |
| | 145-7957 | LED-6/18W / 1050 mA - 3000 K | 1743.9 | 21 W | 80 | 3.70 |
| | 145-7958 | LED-6/12W / 700 mA - 4000 K | 1334.9 | 14.5 W | 80 | 3.70 |
| | 145-7959 | LED-6/18W / 1050 mA - 4000 K | 1851.6 | 21 W | 80 | 3.70 |
| symmetric, very narrow beam [EE]  | 145-7374 | LED-6/26W / 1400 mA - 2700K | 2258.5 | 29 W | 80 | 4.30 |
| | 145-7375 | LED-6/26W / 1400 mA - 3000K | 2388.8 | 29 W | 80 | 4.30 |
| | 145-7376 | LED-6/26W / 1400 mA - 4000K | 2497.4 | 29 W | 80 | 4.30 |
| | 145-7960 | LED-6/12W / 700 mA - 2700 K | 1224.7 | 14.5 W | 80 | 3.70 |
| | 145-7961 | LED-6/18W / 1050 mA - 2700 K | 1701 | 21 W | 80 | 3.70 |
| | 145-7962 | LED-6/12W / 700 mA - 3000 K | 1315.4 | 14.5 W | 80 | 3.70 |
| | 145-7963 | LED-6/18W / 1050 mA - 3000 K | 1837.1 | 21 W | 80 | 3.70 |
| | 145-7964 | LED-6/12W / 700 mA - 4000 K | 1406.2 | 14.5 W | 80 | 3.70 |

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|--|------------------------------|-----------------------------|-------------------|------|-------------|
| symmetric, very narrow beam, sharp cut-off [EES]  | 145-7965 | LED-6/18W / 1050 mA - 4000 K | 1950.5 | 21 W | 80 | 3.70 |
| | 145-7377 | LED-6/26W / 1400 mA - 2700K | 2319.7 | 29 W | 80 | 4.30 |
| | 145-7378 | LED-6/26W / 1400 mA - 3000K | 2453.5 | 29 W | 80 | 4.30 |
| | 145-7379 | LED-6/26W / 1400 mA - 4000K | 2565 | 29 W | 80 | 4.30 |
| | 145-7966 | LED-6/12W / 700 mA - 2700 K | 1259.7 | 14.5 W | 80 | 3.70 |
| | 145-7967 | LED-6/18W / 1050 mA - 2700 K | 1749.6 | 21 W | 80 | 3.70 |
| | 145-7968 | LED-6/12W / 700 mA - 3000 K | 1353 | 14.5 W | 80 | 3.70 |
| | 145-7969 | LED-6/18W / 1050 mA - 3000 K | 1889.5 | 21 W | 80 | 3.70 |
| | 145-7970 | LED-6/12W / 700 mA - 4000 K | 1446.3 | 14.5 W | 80 | 3.70 |
| | 145-7971 | LED-6/18W / 1050 mA - 4000 K | 2006.2 | 21 W | 80 | 3.70 |
| | symmetric, wide beam [B]  | 145-7368 | LED-6/26W / 1400 mA - 2700K | 1665.8 | 29 W | 80 |
| 145-7369 | | LED-6/26W / 1400 mA - 3000K | 1761.9 | 29 W | 80 | 4.30 |
| 145-7370 | | LED-6/26W / 1400 mA - 4000K | 1842 | 29 W | 80 | 4.30 |
| 145-7948 | | LED-6/12W / 700 mA - 2700 K | 887.8 | 14.5 W | 80 | 3.70 |
| 145-7949 | | LED-6/18W / 1050 mA - 2700 K | 1233 | 21 W | 80 | 3.70 |
| 145-7950 | | LED-6/12W / 700 mA - 3000 K | 953.5 | 14.5 W | 80 | 3.70 |
| 145-7951 | | LED-6/18W / 1050 mA - 3000 K | 1331.7 | 21 W | 80 | 3.70 |
| 145-7952 | | LED-6/12W / 700 mA - 4000 K | 1019.3 | 14.5 W | 80 | 3.70 |
| 145-7953 | | LED-6/18W / 1050 mA - 4000 K | 1413.9 | 21 W | 80 | 3.70 |
| wallwash  | 145-7371+145-9993 | LED-6/26W / 1400 mA - 2700K | 1807.9 | 29 W | 80 | 4.30 |
| | 145-7372+145-9993 | LED-6/26W / 1400 mA - 3000K | 1912.2 | 29 W | 80 | 4.30 |
| | 145-7373+145-9993 | LED-6/26W / 1400 mA - 4000K | 1999.1 | 29 W | 80 | 4.30 |
| | 145-7954+145-9993 | LED-6/12W / 700 mA - 2700 K | 991.7 | 14.5 W | 80 | 3.70 |
| | 145-7955+145-9993 | LED-6/18W / 1050 mA - 2700 K | 1377.4 | 21 W | 80 | 3.70 |
| | 145-7956+145-9993 | LED-6/12W / 700 mA - 3000 K | 1065.2 | 14.5 W | 80 | 3.70 |
| | 145-7957+145-9993 | LED-6/18W / 1050 mA - 3000 K | 1487.6 | 21 W | 80 | 3.70 |
| | 145-7958+145-9993 | LED-6/12W / 700 mA - 4000 K | 1138.6 | 14.5 W | 80 | 3.70 |
| | 145-7959+145-9993 | LED-6/18W / 1050 mA - 4000 K | 1579.4 | 21 W | 80 | 3.70 |

FLC321 Space frame

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Control

Eco Step Dim® Advanced

| Description | Part ID |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

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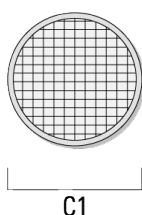
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Optical Accessories

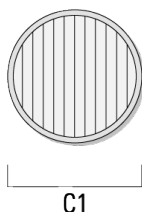
Flood lens

| Description | Part ID | C1 |
|---------------|----------|----|
| IO-360-FLC321 | 145-9992 | 87 |



Linear spread lens

| Description | Part ID | C1 |
|---------------|----------|----|
| IO-180-FLC321 | 145-9991 | 87 |



Wallwash lens

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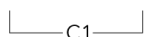
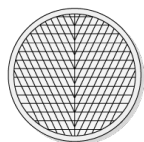
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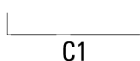
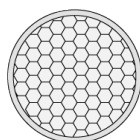
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| Description | Part ID | C1 |
|--------------|----------|----|
| IO-20-FLC321 | 145-9993 | 87 |



Honeycomb louvre

| Description | Part ID | C1 |
|---------------------|----------|----|
| Honeycomb louvre IW | 145-9994 | 87 |



Glare shield

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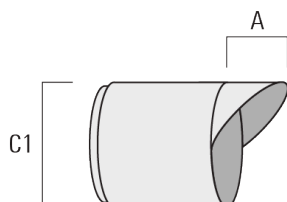
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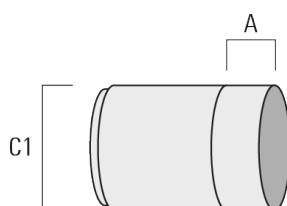
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| Description | Part ID | A | C1 |
|-------------|----------|----|-----|
| ES-FLC321 | 145-9995 | 55 | 114 |



Snoot

| Description | Part ID | A | C1 |
|-------------|----------|----|-----|
| ET-FLC321 | 145-9996 | 56 | 114 |



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