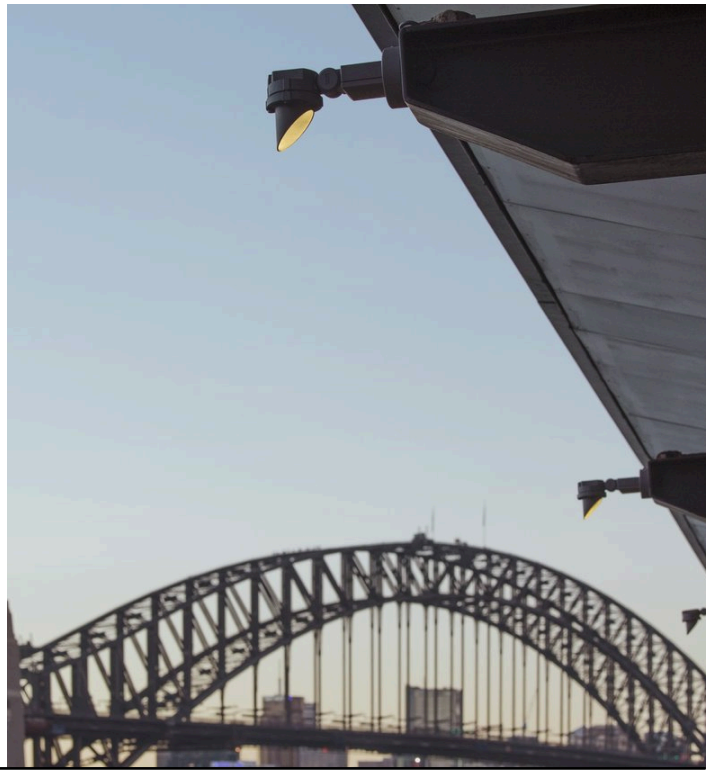


Projectors

# FLC121 LED Surface mounted

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket.

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. OLC® One LED Concept.

| Surface | 12 W | 1129 – 1722 lm | IP66 / IK07 |
|---|---|---|---|
| Variant | Wattage | Rated lumens | IP / IK |

# Lighting

## Light distribution

[M] symmetric, medium beam

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

[B] symmetric, wide beam

[EE] symmetric, very narrow beam

## Colour temperature

2700K

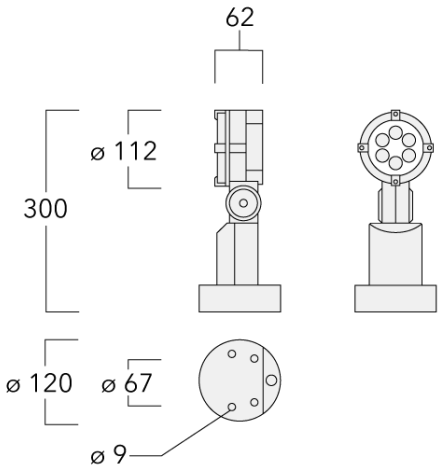
3000K

4000K

## Wattage

12 W

## Physical description




| | |
|---|---|
| Diameter | 112 mm |
| Weight | 1.7 kg |
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colours | RAL9004 Signal black; RAL9016 Traffic white; RAL7016 Anthracite grey; RAL9007 Grey aluminium |
| Finish | Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016 |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS hardware |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE |
| Windage | 0.025 $m^2$ |

## Electrical description

| | |
|---|---|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |
| Surge protection | 1/2 kV |
| Energy efficiency | C-D (Light source) |

## Additional information

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

## Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|---|---|---|---|---|---|
| [B] symmetric, wide beam | 145-0284 | LED-6/12W/2700K | 1254.2 lm | 14.5 W | 80 |
| | 145-0052 | LED-6/12W/3000K | 1347.1 lm | 14.5 W | 80 |
| | 145-0053 | LED-6/12W/4000K | 1440 lm | 14.5 W | 80 |
| [EE] symmetric, very narrow beam | 145-0278 | LED-6/12W/2700K | 1393.3 lm | 14.5 W | 80 |
| | 145-0278+145-0050 | LED-6/12W/2700K | 1290.7 lm | 14.5 W | 80 |
| | 145-0055 | LED-6/12W/3000K | 1496.5 lm | 14.5 W | 80 |
| | 145-0055+145-0050 | LED-6/12W/3000K | 1386.3 lm | 14.5 W | 80 |
| | 145-0056 | LED-6/12W/4000K | 1599.7 lm | 14.5 W | 80 |
| | 145-0056+145-0050 | LED-6/12W/4000K | 1481.9 lm | 14.5 W | 80 |
| [EES] symmetric, very narrow beam, sharp cut-off | 145-0292 | LED-6/12W/2700K | 1499.6 lm | 14.5 W | 80 |
| | 145-0292+145-0050 | LED-6/12W/2700K | 1421 lm | 14.5 W | 80 |
| | 145-0034 | LED-6/12W/3000K | 1610.7 lm | 14.5 W | 80 |
| | 145-0034+145-0050 | LED-6/12W/3000K | 1526.2 lm | 14.5 W | 80 |
| | 145-0035 | LED-6/12W/4000K | 1721.8 lm | 14.5 W | 80 |
| | 145-0035+145-0050 | LED-6/12W/4000K | 1631.5 lm | 14.5 W | 80 |
| [M] symmetric, medium beam | 145-0283 | LED-6/12W/2700K | 1407.5 lm | 14.5 W | 80 |
| | 145-0283+145-0145 | LED-6/12W/2700K | 1129.3 lm | 14.5 W | 80 |
| | 145-0031 | LED-6/12W/3000K | 1511.8 lm | 14.5 W | 80 |
| | 145-0031+145-0145 | LED-6/12W/3000K | 1213 lm | 14.5 W | 80 |
| | 145-0032 | LED-6/12W/4000K | 1616.1 lm | 14.5 W | 80 |
| | 145-0032+145-0145 | LED-6/12W/4000K | 1296.6 lm | 14.5 W | 80 |

Projectors

# FLC121 LED Surface mounted

we-ef

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Subject to technical changes and errors.