

### Description






IP55, 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. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Optional 2200 K version available. Factory installed LED circuit board.

Knuckle permits 350° horizontal and 90° vertical aiming of optics.

### Specifications

#### Material description

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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 rubber gaskets
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP55
Impact resistance	IK07
Corrosion resistance	5CE

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#### Electrical description

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Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Surge protection	1/2 kV

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#### Additional information

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

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## Projectors

### Options

#### Light distribution



symmetric, medium beam [M]



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



symmetric, wide beam [B]



symmetric, very narrow beam [EE]



linear spread, very narrow beam [EE]



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



wallwash

#### Colour temperature



3000 K



4000 K

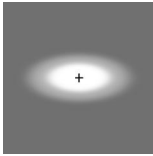
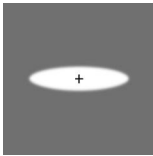
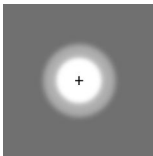

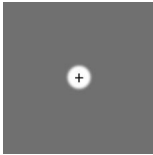
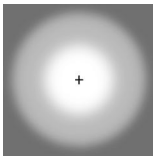



2700 K

#### Nominal Watt

56 W

### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	146-0978+146-0439	LED-24/48W / 700 mA - 2700 K	5162.8	54 W	80	5.80
	146-7068+146-0439	LED-24/48W / 700 mA - 3000 K	5545.2	54 W	80	5.80
	146-7069+146-0439	LED-24/48W / 700 mA - 4000 K	5927.6	54 W	80	5.80
linear spread, very narrow beam, sharp cut-off [EES] 	146-0979+146-0439	LED-24/48W / 700 mA - 2700 K	5683.9	54 W	80	5.80
	146-7056+146-0439	LED-24/48W / 700 mA - 3000 K	6104.9	54 W	80	5.80
	146-7057+146-0439	LED-24/48W / 700 mA - 4000 K	6526	54 W	80	5.80
symmetric, medium beam [M] 	146-0977	LED-24/48W / 700 mA - 2700 K	5630.1	54 W	80	5.80
	146-7054	LED-24/48W / 700 mA - 3000 K	6047.2	54 W	80	5.80
	146-7055	LED-24/48W / 700 mA - 4000 K	6464.2	54 W	80	5.80
symmetric, very narrow beam [EE] 	146-0978	LED-24/48W / 700 mA - 2700 K	5573.3	54 W	80	5.80
	146-7068	LED-24/48W / 700 mA - 3000 K	5986.1	54 W	80	5.80
	146-7069	LED-24/48W / 700 mA - 4000 K	6398.9	54 W	80	5.80
symmetric, very narrow beam, sharp cut-off [EES] 	146-0979	LED-24/48W / 700 mA - 2700 K	5998.4	54 W	80	5.80
	146-7056	LED-24/48W / 700 mA - 3000 K	6442.7	54 W	80	5.80
	146-7057	LED-24/48W / 700 mA - 4000 K	6887	54 W	80	5.80
symmetric, wide beam [B] 	146-0976	LED-24/48W / 700 mA - 2700 K	5016.9	54 W	80	5.80
	146-7066	LED-24/48W / 700 mA - 3000 K	5388.5	54 W	80	5.80
	146-7067	LED-24/48W / 700 mA - 4000 K	5760.1	54 W	80	5.80
wallwash 	146-0977+146-0646	LED-24/48W / 700 mA - 2700 K	4517.3	54 W	80	5.80
	146-7054+146-0646	LED-24/48W / 700 mA - 3000 K	4851.9	54 W	80	5.80
	146-7055+146-0646	LED-24/48W / 700 mA - 4000 K	5186.6	54 W	80	5.80

### Optical Accessories

#### Glare shield

Description	Part ID	A	C1
Glare shield ES	146-0229	120	145



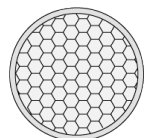
#### Snoot

Description	Part ID	A	C1
Snoot ET	146-0398	120	145



### Honeycomb louvre

Description	Part ID	C1
IW-FLC141-LED - [EE][EES]	146-0626	145



C1