

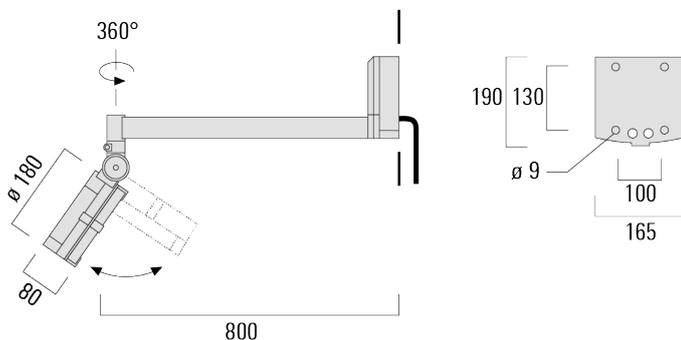


Description

IP55, Class I. IK07. Marine-grade, all-aluminium construction. 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. Two cable entries.

Knuckle permits 350° horizontal and 180° vertical aiming of optics.



Specifications

Material description

Body	Marine-grade, all-aluminium construction
Lens	Safety glass lens
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP55
Impact resistance	IK07
Corrosion resistance	5CE

Electrical description

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

Additional information

Lifetime	T _a =25° L90B10 > 90000h
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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]



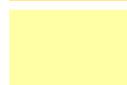
wallwash

Colour temperature

Nominal Watt



3000 K



4000 K

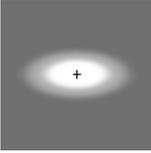
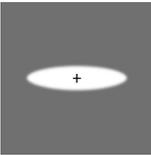
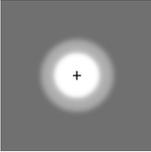
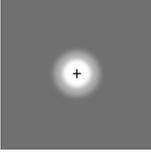
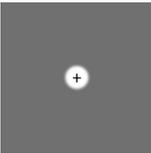
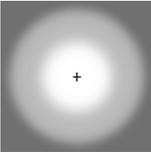
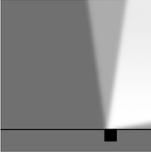


2700 K

56 W

Projectors

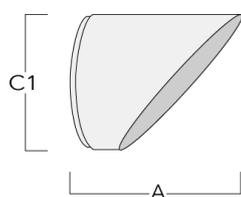
Configurations

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

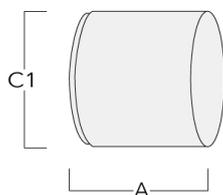
Glare shield

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



Snoot

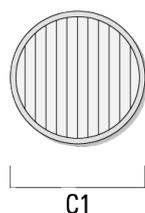
Description	Part ID	A	C1
Snoot ET	146-0398	120	145



Projectors

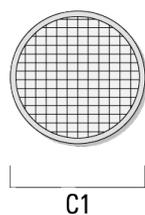
Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	146-0439	145



Flood lens

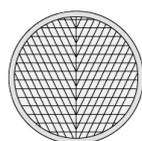
Description	Part ID	C1
Flood lens IO-360	146-9950	145



Projectors

Wallwash lens

Description	Part ID	C1
Wallwash lens IO-20	146-0646	145



C1

Linear louvre

Description	Part ID	C1
Linear louvre IL	146-9056	145

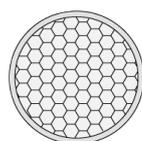


C1

Projectors

Honeycomb louvre

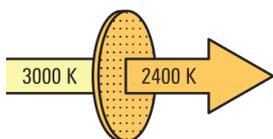
Description	Part ID	C1
Honeycomb louvre IW	146-0626	145



C1

Colour correction filter

Description	Part ID
IF-3000K > 2400K	146-9058



Projectors

Control

DALI interface

Description	Part ID	Additional information
DALI interface	430-0013	<p>DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).</p> <p>Dali 2.0</p> <ul style="list-style-type: none">-Application controllers and Input devices defined-Single-masters and multi-masters allowed-Event priorities defined-Separate addressing & grouping from control gear <p>Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!</p>
