

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]



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



symmetric, wide beam [B]



symmetric, very narrow beam [EE]



linear spread, very narrow beam [EE]



wallwash

Colour temperature

Nominal Watt



3000 K



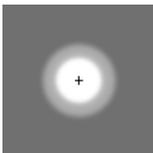
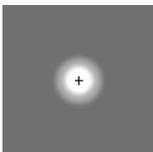
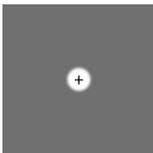
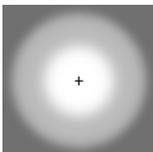
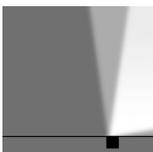
4000 K



2700 K

3 W

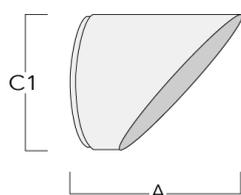
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	146-0515+146-0418	LED-12/24W / 700 mA - 3000 K	2744.2	27 W	80	4.80
	146-0516+146-0418	LED-12/24W / 700 mA - 4000 K	2933.4	27 W	80	4.80
	146-0974+146-0418	LED-12/24W / 700 mA - 2700 K	2554.9	27 W	80	4.80
linear spread, very narrow beam, sharp cut-off [EES] 	146-0408+146-0418	LED-12/24W / 700 mA - 3000 K	2865.9	27 W	80	4.80
	146-0409+146-0418	LED-12/24W / 700 mA - 4000 K	3063.5	27 W	80	4.80
	146-0975+146-0418	LED-12/24W / 700 mA - 2700 K	2668.2	27 W	80	4.80
symmetric, medium beam [M] 	146-0405	LED-12/24W / 700 mA - 3000 K	2998.6	27 W	80	4.80
	146-0406	LED-12/24W / 700 mA - 4000 K	3205.4	27 W	80	4.80
	146-0973	LED-12/24W / 700 mA - 2700 K	2791.8	27 W	80	4.80
symmetric, very narrow beam [EE] 	146-0515	LED-12/24W / 700 mA - 3000 K	2883.7	27 W	80	4.80
	146-0516	LED-12/24W / 700 mA - 4000 K	3082.5	27 W	80	4.80
	146-0974	LED-12/24W / 700 mA - 2700 K	2684.8	27 W	80	4.80
symmetric, very narrow beam, sharp cut-off [EES] 	146-0408	LED-12/24W / 700 mA - 3000 K	3077.9	27 W	80	4.80
	146-0409	LED-12/24W / 700 mA - 4000 K	3290.2	27 W	80	4.80
	146-0975	LED-12/24W / 700 mA - 2700 K	2865.6	27 W	80	4.80
symmetric, wide beam [B] 	146-0512	LED-12/24W / 700 mA - 3000 K	2709.2	27 W	80	4.80
	146-0513	LED-12/24W / 700 mA - 4000 K	2896	27 W	80	4.80
	146-0972	LED-12/24W / 700 mA - 2700 K	2522.3	27 W	80	4.80
wallwash 	146-0405+146-0645	LED-12/24W / 700 mA - 3000 K	2405.6	27 W	80	4.80
	146-0406+146-0645	LED-12/24W / 700 mA - 4000 K	2571.5	27 W	80	4.80
	146-0973+146-0645	LED-12/24W / 700 mA - 2700 K	2239.7	27 W	80	4.80

Optical Accessories

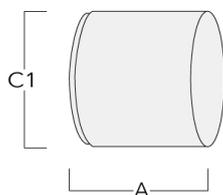
Glare shield

Description	Part ID	A	C1
Glare shield ES	146-0156	110	100



Snoot

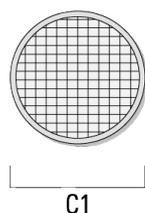
Description	Part ID	A	C1
Snoot ET	146-0397	95,5	126



Projectors

Flood lens

Description	Part ID	C1
Flood lens IO-360	146-0419	110



Linear louvre

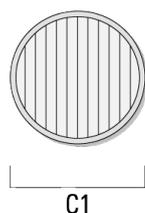
Description	Part ID	C1
Linear louvre IL	146-9055	110



Projectors

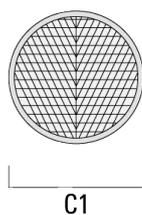
Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	146-0418	110



Wallwash lens

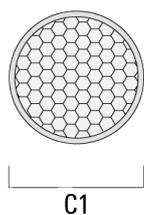
Description	Part ID	C1
Wallwash lens IO-20	146-0645	110



Projectors

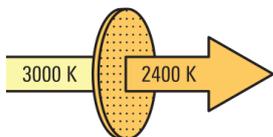
Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	146-0625	110



Colour correction filter

Description	Part ID
IF-3000K > 2400K	146-9054



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>
