

Description

IP66. IK07. 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 only, ON-OFF Class I. 1-10 V analogue dimming or DALI interface available on request (converter in thermally-separated compartment); 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	IK07
Corrosion resistance	5CE

Electrical description

Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
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Additional information

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

FLC301 Space frame

RAIL66

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Options

Light distribution



symmetric, wide beam [B]



symmetric, medium beam [M]



symmetric, narrow beam [E]



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

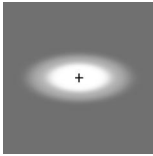
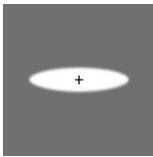
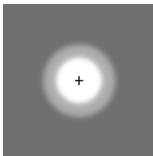
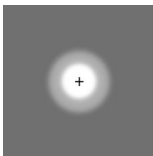

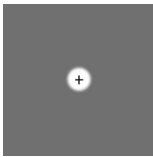
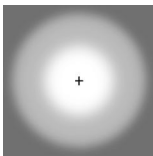
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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	145-7279+145-7229	LED-1/4W / 350 mA - 2700 K	384.7	5 W	80	1.70
	145-7280+145-7229	LED-1/4W / 350 mA - 3000 K	384.7	5 W	80	1.70
	145-7281+145-7229	LED-1/4W / 350 mA - 4000 K	416.1	5 W	80	1.70
linear spread, very narrow beam, sharp cut-off [EES] 	145-7282+145-7229	LED-1/4W / 350 mA - 2700 K	343.5	5 W	80	1.70
	145-7283+145-7229	LED-1/4W / 350 mA - 3000 K	343.5	5 W	80	1.70
	145-7284+145-7229	LED-1/4W / 350 mA - 4000 K	369.9	5 W	80	1.70
symmetric, medium beam [M] 	145-7273	LED-1/4W / 350 mA - 2700 K	398.4	5 W	80	1.70
	145-7273+145-7230	LED-1/4W / 350 mA - 2700 K	331.7	5 W	80	1.70
	145-7274	LED-1/4W / 350 mA - 3000 K	398.4	5 W	80	1.70
	145-7275	LED-1/4W / 350 mA - 4000 K	431	5 W	80	1.70
symmetric, narrow beam [E] 	145-7276	LED-1/4W / 350 mA - 2700 K	415.2	5 W	80	1.70
	145-7277	LED-1/4W / 350 mA - 3000 K	415.2	5 W	80	1.70
	145-7278	LED-1/4W / 350 mA - 4000 K	449.1	5 W	80	1.70
symmetric, very narrow beam [EE] 	145-7279	LED-1/4W / 350 mA - 2700 K	415.5	5 W	80	1.70
	145-7280	LED-1/4W / 350 mA - 3000 K	415.5	5 W	80	1.70
	145-7281	LED-1/4W / 350 mA - 4000 K	449.5	5 W	80	1.70
symmetric, very narrow beam, sharp cut-off [EES] 	145-7282	LED-1/4W / 350 mA - 2700 K	382.2	5 W	80	1.70
	145-7283	LED-1/4W / 350 mA - 3000 K	382.2	5 W	80	1.70
	145-7284	LED-1/4W / 350 mA - 4000 K	411.6	5 W	80	1.70
symmetric, wide beam [B] 	145-7270	LED-1/4W / 350 mA - 2700 K	379.1	5 W	80	1.70
	145-7271	LED-1/4W / 350 mA - 3000 K	379.1	5 W	80	1.70
	145-7272	LED-1/4W / 350 mA - 4000 K	410.1	5 W	80	1.70
wallwash	145-7274+145-7230	LED-1/4W / 350 mA - 3000 K	331.7	5 W	80	1.70

FLC301 Space frame

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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	145-7275+145-7230	LED-1/4W / 350 mA - 4000 K	358.8	5 W	80	1.70

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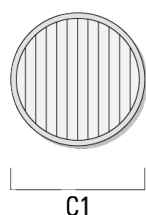
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Optical Accessories

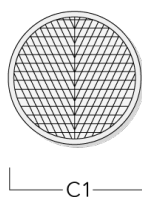
Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-7229	42.5



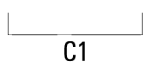
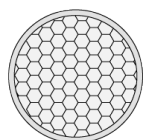
Wallwash lens

Description	Part ID	C1
IO-20-WW-FLC301-LED	145-7230	42.5



Honeycomb louvre

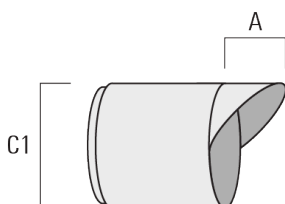
Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



C1

Glare shield

Description	Part ID	A	C1
Glare shield ES	145-7232	20.5	58



Snoot

Description	Part ID	A	C1
Snoot ET	145-7233	22.5	58

