FLC301 Space frame

RAIL66

Description

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer 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.

Including terminal box, for mounting on ø 48-60 mm pipes or space frames.

Mains voltage versions only, ON-OFF Class I or DALI interface available on request (converter in thermally-separated compartment); refer to accessory listings.

Specifications
Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	■ RAL9004 Signal black
	■ RAL9006 White aluminium
	■ RAL9007 Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE+Primer

Electrical description

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

Additional information

Lifetime	Ta=25° L90B10 > 90000h

Options

Light distribution	Colour temperature	Nominal Watt
symmetric, wide beam [B]	2700 K	0 W
symmetric, medium beam [M]	3000 K	
symmetric, narrow beam [E]	4000 K	
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		

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
	145-7274	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
	145-7288	LED-1/6W / 500 mA - 2700 K	544.8	7.5 W	80	1.70
	145-7289	LED-1/6W / 500 mA - 3000 K	544.8	7.5 W	80	1.70
	145-7290	LED-1/6W / 500 mA - 4000 K	585.5	7.5 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
	145-7291	LED-1/6W / 500 mA - 2700 K	567.7	7.5 W	80	1.70
	145-7292	LED-1/6W / 500 mA - 3000 K	567.7	7.5 W	80	1.70
	145-7293	LED-1/6W / 500 mA - 4000 K	610.1	7.5 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
	145-7294	LED-1/6W / 500 mA - 2700 K	568.2	7.5 W	80	1.70
	145-7295	LED-1/6W / 500 mA - 3000 K	568.2	7.5 W	80	1.70
	145-7296	LED-1/6W / 500 mA - 4000 K	610.6	7.5 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
	145-7297	LED-1/6W / 500 mA - 2700 K	516.6	7.5 W	80	1.70
	145-7298	LED-1/6W / 500 mA - 3000 K	516.6	7.5 W	80	1.70
	145-7299	LED-1/6W / 500 mA - 4000 K	558.6	7.5 W	80	1.70
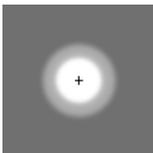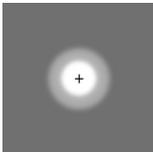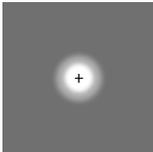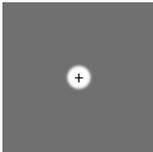
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, wide beam [B]	145-7270	LED-1/4W / 350 mA – 2700 K	379.1	5 W	80	1.70
	145-7271	LED-1/4W / 350 mA – 3000 K	379.1	5 W	80	1.70
	145-7272	LED-1/4W / 350 mA – 4000 K	410.1	5 W	80	1.70
	145-7285	LED-1/6W / 500 mA - 2700 K	518.4	7.5 W	80	1.70
	145-7286	LED-1/6W / 500 mA - 3000 K	518.4	7.5 W	80	1.70
	145-7287	LED-1/6W / 500 mA - 4000 K	557.1	7.5 W	80	1.70
wallwash	145-7273+145-7230	LED-1/4W / 350 mA – 2700 K	331.7	5 W	80	1.70
	145-7274+145-7230	LED-1/4W / 350 mA – 3000 K	331.7	5 W	80	1.70
	145-7275+145-7230	LED-1/4W / 350 mA – 4000 K	358.8	5 W	80	1.70
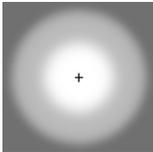
Control

1-10 V analogue dimming interface

Description	Part ID	C
1-10 V analogue dimming interface	430-0011	90

DALI interface

| Description	Part ID	Additional information
DALI interface	430-0013	DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0). Dali 2.0 -Application controllers and Input devices defined -Single-masters and multi-masters allowed -Event priorities defined -Separate addressing & grouping from control gear Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!

Optical Accessories

Linear spread lens

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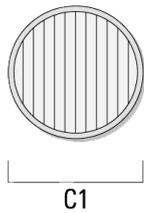
Wallwash lens

Description	Part ID	C1
Wallwash lens IO-20	145-7230	42.5
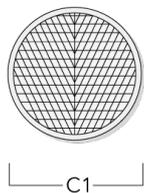
Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5

C1
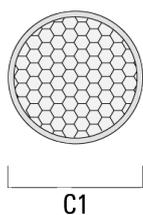
Glare shield

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

A

C1
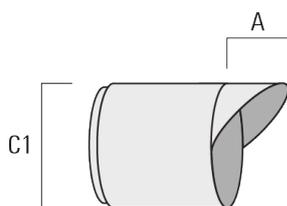
Snoot

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