145-7270

FLC301 Space frame

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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.

Weight	1.70 kg
Light distribution	symmetric, wide beam [B]
Light source	LED-1/4W / 350 mA – 2700 K
CRI	80
Power supply	EC
LEDs	1
Rated input power	5 W
Nominal Lumen (lm)	
LED Lumen	490
Total Lumen	490
Tj	85
Rated lumens (lm)	
LED Lumen	379.1
Total Lumen	379.1
Ta	25

831 cd/klm
26.4°/26.4°

C0/C180
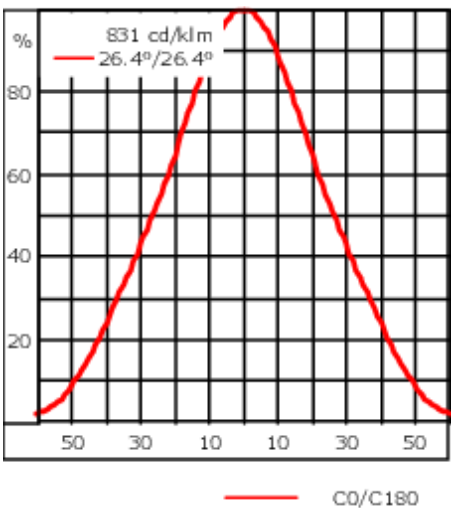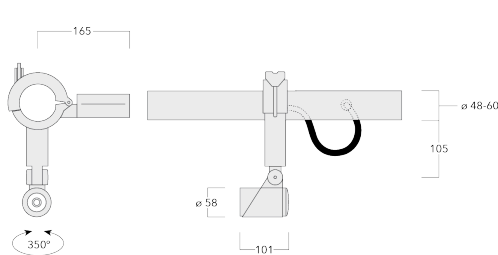
Specifications
Material description

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

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

C1
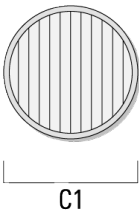
Wallwash lens

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

C1
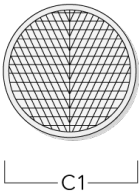
Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5
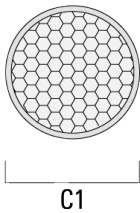
Glare shield

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

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Snoot

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