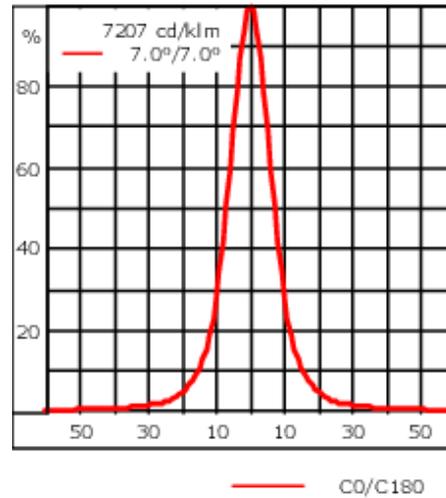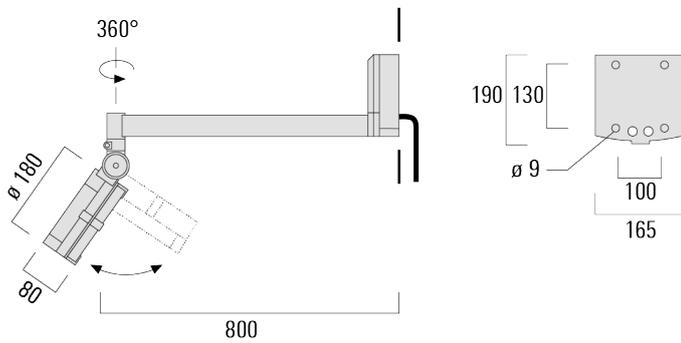**Description**

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.

Weight	5.80 kg
Light distribution	symmetric, very narrow beam [EE]
Light source	LED-24/48W / 700 mA - 3000 K
CRI	80
Power supply	EC
LEDs	24
Rated input power	54 W
Nominal Lumen (lm)	
LED Lumen	290
Total Lumen	6960
Tj	85
Rated lumens (lm)	
LED Lumen	249.4
Total Lumen	5986.1
Ta	25

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

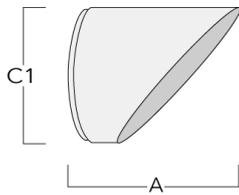|	
Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment

Additional information

Lifetime	Ta=25° L90B10 > 90000h

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

Subject to technical changes and errors. - Generated on 03/03/2026
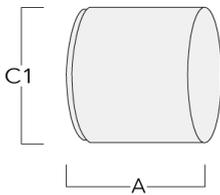
Linear spread lens

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

C1
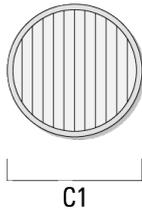
Flood lens

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

C1
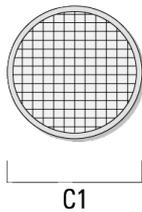
Wallwash lens

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

C1
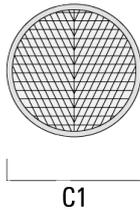
Linear louvre

Description	Part ID	C1
Linear louvre IL	146-9056	145

C1

FLC141 LED Wall bracket

Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	146-0626	145

C1
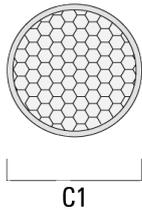
Colour correction filter

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

3000 K   2400 K
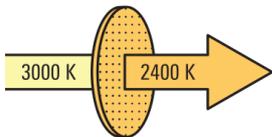
Control

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!