Catenary Luminaires

CFS530 LED

IP66, Class I. Class II on request. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Optional 2200 K version available. To be specified at time of ordering.

Includes cable connector, for cable 9-14 mm. +/- 14° adjustable to compensate for sloping catenary systems.

24 – 48 W	3475 – 7548 lm	IP66 / IK08
Wattage	Rated lumens	IP / IK

Lighting

Light distribution

[C50] controlled symmetric distribution

[R] rectangular

Colour temperature

2700K

3000K

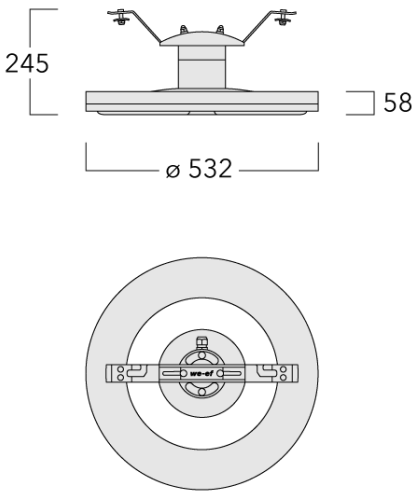
4000K

Wattage

24 W

48 W

Physical description



Height	245 mm
Diameter	532 mm
Weight	10.9 kg
Body	Marine-grade, die-cast aluminium alloy
Lens	PMMA RFC® Reflection Free Contour technology
Colours	RAL9004 Signal black; RAL9006 White aluminium; RAL9016 Traffic white; RAL7016 Anthracite grey; RAL9007 Grey aluminium
Finish	Powdercoat finish in RAL7016, RAL9004, RAL9006, RAL9007 and RAL9016
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.13 m^2

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter
Cable	Includes cable connector, for cable 9-14 mm
Surge protection	6/6 kV (optional SP10)
Energy efficiency	C-D (Light source)

Additional information

Lifetime	Ta=25° L90B10 > 90000h

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[C50] controlled symmetric distribution	105-0154	LED-24/24W/3000K	3512.6 lm	26.5 W	80
	105-0154-70	LED-24/24W/3000K	4079.2 lm	26.5 W	70
	105-0155	LED-24/24W/4000K	3852.5 lm	26.5 W	80
	105-0155-70	LED-24/24W/4000K	4305.8 lm	26.5 W	70
	105-0247	LED-24/48W/2700K	5822.9 lm	54 W	80
	105-0247-70	LED-24/48W/2700K	6254.3 lm	54 W	70
	105-0162	LED-24/48W/3000K	6254.3 lm	54 W	80
	105-0162-70	LED-24/48W/3000K	7116.9 lm	54 W	70
	105-0163	LED-24/48W/4000K	6685.6 lm	54 W	80
	105-0163-70	LED-24/48W/4000K	7548.2 lm	54 W	70
[R] rectangular	105-0156	LED-24/24W/3000K	3474.7 lm	26.5 W	80
	105-0156-70	LED-24/24W/3000K	4035.1 lm	26.5 W	70
	105-0157	LED-24/24W/4000K	3810.9 lm	26.5 W	80
	105-0157-70	LED-24/24W/4000K	4259.3 lm	26.5 W	70
	105-0248	LED-24/48W/2700K	5759.9 lm	54 W	80
	105-0248-70	LED-24/48W/2700K	6186.6 lm	54 W	70
	105-0164	LED-24/48W/3000K	6186.6 lm	54 W	80
	105-0164-70	LED-24/48W/3000K	7039.9 lm	54 W	70
	105-0165	LED-24/48W/4000K	6613.3 lm	54 W	80
	105-0165-70	LED-24/48W/4000K	7466.6 lm	54 W	70

Catenary Luminaires

CFS530 LED

we-ef

A Fagerhult Group Company

WE-EF LEUCHTEN GmbH
Töpinger Straße 16, 29646 Bispingen, Germany
Phone: +49 5194 909-0
info@we-ef.com
https://we-ef.com

Subject to technical changes and errors.