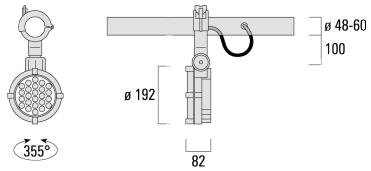
FLC141 LED Space frame

RAIL66



Description

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer 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_R_ One LED Concept.
Including terminal box, for mounting on ø 48-60 mm pipes or space frames.

2700 K option available on request.

If ordering a fitting to be installed on an existing rail, please confirm the rail version with your local distributor or our customer excellence team as connectors vary.

WE-EF LIGHTING Pty Ltd
47 Tarnard Drive, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499
info.australia@we-ef.com - https://we-ef.com/aus

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

Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment

Additional information

Warranty	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details.

Options

Light distribution


symmetric, wide beam [B]


symmetric, medium beam [M]


symmetric, very narrow beam [EE]


symmetric, very narrow beam, sharp cut-off [EES]


wallwash [A20]

Colour temperature

3000 K

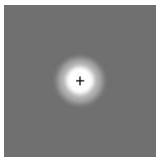
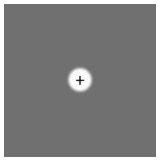
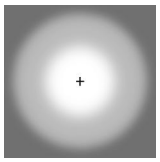
4000 K

Nominal Watt

56 W

WE-EF LIGHTING Pty Ltd
47 Tarnard Drive, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499
info.australia@we-ef.com - https://we-ef.com/aus

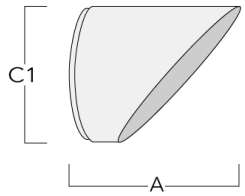
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, medium beam [M] 	146-7093	LED-24/48W / 700 mA - 3000 K	6047.2	54 W	80	0.00
	146-7098	LED-24/48W / 700 mA - 4000 K	6464.2	54 W	80	0.00
symmetric, very narrow beam [EE] 	146-7094	LED-24/48W / 700 mA - 3000 K	5986.1	54 W	80	0.00
	146-7099	LED-24/48W / 700 mA - 4000 K	6398.9	54 W	80	0.00
symmetric, very narrow beam, sharp cut-off [EES] 	146-7095	LED-24/48W / 700 mA - 3000 K	6442.7	54 W	80	0.00
	146-7100	LED-24/48W / 700 mA - 4000 K	6887	54 W	80	0.00
symmetric, wide beam [B] 	146-7092	LED-24/48W / 700 mA - 3000 K	5388.5	54 W	80	0.00
	146-7097	LED-24/48W / 700 mA - 4000 K	5760.1	54 W	80	0.00
wallwash [A20] 	146-7093+146-0646	LED-24/48W / 700 mA - 3000 K	4851.9	54 W	80	4.40
	146-7098+146-0646	LED-24/48W / 700 mA - 4000 K	5186.6	54 W	80	4.40

Optical Accessories

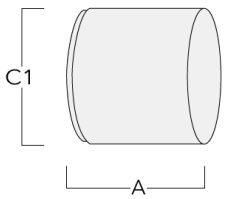
Glare shield

Description	Part ID	A	C1
Glare shield ES	146-0229	120	145



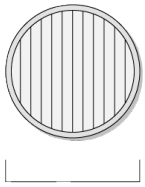
Snoot

Description	Part ID	A	C1
Snoot ET	146-0398	120	145



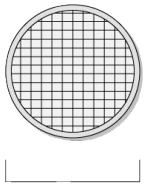
Linear spread lens

Description	Part ID	C1
IO-180-FLC141-LED	146-0439	145



Surface wash lens

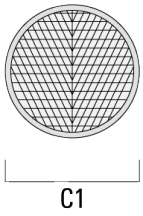
Description	Part ID	C1
IO-360-FLC141-LED	146-9950	145



WE-EF LIGHTING Pty Ltd
47 Tarnard Drive, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499
info.australia@we-ef.com - https://we-ef.com/aus

Wallwash lens

Description	Part ID	C1
IO-20-WW-FLC141-LED	146-0646	145

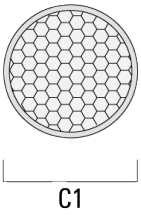


Linear louvre

Description	Part ID	C1
Linear louvre IL for FLC141 LED	146-9056	145

Honeycomb louvre

Description	Part ID	C1
IW-FLC141-LED	146-0626	145



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!