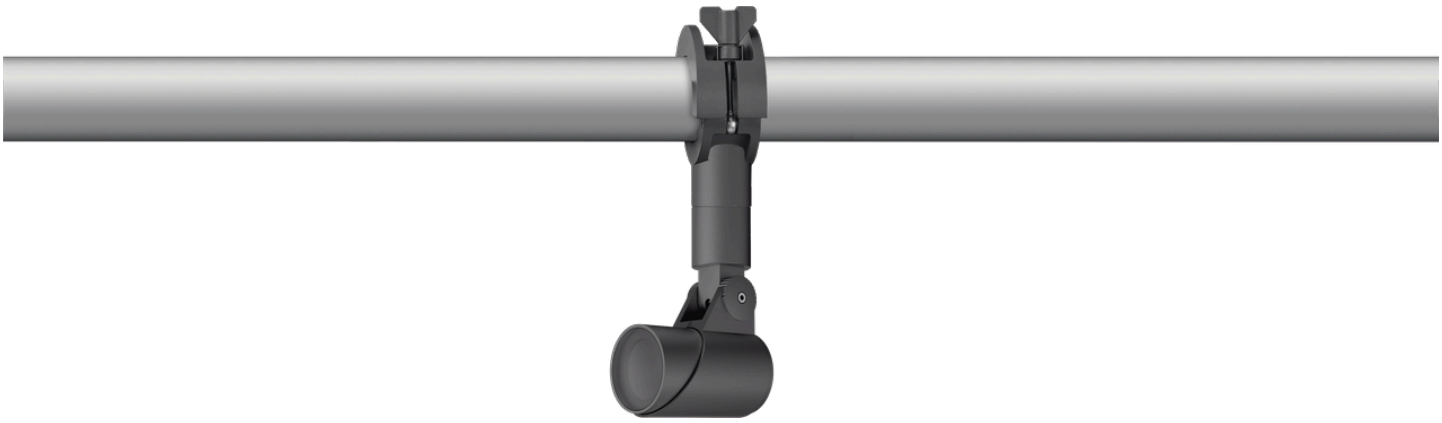


RAIL66

FLC301 Space frame

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

Mains voltage versions only, ON-OFF Class I. 1-10 V analogue dimming or DALI interface available on request (converter in thermally-separated compartment); refer to accessory listings.

Optical accessories are factory-installed. To be specified at time of ordering.

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

Space Frame	4 W	332 – 450 lm	IP66 / IK07
Variant	Wattage	Rated lumens	IP / IK

Lighting

Light distribution

[B] symmetric, wide beam

[M] symmetric, medium beam

[E] symmetric, narrow beam

[EE] symmetric, very narrow beam

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

Colour temperature

2700K

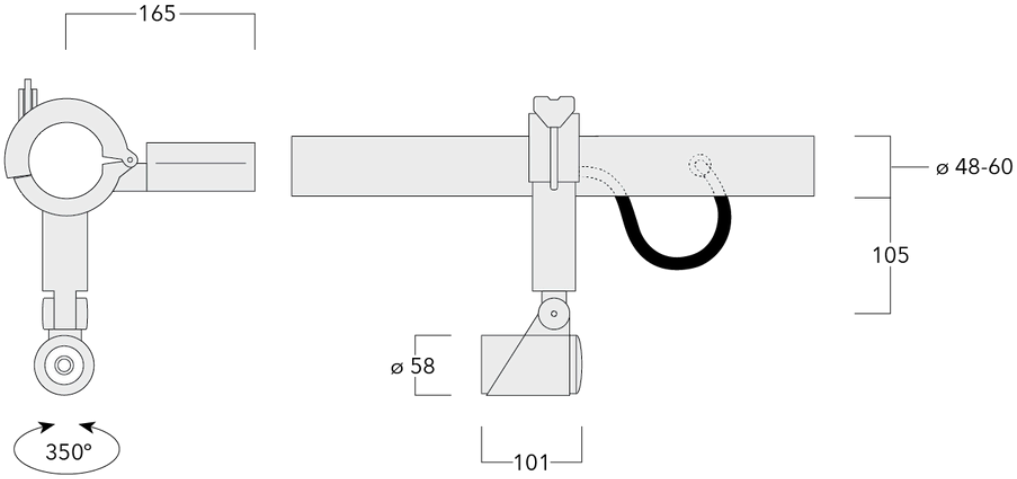
3000K

4000K

Wattage

4 W

Physical description



Diameter	58 mm
Weight	1.7 kg
Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	RAL9004 Signal black; RAL9007 Grey aluminium; RAL7016 Anthracite grey; RAL9016 Traffic white; RAL9006 White aluminium
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Mounting	Including terminal box, for mounting on ø 48-60 mm pipes or space frames
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE

Electrical description

Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Energy efficiency	D-E (Light source)

Additional information

Lifetime	Ta=25° L90B10 > 90000h

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[B] symmetric, wide beam	145-7270	LED-1/4W/2700K	379.1 lm	5 W	80
	145-7271	LED-1/4W/3000K	379.1 lm	5 W	80
	145-7272	LED-1/4W/4000K	410.1 lm	5 W	80
[E] symmetric, narrow beam	145-7276	LED-1/4W/2700K	415.2 lm	5 W	80
	145-7277	LED-1/4W/3000K	415.2 lm	5 W	80
	145-7278	LED-1/4W/4000K	449.1 lm	5 W	80
[EE] symmetric, very narrow beam	145-7279	LED-1/4W/2700K	415.5 lm	5 W	80
	145-7279+145-7229	LED-1/4W/2700K	406.1 lm	5 W	80
	145-7280	LED-1/4W/3000K	415.5 lm	5 W	80
	145-7280+145-7229	LED-1/4W/3000K	406.1 lm	5 W	80
	145-7281	LED-1/4W/4000K	449.5 lm	5 W	80
	145-7281+145-7229	LED-1/4W/4000K	439.2 lm	5 W	80
[EES] symmetric, very narrow beam, sharp cut-off	145-7282	LED-1/4W/2700K	382.2 lm	5 W	80
	145-7283	LED-1/4W/3000K	382.2 lm	5 W	80
	145-7284	LED-1/4W/4000K	411.6 lm	5 W	80
[M] symmetric, medium beam	145-7273	LED-1/4W/2700K	398.4 lm	5 W	80
	145-7273+145-7230	LED-1/4W/2700K	331.8 lm	5 W	80
	145-7274	LED-1/4W/3000K	398.4 lm	5 W	80
	145-7274+145-7230	LED-1/4W/3000K	331.8 lm	5 W	80
	145-7275	LED-1/4W/4000K	431 lm	5 W	80
	145-7275+145-7230	LED-1/4W/4000K	358.8 lm	5 W	80

RAIL66

FLC301 Space frame

we-ef

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Subject to technical changes and errors.