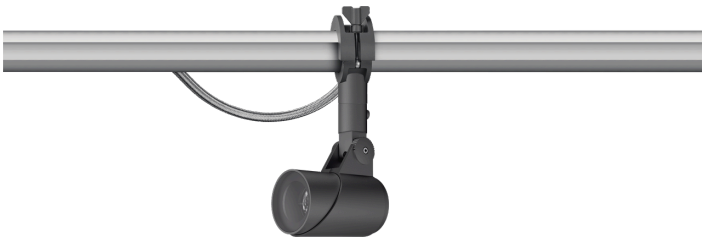


RAIL66

FLC311 RAIL66

IP66. IK08. 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. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Mains voltage versions, ON-OFF Class I. 1-10 V analogue dimming or DALI interface available on request; refer to accessory listings.

Including 0.4 m of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system.

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

RAIL66	6 – 12 W	409 – 1238 lm	IP66 / IK08
Variant	Wattage	Rated lumens	IP / IK

Lighting

Light distribution

[B] symmetric, wide beam

[M] symmetric, medium beam

[EE] symmetric, very narrow beam

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

Colour temperature

2700K

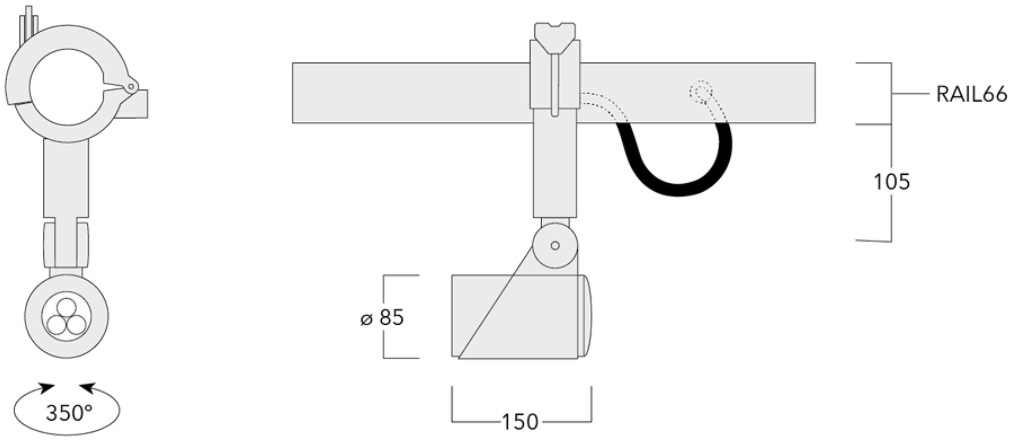
3000K

4000K

Wattage

6 W
9 W
12 W

Physical description



Diameter	85 mm
Weight	2.1 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 0.4 m of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.045 m^2

Electrical description

Driver / Ballast	Integral EC electronic converter
Cable	Including 0.4 m of flexible cable
Energy efficiency	D-E (Light source)

Additional information

Listings	Knuckle permits 350° rotation, forward tilt 60° and backward tilt 90°.
Lifetime	Ta=25° L90B10 > 90000h

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[B] symmetric, wide beam	145-7708	LED-3/6W/2700K	595.4 lm	7.5 W	80
	145-7711	LED-3/6W/3000K	595.4 lm	7.5 W	80
	145-7714	LED-3/6W/4000K	641.2 lm	7.5 W	80
	145-7709	LED-3/9W/2700K	835.8 lm	11 W	80
	145-7712	LED-3/9W/3000K	835.8 lm	11 W	80
	145-7715	LED-3/9W/4000K	893.1 lm	11 W	80
	145-7710	LED-3/12W/2700K	1122.1 lm	13.9 W	80
	145-7713	LED-3/12W/3000K	1122.1 lm	13.9 W	80
	145-7716	LED-3/12W/4000K	1213.7 lm	13.9 W	80
[EE] symmetric, very narrow beam	145-7726	LED-3/6W/2700K	605.2 lm	7.5 W	80
	145-7726+145-7781	LED-3/6W/2700K	539.2 lm	7.5 W	80
	145-7729	LED-3/6W/3000K	605.2 lm	7.5 W	80
	145-7729+145-7781	LED-3/6W/3000K	539.2 lm	7.5 W	80
	145-7732	LED-3/6W/4000K	651.7 lm	7.5 W	80
	145-7732+145-7781	LED-3/6W/4000K	580.6 lm	7.5 W	80
	145-7727	LED-3/9W/2700K	849.6 lm	11 W	80
	145-7727+145-7781	LED-3/9W/2700K	756.9 lm	11 W	80
	145-7730	LED-3/9W/3000K	849.6 lm	11 W	80
	145-7730+145-7781	LED-3/9W/3000K	756.9 lm	11 W	80
	145-7733	LED-3/9W/4000K	907.8 lm	11 W	80
	145-7733+145-7781	LED-3/9W/4000K	808.7 lm	11 W	80
	145-7728	LED-3/12W/2700K	1140.5 lm	13.9 W	80
	145-7728+145-7781	LED-3/12W/2700K	1016.1 lm	13.9 W	80
	145-7731	LED-3/12W/3000K	1140.5 lm	13.9 W	80
	145-7731+145-7781	LED-3/12W/3000K	1016.1 lm	13.9 W	80
	145-7734	LED-3/12W/4000K	1233.6 lm	13.9 W	80
	145-7734+145-7781	LED-3/12W/4000K	1099.1 lm	13.9 W	80
[EES] symmetric, very narrow beam, sharp cut-off	145-7735	LED-3/6W/2700K	606.3 lm	7.5 W	80
	145-7735+145-7781	LED-3/6W/2700K	528.4 lm	7.5 W	80
	145-7738	LED-3/6W/3000K	606.3 lm	7.5 W	80
	145-7738+145-7781	LED-3/6W/3000K	528.4 lm	7.5 W	80
	145-7741	LED-3/6W/4000K	656.8 lm	7.5 W	80
	145-7741+145-7781	LED-3/6W/4000K	572.4 lm	7.5 W	80
	145-7736	LED-3/9W/2700K	858.9 lm	11 W	80
	145-7736+145-7781	LED-3/9W/2700K	748.5 lm	11 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	145-7739	LED-3/9W/3000K	858.9 lm	11 W	80
	145-7739+145-7781	LED-3/9W/3000K	748.5 lm	11 W	80
	145-7742	LED-3/9W/4000K	922 lm	11 W	80
	145-7742+145-7781	LED-3/9W/4000K	803.6 lm	11 W	80
	145-7737	LED-3/12W/2700K	1149.4 lm	13.9 W	80
	145-7737+145-7781	LED-3/12W/2700K	1001.7 lm	13.9 W	80
	145-7740	LED-3/12W/3000K	1149.4 lm	13.9 W	80
	145-7740+145-7781	LED-3/12W/3000K	1001.7 lm	13.9 W	80
	145-7743	LED-3/12W/4000K	1237.8 lm	13.9 W	80
	145-7743+145-7781	LED-3/12W/4000K	1078.8 lm	13.9 W	80
[M] symmetric, medium beam	145-7717	LED-3/6W/2700K	600.4 lm	7.5 W	80
	145-7717+145-7782	LED-3/6W/2700K	408.7 lm	7.5 W	80
	145-7720	LED-3/6W/3000K	600.4 lm	7.5 W	80
	145-7720+145-7782	LED-3/6W/3000K	408.7 lm	7.5 W	80
	145-7723	LED-3/6W/4000K	646.6 lm	7.5 W	80
	145-7723+145-7782	LED-3/6W/4000K	440.1 lm	7.5 W	80
	145-7718	LED-3/9W/2700K	842.9 lm	11 W	80
	145-7718+145-7782	LED-3/9W/2700K	573.7 lm	11 W	80
	145-7721	LED-3/9W/3000K	842.9 lm	11 W	80
	145-7721+145-7782	LED-3/9W/3000K	573.7 lm	11 W	80
	145-7724	LED-3/9W/4000K	900.6 lm	11 W	80
	145-7724+145-7782	LED-3/9W/4000K	613 lm	11 W	80
	145-7719	LED-3/12W/2700K	1131.6 lm	13.9 W	80
	145-7719+145-7782	LED-3/12W/2700K	770.2 lm	13.9 W	80
	145-7722	LED-3/12W/3000K	1131.6 lm	13.9 W	80
	145-7722+145-7782	LED-3/12W/3000K	770.2 lm	13.9 W	80
	145-7725	LED-3/12W/4000K	1224 lm	13.9 W	80
	145-7725+145-7782	LED-3/12W/4000K	833.1 lm	13.9 W	80

RAIL66

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Subject to technical changes and errors.