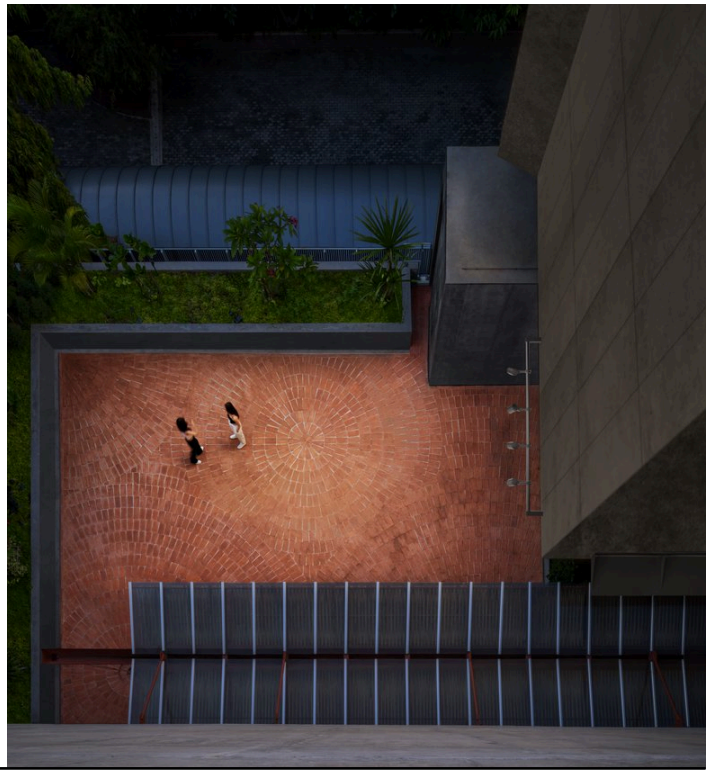


RAIL66

FLC321 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, DALI interface Class I. 1-10 V analogue dimming available on request; refer to accessory listings.

24VDC low voltage versions, 0-10 V analogue dimming (only 12-18W available) Class III available on request.

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	12 – 26 W	888 – 2565 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

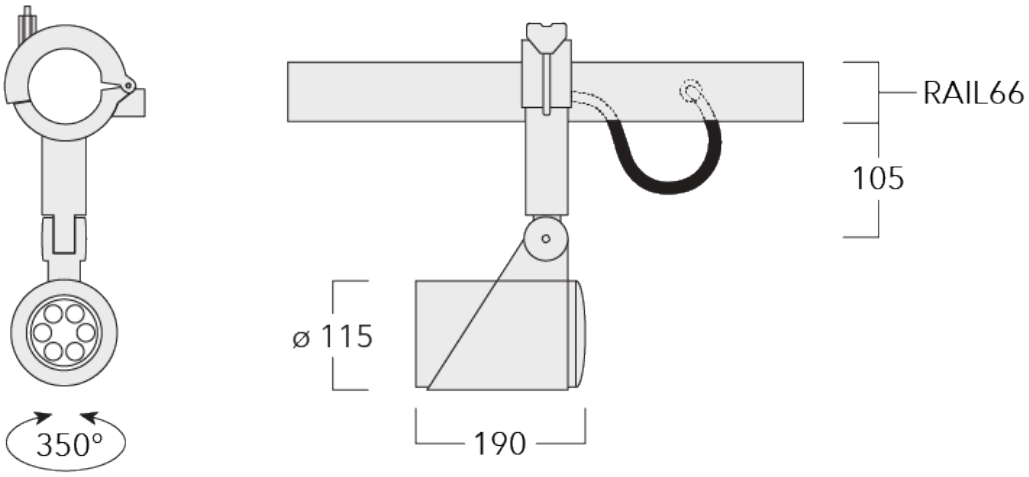
3000K

4000K

Wattage

12 W
18 W
26 W

Physical description



Diameter	115 mm
Weight	3.4 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
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	0.065 m^2

Electrical description

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

Additional information

Listings	Knuckle permits 350° rotation, forward tilt 50° 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	145-7924	LED-6/12W/2700K	887.8 lm	14.5 W	80
	145-7926	LED-6/12W/3000K	953.5 lm	14.5 W	80
	145-7928	LED-6/12W/4000K	1019.3 lm	14.5 W	80
	145-7925	LED-6/18W/2700K	1233 lm	21 W	80
	145-7927	LED-6/18W/3000K	1331.7 lm	21 W	80
	145-7929	LED-6/18W/4000K	1413.9 lm	21 W	80
	145-7356	LED-6/26W/2700K	1665.8 lm	27 W	80
	145-7357	LED-6/26W/3000K	1761.9 lm	27 W	80
	145-7358	LED-6/26W/4000K	1842 lm	27 W	80
[EE] symmetric, very narrow beam	145-7936	LED-6/12W/2700K	1224.7 lm	14.5 W	80
	145-7936+145-9991	LED-6/12W/2700K	1096 lm	14.5 W	80
	145-7938	LED-6/12W/3000K	1315.4 lm	14.5 W	80
	145-7938+145-9991	LED-6/12W/3000K	1177.2 lm	14.5 W	80
	145-7940	LED-6/12W/4000K	1406.2 lm	14.5 W	80
	145-7940+145-9991	LED-6/12W/4000K	1258.4 lm	14.5 W	80
	145-7937	LED-6/18W/2700K	1701 lm	21 W	80
	145-7937+145-9991	LED-6/18W/2700K	1522.2 lm	21 W	80
	145-7939	LED-6/18W/3000K	1837.1 lm	21 W	80
	145-7939+145-9991	LED-6/18W/3000K	1644 lm	21 W	80
	145-7941	LED-6/18W/4000K	1950.5 lm	21 W	80
	145-7941+145-9991	LED-6/18W/4000K	1745.5 lm	21 W	80
	145-7362	LED-6/26W/2700K	2258.5 lm	27 W	80
	145-7362+145-9991	LED-6/26W/2700K	2027.2 lm	27 W	80
	145-7363	LED-6/26W/3000K	2388.8 lm	27 W	80
	145-7363+145-9991	LED-6/26W/3000K	2144.1 lm	27 W	80
	145-7364	LED-6/26W/4000K	2497.4 lm	27 W	80
	145-7364+145-9991	LED-6/26W/4000K	2241.6 lm	27 W	80
[EES] symmetric, very narrow beam, sharp cut-off	145-7942	LED-6/12W/2700K	1259.7 lm	14.5 W	80
	145-7942+145-9991	LED-6/12W/2700K	1125.5 lm	14.5 W	80
	145-7944	LED-6/12W/3000K	1353 lm	14.5 W	80
	145-7944+145-9991	LED-6/12W/3000K	1208.8 lm	14.5 W	80
	145-7946	LED-6/12W/4000K	1446.3 lm	14.5 W	80
	145-7946+145-9991	LED-6/12W/4000K	1292.2 lm	14.5 W	80
	145-7943	LED-6/18W/2700K	1749.6 lm	21 W	80
	145-7943+145-9991	LED-6/18W/2700K	1563.1 lm	21 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	145-7945	LED-6/18W/3000K	1889.5 lm	21 W	80
	145-7945+145-9991	LED-6/18W/3000K	1688.2 lm	21 W	80
	145-7947	LED-6/18W/4000K	2006.2 lm	21 W	80
	145-7947+145-9991	LED-6/18W/4000K	1792.4 lm	21 W	80
	145-7365	LED-6/26W/2700K	2319.7 lm	27 W	80
	145-7365+145-9991	LED-6/26W/2700K	2158.4 lm	27 W	80
	145-7366	LED-6/26W/3000K	2453.5 lm	27 W	80
	145-7366+145-9991	LED-6/26W/3000K	2282.9 lm	27 W	80
	145-7367	LED-6/26W/4000K	2565 lm	27 W	80
	145-7367+145-9991	LED-6/26W/4000K	2386.7 lm	27 W	80
[M] symmetric, medium beam	145-7930	LED-6/12W/2700K	1162.6 lm	14.5 W	80
	145-7930+145-9993	LED-6/12W/2700K	991.7 lm	14.5 W	80
	145-7932	LED-6/12W/3000K	1248.7 lm	14.5 W	80
	145-7932+145-9993	LED-6/12W/3000K	1065.2 lm	14.5 W	80
	145-7934	LED-6/12W/4000K	1334.9 lm	14.5 W	80
	145-7934+145-9993	LED-6/12W/4000K	1138.6 lm	14.5 W	80
	145-7931	LED-6/18W/2700K	1614.8 lm	21 W	80
	145-7931+145-9993	LED-6/18W/2700K	1377.4 lm	21 W	80
	145-7933	LED-6/18W/3000K	1743.9 lm	21 W	80
	145-7933+145-9993	LED-6/18W/3000K	1487.6 lm	21 W	80
	145-7935	LED-6/18W/4000K	1851.6 lm	21 W	80
	145-7935+145-9993	LED-6/18W/4000K	1579.4 lm	21 W	80
	145-7359	LED-6/26W/2700K	2179.3 lm	27 W	80
	145-7359+145-9993	LED-6/26W/2700K	1807.9 lm	27 W	80
	145-7360	LED-6/26W/3000K	2305 lm	27 W	80
	145-7360+145-9993	LED-6/26W/3000K	1912.2 lm	27 W	80
	145-7361	LED-6/26W/4000K	2409.8 lm	27 W	80
	145-7361+145-9993	LED-6/26W/4000K	1999.1 lm	27 W	80

RAIL66

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Subject to technical changes and errors.