

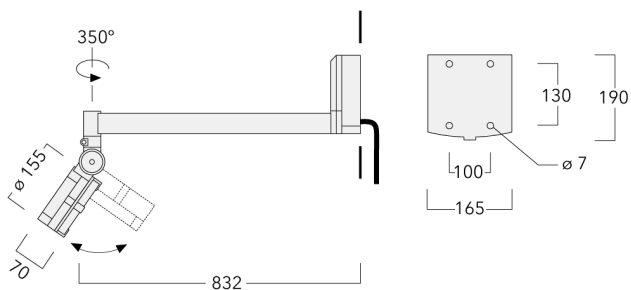


Description

IP55, Class I. IK07. Marine-grade, all-aluminium construction. 5CE superior corrosion protection 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® One LED Concept. Two cable entries.

Knuckle permits 350° horizontal and 180° vertical aiming of optics.



Specifications

Material description

Body	Marine-grade, all-aluminium construction			
Lens	Safety glass lens			
Colours	RAL9004	RAL9016	RAL7016	RAL9007
	Signal black	Traffic white	Anthracite grey	Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket			
Fasteners	PCS hardware			
Ingress protection	IP55			
Impact resistance	IK07			
Corrosion resistance	5CE			

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Surge protection	1/2 kV
Energy efficiency	C-D (Light source)

Additional information

Listings	Knuckle permits 350° horizontal and 180° vertical aiming of optics
Lifetime	Ta=25° L90B10 > 90000h

Options

Light distribution

Colour temperature

Nominal Watt



[M] symmetric, medium beam

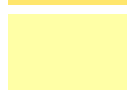


3000K

24 W



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



4000K



[B] symmetric, wide beam







2700K



[EE] symmetric, very narrow beam

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	146-0972	LED-12/24W/2700K	2522.3 lm	24 W	80
	146-0512	LED-12/24W/3000K	2709.2 lm	24 W	80
	146-0513	LED-12/24W/4000K	2896 lm	24 W	80
[B] symmetric, wide beam					
	146-0974	LED-12/24W/2700K	2684.8 lm	24 W	80
	146-0515	LED-12/24W/3000K	2883.7 lm	24 W	80
	146-0516	LED-12/24W/4000K	3082.5 lm	24 W	80
[EE] symmetric, very narrow beam					
	146-0975	LED-12/24W/2700K	2865.6 lm	24 W	80
	146-0408	LED-12/24W/3000K	3077.9 lm	24 W	80
	146-0409	LED-12/24W/4000K	3290.2 lm	24 W	80
[EES] symmetric, very narrow beam, sharp cut-off					
	146-0973	LED-12/24W/2700K	2791.8 lm	24 W	80
	146-0405	LED-12/24W/3000K	2998.6 lm	24 W	80
	146-0406	LED-12/24W/4000K	3205.4 lm	24 W	80
[M] symmetric, medium beam					