

WARRIOR SPI Conveyor LED Heavy Industrial Conveyor Light

rayTEC®



Easy Maintenance

Featuring a unique modular design, key components are easily accessible for straightforward maintenance and inspection.



Intelligent Emergency

Self-testing emergency battery providing up to 3 hours emergency back-up.



Bespoke LED

Raytec are specialists in LEDs and all our products are designed around LEDs with bespoke housing for optimum performance and reliability.



Robust and Durable

Robust and durable construction from marine grade aluminium and with a wide operating temperature for even the most challenging conditions.

5 YEAR WARRANTY

All Raytec luminaires are provided with an industry leading 5 year warranty and have an expected useful life in excess of 10 years. See Warranty Statement for details.



Technical Specifications

Electrical

Input	150-264Vac 186-264Vdc
Power	Standard - 31W Emergency -34W
Termination	Incoming terminal block suitable for 4 core 4mm ² (6mm ² available)
Power Factor	>0.9
Cable Entries	1x M25 Cable entry M20 available on request, please contact Raytec for more details

Optical

Beam Patterns	20x155, 90x90, 60x60
Lumen output on mains	3890
LED type	Platinum Elite SMT LEDs
Number of LEDs	12
CRI	70+
Colour Temperature	4000K standard

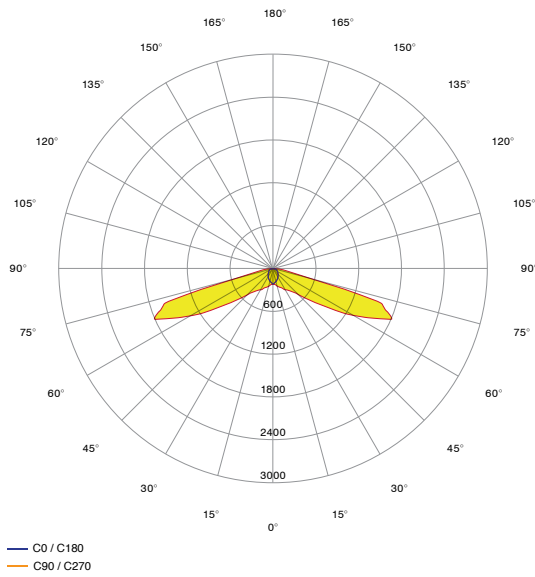
Mechanical

IP Rating	IP66
IK Rating	IK10
Vibration	BSEN 60068-2-6:2008
Temperature Range	Standard (-40°+55°) Emergency (-20°+50°)
Weight	Standard 4.4KG & Emergency 5.5KG
Enclosure	Marine grade aluminium epoxy powder coated, UV stabilised polycarbonate, all external fasteners and brackets are marine grade stainless steel
Unit Colour	Silver (RAL 9006)
Installation Instructions	TBC
Dimensions	See Dimension Sketches
Mounting	32-45mm Spigot Mount

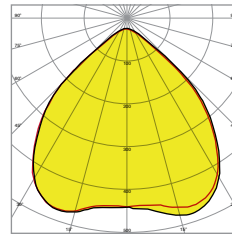
Emergency / Intelligent Emergency

Function	Self-testing intelligent emergency
System health indicator	Tri-colour LED indicator
Emergency Duration	Up to 3hrs @ 25% power
Emergency Battery	NiMH 6V
Emergency Charge Time	24 Hours

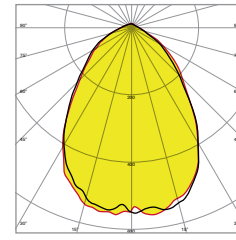
Light Distribution



20x155 - Standard



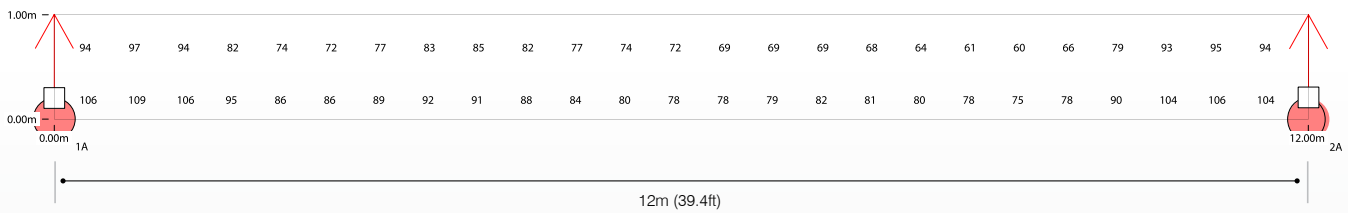
90x90



60x60

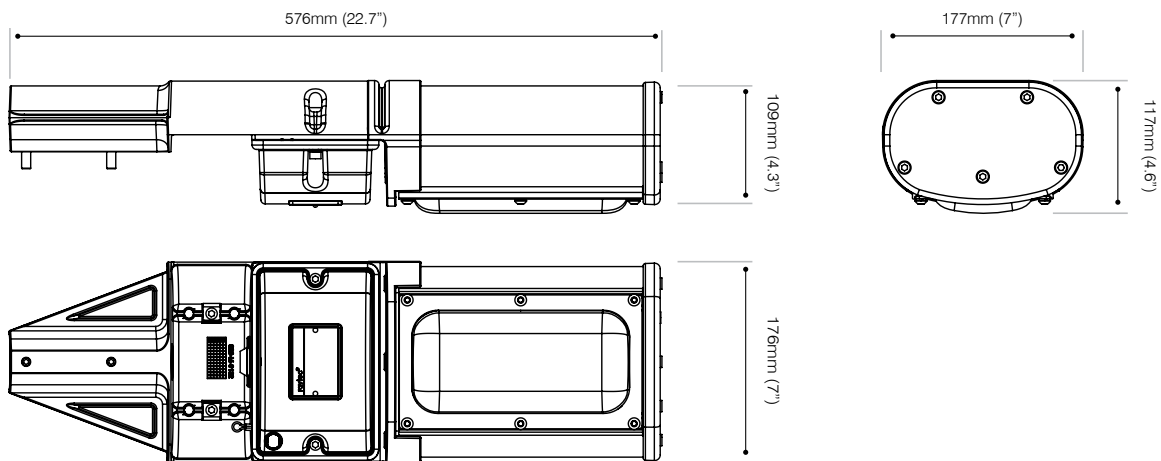
Uniformity

Mounting height	2.4m
Maintenance factor	0.7
Tilt	5 degrees
Outreach	0.3m
Spacing	12m
Walkway width	1m



Eav	83.5lux
Emin	60lux
Emax	108lux
Emin/Emax	0.55
Emin / Eav	0.71

Product Dimensions



Part Code Builder

Standard: Example SPI-CL12-EMX25

Family	Model	Emergency	CCT	Optics	Entry
SPI	CL12	Not Stated - Non EM	Not Stated - 4000K	Not Stated - 20x155	Not Stated - M25
		EMX25 - (25% for 3 hours)	65K - 6500K	60x60	M20
				90x90	