Stella R 150W

Technical Specification

Water and shock protected EX LED fixture for heavy duty applications in hot, wet and cold conditions. Extreme long range. Vibration resistant. Powder coated high purity aluminum body. Built in lens protection. Multiple rectangular light pictures via patented prismatic hardened glass lens system. Extra low glare/light pollution (as per EU Night Sky Directive).

Heavy Duty bracket included. Safety chain as option.

LED pack and ballast easily replaceable.

Complies with strict EMI regulations. Does not interfere with WiFi, mobile data (3G/4G/5G) or electronics.

Suitable for corrosive atmospheres and EX zones 1, 2, 21 and 22.

Use areas

RTG/RMG cranes, mobile masts, poles up to 24m, warehouses and workshops up to 24m, paint shops, chemical industry, sawmills, heavy equipment, construction sites, oil platforms, general lighting in tough environments.
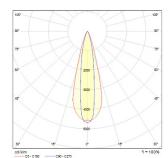
Technical Data

Luminaire lumen	16,500 (+/-3% dep. on optics)
EX code	EXII 2 G EX d IIC T4 Gb
	EXII 2 D EX d IIIC T4 Db
Mains (input) voltage	100 - 277 VAC, 50/60Hz
Total weight	8 kg: fixture including ballast
Dimensions	250mm x 250mm x 220mm
Wind area	0.032m2 per fixture inc. ballast
Form of protection	IP 67, class I
Corrosion resistance	1000h salt-spray tested
Vibration resistance	5G
Wind speed design	55 m/s
Temp. tolerance	+60°C to -40°C
Color temperature	4000°K (3000°K/5 000°K)
Color rendering	CRI 70+
LED life exp.	100 000h+ to 80% output.
LM80	L80 100,000h
Light-source	18x Hi-power LED
Energy consumption	150W-160W
Start time	0.5 sec. to maximum lumen output
Ballast	10kV SP, SCP, OVP, OTP, SELV
Safety glass	Tempered glass prismatic lens
Light dissemination	Several rectangular light pictures depending on use (15° to 140°)
Options	Pole mount, wire mount.