

stella RH

470W



Technical Specification

Water and shock protected LED fixture for long-term heavy-duty applications. Variable power output. Hi-lumen and uniformity. 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, marine and Zone 2:2 EX applications.

Use areas

QC/STS and RMG cranes of any size, mobile masts, poles up to 50m, warehouses, workshops, hangars and ship-yards up to 80m, mining applications, heavy equipment, construction sites, general lighting in tough environments.

Technical Data

Mains (input) voltage	90 - 305 VAC, 50-60Hz
Total weight	17 kg: fixture including ballast
Dimensions	400mm x 400mm x 220mm
Wind area	0.126m ² per fixture inc. ballast
Form of protection	IP 67, class I
Corrosion resistance	Salt-spray 1000h
Vibration resistance	5G during extended periods
Wind speed design	55 m/s
Temp. tolerance	+60°C to -40°C
Color temperature	4000°K
Color rendering	CRI 80+
Luminaire lumen	63 500 (+/-3% dep. on optics)
LED life exp.	100 000h+ to 80% output.
LM80	L80 100,000h
Light-source	144x Hi-power 5050 LED
Energy consumption	470-480 W
Start time	0.5 sec. to max lumen output
Ballast	Dimming and DALI available
Surge protection	10KV (20KV option)
Safety glass	Tempered prismatic glass lens
Light dissemination	Several rectangular light pictures depending on use (25° to 140°)

