

Stella R

500W

Technical Specification

Water and shock protected LED fixture for long-term heavy-duty applications in all environments. High lumen and high 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.

Ballast can be placed up to 50m away (for example in the bottom of a hi-mast) or be attached the body.

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

Suitable for corrosive atmospheres, Marine and Zone 2 EX applications.

Use areas

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

Technical Data

Lumen efficacy	170lm/W
Chip lumen	Approx. 85 000
Lumen output	approx. 70 000 dep. on optics
Mains (input) voltage	90 - 305 VAC, 50-60Hz
Total weight	18 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 rendering	4000°K
LED life exp.	CRI 70+ (80 option)
LM80	100 000h+ to 80% output.
Light-source	L80 100,000h
Energy consumption	144x Hi-power 5050 LED
Start time	500 W
Ballast	0.5 sec. to max lumen output
Surge protection	Dimming. (DMX or DALI option)
Safety glass	10KV (20KV option)
Light dissemination	Tempered prismatic glass lens Several rectangular light pictures depending on use (25° to 140°)

