

Stella R

600W

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
Chip lumen
Lumen output
Mains (input) voltage
Total weight
Dimensions
Wind area
Form of protection
Corrosion resistance
Vibration resistance
Wind speed design
Temp. tolerance
Color rendering
LED life exp.
LM80
Light-source
Energy consumption
Start time
Ballast
Surge protection
Safety glass
Light dissemination

170lm/W
Approx. 100 000
approx. 80 000 dep. on optics
90 - 305 VAC, 50-60Hz
18 kg: fixture including ballast
400mm x 400mm x 220mm
0.126m² per fixture inc. ballast
IP 67, class I
Salt-spray 1000h
5G during extended periods
55 m/s
+40°C to -40°C
4000°K
CRI 70+ (80 option)
100 000h+ to 80% output.
L80 100,000h
144x Hi-power 5050 LED
600 W
0.5 sec. to max lumen output
Dimming. (DMX or DALI option)
10KV (20KV option)
Tempered prismatic glass lens
Several rectangular light pictures depending on use (25° to 140°)

