



STELLA LITE 50-200W



SWEDISH
SUSTAINABLE
FUTURE-PROOF



STELLA LITE 50-200W

The Stella Lite range is a sustainability initiative initiated by Primalence. By combining LED card, driver and primary lenses in one easy-to-replace card (light engine AKA LED module) and placing it in a very robust IP67 casing, the life of the fixture as a whole is increased by order of magnitude. The light engine will last 5-10 years depending on the local conditions, but the fixture will last 50 years or more.

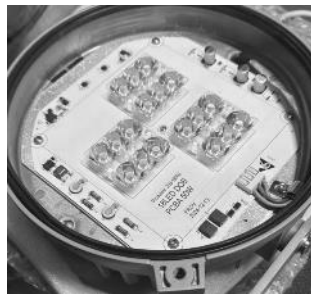
CHARACTERISTICS

APPLICATIONS

Stella Lite is ideal for long hours in any heavy duty applications. The robust construction and quick and easy field maintenance will reduce any down time. It's flexible design makes it useful in many fields.

EXTREME ENVIRONMENTS

Stella LED withstand continuous 5G vibrations on cranes, tested for 1000h salt spray (C5 marin), IP67, +50C° ambient and can resist short bursts of 300°C (such as above smelting).



Light-engine (50W)



SUSTAINABILITY

The 95% of the Stella is recyclable glass and aluminium, but the main sustainability lies in its long design lifespan. Made to last 50 years with easy maintenance and replaceable light-engine.

OPTICS

Prismalence prismatic lenses of hardened glass. Superior to plastics in UV stability, abrasion resistance and temperature tolerance. The patented system gives reduced glare, high uniformity and long range.



TECHNICAL DATA

STELLA LITE	50W	100W	200W
Lumen (ca output)	7000 lm	14 000 lm	28 000 lm
EX	Zon 2 och 22		
Weight	6kg		12kg
Dimensions	250 x 250 x 200 mm		400 x 400 x 250 mm
Wind area	0,03m2		0,07m2
Protection class	IP67, klass I		
Corrosion resistance	1000h saltspray (C5 marin)		
Vibration resistance	5G		
Temperature tolerance	+50°C to -40°C		
Colour temperature	4000K (other K available on request)		
Colour rendering	CRI 90 +		
Estimated LED life	L70B10 100 000h (L90B10 50 000h)		
Driver	Prismalence custom DOB (driver on board)		
Optics	Full range of Prismalence hardened glass prismatic lenses 15–140°		