



STELLA LITE 30-230W



SWEDISH
SUSTAINABLE
FUTURE-PROOF

STELLA LITE 30-230W

The Stella Lite range is a sustainability initiative initiated by Prismalence. 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.

QUALITIES

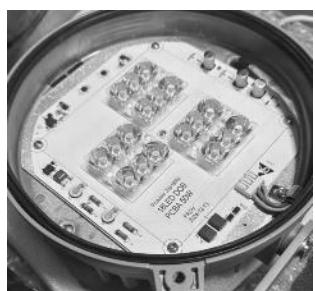


APPLICATIONS

Stella Lite is ideal for long hours in any application. The robust construction and quick and easy field maintenance will reduce any down time. Its flexible design, low glare and high colour rendering makes it useful in many fields.

EXTREME ENVIRONMENTS

Stella Lite withstands continuous 5G vibrations on port-crane, is tested for 1000h salt spray (C5 marine), is IP67, tolerates +50/-40C° and can resist bursts of 300°C (such as above iron smelting).



Replaceable Light engine (50W)



SUSTAINABILITY & FUTURE

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



TECHNICAL DATA



STELLA LITE	30W	50W	110W	230W
Lumen (ca output)	3000lm	6500lm	14 000lm	29 000lm
EX	Zone 2 and 22			
Weight	6kg			12 kg
Dimension	250 x 250 x 200 mm			400 x 400 x 250mm
Wind-area	0,032m2			0,07 m2
Protection class	IP67, class I			
Corrosion resistance	1000h salt spray (C5 marine)			
Vibration resistance	5G			
Temperature tolerance	+50°C / -40°C			
Colour temperature	4000K			
Colour rendering	CRI 90 +			
Expected Lightsource lifespan	L70B10 100 000h (L90B10 50 000h)			
Driver	DOB (driver on board)			
Optics	Prismatic optics in hardened glass 15-140° symmetric or asymmetric			



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www.prismalence.se