



P855-288

TECHNICAL DATASHEET

P855-288 a highly innovative, high mast LED luminaire with 360° rotating STAR-optic®. The functional yet compact design delivers exceptionally powerful optical and thermal performance, whilst maintaining a low weight and wind area.

360 degree rotation delivers unlimited freedom in lighting design regardless of luminaire orientation, while optimising energy efficiency for even the most challenging scheme.

It is the ultimate solution to replace traditional High Mast HID sources.



SPECIFICATION

Light Source	High Power CSP LEDs
Number of LEDs	288
Power Consumption	104 - 411W
Correlated Colour Temperature	Neutral White, 4000K (3000K option available)
Glare Class	Up to G6
Colour Rendering Index	>70
Optical Cover	Flat Glass
Luminaire Luminous Flux	16498 ~ 61220 lm
Luminaire Efficacy	149 - 160 lm/W
Electrical Class	I
Input Voltage Range	220-240V 50/60Hz
Lumen Maintenance Output	L85 @ 100,000 hrs (Full power with Ta = 25°C)
Driver Current	200mA ~ 1000mA (in 25mA steps)
Surge Protection	10 kV Common Mode, 6 kV Diff. Mode to IEC 61000-4-5
Lighting Regulation	Mini Photocell, 7-pin ANSI NEMA Socket, Zhaga book 18 socket(s), Wireless CMS options
Operating Temperature	-40°C to +40°C (>25°C needs reduced operating power)
Installation Height	15 - 40m
Installation	Ø 42 - 60mm x 100mm Side Entry
Accessories	Bird spikes, Light Shields, Solar Shield
Material	High pressure die cast aluminium (housing)
Finish	Polyester powder coat cured under heat
Colours	Light grey (RAL 7035), other RAL colours available on request
Ingress Protection	IP66 (LED and driver compartment) IP44 (connection compartment)
Wind Area (SCx)	0.085m ²
Weight	17kg

P855-288

TECHNICAL DATASHEET

