



Solar LED High Mast

High Power LED Flood Lighting

Specifications

- The Solar LED high mast design is a robust and durable Solar lighting solution for those areas which require high quality in design and performance .
- This model is supplied with 4 x 150w Philips SMD LEDs with a lumen output of 130.80lm/w. Lighting parameters are programmed for, 5Hrs 100%, 8.5Hrs 70%.
- Light distribution is supplied with PC lenses, designed for a smart beam 90 x 90 degree optics
- The battery is designed to cater for 2 nights of runtime and requires 5 hours to replenish its reserves.

Light	Power	4 x 150w
	LED	Philips 3030 SMD
	IP Rating	IP66
	Flux@ CCT 5500 - 5700K	4 X 21190Lm
	CRI - Colour Rendering Index	L70
	Optics	PC lens with smart beam
	Average Lifespan	60 000 hours
	Operating Temperature	- 30 > + 50 Degrees
	Mounting Height	15 meter above ground level
	Light Distribution	90 x 90 degree optical pattern
	Lumen per WATT	130.80 Lumen / watt
	Pole to pole distance	100 meters

Battery	Lithium	LG Life PO4	
	Voltage	25.GV	
	Watt Hours	3072Wh X4	
	Lifespan	Over 2000 Cycles	
Solar Panel	Power	260w x 8	
	Voltage	36V / Pair	
	Maximum current	8.33 Amp	
Controller	Charging method	Mppt	
	Dimming Parameters	100 / 70 / 50 / 30	
	Day night sensor	Intelligent integrated	
	Lighting parameters	5hrs-100%, 7.5hrs-70%	
	Electrical parameters	Temperature compensation	
		Overheating overcharging and over discharging protections	

Battery Cradle and Enclosure	3CR12 steel and powder coated • Manufactured in an SABS approved facility with ISO 9001 & ISO 14001
Pole	Galvanized 3 piece split stubby base pole, 193mm - 176mm - 17m
Warranty	3 years on all components - option to extend

