

SOLAR LED



GALACTIC MAX

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The Galactic Max is the sister product to the Galactic Plus and is an impressive high wattage solar light, available for a wide range of applications. It features a low profile and bifacial solar panel design suitable for remote regions or a no-electric supply zone. The bilateral solar panels increase the overall conversion efficiency by 30%. The Galactic Max comes with a rotatable LED module, worry-free installation, and is virtually maintenance-free. Available with MPPT Intelligent Control, motion sensor, photocell and dimming options.



TYPICAL APPLICATIONS



Urban and Rural Roads, Highways, Water Dikes, Bridges, Parks, Industrial Areas, City Squares, Residential Areas

SPECIFICATIONS

Model	PLIGALM80	PLIGALM100
Optical Characteristics		
Rated Wattage	80W	100W
Lumens	14400	18000
System Efficacy	180Lm/W	
Colour Temperature CCT	6500K / 5700K / 5000K / 4000K / 3000K	
CRI (Ra)	>70 (>80 Optional)	
Reported L70	100,000 Hours	
Lens Optic Type	Type II / Type III	
Electrical Characteristics		
Input	12-24VDC	
Solar Characteristics		
Solar Panel	36V/130W	36V/160W
Photovoltaic Panel	Double Crystal Photovoltaic Panel	
Li-on Battery	25.6V30AH/768WH	25.6V36AH/922WH
Charging Time	6 Hours	
Run Time (Full Power)	10 Hours (36 Hours in Dimming Mode)	
Maximum Autonomy	3 Rainy Days	
Environment		
IP Rating	IP65	
Impact Rating	IK08	
Operating Temperature	-10°C To 50°C	
Product Material and Mounting		
Option 1	Post Top Mount (Spigot & Bracket)	
Product Material	Powder-Coated Die-Cast Aluminium (Anti Corrosion Coating)	
Lens / Optics Material	Polycarbonate Lens	
Dimensions and Weights		
Product Dimensions	1532*522*109	1812*522*109
Warranty & Certifications		
Warranty	3 Year Warranty	
Certifications	SAA / CE / RoHS / FCC	

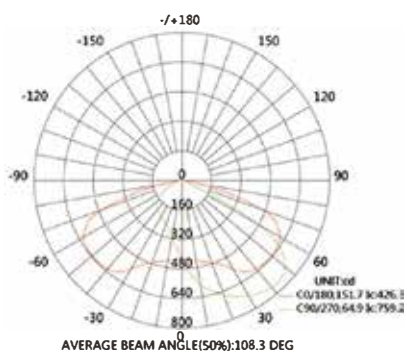
80W



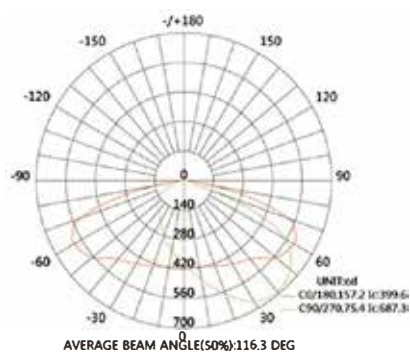
100W



PHOTOMETRIC DIAGRAMS



TYPE II



TYPE III

ORDERING METHODOLOGY

PLI-GALM

XX WATTS	XX CCT	XX LENS TYPE	X CONTROLS
80W 100W	65 (6500K) 57 (5700K) 50 (5000K) 40 (4000K) 30 (3000K)	T2 (TYPE II) T3 (TYPE III)	X (NONE) M (MOTION SENSOR) P (PHOTOCELL) D (DIMMABLE)

ACCESSORIES

POST TOP SPIGOT	PLIGALM/SP
MOTION SENSOR	PLIGALM/M
PHOTOCELL	PLIGALM/P
DIMMABLE	PLIGALM/D
4KV SPD	PLIGALM/4KV
INTELLIGENT CONTROL	PLIGALM/IC

SMART TECHNOLOGY

The Galactic Plus features a built in Smart Lighting Control System that can be controlled remotely via Bluetooth on your smart device and uploaded to a cloud platform. The Smart Controller can be used for Data + Project + IOT management.

