

POLARIS Solar Powered Lighting Fixture 48W



General Application Areas



Hobby
Gardens



Factories

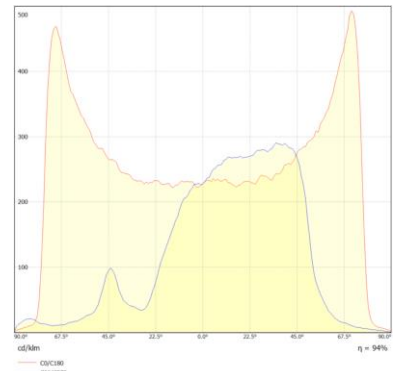


Environmental
Lighting

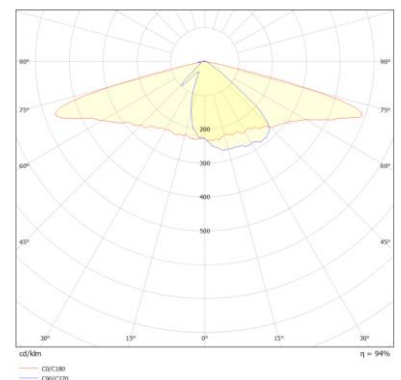
General Information

Solar powered street/environmental lighting luminaire is a lighting luminaire designed to be mounted on poles with a height of 2-4 meters for use in park and landscape lighting and industrial facility perimeter lighting. LED modules with high energy efficiency are used in luminaires with a compact case structure. In addition to different sizes and dimensions, it is classified according to solar panel type and LED power. Different light distribution and power options are available according to the area to be illuminated, and design and production can be made according to the project needs. It provides 20% illumination in still environment and 100% illumination in moving environment. The dim range can be changed with the remote control, and the luminaire can be turned on and off.

Optical Beam Angles



Asymmetric



Asymmetric

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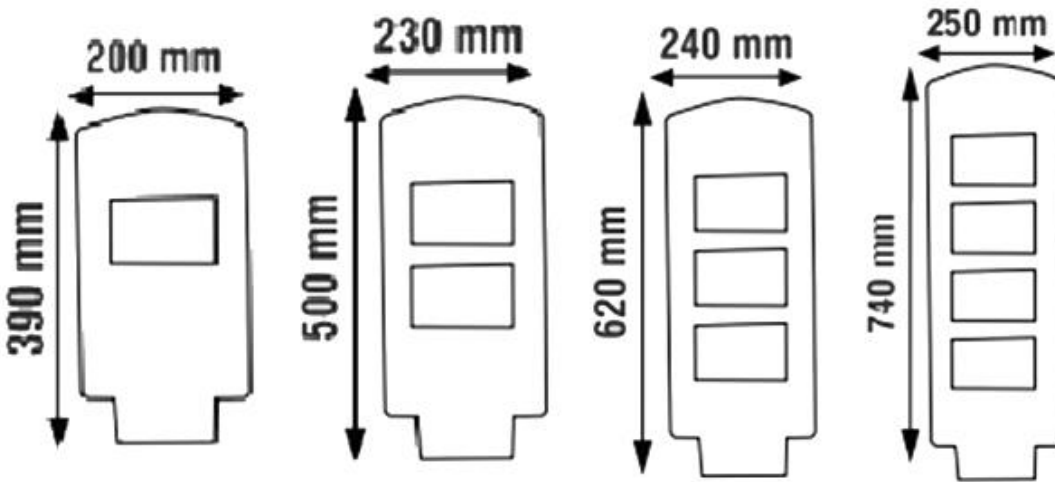
Technical Specifications

Body	:Plastic Injection
IP Protection Class	:IP 65
Luminous Flux	:3000 lm
Light Source	:LED
Test Standards	:TS EN 60598TS, EN 60529, TS EN 62031TS, EN 62262, TS IEC TR 62471TS, EN 62722-2-1

Optical and Electrical Properties

Power	48W	Light Angle	ASM.
CE Marking	Yes	Power Factor	>0,9
Optic	PMMA / PC	Max Voltage Withstand	2kV
Effectiveness Factor	100 lm/W	Color Temperature	3000K/4000K/6500K
Input Voltage	200-240 V AC 50/60 HZ	CRI	>70
Total Harmonic Distortion	<%20	Dimensions	620x240x85 mm

Technical Drawing (Side View) and Connection Diagram



Product Variations

Product Code	Power	Input Voltage	Luminous Flux	Light Angle	Dimensions
PLR-016SM-ASY12-850	16W/Hours	Solar	1000m	ASY°	390x200x85 mm
PLR-032SM-ASY12-850	32 W/Hours	Solar	2000m	ASY°	500x230x85 mm
PLR-048SM-ASY12-850	48 W/Hours	Solar	3000lm	ASY°	620x240x85 mm
PLR-064SM-ASY12-850	64 W/Hours	Solar	40000lm	ASY°	740x250x85 mm