







SOLAR SMD LED HYBRID GARDEN LIGHT 70W LOOX

OVERVIEW

The Solar LED Hybrid Garden Light is a modern and energy-efficient outdoor lighting solution designed for parks, pathways, communities, and public areas. It features an integrated structure with excellent heat dissipation and durable die-cast aluminum construction for long-lasting performance. Equipped with high-quality LED chips and a monocrystalline solar panel, it ensures reliable illumination with intelligent energy management. The advanced control system includes time control, light sensor, and motion sensor functions for optimized power saving. With its weather-resistant design, it provides dependable lighting throughout the year

PRODUCT VARIANTS & TECHNICAL DATA

Code	Type / Description	Wattage(W)	Total Luminous Flux(lm)	Luminous Efficacy(lm/W)	Power Factor(pf)	Beam Angle	CRI (Ra)	IP Rating
LSD1HB00703 LSD1HB00704 LSD1HB00706	3000K / 4000K / 6500K, Solar Light	70W	11200	160	>0.9	100°	>80	65

TECHNICAL INFORMATION

Frequency	60/50
IK	
SDCM	>6
Product Face Size (mm)	530x530x146
Product Weight (gr)	800
Surge Protection	
Life time	50000
Protection class	
Ambient temperature(Ta)	-10°C to +45°C
Operating temperature	-10°C to +45°C

SOLAR PANEL DATA

Wattage	70
Solar Panel Voltage	18
Panel Size	
Material	Die Casting Aluminum

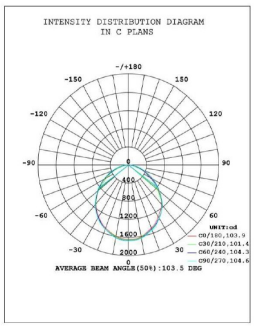
BATTERY DATA

Battery Type	18650 LiFePO4 12.8V 30Ah
Battery Nominal Voltage	
Battery Capacity	
Charging Time	every 3 months during the storage process
Working Time	>12 hours ,Intelligent mode 3-4 days

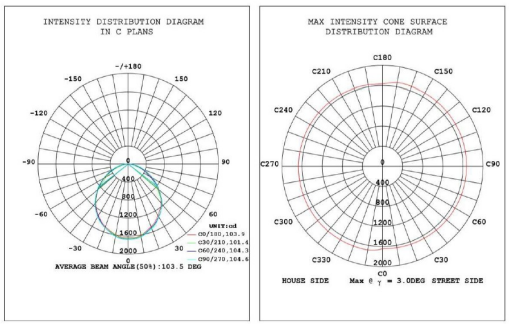
CONTROL SYSTEM DATA

Control Method	MPPT tracking control technology
Sensor Type	Time control + Light sensor control + Motion sensor control

PHOTOMETRIC DIAGRAMS

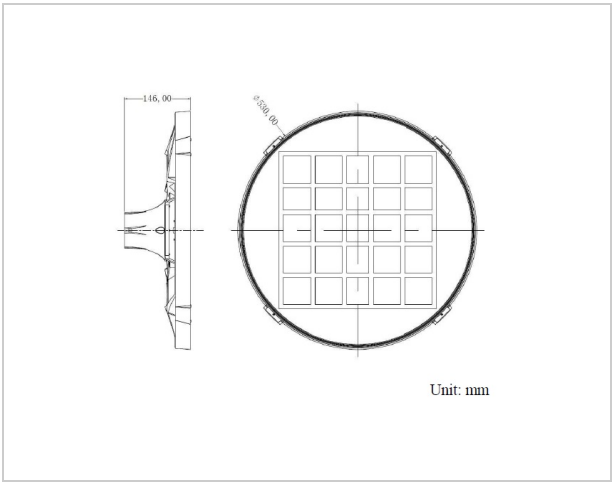


Chromaticity / CCT diagram



Beam angle / polar diagram

DIMENSION DRAWINGS



GENERAL INFORMATION

Mounting Type	Pole
Product Materials	Die Casting Aluminum
Driver Brand	
Chip Brand	Philips 3030
Operation Distance	3-5

APPLICATION AREAS

- Out Door Spaces
- Park and Public Areas
- Commercial Buildings
- Farmhouses and Outdoor Yards

5 YEARS GUARANTEE
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