

Overview

The Malmö LED Solar Street Light is a sleek and modern lighting solution designed for urban areas. It harnesses solar power for eco-friendly operation, reducing energy costs while minimizing environmental impact. Its advanced LED technology ensures optimal brightness and visibility, enhancing safety in public spaces. Easy to install and maintain, the Malmö light represents a sustainable and efficient lighting option for modern cities.



Product data

General information

Dimensions (mm)	899 x 378 x 86 mm
Materials	Body: Aluminium + PC Solar panel: Monocrystalline
Finish	Gray
Product Weight (Kg)	12 Kg ± 30g
Ingress Protection	IP65
Impact Rating (IK)	10
Article no.	PECLMAL4K100

Supply & power information

Input Voltage & Frequency (V~ / Hz)	18V
Discharging time	>20 hours
Solar Panel Wattage (W)	60W 18V
LED Wattage (W)	40 W
Battery Type	LiFePO4
Battery capacity	12.8V 24AH
Diameter	120P/T3P/T5P/80°150P
Discharging Temperature (°C)	-20°C to +60°C
Critical Temperature (°C)	+60 °C
Charging Temperature (°C)	0 / 45°C

Dimming Information

Dimmable	Yes
Dimming Format	12h 30% + 100% sensor

Certificates & Standards

Standards	CE ROHS IK08 LM79 CB IECIE CMIM
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Luminaire Output

Colour Temperature (K)	4000K
Luminous flux	6500 LM
Module LED	LEDii
Efficacy (lm/W)	165LM/W±10%
Colour Render Index (CRI)	≥80
Beam Angle (°)	120P/T3P/T5P/80°150P

Dimensions & Weight

Length	899 mm
Width	378 mm
Height	86 mm
Product Weight	12 Kg ± 30g
Installation Height	+ 10 Meters

Applications



MALMÖ - LED SOLAR STREET LIGHT 40W / 4000 K / 6500LM