

All in One Solar Street Light DM

Product Specifications



Key features:

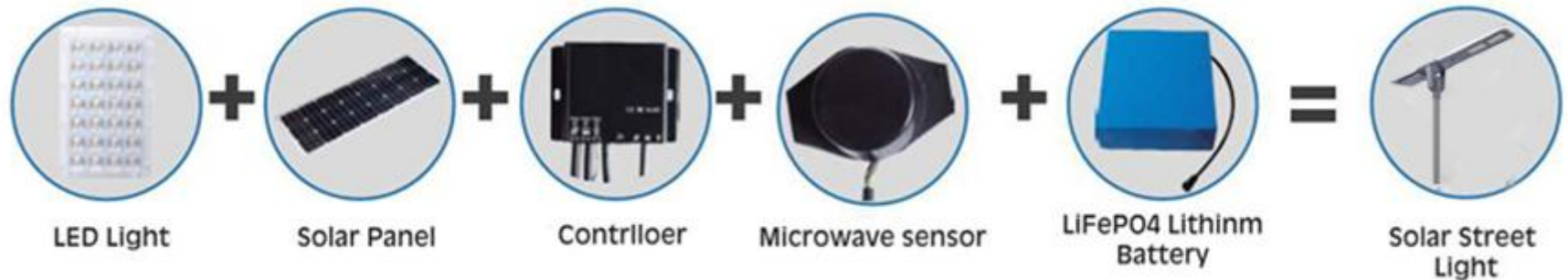
- 5 years warranty
- Aluminum Alloy material;
- MPPT controller;
- High lighting efficiency;
- Max 150w;
- Lifepo4 battery with 6000 hours cycle;
- USA Bridgelux/Philips LED Chip with 100000hours;
- Can be customized;

01 Product Pictures



Features:

1. Simple and stylish appearance, 0 electricity, free wiring.
2. Safe low voltage, no touch electricity, international safety standard.
3. Solar panel, battery, LED, controller are integrated, easy installation.
4. High efficiency multi-core LEDs, >200lm/W.
5. Smart charge & dis-charge management, ensure the light working time longer.
6. Modular design, easy maintenance and replacement.



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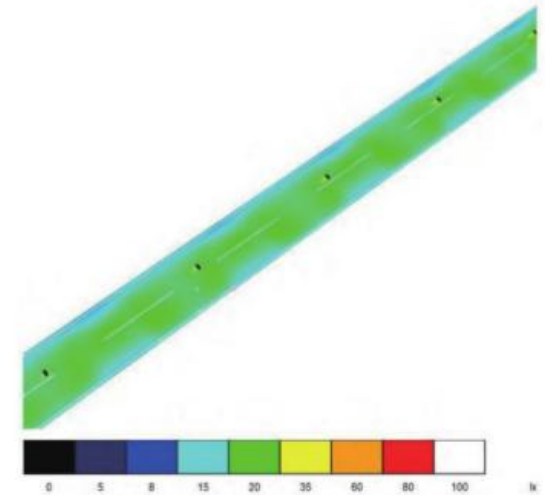
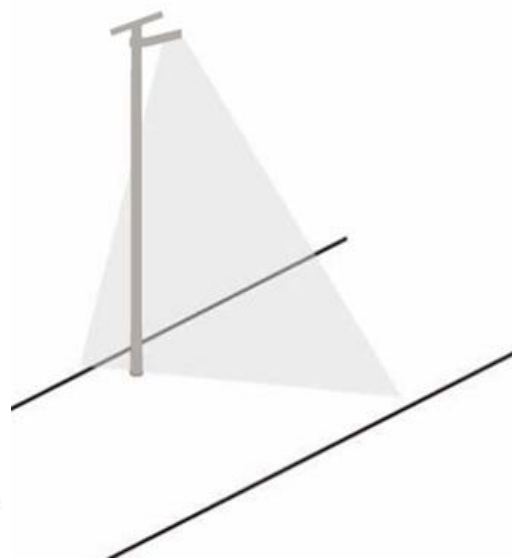
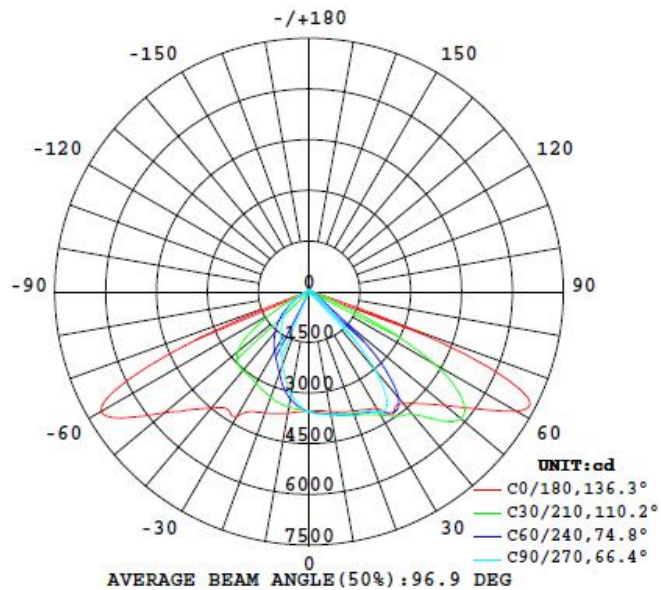
Specifications

Model NO.	DM-60	DM-80	DM-100	DM-120	DM-150
Lamp Power	60W	80W	100W	120W	150W
Solar Panel	70W	80W	90W	100W	120W
Lithium Battery	3.2V 100AH	3.2V 120AH	12.8V 36AH	12.8V 42AH	12.8V 54AH
LED Quantity	140pcs	140pcs	280pcs	280pcs	280pcs
Luminous Flux	13200lm	17600lm	22000lm	26400lm	33000lm
Dimension	1060*385mm	1235*385mm	1390*385mm	1540*385mm	1810*385mm
CCT	3000-6500K				
CRI	>80Ra				
Charging Time	5-8 hours				
Working Time	5-7 rainy days				
Working Temperature	-20°C~65°C				
Lifespan	≥50000hours				
Material	Aluminum alloy, die-cast aluminum				
IP Rating	IP66				
Case Diameter	60-70mm				
Mounting Height	4-6m	5-7m	6-10m	8-12m	8-12m
Mounting Distance	15-25m	20-25m	20-30m	25-35m	25-35m

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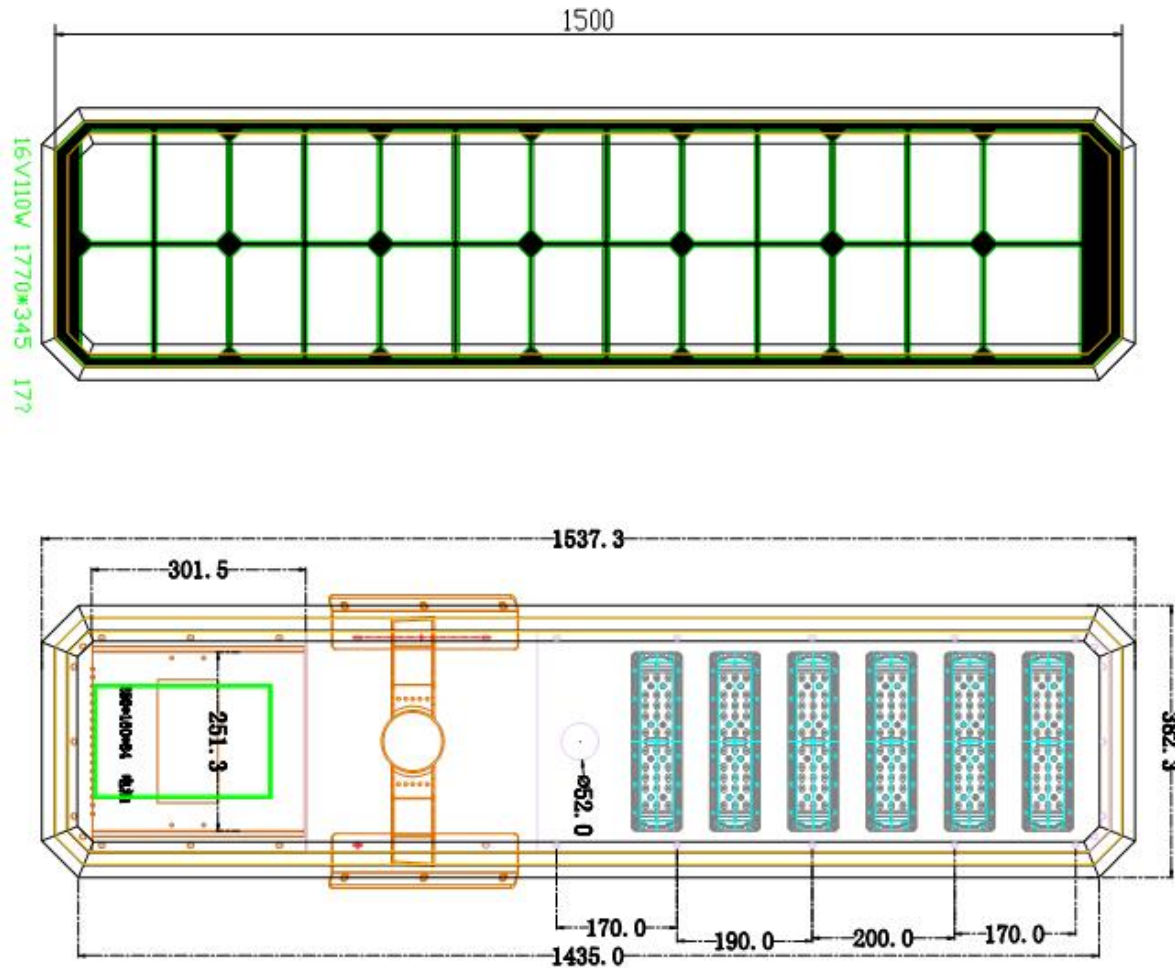
Lighting Distribution

Bat wing lens with polarized light



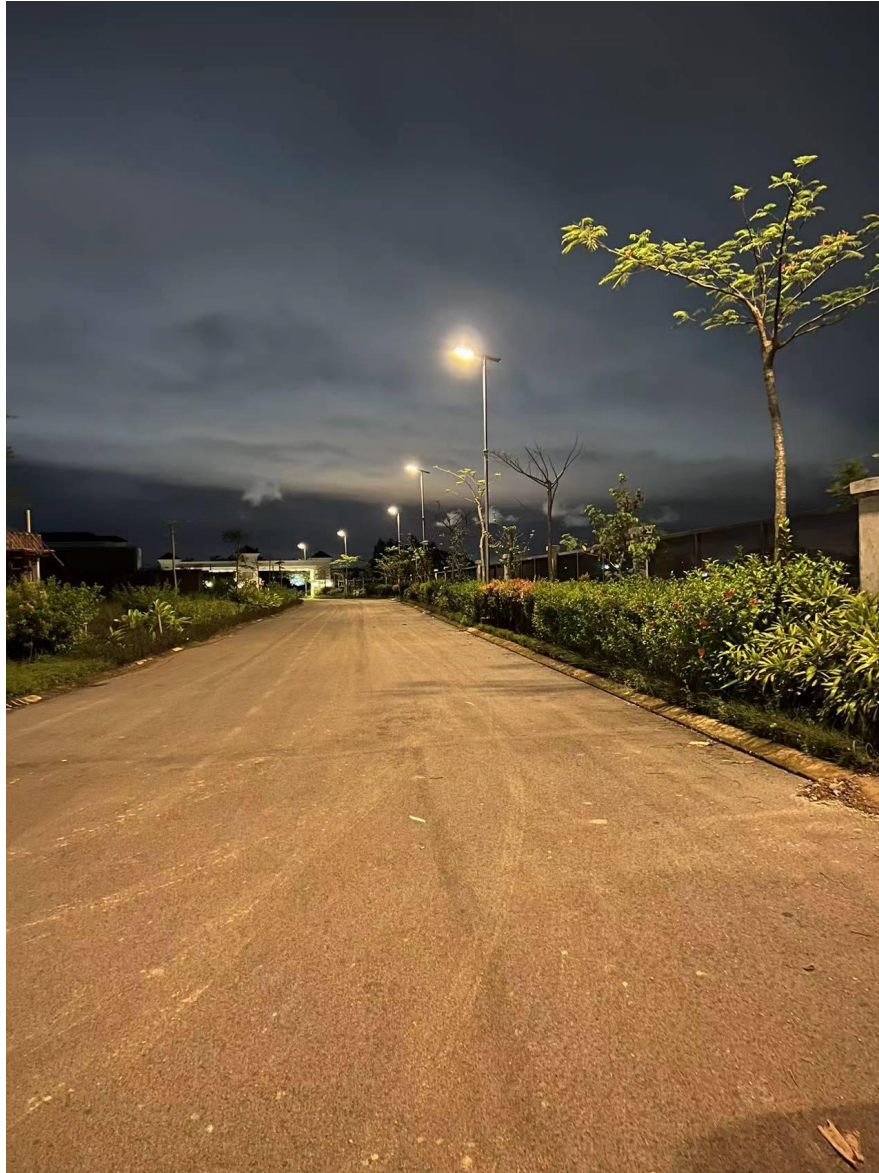
05 Product Drawing

DM-80 as sample



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Application



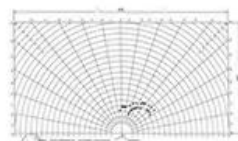
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Application



22 Feb 2023 14:59:17
Jalan Tanpa Nama
Teluk Tereng
Kecamatan Batam Kota
Kota Batam
Kepulauan Riau

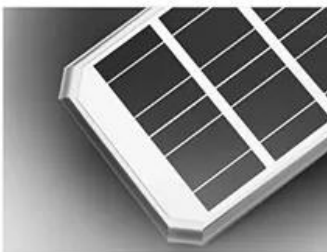
Advantage in every detail



High Lumen LEDs
150lm/W



Battery Pack
Easy to Maintain



Monocrystalline
Solar Charging Efficiency $\geq 21\%$



High Lumen LEDs
150lm/W



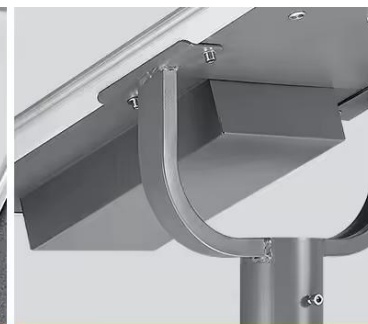
Bracket
Double Protection for Rust-Proof



High Sensitivity PIR Sensor



High light LED beads



Aluminum lamp body



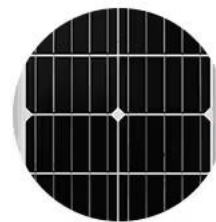
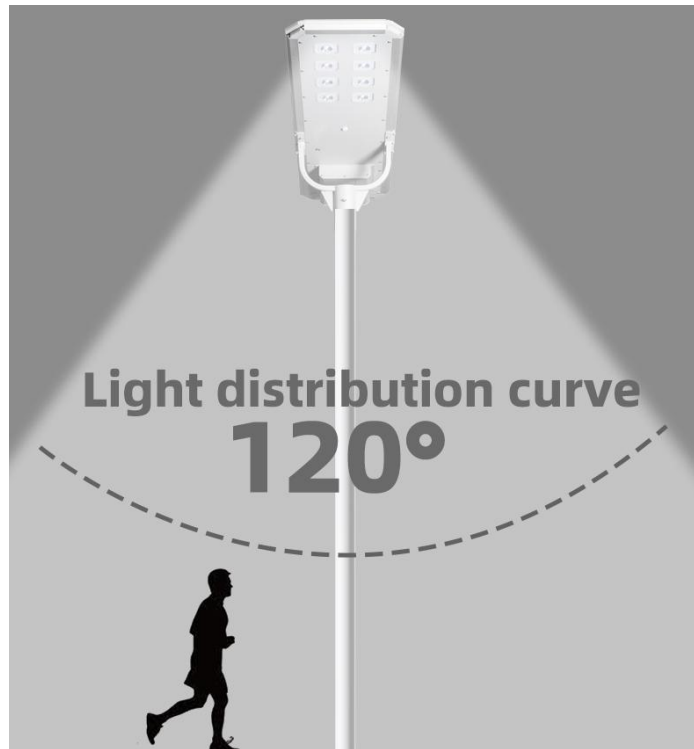
Intelligent controller



Large capacity lithium battery

07

Detail



Solar panel



Optical lens



Sturdy stand



Waterproof rubber ring

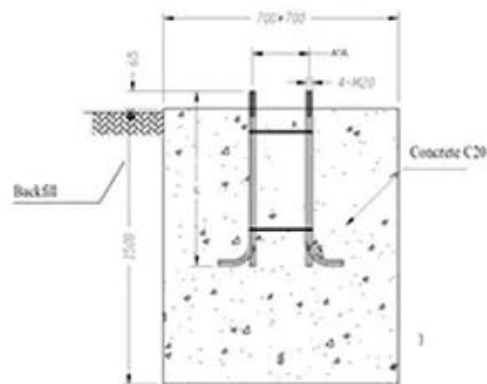


PIR Sensor

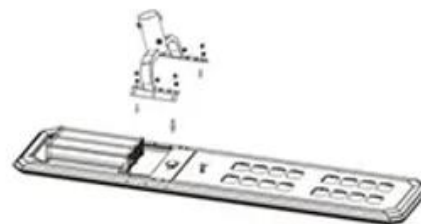


Metal switch

- ① Dig a hole according to the size of the foundation cage, put the foundation cage into the hole and fix it with concrete C20.



- ② Use the supplied screws to fix the bracket on the lamp.



- ③ Use the supplied screws to fix the lamp on the pole.



- ④ Lift the lamp pole by the person or machine, align the bottom flange of the lamp pole with the foundation cage, and then fix the lamp pole with screws.

