



# LEONA SOLAR

## LED STREET LIGHT

### 20W-80W

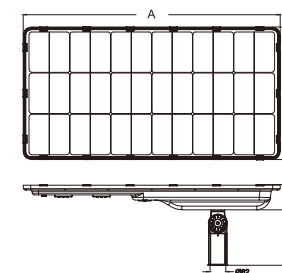
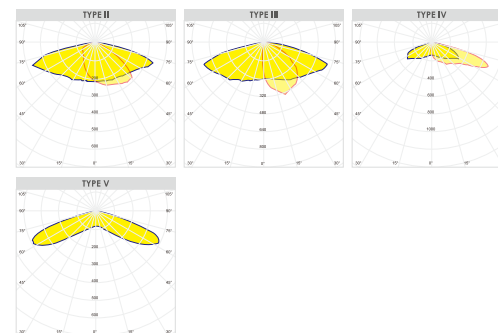


### Features

1. Stable Photoelectric Conversion Efficiency
2. Vertical Installation and Horizontal Installation
3. Adjusted 360° Angle Rotation
4. Non-Corrosive ADC12 Die Cast Aluminium
5. Duck Grey powder coat finish (std.)
6. Custom and factory select colors available
7. Totally New DISON IFR26650 LifePo4 Battery Pack
8. Monocrystalline silicon solar panels
9. >70 Color Rendering Index (CRI)
10. L70 100,000Hrs @ 25°C
11. PCB: Metal Core
12. PIR, Microwave sensor
13. Control system with time dimming
14. PWM/MPPT charge controller
15. 5 Year Warranty
16. Operating Temperature: -20 ~ +50°C
17. IP66 IK08

### Application

Residential Area, Roads, Parking Lot, Squares Parks, Municipal, Agriculture Lighting, Aquaculture Lightings



### Technical parameter

Model No.	Solar panel	Battery Parameters	Luminous Efficiency	Backup Time	Sensor
MS-ST906010	10W	12.8V 6.5AH LiFePo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST907020	20W	12.8V 10.2AH LiFePo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST908030	30W	12.8V 20.4AH LiFeO4	160Lm/W	2-3 days autonomy	Mircoware
MS-ST909040	40W	12.8V 34AH LiFePo4	160Lm/W	2-3 days autonomy	Mircoware
MS-ST910060	60W	12.8V 44.2AH LiFePo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST911080	80W	12.8V 51AH LiFePo4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST912100	100W	12.8V 34AH LiFeO4	180Lm/W	2-3 days autonomy	Mircoware
MS-ST913120	120W	12.8V 47.6AH LiFePo4	180Lm/W	2-3 days autonomy	Mircoware

IP66
IK08
CRI 70
PF >0.95
20-95%RH
CCT 2700K-6500K
50000H
-30°C ~ 50°C

# LEONA SL SOLAR

## LED STREET LIGHT

### 6W-18W

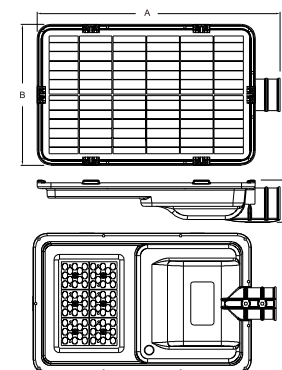
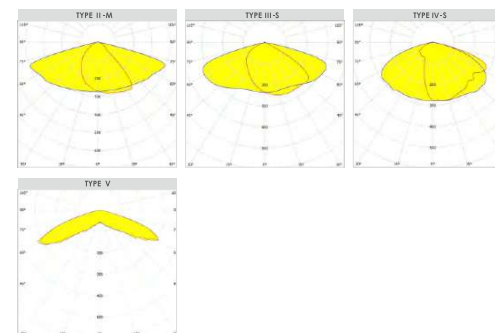


### Features

1. Stable Photoelectric Conversion Efficiency
2. Non-Corrosive ADC12 Die Cast Aluminium
3. Totally New DISON IFR26650 Lifepo4 Battery Pack
4. Monocrystalline silicon solar panels
5. >70 Color Rendering Index (CRI)
6. Control system with time dimming
7. PWM/MPPT charge controller
8. 5 Year Warranty
9. Operating Temperature: -20 ~ +50°C
10. IP66 IK08

### Application

Widely used on the road, streets, and factory, park roads, rural, mountainous area and the remote area lighting project, courtyard, schools, square, and others need to place for outdoor lighting.



### Technical parameter

Model No.	Solar panel	Battery Parameters	Luminous Efficiency	Raining Day	External Screw
MS-ST914006	6W	170Lm/W	LiFeO4 Battery 3.2V 10AH32WH	3-4 Day	#304 Stainless Steel
MS-ST915012	12W	170Lm/W	LiFeO4 Battery 3.2V 15AH48WH	3-4 Day	#304 Stainless Steel
MS-ST916018	18W	170Lm/W	LiFeO4 Battery 20AH 64WH	3-4 Day	#304 Stainless Steel

