

SOLAR STREET LIGHT

ALL-IN -ONE SOLAR STREET LIGHT

80W

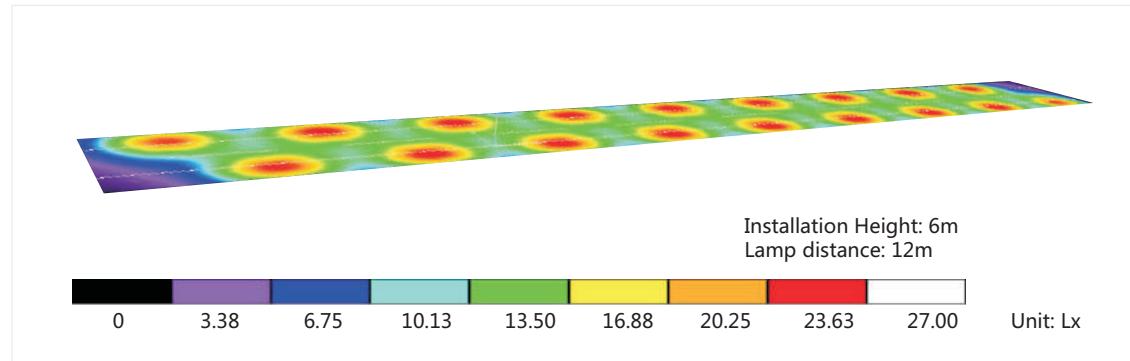
Our solar street light super bright led chip is several times brighter than traditional light bulbs, and the large capacity battery can save up to 100% power. IP65 waterproof, all-in-one solar street light is easy to install, saving installation cost, maintenance cost and electricity bill. Suitable for streets, parks, parking lots, school campuses, etc.



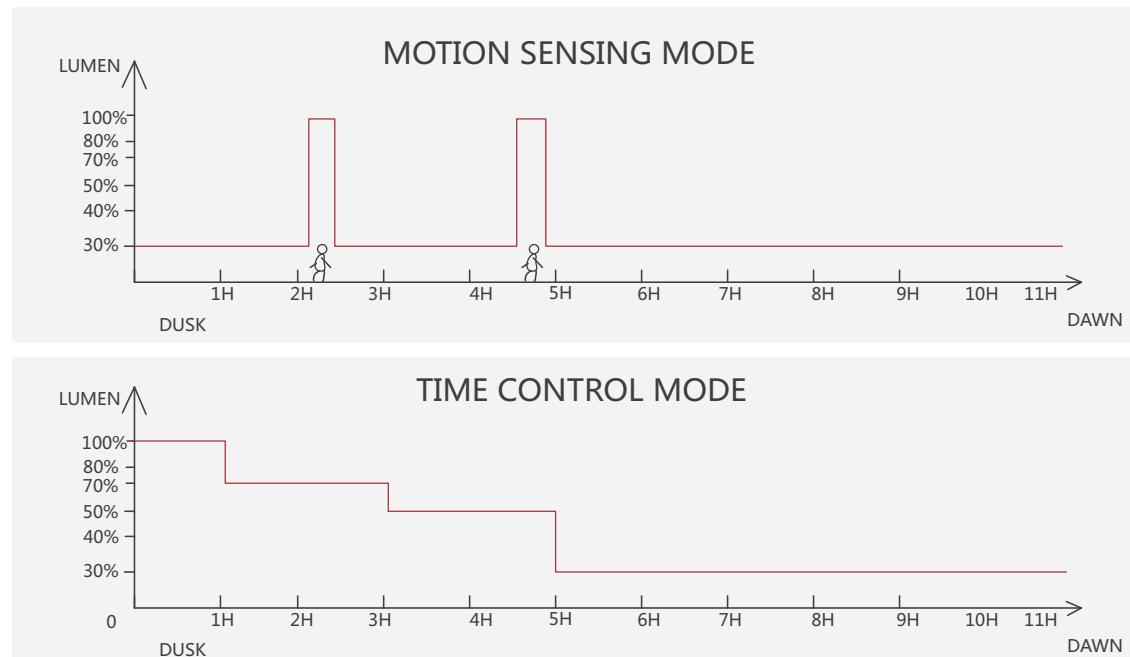
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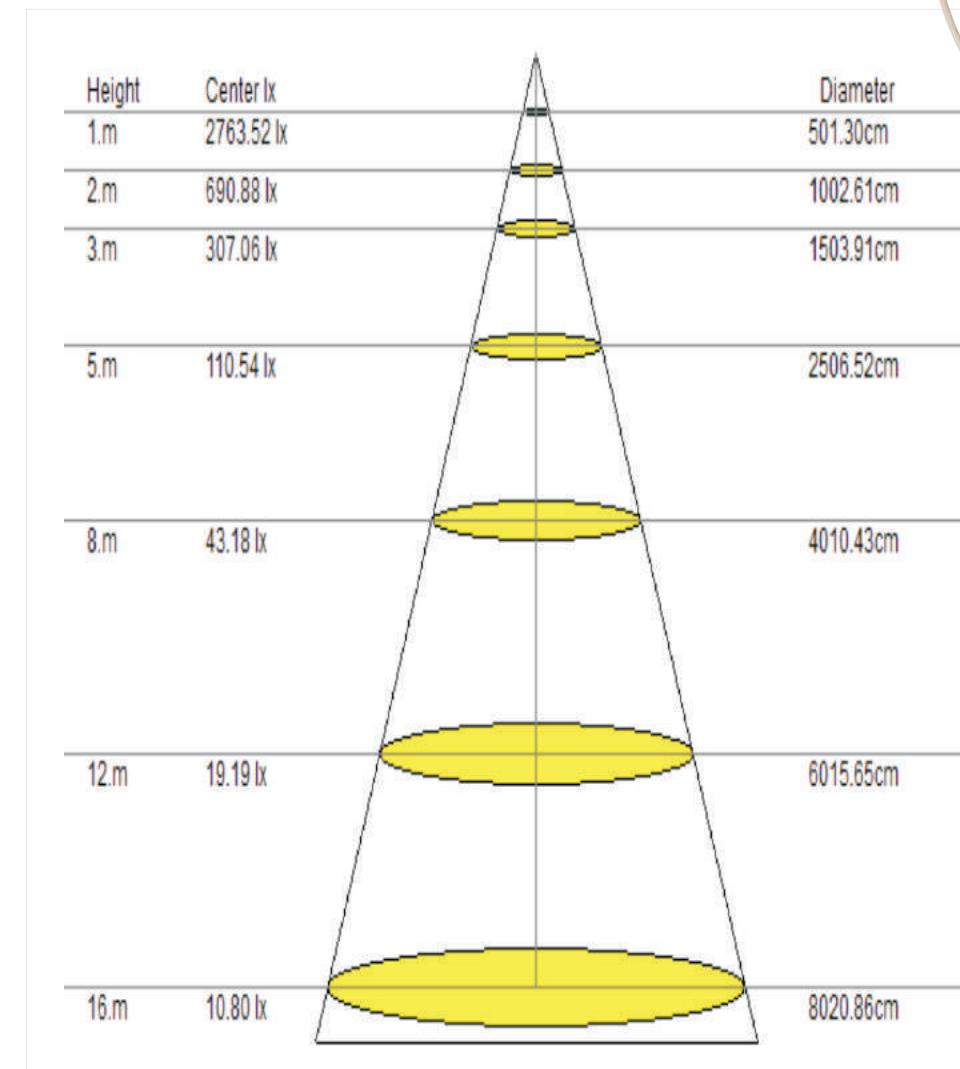
80W DIALUX SIMULATION EFFECT



HOW THE LIGHT WORKS



LX-DISTANCE DIAGRAM





SOLAR PANEL SPECIFICATION



Specifications

Peak Power(Pmax)	93
Maximum Power Voltage(Vmp)	33
Maximum Power Current(Imp)	2.82
Open Circuit Voltage(Voc)	37.1
Short Circuit Current(Isc)	4.12
Cells Efficiency(%)	17.94
Module Efficiency(%)	13.77
Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	10
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.400%
Voc Temperature Coefficients(V/°C)	-0.290%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40~+85
Standard Test Condition(STC)	1.000W/m ² ;AM 1.5;25+/-2°C

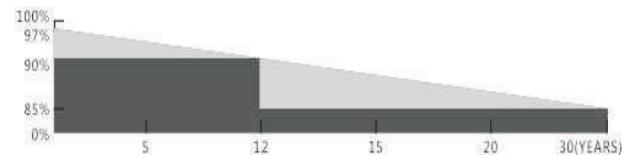
Mechanical characteristics

Dimensions	1447*399*4.5mm
Front Glass	3.2mm high transmission,low iron,tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output cables	2.5mm ² cable 90cm+mc4

Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

Linear Performance Warranty



Guarantee on product material and workmanship



Linear Power output warranty

Key Features



5 Busbar Cell:

5 Busbar Solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance making it perfect for rooftop installation and application



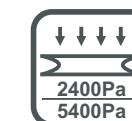
High Efficiency

High Module conversion efficiency, through innovative manufacturing technology



Low-Light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



Serve Weather Resilience

Certified to withstand : wind load(2400Pa) and snow load (5400Pa)



Durability against extreme environmental conditions

High salt mist and ammonia resistance certified by TUV



0 to +5W Positive Tolerance

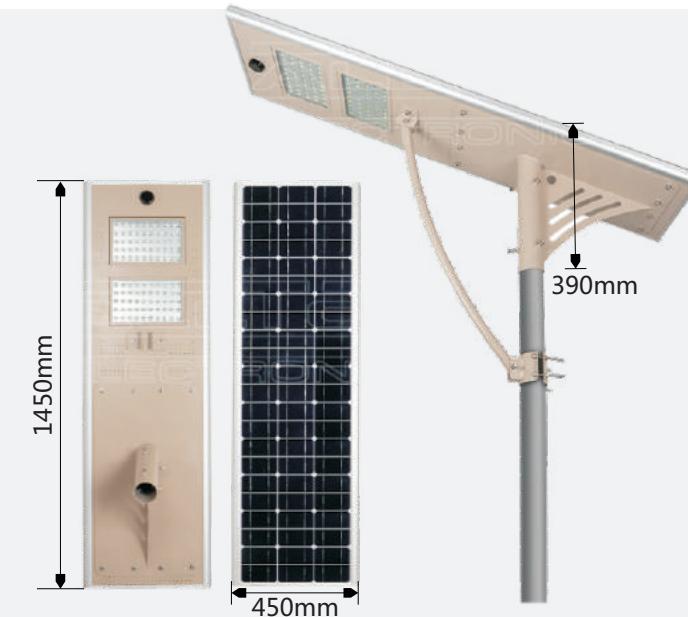
Detailed information in Electrical Specifications

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PRODUCT SPECIFICATION

Model	0401B80-02
LED Lamp	80W LED 6000K-6500K
Solar Panel	16.5V 93W Mono-crystalline
Battery Typ	FePO4 12.8V 78AH
Charging Time	6-8 Hours
Discharging Time	20-24Hours
LED Lumen	100Im/w
Material	Aluminium Alloy
Sensing Angle	120
Lamp Size	1450*450*390mm
Install Height	4-7m
Warranty	3Years



APPLICATION