ALL-IN-ONE

SOLAR STREET LIGHT
40W/60W/100W

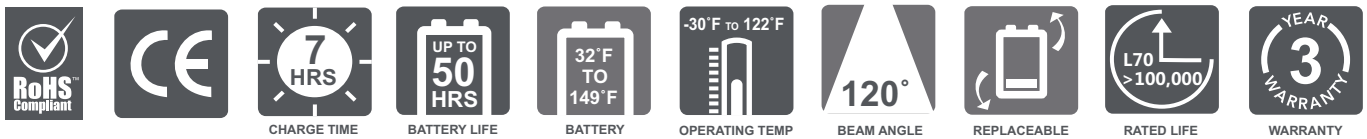
ACDC DYNAMICS
www.acdc.co.za

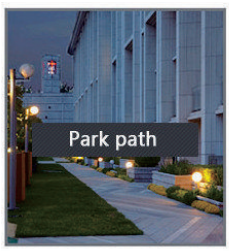
The features of this solar street light is an ALL-IN-ONE design. The light engine and battery and solar panel are built right into the LED fixture. No need for a power source which eliminates the need for wiring and trenching.

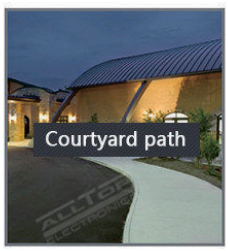


- Fully programmable via solar controller and photo control
- Built-in battery and solar controller
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last three nights with one day charge
- Perfect for street , parks, parking lots, school campuses, etc.
- Dimensions(L*W*H):

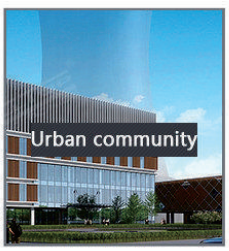
  40W 740*340*82 mm
  60W 860*340*82mm
  100W 980*360*125mm



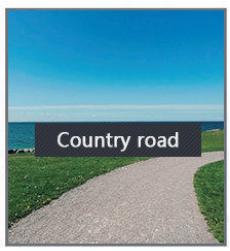












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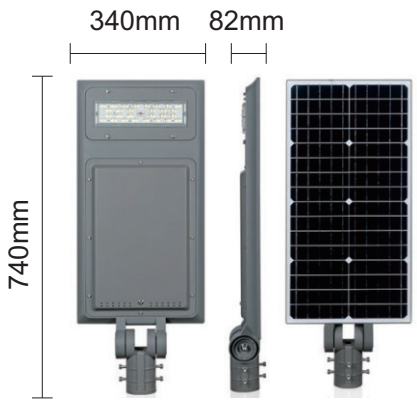
BRANCHES - Johannesburg: 010 202 3300 | Germiston: 011 418 9600 | Cape Town: 021 492 2000 | Riverhorse: 031 492 4800 | Pinetown: 031 700 4215

SOLAR STREET LIGHT
40W/60W/100W

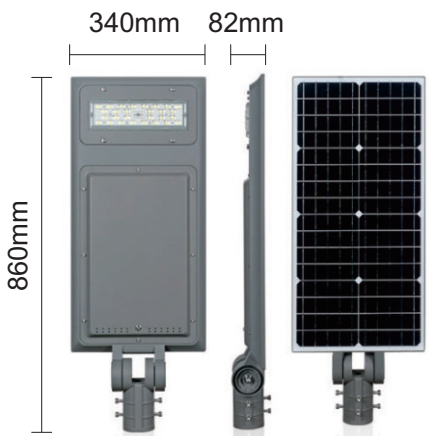
PRODUCT SPECIFICATION

Model	SL-0310B40	SL-0310B60	SL-0310B100
LED Lamp	5050LED 28PCS 6000K	5050LED 28PCS 6000K	5050LED 56PCS 6000K
Solar Panel	Mono-Crystalline 16V 32W	Mono-Crystalline 16V 48W	Mono-Crystalline 16V 64W
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	Lithium-Ion 11.1V 45AH
Charging Time	6-8 hours		
Discharging Time	20-24 hours		
Led	160lm/w		
Material	Die-Casting Aluminum		
Product Size	740*340*82mm	860*340*82 mm	980*360*125mm
Install Height	3-4m	5-7m	6-8m
Warranty	3 years		

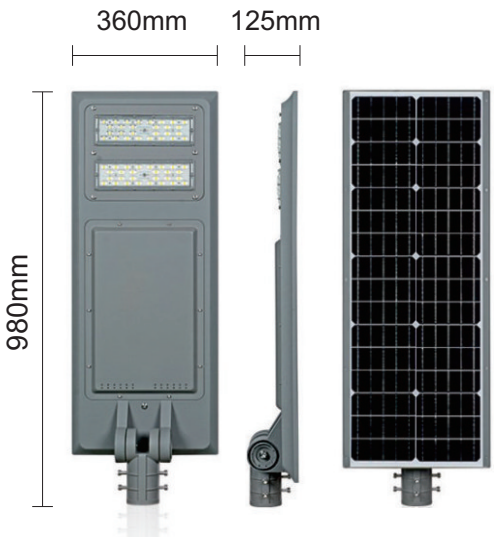
PRODUCT DEMINESION



SL-0310B40 40W



SL-0310B60 60W



SL-0310B100 100W

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SOLAR STREET LIGHT
40W/60W/100W

PRODUCT DETAILS



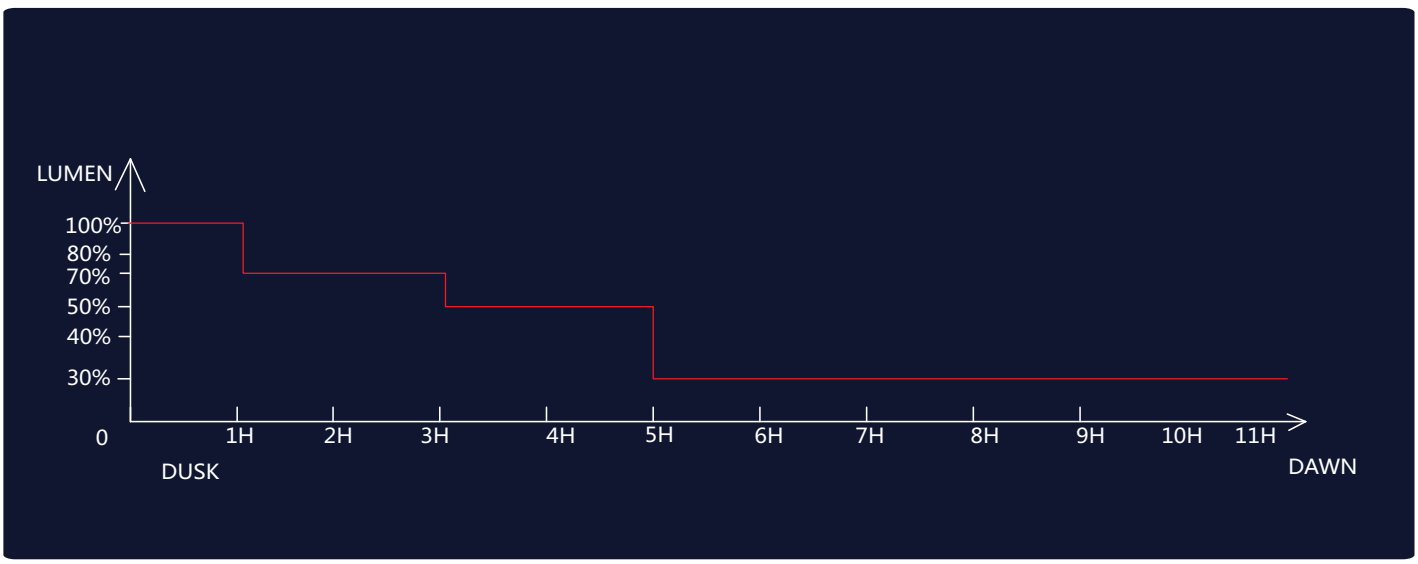
LED Chip
Moisture-proof and waterproof,high quality LED lamp bead has a wide lighting range.

Battery
Long battery lifespan and more durable,even use in the -20℃～65℃ area

Die-cast Aluminum Lamp Housing

Solar Panel
High quality monocrystalline silicon material, high charging efficiency, long lifespan

HOW THE LIGHT WORKS

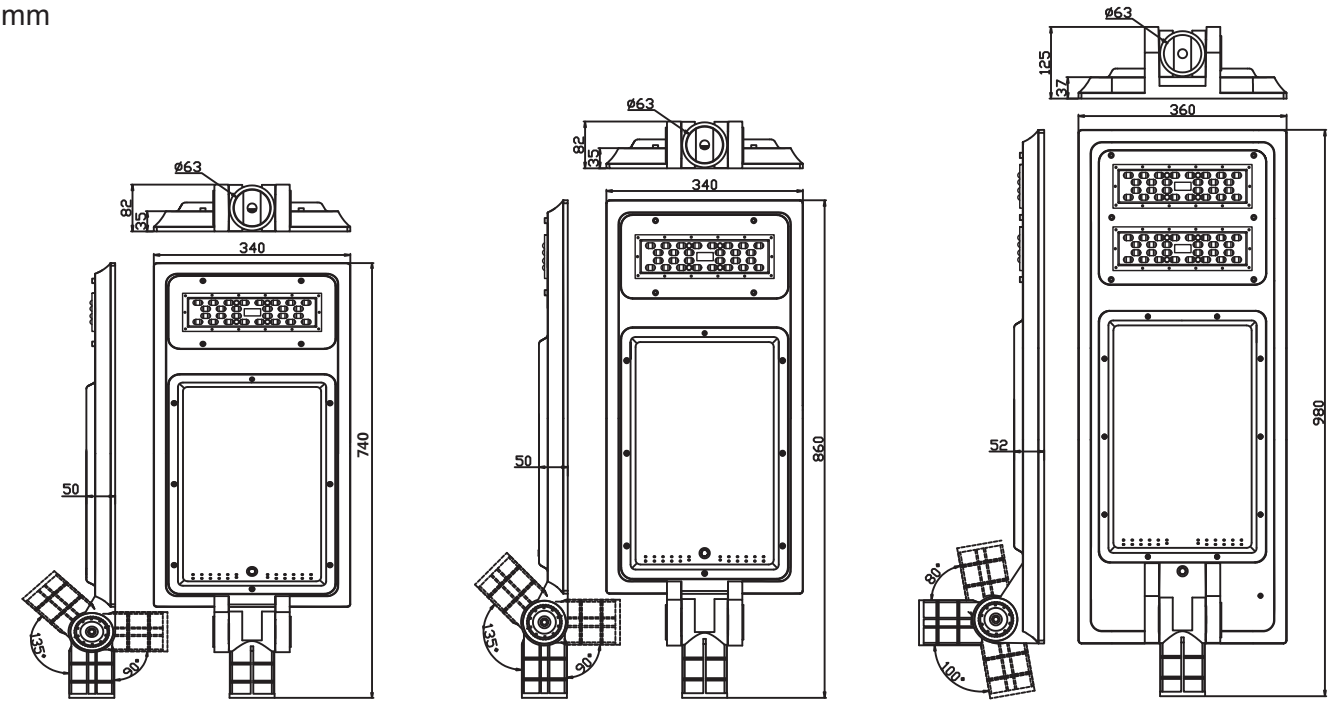


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SOLAR STREET LIGHT
40W/60W/100W

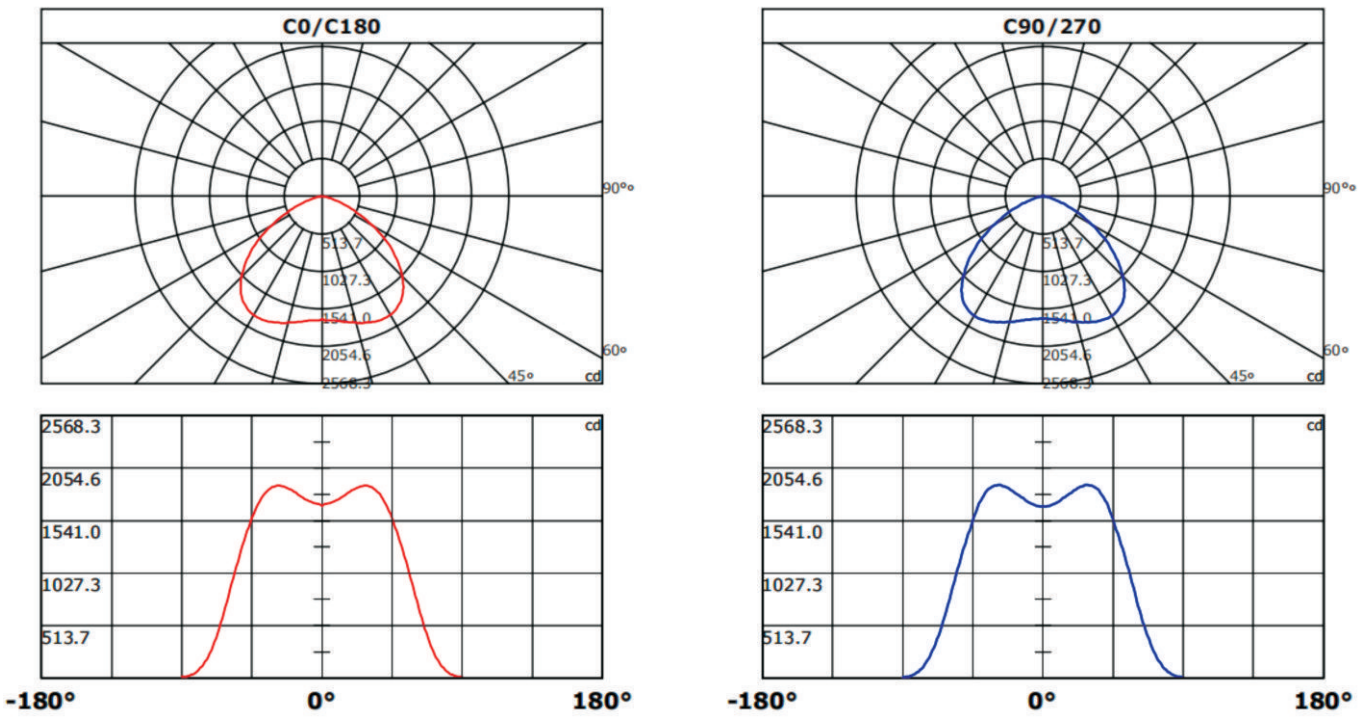
INSTALLATION DIMENSION

Unit:mm



40W 60W 100W

LIGHTING DATA

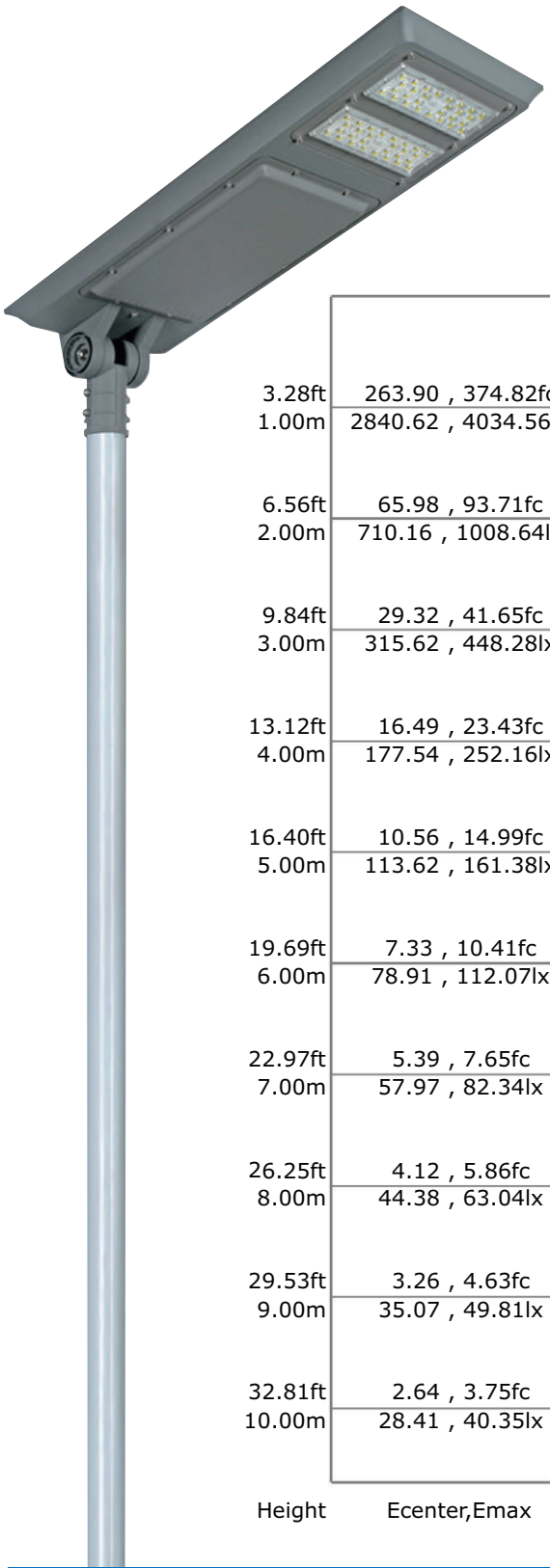


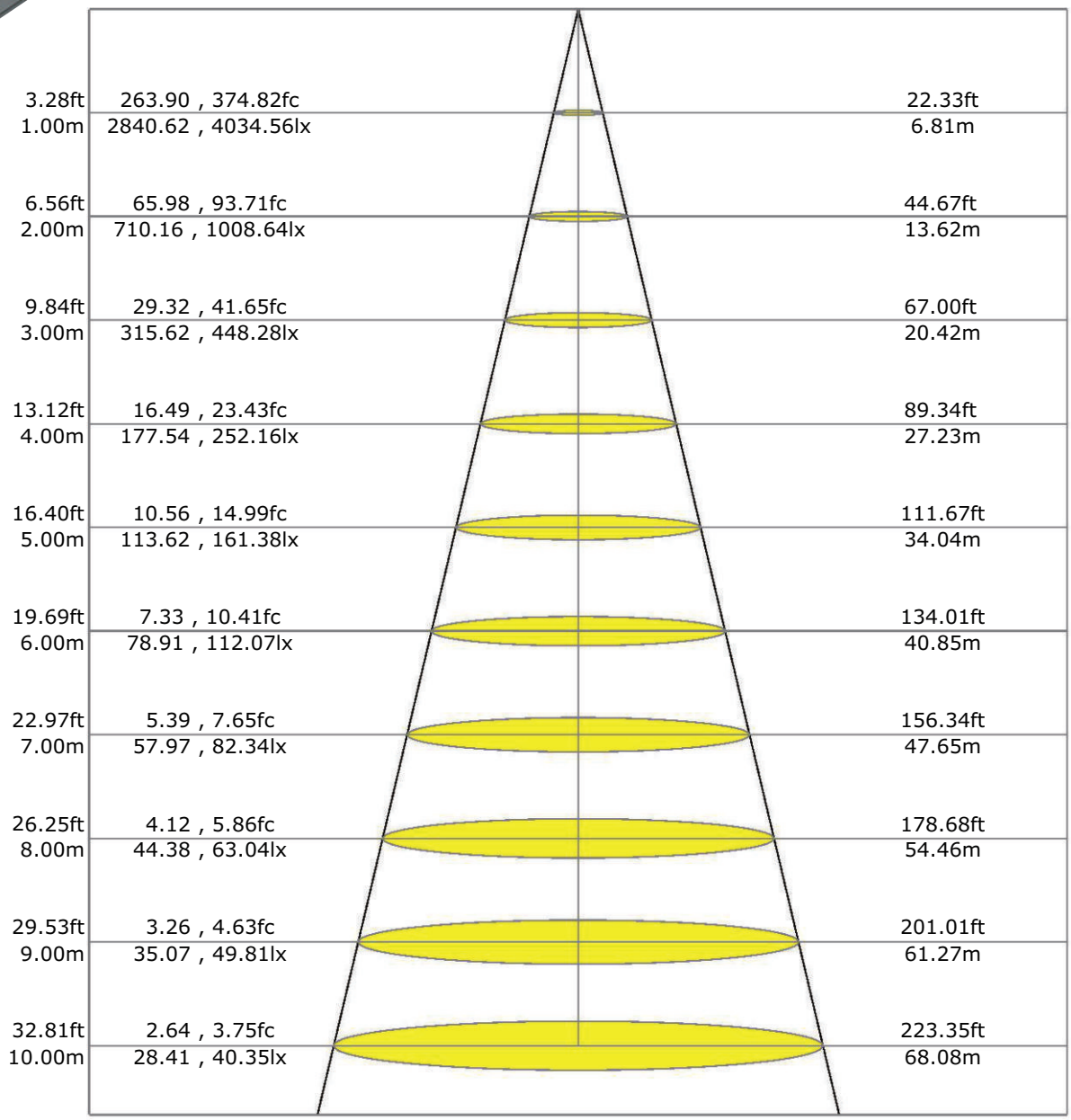
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IP 65

SOLAR STREET LIGHT
40W/60W/100W

LX-DISTANCE DIAGRAM





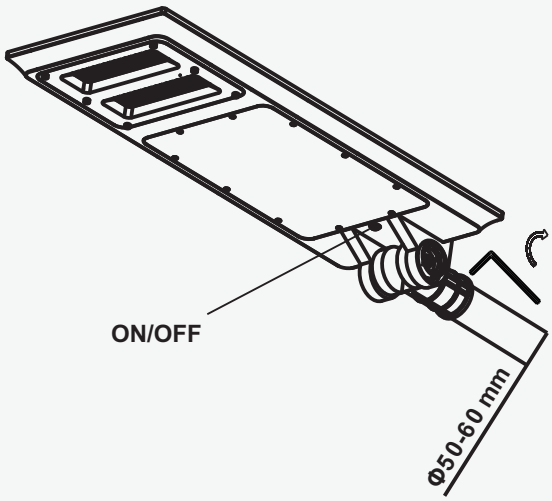
Height	Ecenter,Emax	Diameter
3.28ft 1.00m	263.90 , 374.82fc 2840.62 , 4034.56lx	22.33ft 6.81m
6.56ft 2.00m	65.98 , 93.71fc 710.16 , 1008.64lx	44.67ft 13.62m
9.84ft 3.00m	29.32 , 41.65fc 315.62 , 448.28lx	67.00ft 20.42m
13.12ft 4.00m	16.49 , 23.43fc 177.54 , 252.16lx	89.34ft 27.23m
16.40ft 5.00m	10.56 , 14.99fc 113.62 , 161.38lx	111.67ft 34.04m
19.69ft 6.00m	7.33 , 10.41fc 78.91 , 112.07lx	134.01ft 40.85m
22.97ft 7.00m	5.39 , 7.65fc 57.97 , 82.34lx	156.34ft 47.65m
26.25ft 8.00m	4.12 , 5.86fc 44.38 , 63.04lx	178.68ft 54.46m
29.53ft 9.00m	3.26 , 4.63fc 35.07 , 49.81lx	201.01ft 61.27m
32.81ft 10.00m	2.64 , 3.75fc 28.41 , 40.35lx	223.35ft 68.08m

Beam angle:147.3 deg (C0_180)

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SOLAR STREET LIGHT
40W/60W/100W

USER GUIDE



Warning

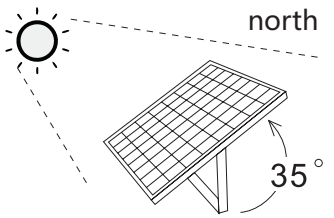
- Please avoid looking directly at the light.
- The charging and dismantling process must be carried out in a safe place.
- Do not short-circuit, disassemble ; do not put in the water and near the fire.
- without professionals, do not attempt to repair or replace the battery , the supplier shall not be responsible for any damage of the consequence of replacing or repairing the battery that not conducting by supplier.

Tips:

1.Installation direction of the solar panel is 5-10 degrees south to west,an angle of 35 degrees with the horizontal place.

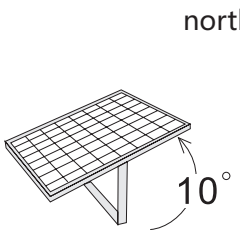
2.Please install the solar panel in the sun direction to avoid affecting the power generation efficiency.

3.Please ensure the installation is stable.



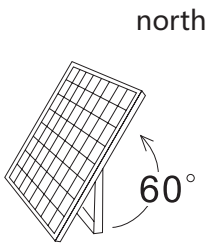
south

100% charging efficiency



south

75% charging efficiency



south

50% charging efficiency

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SOLAR STREET LIGHT
40W/60W/100W

PROJECT SUCCESS CASE



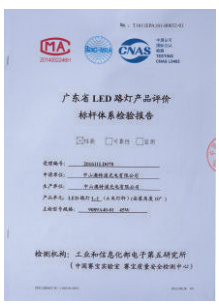
CERTIFICATION OF PRODUCTS













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IP 65