



Q5 SERIES ALL-IN-ONE SOLAR STREET LIGHT

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):
QKAT0310-AIO3815 740*340*82mm
QKAT0310-AIO4825 860*340*82mm



CHARGE TIME



BATTERY LIFE



BATTERY



OPERATING TEMP



BEAM ANGLE



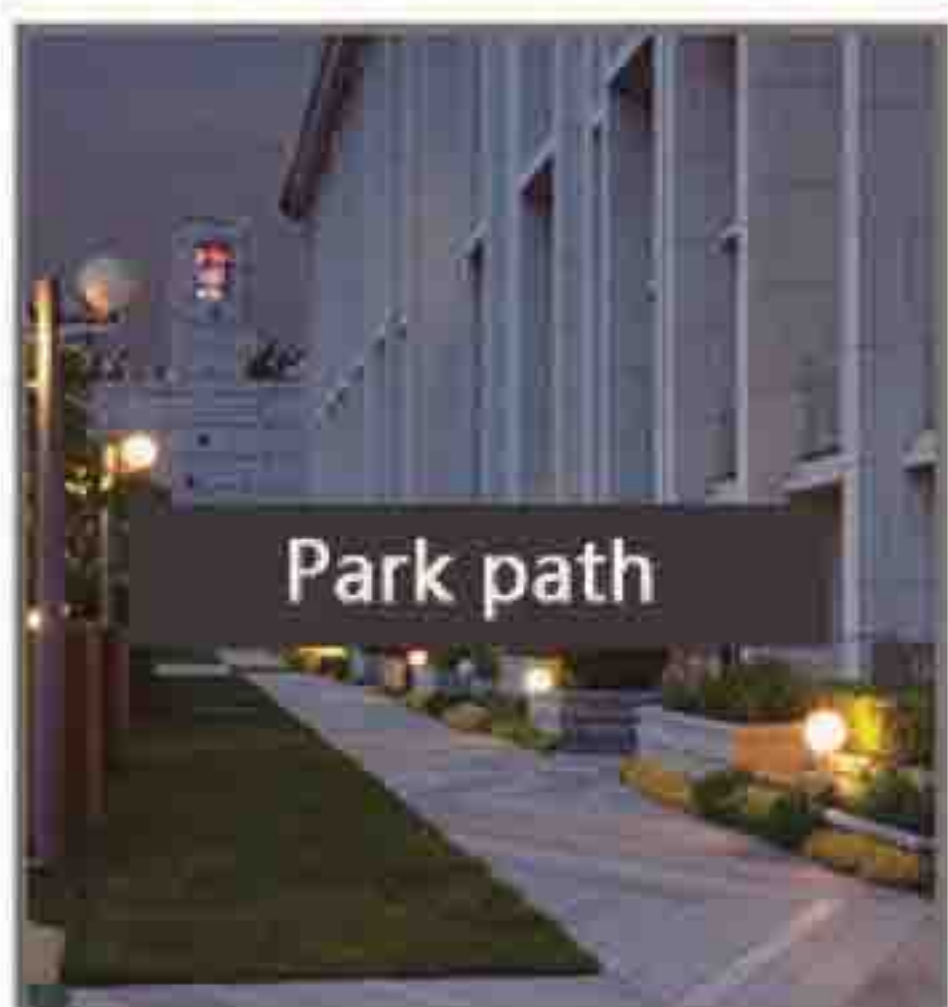
REPLACEABLE



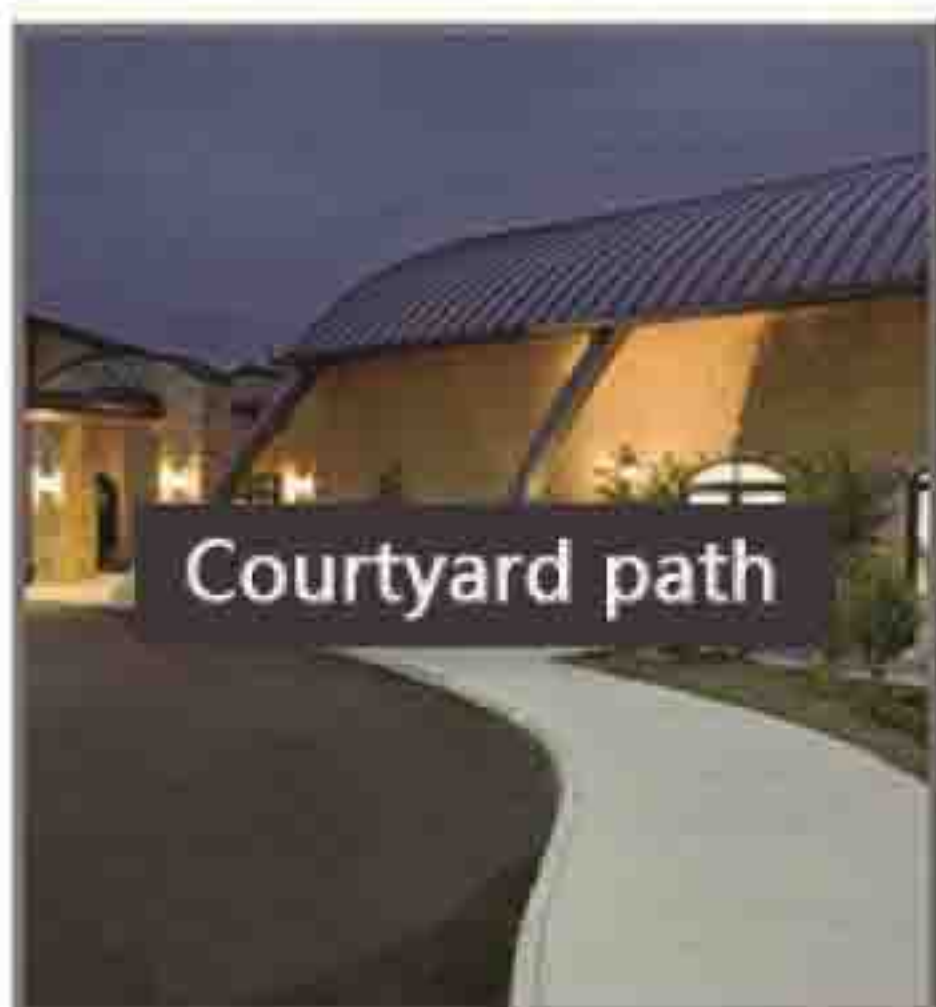
RATED LIFE



WARRANTY



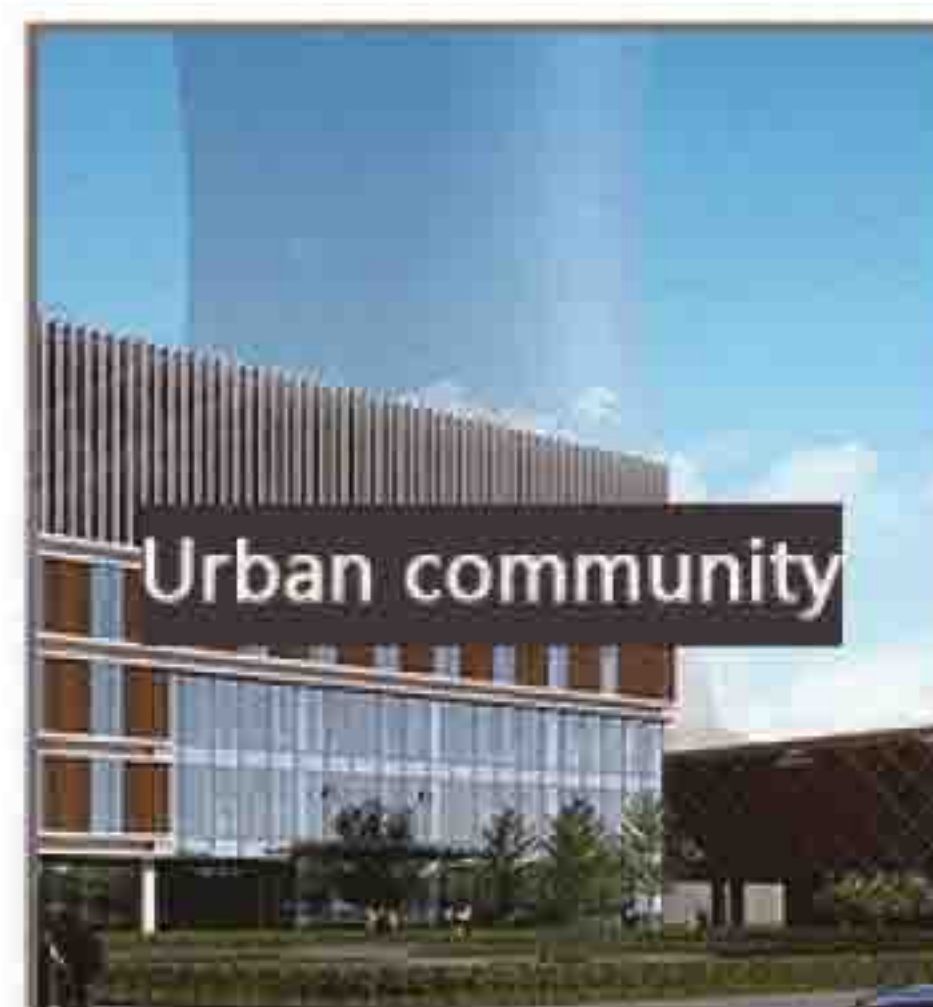
Park path



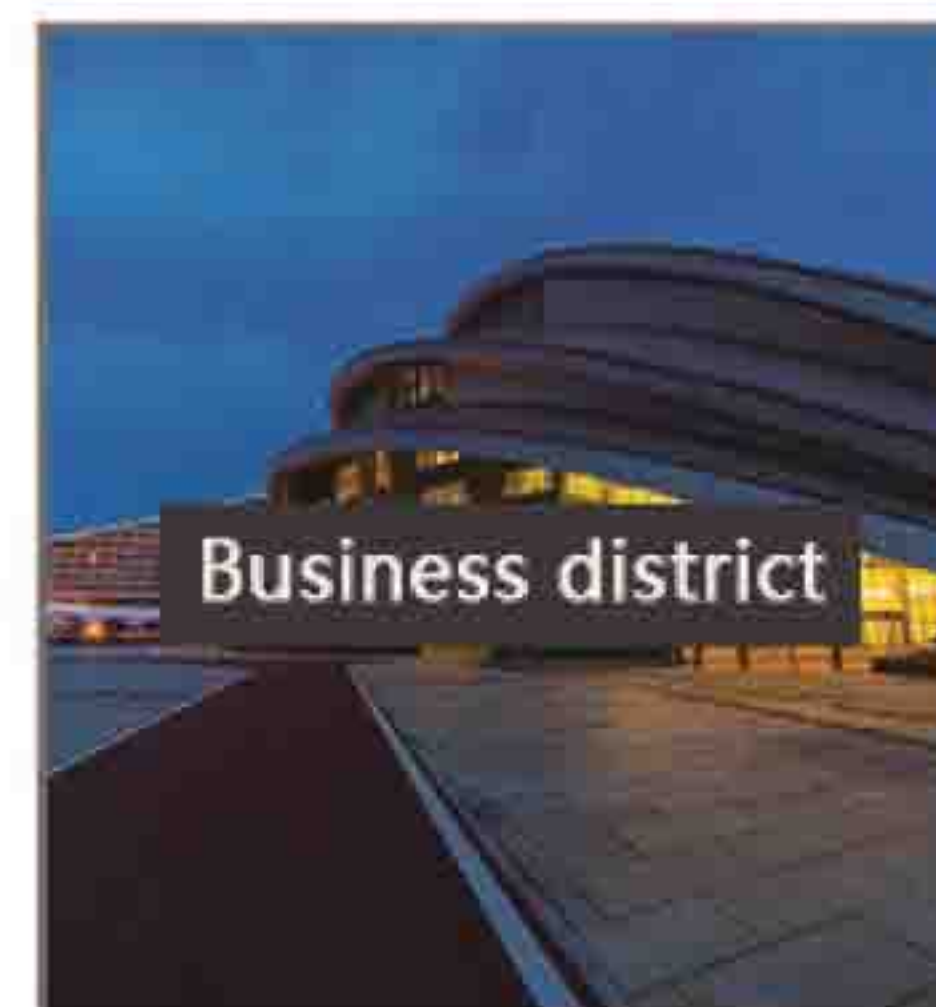
Courtyard path



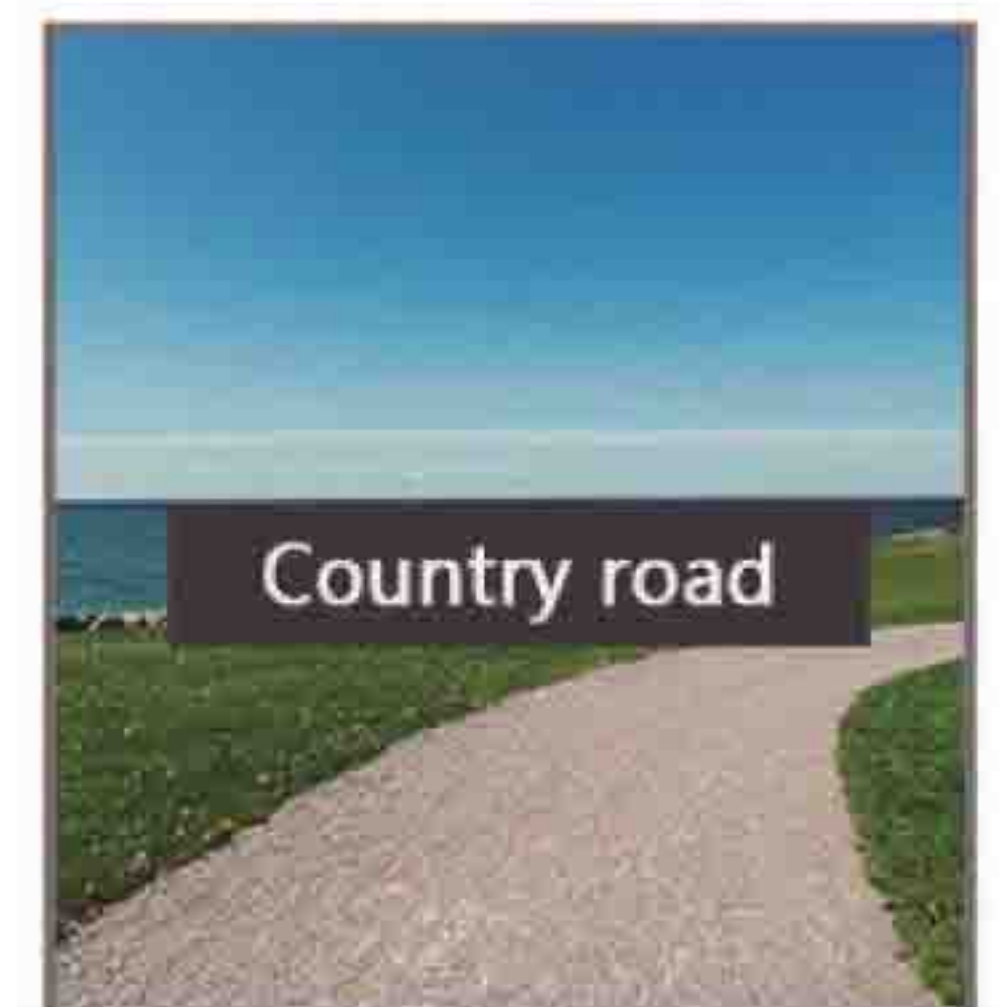
Business park



Urban community



Business district



Country road



PRODUCT SPECIFICATION

Model	QKAT0310-AIO3815	QKAT0310-AIO4825	
LED Lamp	5050LED 28PCS 6000K	5050LED 28PCS 6000K	
Solar Panel	Mono-Crystalline 16V 38W	Mono-Crystalline 16V 48W	
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	
Charging Time	6-8 hours		
Discharging Time	30-36 hours		
Led	160lm/w		
Material	Die-Casting Aluminum		
Product Size	740*340*82mm	860*340*82 mm	
Install Height	3-4m	5-7m	
Warranty	3 years		

PRODUCT DIMENSION



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 $-20^{\circ}\text{C} \sim 65^{\circ}\text{C}$ area

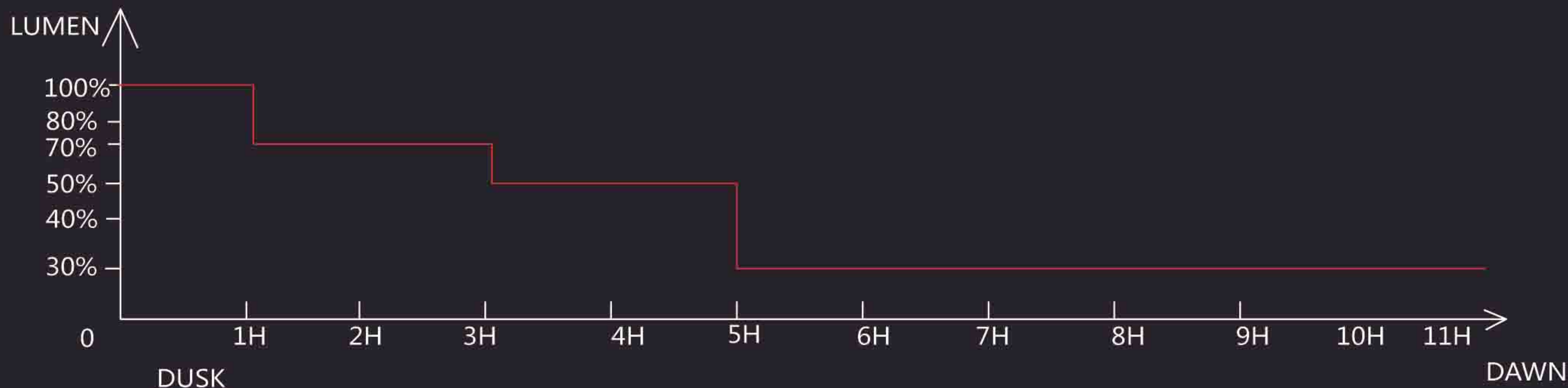
Die-cast Aluminum Lamp Housing

Solar Panel

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

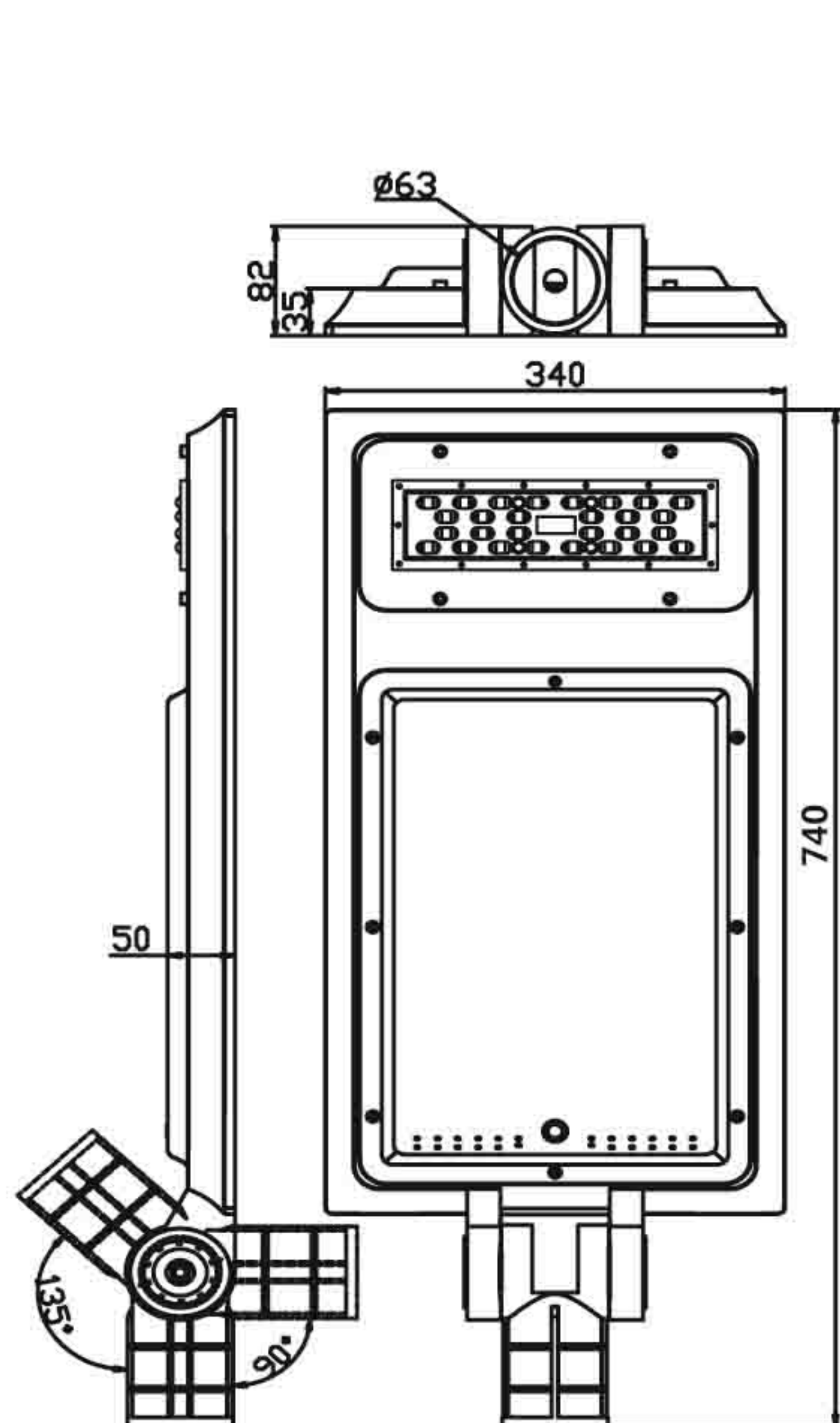


HOW THE LIGHT WORKS

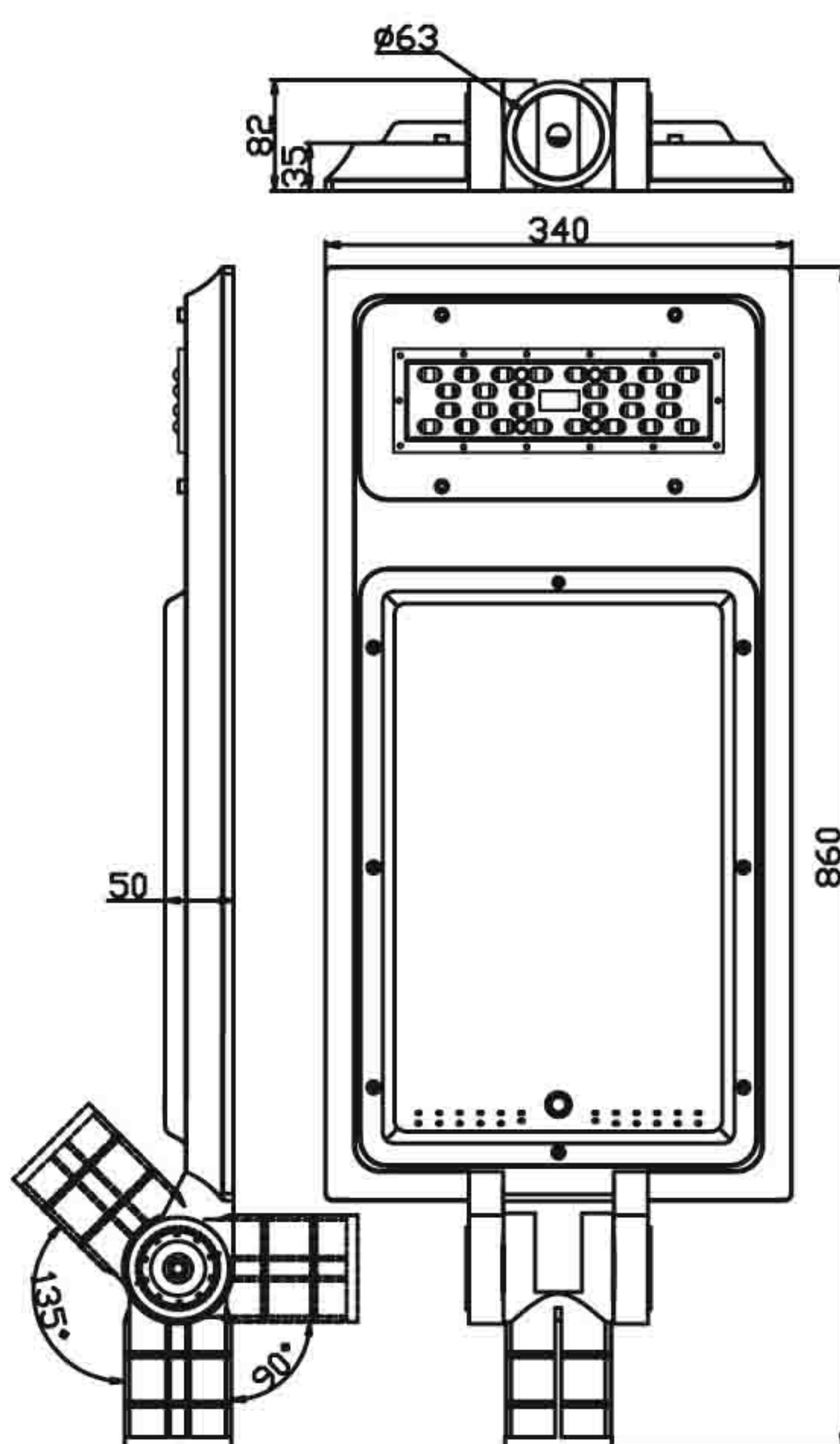


INSTALLATION DIMENSION

Unit:mm

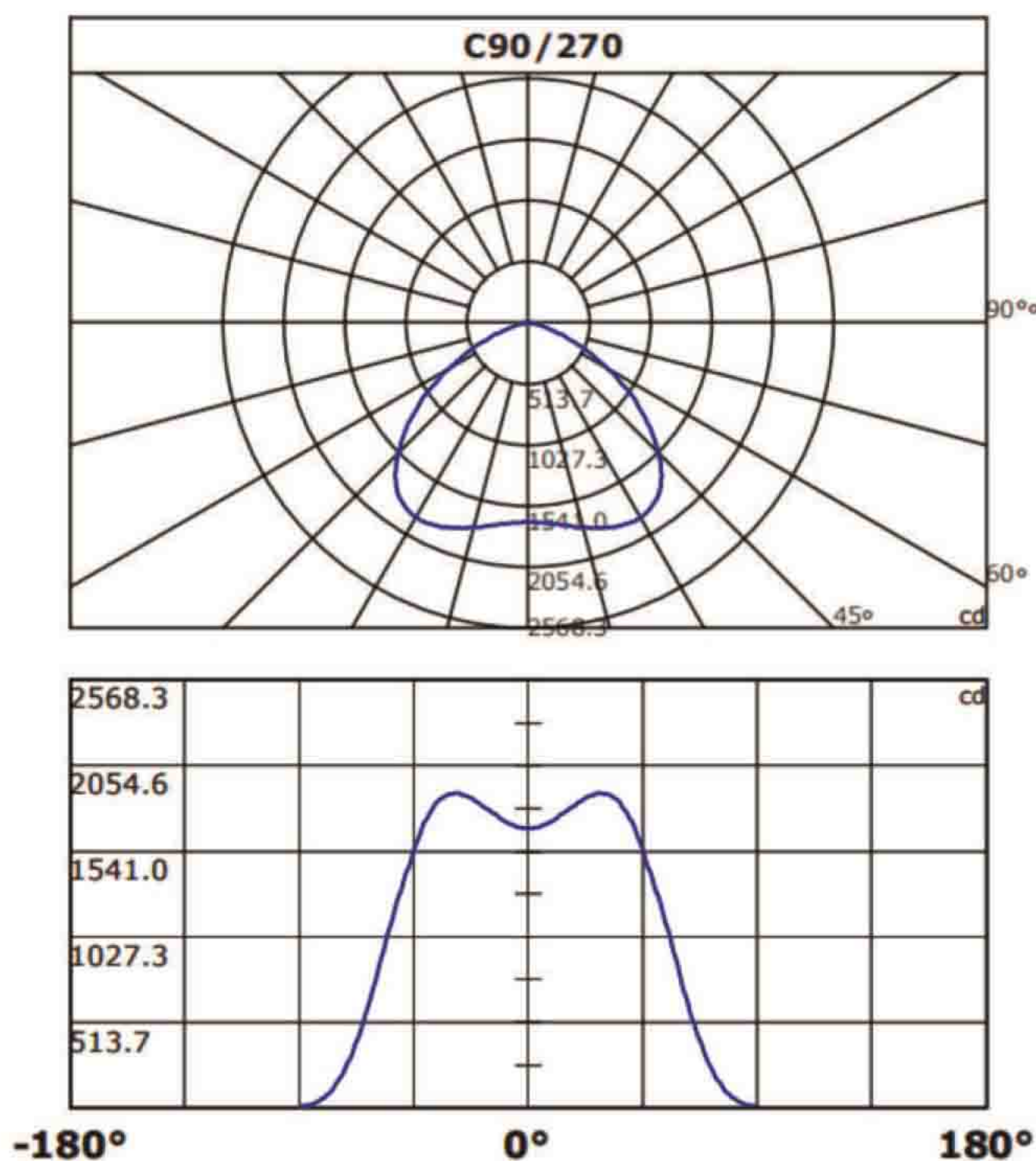
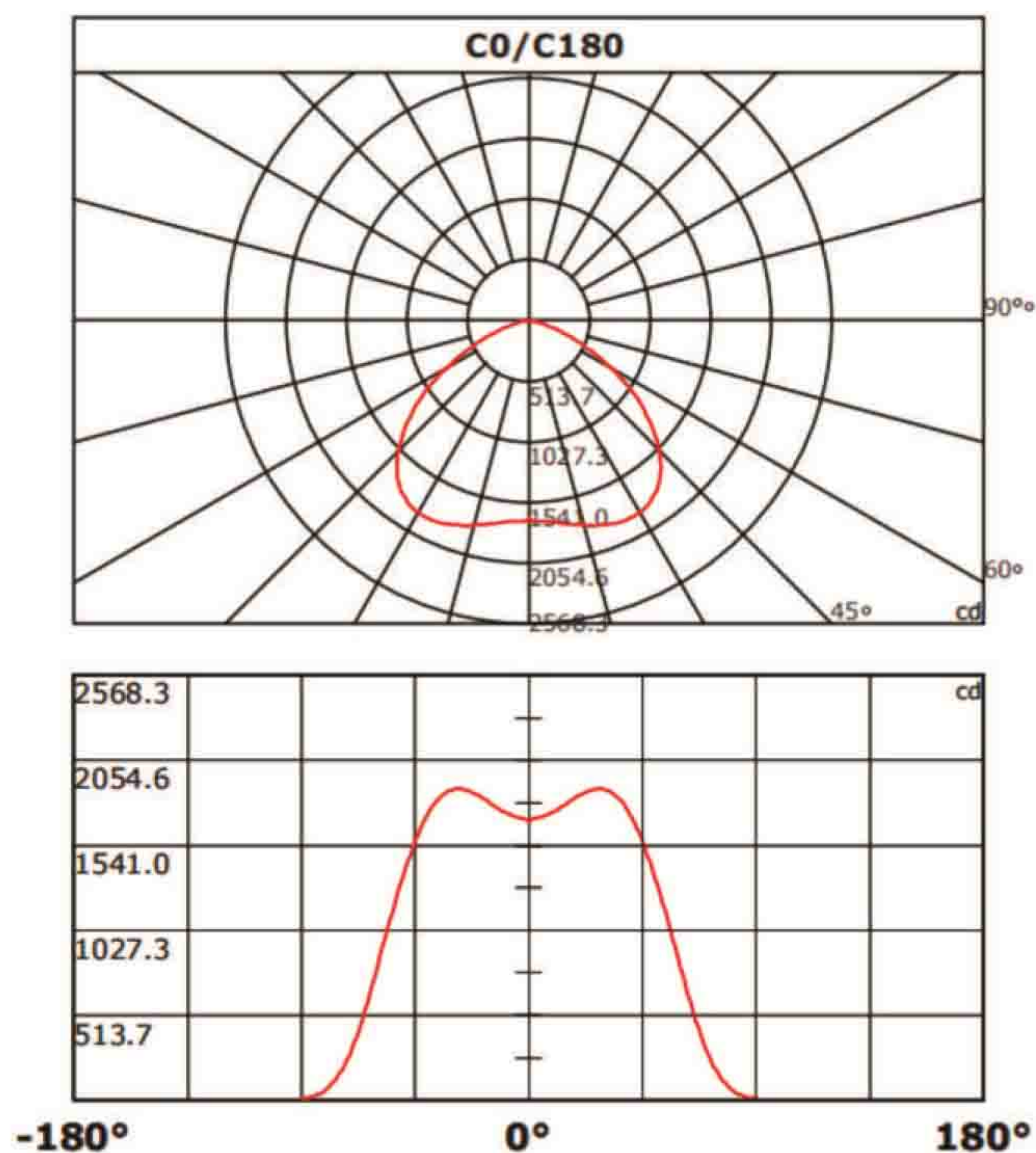


QKAT0310-AIO3815

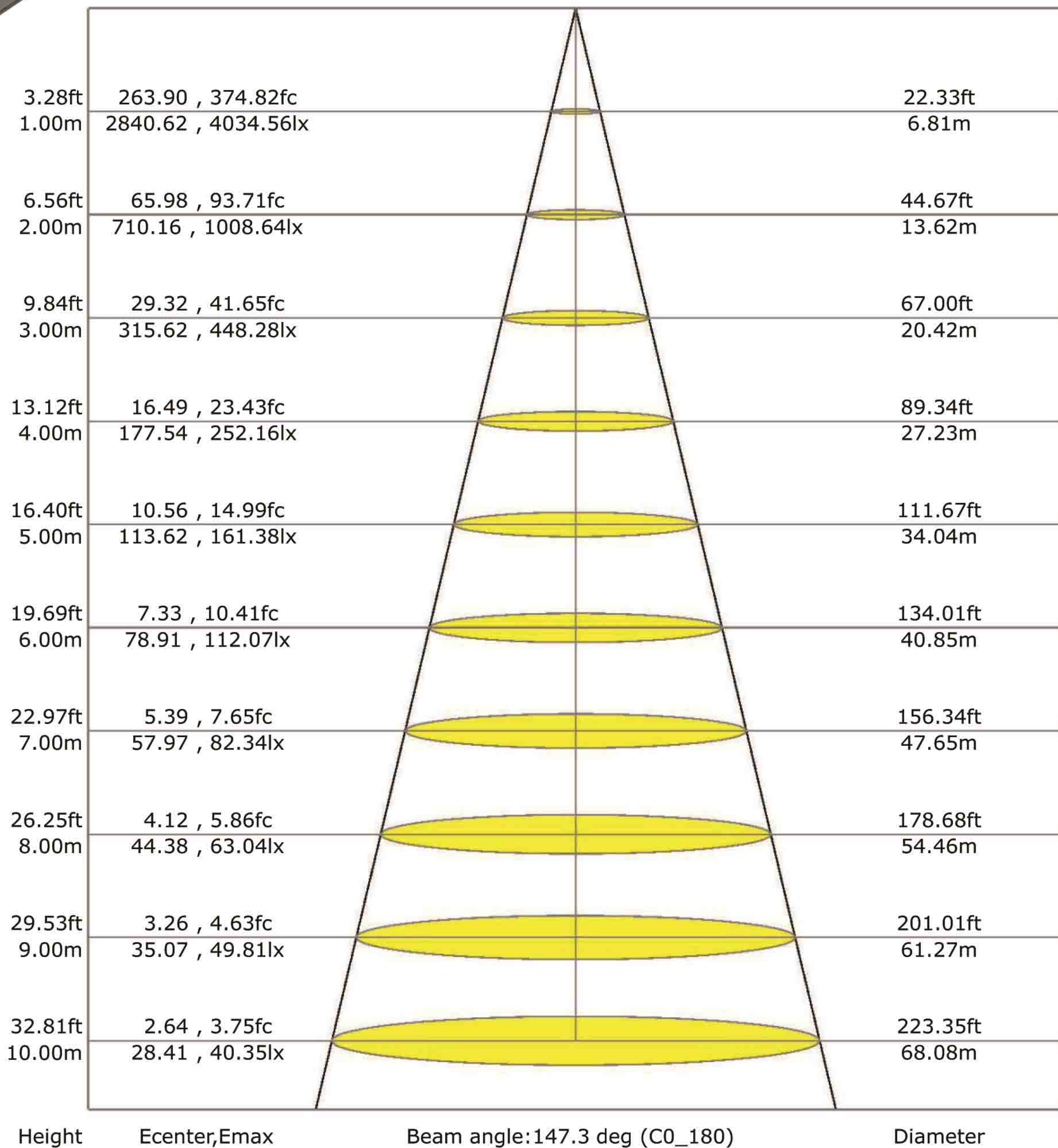


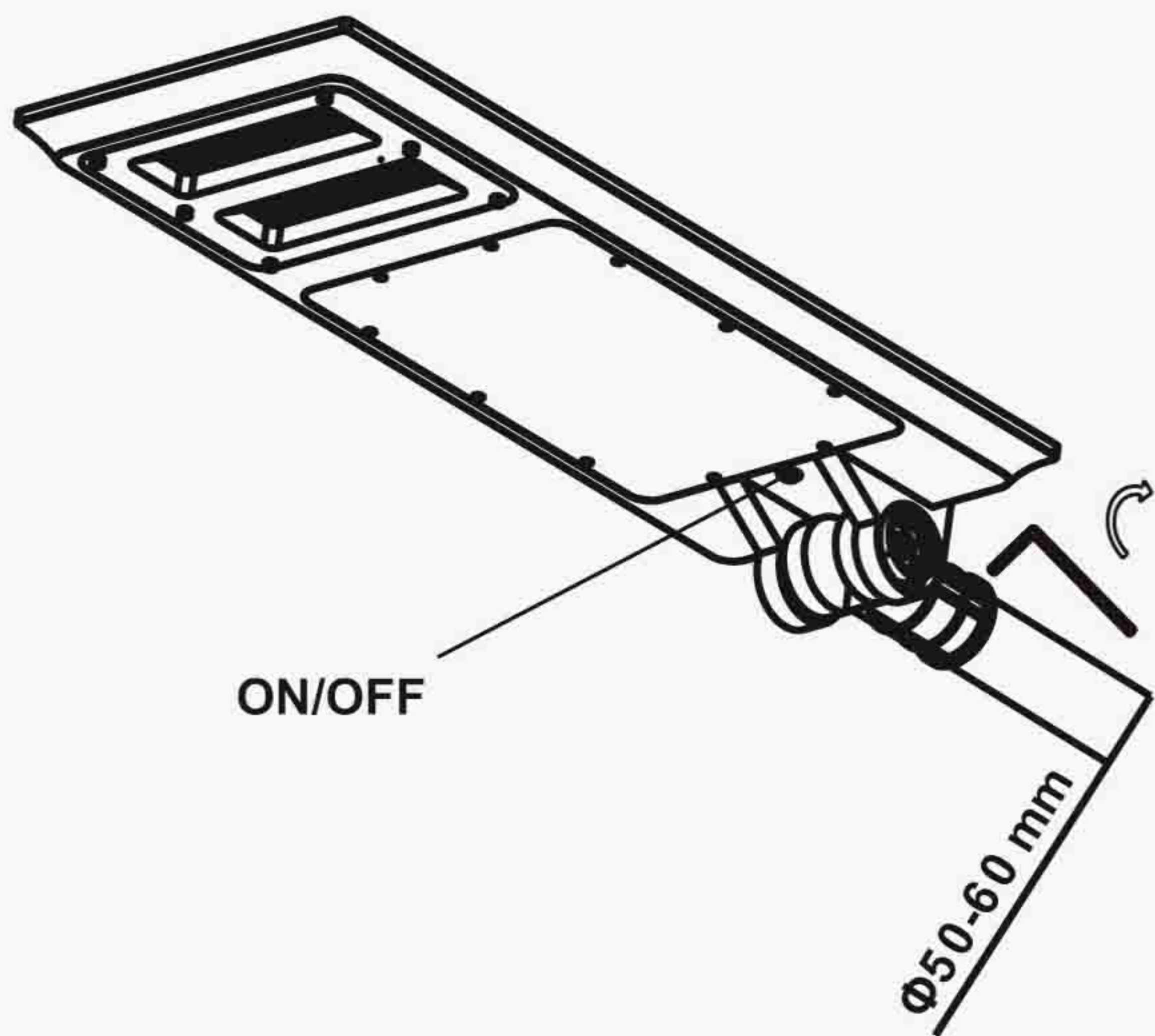
QKAT0310-AIO4825

LIGHTING DATA



LX-DISTANCE DIAGRAM



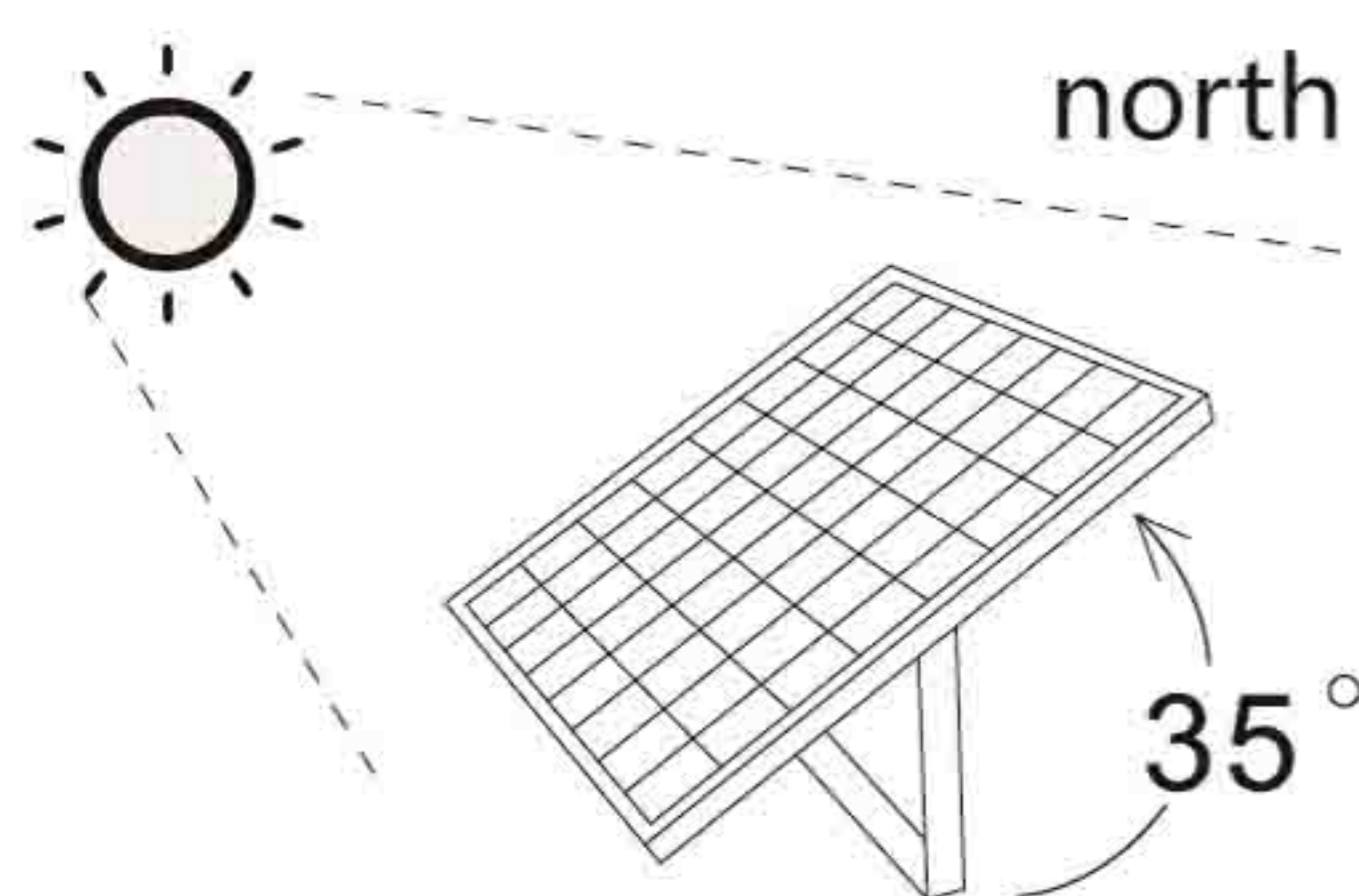


Warning

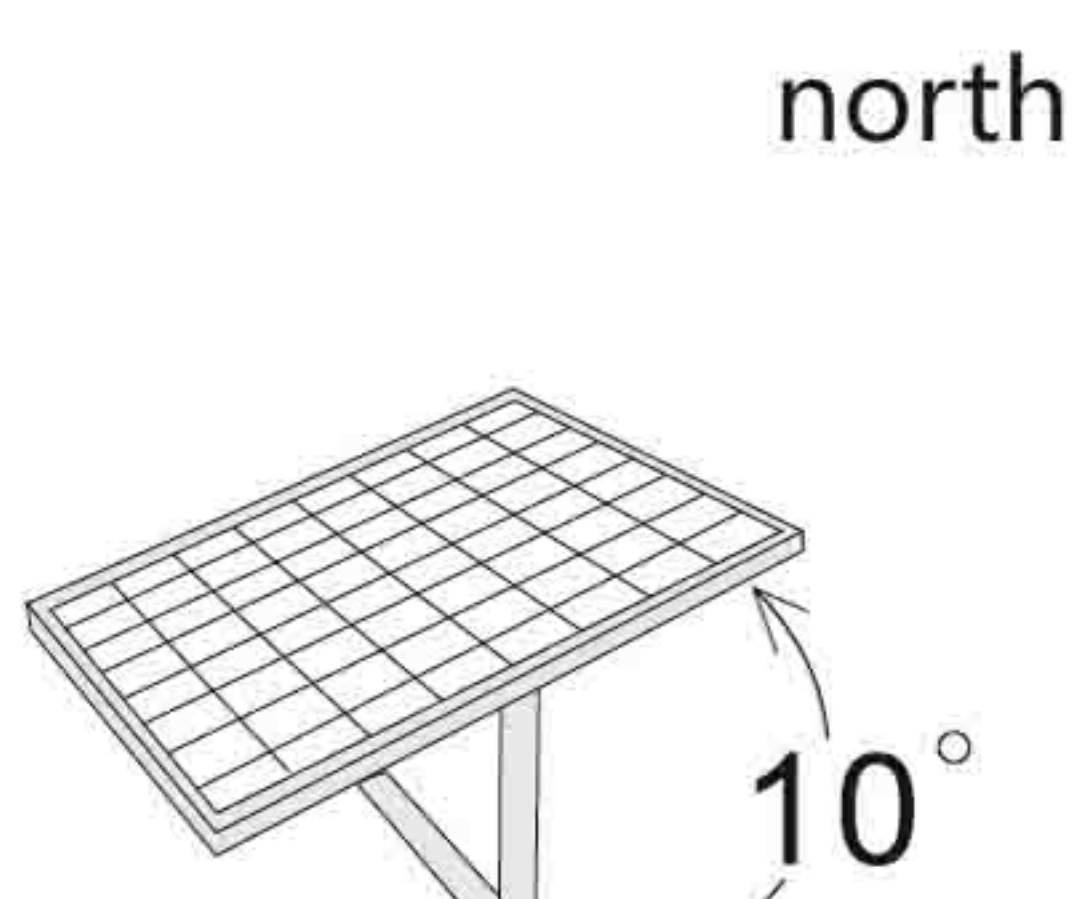
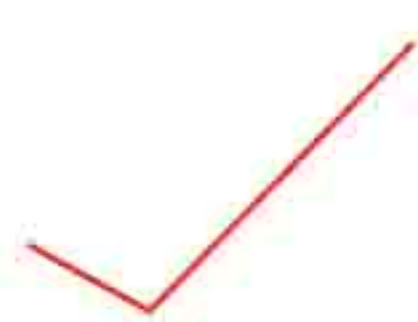
- Please avoid looking directly at the light.
- The charging and dismantling process must be carried out in a safe place.
- Do not short-circuit, disassemble ; do not put in the water and near the fire.
- without professionals, do not attempt to repair or replace the battery , the supplier shall not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

Tips:

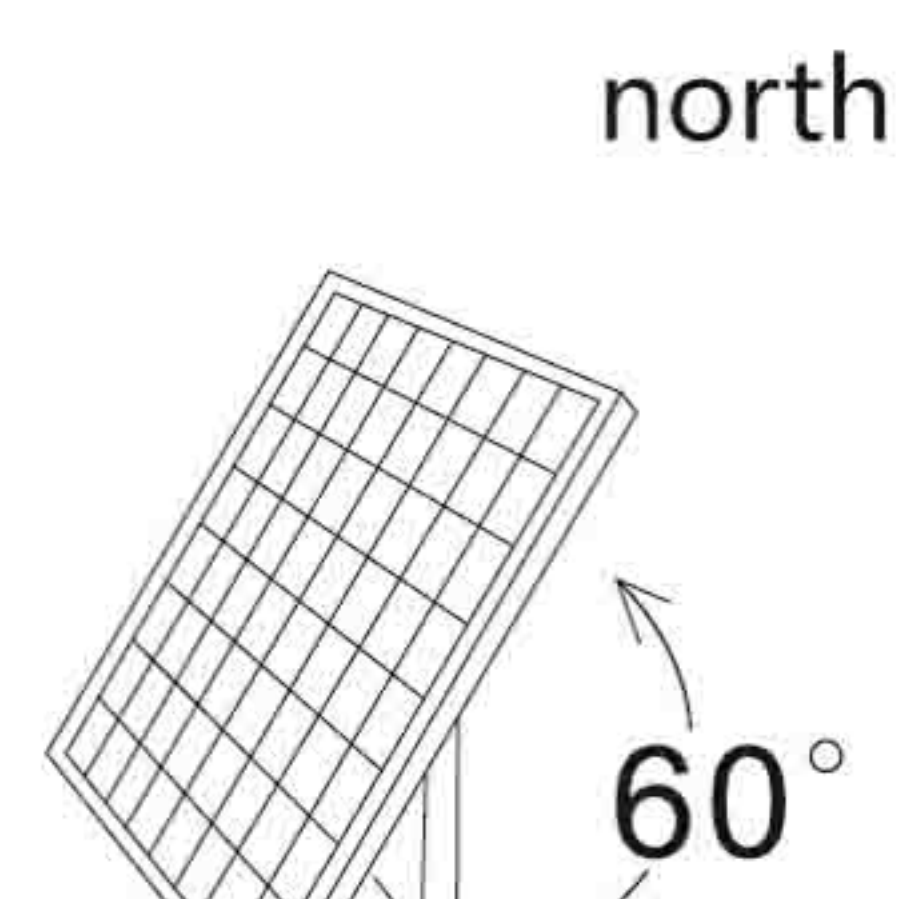
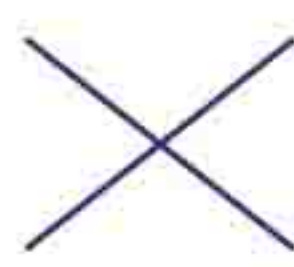
- 1.Installation direction of the solar panel is 5-10 degrees south to west,an angle of 35 degrees with the horizontal place.
- 2.Please install the solar panel in the sun direction to avoid affecting the power generation efficiency.
- 3.Please ensure the installation is stable.



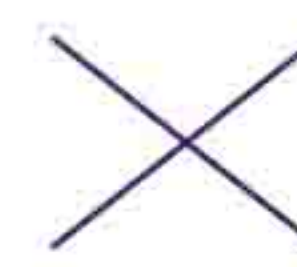
100% charging efficiency



75% charging efficiency



50% charging efficiency



PROJECT SUCCESS CASE



COMPANY INFORMATION

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