

LED Solar Street Light

HIGH LIGHT · DURABLE · SAVE COST

BB-SLD-XXXW-A3

- ★ Solar energy is a green, renewable, and clean energy source that is pollution-free, noiseless, inexhaustible, and never depleted. When the solar panel receives sunlight, it can generate photoelectric effect to produce electrical energy, and then the controller stores the electrical energy in the battery. At night, the battery discharges to light up the LED light source for use at night. A one-time investment with multi-year returns.
- ★ The company's patented product adopts an integrated design of A-type ternary lithium battery pack and lamp body controller.
- ★ Fully automatic intelligent lighting control, with timed control and remote control functions, charging during the day and automatic lighting at night.
- ★ Adopting an integrated metal plate lamp body, imported high-efficiency light source, and full power solar panels, it has anti-corrosion, waterproof, and lightning protection functions.
- ★ This product is designed specifically for outdoor lighting and is easy to install. Powered by solar energy, no wiring required, can be directly nailed to the wall or installed on a pole. Use cement columns and other installation methods.
- ★ Suitable for highways, urban roads, street lighting, rural roads, park lighting, courtyard lighting, channel lighting, farms and other places.

Product Picture



100W

150W

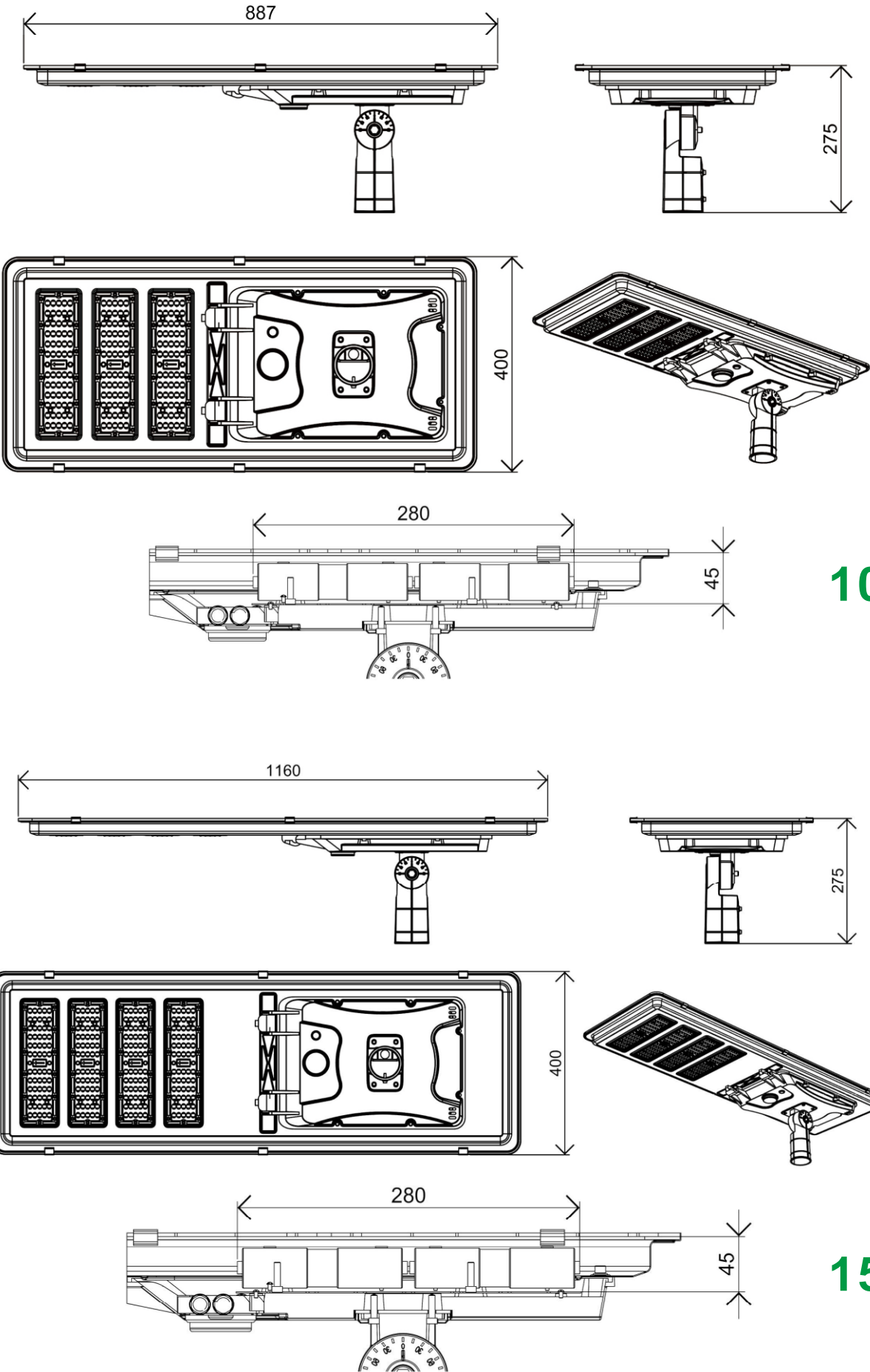
200W

MODEL:BB-SLD-XXXW-A3

DATA SHEET(Single Lamp)

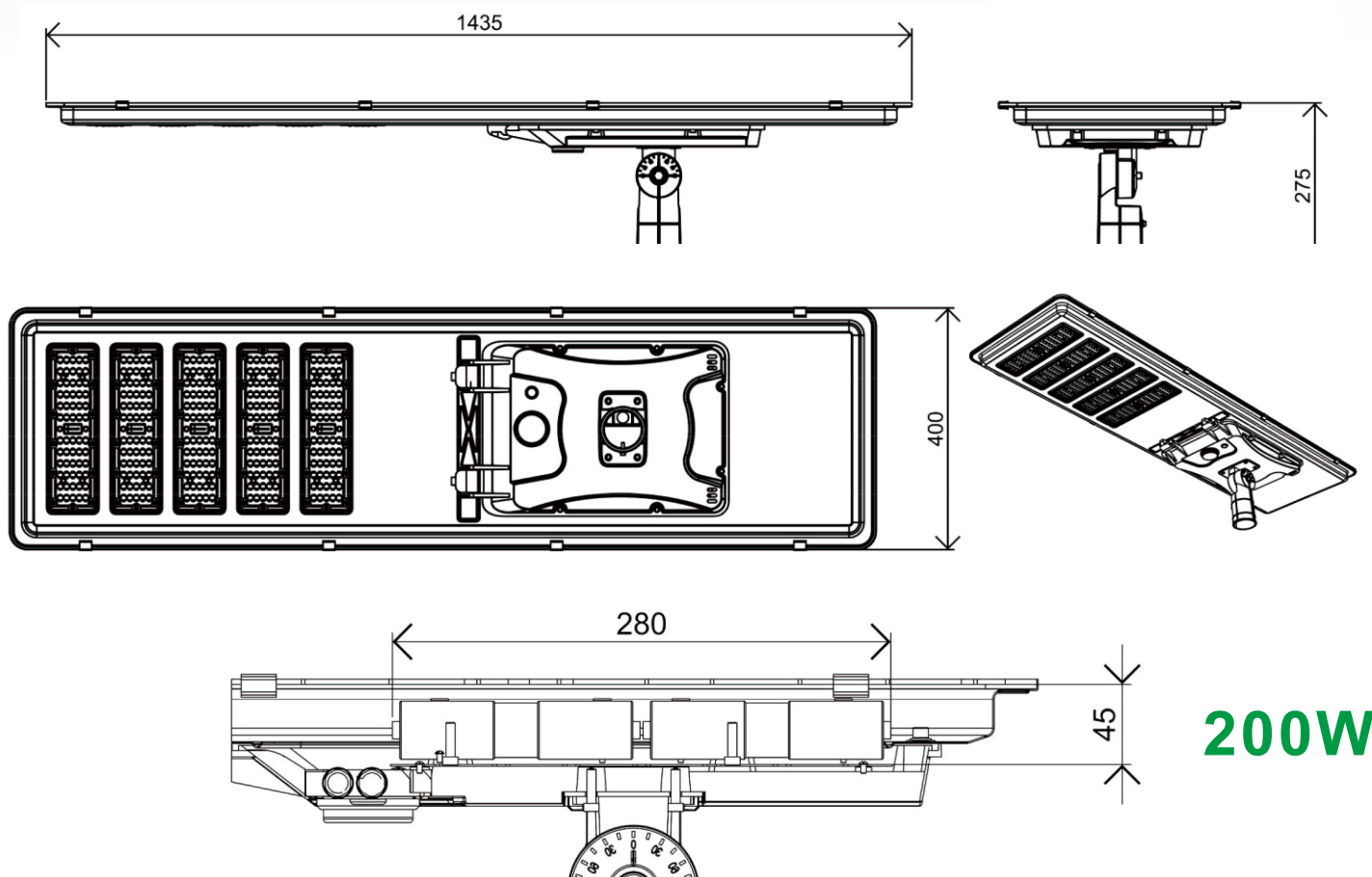
Power	100W	150W	200W
Model	BB-SLD-100W-A3	BB-SLD-150W-A3	BB-SLD-200W-A3
Dimension(mm)	615*365*160mm	720*365*160mm	930*365*160mm
Solar Panel Max Power	18/60W	18/80W	18/100W
Radiation Range	40m ²	60m ²	80m ²
Mounting Height	5-6m	6-7m	7-8m
LED QTY	180 Pcs	240 Pcs	300 Pcs
EPA(m ²)	2.0	2.5	3.0
Light Source	SMD LED		
Materials	Metal Plate Lamp Body + Solar Panel+PC Lens		
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW		
CRI	70+		
Life Span	30,000 Hours		
Driver	UL listed Power Supply		
Sensor	Motion Sensor, Photocell Sensor		
Controller	PWM Controller, MPPT Controller Optional		
Solar Cell	High Efficiency Single Silicon Solar Panel		
Beam Angle	80*150°		
Charge Time	6-8Hours(With Enough Strong Shine)		
Discharge Time	Full Power 12 Hours (Save Mode > 20Hours)		
Operation Temp	Charge Temperature:-10°C to +45°C; Discharge Temperature:-20°C to +45°C		
Optional	Charge Temperature:-20°C to +45°C; Discharge Temperature:-40°C to +45°C		
IP	65		
Warranty	3 Years		

Order Information



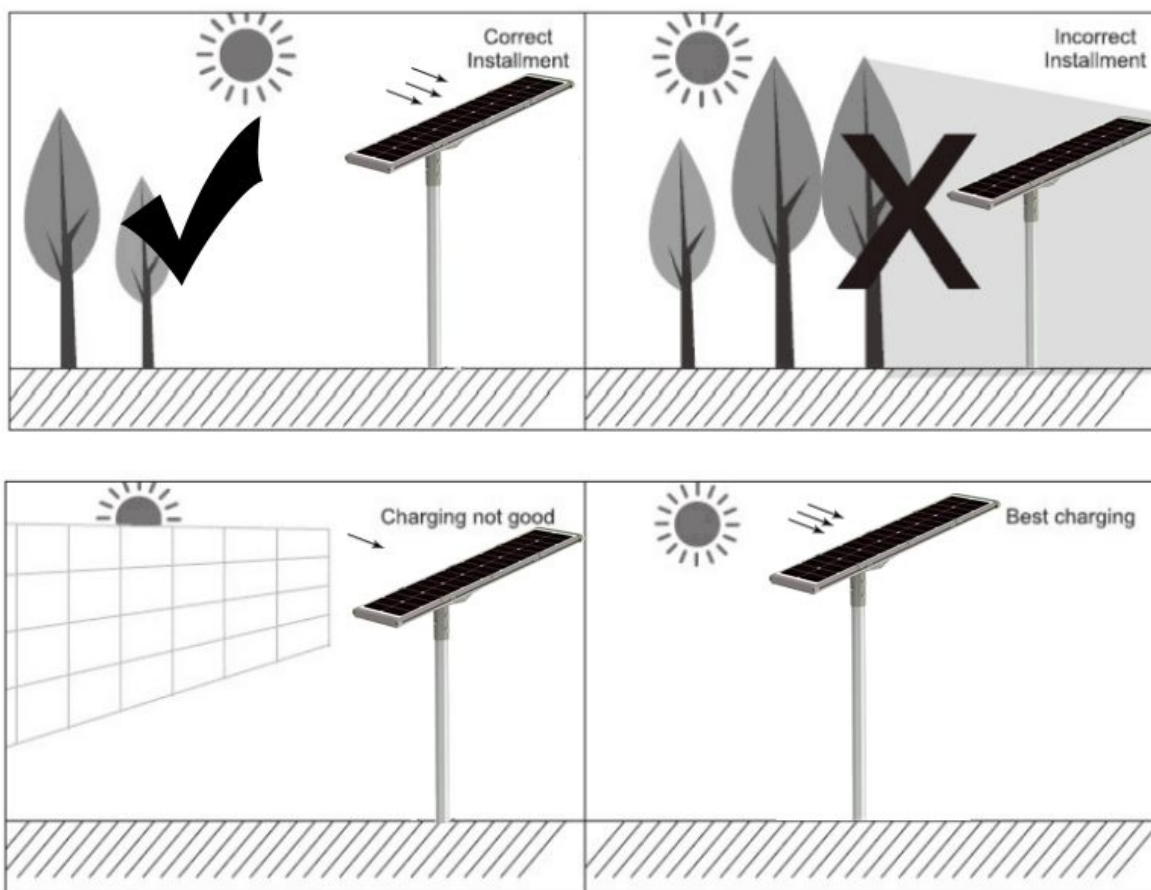
100W

150W



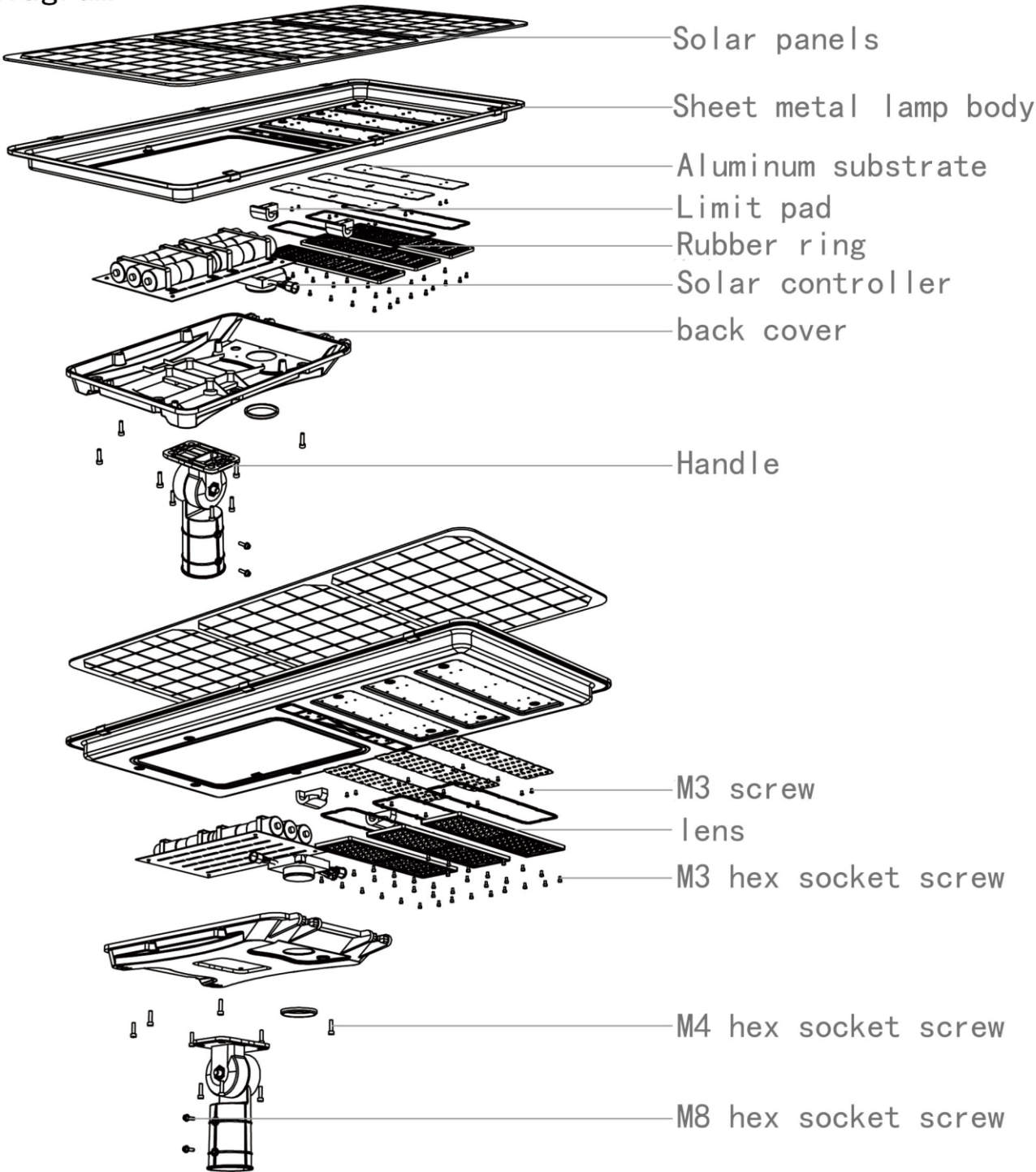
Installation Guide

Please contact sales staff if you need help during installation



Detail

Explosion diagram



Highlight LED



Single silicon Solar panel



Lithium iron phosphate battery



Remote control

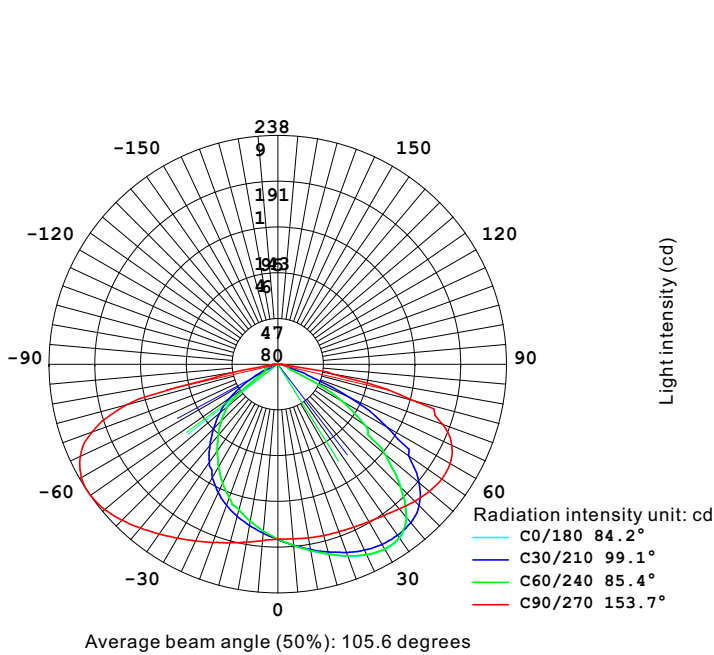


Heat dissipation performance

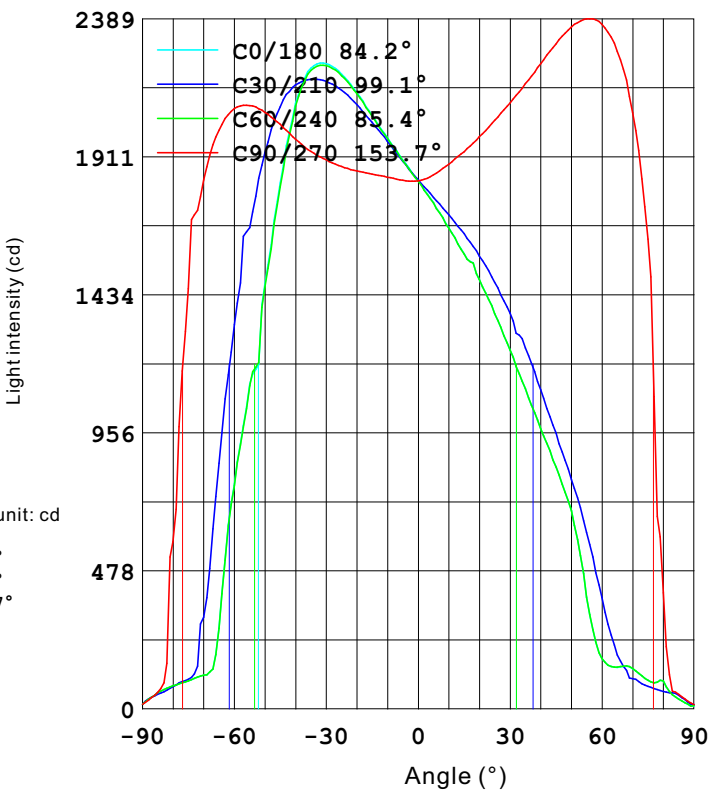


Waterproof

Surface Of Intensity Distribution



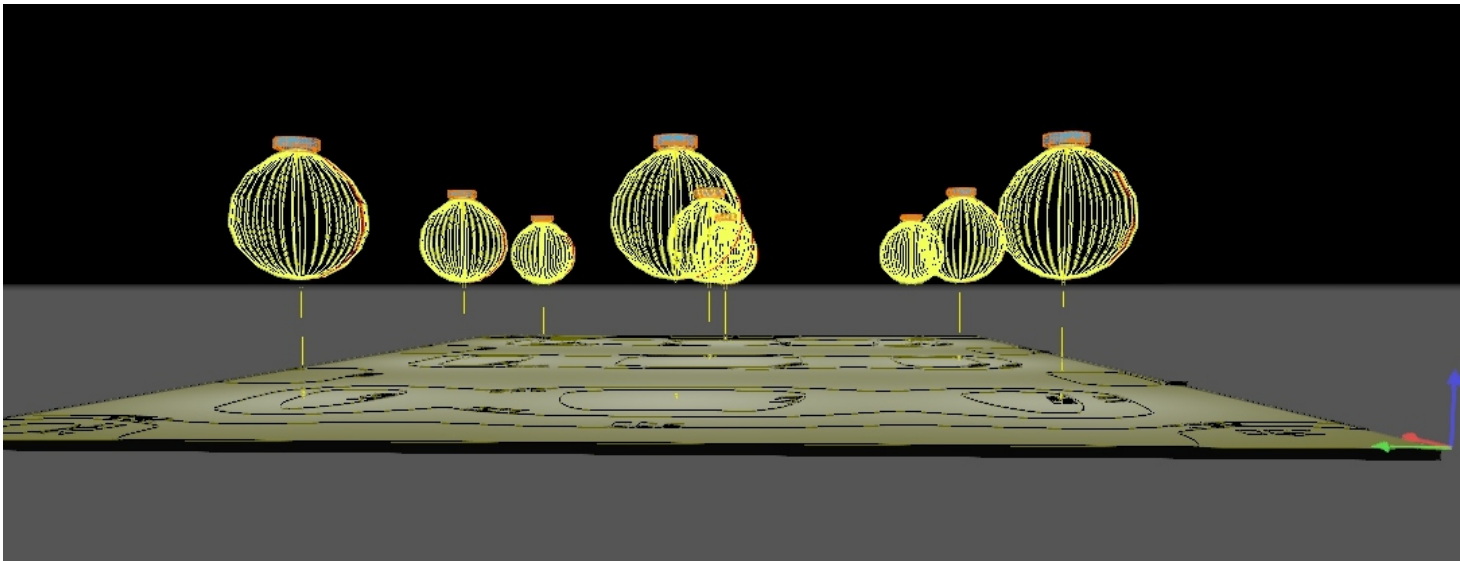
80*150°



Optics

Tech.Support:

Tell us the place/L,W and usage,we have an engineer team to respond the DIALUX for lights quantity and effects, IES files are available upon request.



Application

1. Street lighting.
2. Park lighting.
3. Courtyard lighting.
4. Stadium lighting.
5. Campus lighting.
6. Parking lot lighting



Specifications are subject to change without notice.

Updated date: 2026-07-30