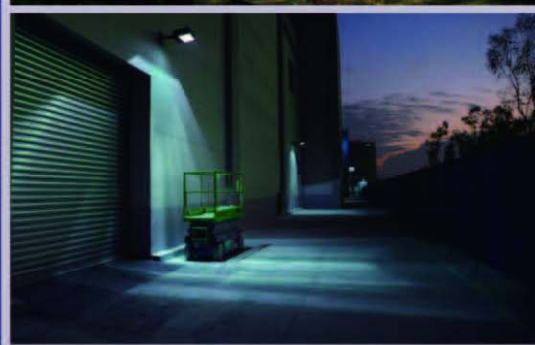


24W LED

Outdoor Lighting

- Can Be Powered by Solar
- Over 50,000 Hours Operation
- Perfect for Security Lighting
 - UL & CE Approved
 - Dimmable



Optical

- Batwing beam patterns design; IESNA type II, short and cut-off.
- Pole pitch is up to 4 mounting height with uniform illuminance distribution.

Power

- Switching mode and multiple channel constant current design.
- Over-voltage protection designs and self-thermal compensation to prevent overheat.

Thermal

- Luminaire surface temperature is 55°C@30°C.
- Overheat protection will operate to adjust as the LED module surface reaches 70°C.

Luminaire

- IP65 design for dust and water protection.
- Luminaries efficacy > 74.5 lm/W.
(Not including AC to DC)



24W LED Outdoor Lighting

Specifications:

- LED Light Source: 24 Nichia LED
- Beam Angle: Type II, Short, Cut off
- Color Temp.: 5200±400/3000±300K
- Input Voltage: 12Vdc or 24Vdc
- Power Consumption: 26W
- Operation Temp: -30°C~50°C
- IP Rating: IP65
- Net Weight: 2.1kg
- Outline Dim.: 530 (L) x 100 (W) X 95 (H) mm
- Hole Size (Max. Diameter): $\phi < 55\text{mm}$

Applications:

- Security Lighting: Residential Driving Way, Public Alley Lighting.
- Pedestrian Area: Park and Residential Walkway.

Our LED Luminaries:

- Live demonstration for over 15,000 hrs, maintain 92% Lumens.
- Long Last: Over 50,000 Hours with 70% lumens maintenance.
- Luminaire is made from aluminum.
- Design and Made in Taiwan.
- UL Approval.

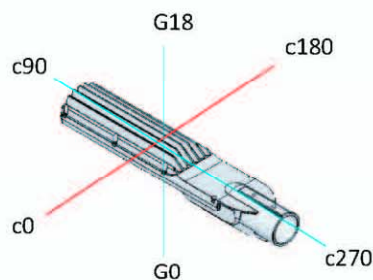
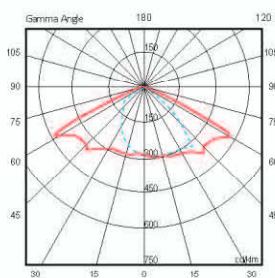
Optical Performance:

Color Temp.	Output Lumens (Typ.)
5200 ± 400K	1789 lm
3000 ± 300K	1430 lm



Example: Roadway Surface Illuminance Distribution at 4m Height

Road Width: 6 m
Pole Pitch: 16 m
Mounting Height: 4 m
Install Inclined Angle: 15 degree



5200K, 1789 Lm	
Max.	27.0 Lx
Avg.	13.0 Lx
Min.	5.4 Lx
Uniformity (Min./Avg.)	0.43

