



# LED STREET LIGHTING (YL02)



**EGE YL01 Streetlights** play a vital role when it comes to the safety and security on our streets, in parks and in urban areas. Our Street light Series was designed to contribute to these aspects while still being affordable and without compromising on light quality or energy efficiency. During daytime the aesthetic yet unobtrusive design will perfectly blend-in while during dark hours its full long-lasting potential will unfold and illuminate where safety and security are essential.

A wide wattage range from 60W to 150W, lenses for different beam angles and a suitable selection of slip-fitter or different pole sizes guaranty the right setup for most areas of application. If needed a quick maintenance flap allows fast and easy access to the driver compartment. Optional daylight and motion sensors potentially enhance power savings and reduce unwanted light.

## **Application:**

**Widely used:** Urban Road Lighting, Parking Area, Residential Road, Compound Area and Garden Area

## **Product Features and Advantages.**

1. **Fitting Body:** High pressure die casting aluminum body, impact resistance reach IK09.
2. **Tempered glass protector:** High performance tempered glass with high light transmittance.
3. **Modularity design:** Modular optical lens design, easy for future upgrading and improvement.
4. **Waterproof IP66:** The silicone circle sealing technology and waterproof IP66 can completely prevent dusts and water in rainstorm.
5. **Clip on designed:** makes lamp easy to installation, maintenance and replacement.
6. **Detachable design:** Use fast turn off power protector connector and make easy and safe for maintenance.
7. **Sturdy and Durable:** Aluminum module has surface anodic oxidation process, getting a protective shield and greatly enhance the stain resistance. Its cover is resistance to high heat, anti-aging and lasting brightness, therefore is widely used at outdoor.

## Electrical & Mechanical Protection Function

- ✓ Output over - Voltage Protection
- ✓ Output over - Current Protection
- ✓ Short Circuit Protection
- ✓ Over Temperature Protection
- ✓ Surge Protection: 10KV
- ✓ Optional:20KV
- ✓ Ingress Protection: IP66
- ✓ Impact Protection: IK09
- ✓ Full set of Stainless-steel screw use.
- ✓ Full set of waterproof connector use.
- ✓ Anti UV and Fireproof Optical PC Len.

## Model & Specification

Model	EGE-SL060-YL02	EGE-SL100-YL02	EGE-SL150-YL02
Power	60W	100W	150W
Input Voltage	AC100 ~ 277V		
Frequency	50 / 60 Hz		
Power Factor	> 0.95		
Working Temp	- 30°C ~ + 50°C		
CRI	Ra ≥ 70		
Luminous Flux (LM)	8400	14000	21000
Lamp Luminous	140 LM/W		
Color Temp	3000K, 4000K, 5000K.		
LED Source	Lumileds / Bridgelux		
LED Driver	ZH Power		
IP Rating	IP 66		
Beam Angle	T2 ( 80*155° ) / T3 (70*155°)		
Socket Diameter	Ø 42/ 52/ 62 mm		
Lifespan	≥ 50000 Hours		
Material	Aluminium Alloy ADC12 / PC / Temper Glass.		
Dimension	555*200*100	615*233*100	675*260*100
Weight	3.3Kg	3.9Kg	5.9KG

## Dimension

