

# EL-SLI5



*The manufacturer reserves all rights to make changes in the materials and components used in its products. All data is subject to change without prior notice. The tolerance for all the given data is 10%.*

## Product Description:

- ELUX PRO luminaire is the ideal solution that fulfils requirements of functional street lighting and residential areas, which working with excellent heat dissipation and perfect optic system. Equipped with high-quality electrical components, long lifetime is assured. Tool-free access design and auto-disconnector device, enables easy, safe and minimal cost for maintenance. Efficient system also to reduce energy consumption and to create a more attractive urban living environment and visual comforts for public and residential areas.
- With patented housing design and a large range of optics, Elux Pro series luminaire is also a perfect choice for project usage.

## Features:

- Sharpe lines on its body bring visible impact
- Advanced thermal management
- Outstanding self-cleaning ability
- Standard LED module passed EN 62031
- Tool-free access and maintenance

## Application:

- Highway roads
- Streets
- Parking lots
- Residential areas

## Specifications:

EL-SL15-Mini



EL-SL15-M



EL-SL15-L

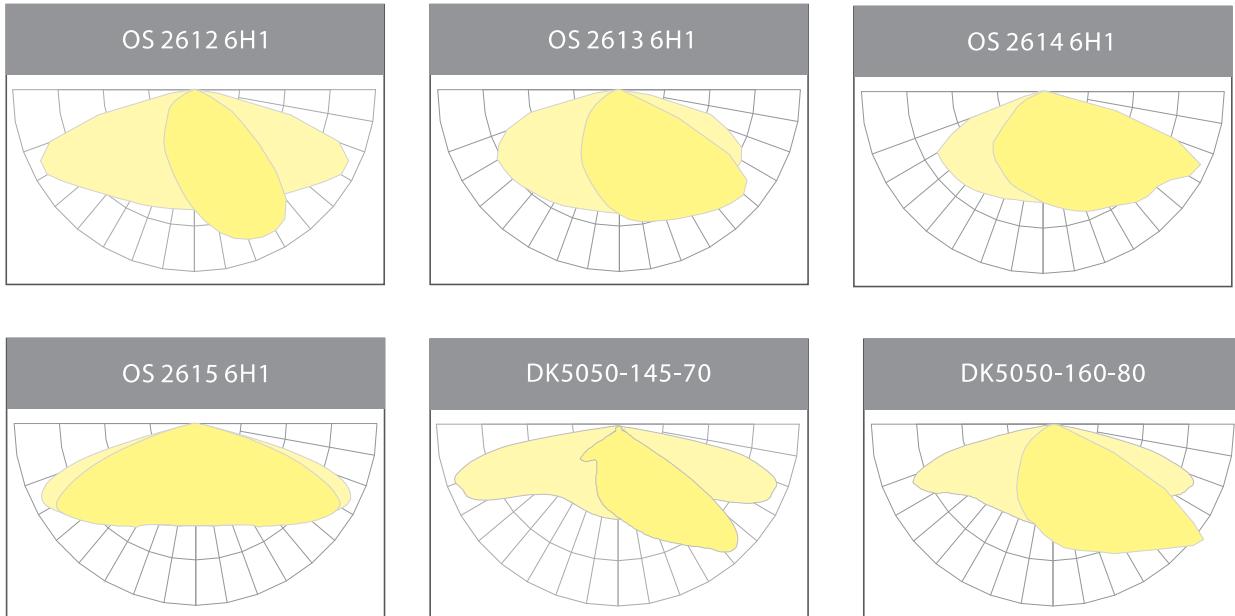


<b>Model</b>	EL-SL15-Mini(Mini version) EL-SL15-M(Medium version) EL-SL15-L(Large version)
<b>Light source</b>	Integral LED Module
<b>Power</b>	10W-40W 50W-150W 150W-240W (Other power upon request)
<b>Luminaire flux</b>	1200Lm-5600Lm (Mini version) 6000Lm-21000Lm (Medium version) 21000Lm-33600Lm (Large version)
<b>Luminaire efficacy</b>	140lm/W (@5050 LED, Ra70, CCT5700K) 3030 LED option is also available
<b>CCT</b>	3000K/4000K/5000K/5700K
<b>CRI</b>	> 70 > 80(upon request)
<b>Lifetime</b>	> 50,000 hours at 25°C ambient temperature
<b>Operating temperature range</b>	-35 to 50°C
<b>Driver brand</b>	Inventronics Other brands(upon request)
<b>Electrical</b>	Class I 90-305VAC / 50-60Hz Class II 176-305VAC / 50-60Hz 10KV surge protection Power auto switch off when opening
<b>Dimming options</b>	1-10V DALI-2 & D4i AstroDIM for autonomous dimming with five independent levels Smart control management system
<b>Options</b>	Customizable length external cable (Standard is 0.5m) Surge protection device (20KV/50KV) Photocell 7pin NEMA socket Smart control device
<b>Materials</b>	Housing: ADC12 die-casting aluminum Cover: Tempered glass Screws: 304 stainless steel
<b>Color</b>	RAL9023 Grey/ RAL9011 Black
<b>IP rating</b>	IP66
<b>IK rating</b>	IK10
<b>Certifications and test reports (Under testing)</b>	ENEC CE CB IEC ROHS LM79 TM21

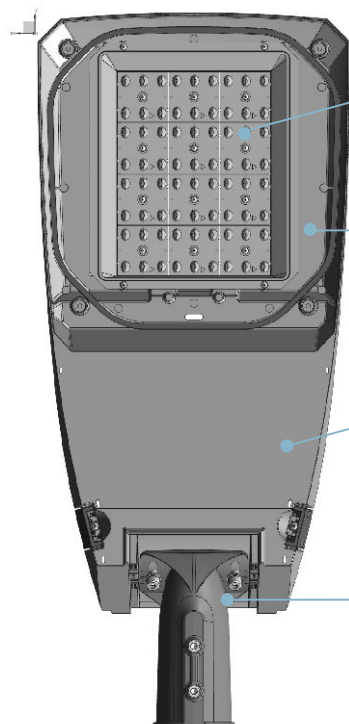
## Luminous Intensity Distribution Diagram

The ELUX PRO series LED street light luminaire comes with a robust optic compartment design, enable many different options of LED chipset and optic lens modules, which will help customers to always cope with the latest development of efficiency of led by using different types of led package.

The standard option is 5050 LED package, basically the ELUX PRO could offer 6 standard light distribution curves as following:



The other LED package types like 3030, 3535 solution with different light distribution curves are also available, please contact the sales for details once needed.



### LED

EN 62031 certified 5050 LED modules, match various 2x3 lens for different light distribution

### GLASS

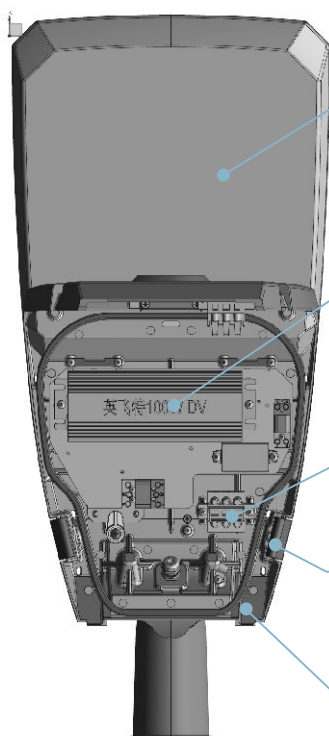
5mm thickness tempered glass fully covered, whole lamp reached IP66 IK10

### CHAMBER

Expanded driver chamber, compatible with multiple drivers, SPD, NEMA, Zhaga and smart control devices

### HOLDER

2 in 1 designed holder, post top or side entry installation as you wish,  $\pm 15^\circ$  angle adjustable



### HEAT SINK

High pressure die-casting aluminum housing with ribbon-free top surface, no dust and water will stay on the housing

### DRIVER SUSPENSION

Customized driver suspension compatible with different drivers, well heat conduction, whole set is tool free removable for easier maintenance

### DIS-CONNECTOR

Electrical disconnecter, automatically disconnect the power supply when opening the luminaire

### MANUMOTIVE CLASP

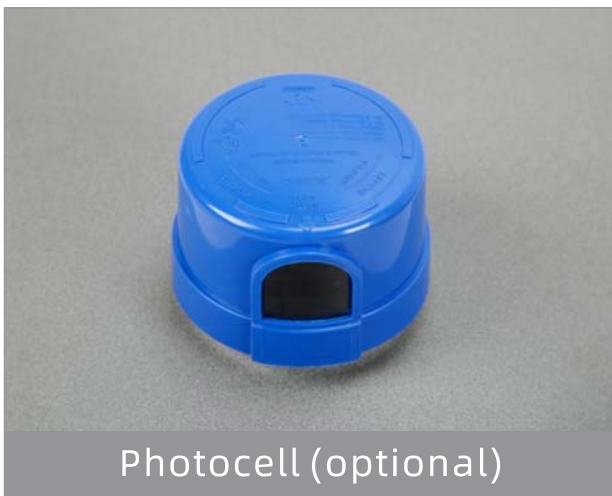
Tool free access to driver chamber

### SILICON GASKET

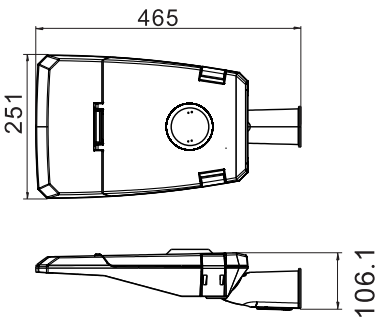
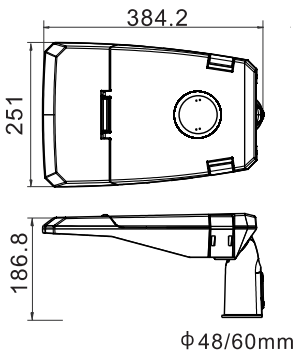
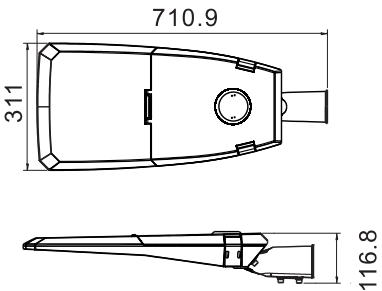
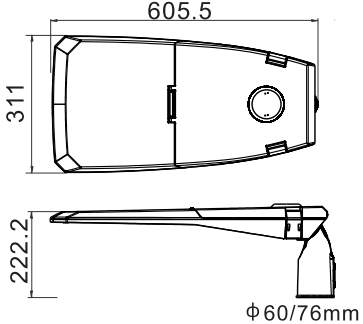
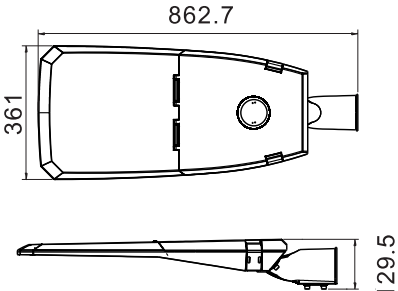
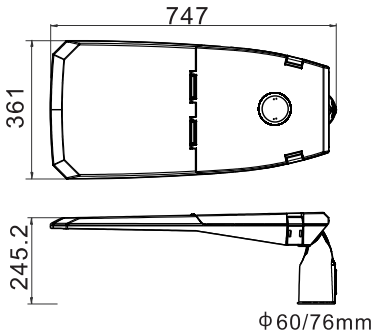
Superior bounceable silicon material can bear min.  $-35^\circ\text{C}$  and Max.  $50^\circ\text{C}$  harsh environment, reliable waterproof performance



## Pictures:



## Product size:

	Horizontal Installation	Vertical Installation
EL-SL15 MINI		
EL-SL15 M		
EL-SL15 L		

## Installation:

- The ELUX PRO luminaire can either be post-top or side-entry mounted.
- The ELUX PRO luminaire is fitted with an adjustable inclination system to facilitate photometric adjustments on-site for optimal photometric performance.
- 3 installation pipe diameters are available, 48/60/76mm.
- Installation reference as below.

