

SLS-SIRIUS

ELUX series

Zhaga-based luminaire

Features:

- Patented Ribbon-Free housing™ technology
- Excellent thermal management
- Outstanding self-cleaning capability
- Patented optics for increased application efficiency
- Tool-free maintenance

Application:

- Highway roads
Streets
- Parking lots
- Residential areas



Product description:

Housing and cover: in die-cast aluminium

Pole connection: in die-cast aluminium and with gaskets to secure the frame according to different inclinations. Adjustable ranges: between 0° and 15° for side mount; and between 0° and 15° for mast-top mounting. Inclination pace: 5°. Suited for poles with a diameter 48-76mm

Diffuser: clear, tempered glass, 5 mm thick, resistant to thermal shock and impacts (UNI-EN 12150-1: 2001)

Coating: the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating.

Standard supply: Automatic temperature control inside the device with automatic resetting. Electronic safety device to protect the LED module and the related ballast compliant with EN 61547.

It works in two modes:

- differential mode: surge between power cables and between the phase and neutral.
- common mode: surge between power, L/N and ground cables or between the fixture's body if it is of class II and installed on a metal pole.

Upon request: protection up to 10KV.

Equipment: complete with IP66 airtight connector for mains connection. Supplied with double insulation switch that cuts off electricity when the cover is opened.

Energy-saving: the possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions, and also help you deal with maintenance and retrofitting problems. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.

Optics: in PMMA, highly resistant to temperature and UV radiation. Flow recovery in V2 polycarbonate.

LED: Latest generation LED technology, Ta-30+40°C life 80%: >100.000h (L80B10).

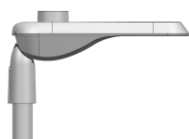
Photobiological safety class: exempt group EN62471.

Power factor >0.9

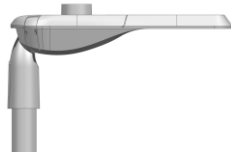
Regulations: Produced accord

Specifications:

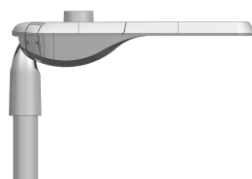
VML-SL68-Mini



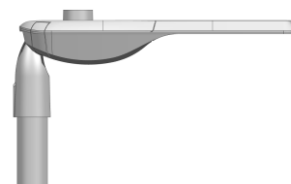
VML-SL68-S



VML-SL68-M



VML-SL68-L

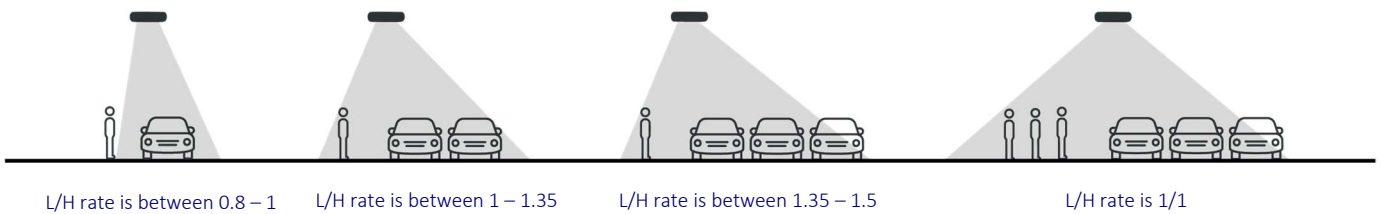


Model	VML-SL68-Mini(Mini version) VML-SL68-S(Small version) VML-SL68-M(Medium version) VML-SL68-L(Large version)
Light source	Integral LED Module
Power	30W/40W 50W/60W 80W/100W/120W 150W/180W/200W (Other power upon request)
Luminaire flux	1400-5500Lm(Mini version) 6500-7800Lm(Small version) 10000-16000Lm(Medium version) 19500-26000Lm(Large version)
Luminaire efficacy	140-155 Lm/W
CCT	4000K (3000K/5000K/5700K upon request)
CRI	> 70 > 80(upon request)
Lifetime	100,000 hours at 25°C ambient temperature
Operating temperature range	-30 to 45°C
Driver	Meanwell (Inventronics optional) Other brand of driver(upon request)
Electrical	Class I or Class II Input voltage: 90-305VAC/50-60Hz, 170-305VAC/50-60Hz 10KV/20KV SPD Power automatically switch off when opening
Dimming	Dali 1-10V PWM AstroDIM for autonomous dimming with five independent levels Smart control management system
Options	Photocell Surge protection device (up to 20KV) 0.5m External cable(Other length upon request) Smart control device Motion detection
Materials	Housing: ADC12 die-cast aluminum Cover: Toughened Glass Screws: 304 stainless screws
Color	Grey/ Black/ white
Tightness level	IP66
Impact Resistance	IK09
Standards & Certifications	CE ENEC CB GS IEC ROHS LM80 LM79 TM21

Luminous Intensity Distribution Diagram

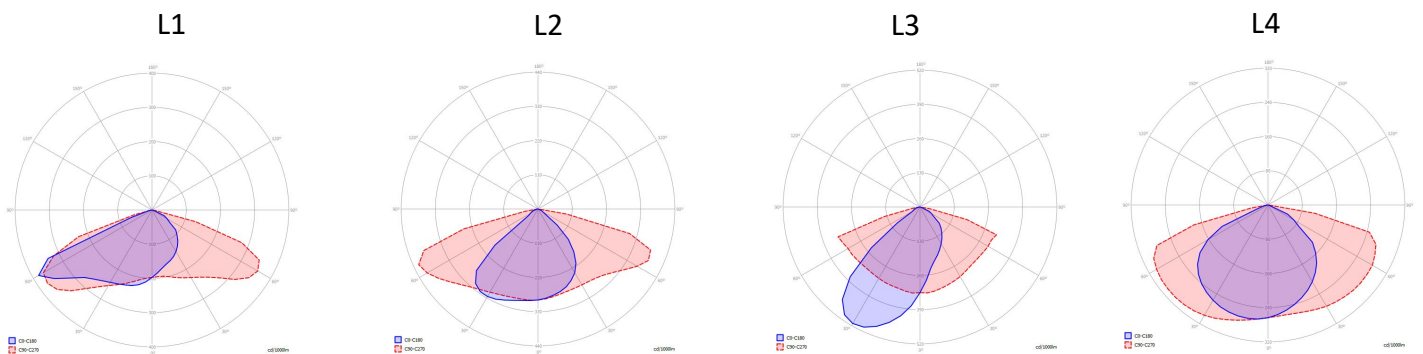
The Elux series LED street light luminaire come with a robust optic compartment design, enable many different options of LED chips and optic lens modules, which will help customers to always cope with the latest development of efficiency of Led by using different type of LED package, form 3030 to 5050

MAIN APPLICATIONS



These graphics are for illustrative purposes and represent the most commonly used lens types. For comprehensive applications, please ask your VIMALUX adviser for full details.

Most common Lens type



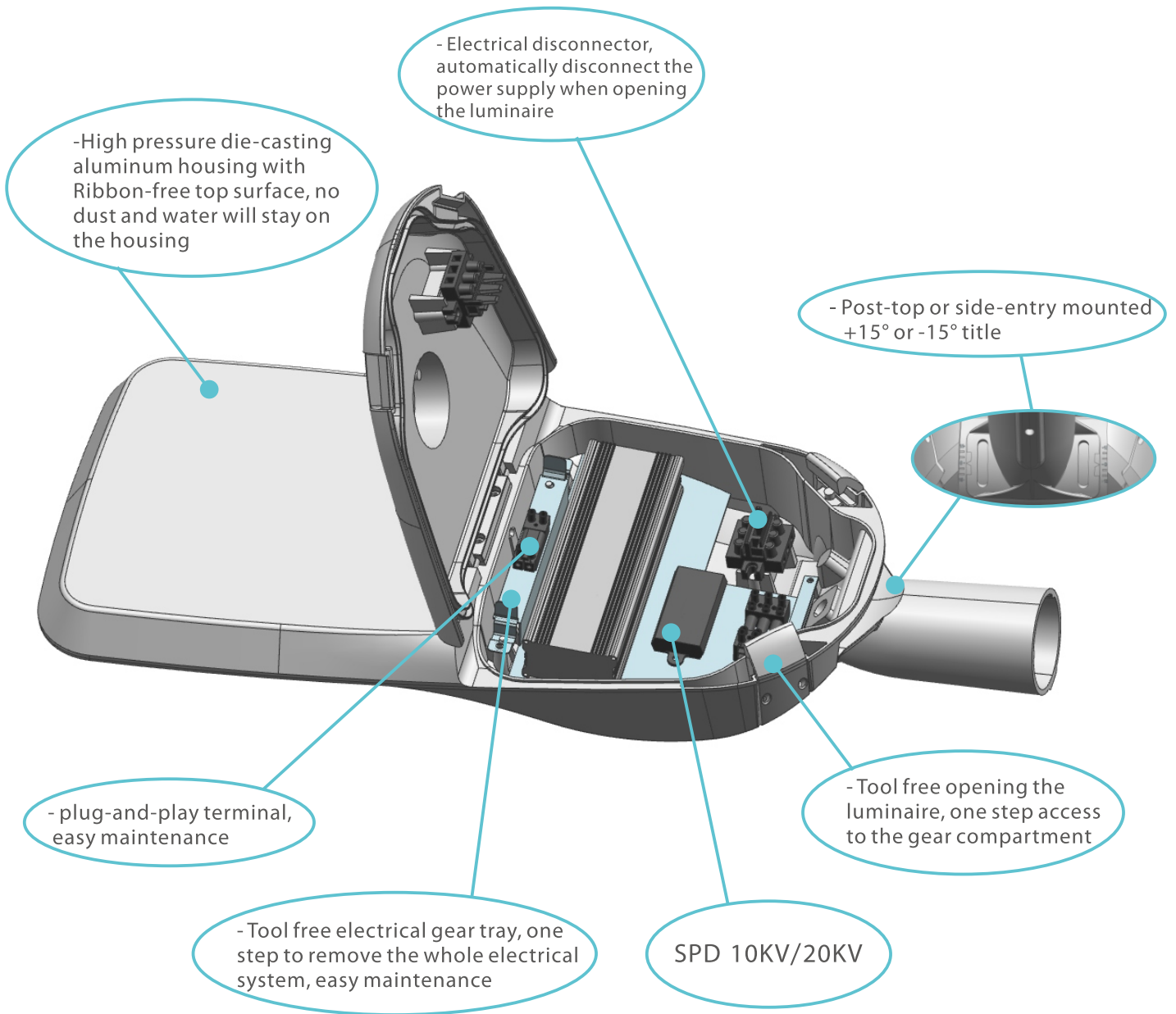
For other lens type, please ask your VIMALUX adviser for full details.



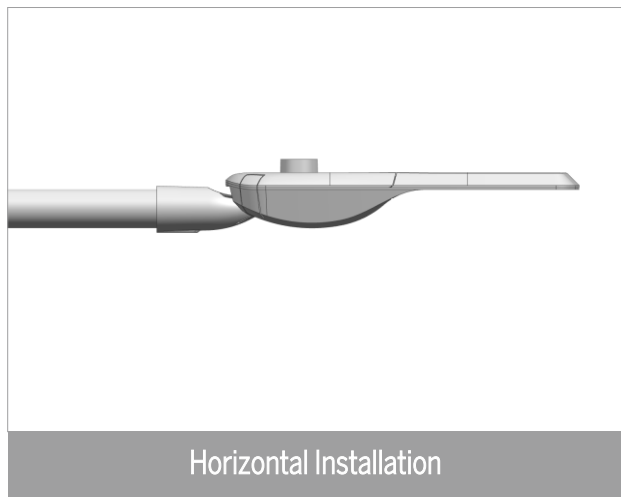
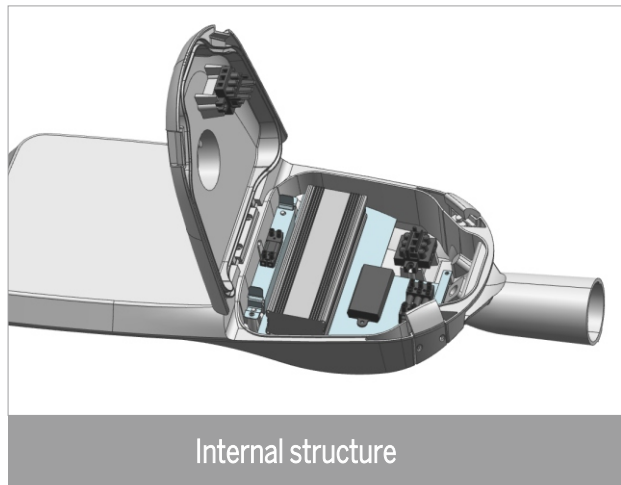
Unique features of Elux LED street light luminaire Mini version



Unique features of Elux LED street light luminaire Small/Medium/Large Version

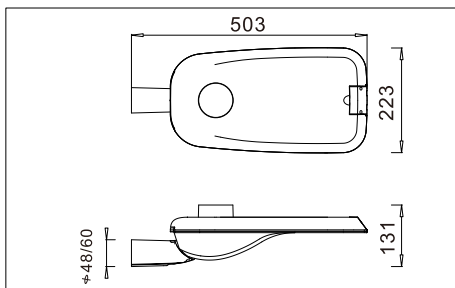
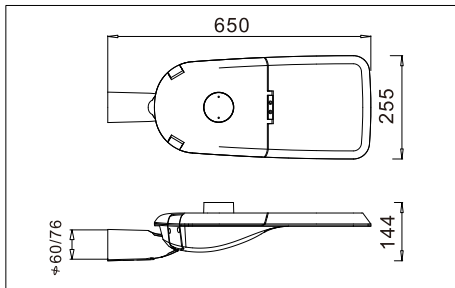
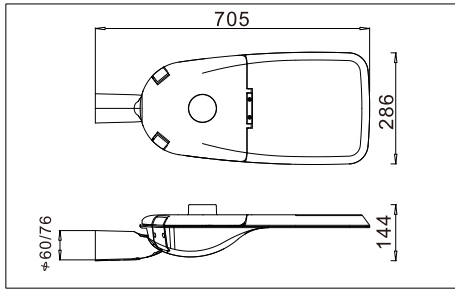
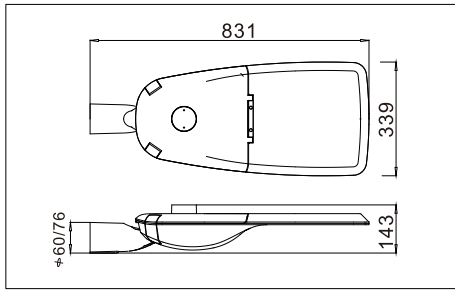


Pictures:

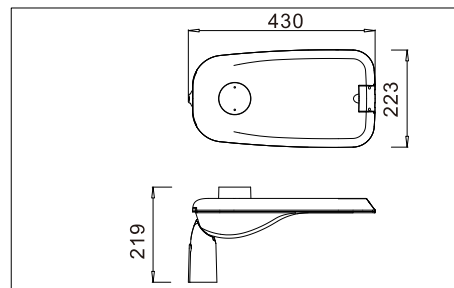
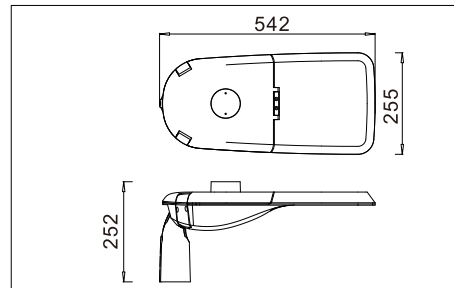
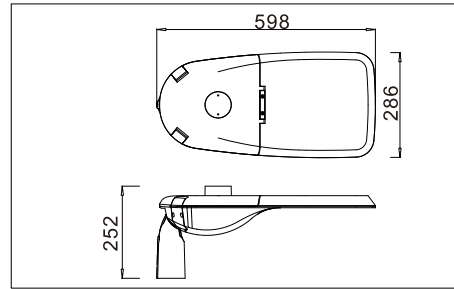
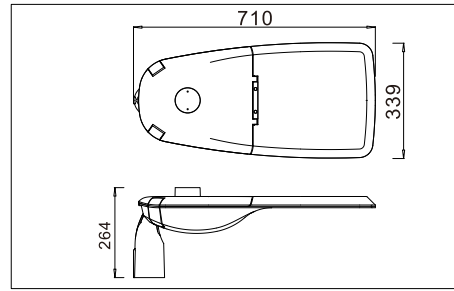


Product size:

Horizontal Installation

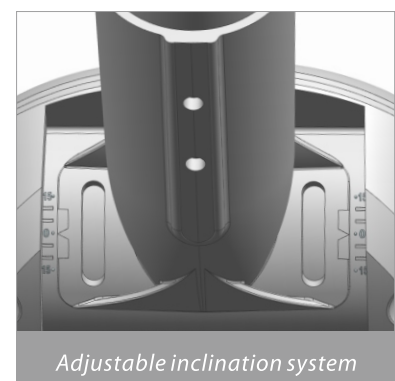
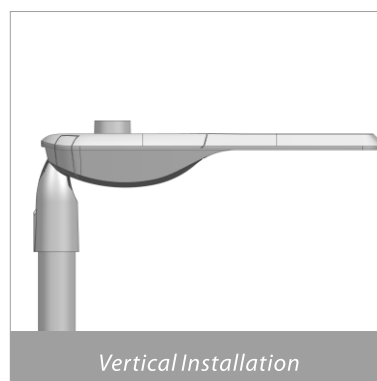
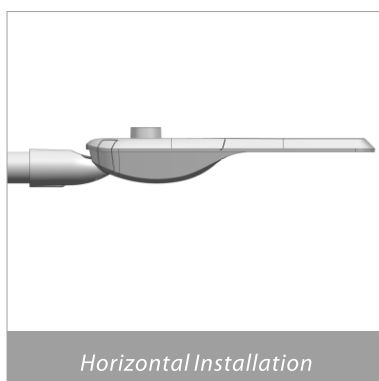


Vertical Installation



Installation:

- The Elux luminaire can either be post-top or side-entry mounted.
- The Elux luminaires are 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.
- Please look at the following information to finish installation.



VIMALUX

A brighter vision