SERLUX

VILLA LED

Urban Light

SERLUX

EL-GLOI

MARRANTY 5 year

CE CB IEC TÜV SÜD LM 80 LM 79

Product Description :

- The Villa LED luminaire is generated from an aesthetic and classical outdoor lanterns.

- The Villa LED luminaire is specially designed for easy installation and combination with the E-light engine system. The E-light engine is a IP68 led module, fully sealed, equipped with Philips or CREE led.
- A standard E-light engine is up to 60W, and the maximum luminous efficiency is up to 130LM/W. The Villa LED luminaire fixture could either hold one-piece E-light engine, or two pieces.

Features :

- Historical shape
- Energy -efficient luminaire
- Variety of mounting options: lumininaire can be combined with different columns, brackets and multiple-arm brackets.

Application :

- Main urban roads and streets
- Side and residential roads and streets
- City centers and historical areas
- Cycle and pedestrian paths
- Parking areas
- Squares, parks and playgrounds

Villa luminaire Specifications :

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EL-GL01

Model	EL-GL01
Light source	E-light engine
Power	15W-120W
Luminaire flux	1850-13000Lm
Luminaire efficacy	110-140lm/W
CCT	4000K (3000K/5000K/5700K upon request)
CRI	> 70 > 80(upon request)
Lifetime	100,000 hours at 25℃ ambient temperature
Operating temperature range	-30 to 45℃
Driver	Meanwell (Inventronics optional) Other brand of driver(upon request)
Electrical	Class I Input voltage: 90-305VAC/50-60Hz,170-305VAC/50-60Hz 10KV/20KV SPD
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: PC or Glass Screws: 304 stainless screws
Color	Grey/ Black/ white
Tightness level	IP65
Impact Resistance	IK08
Standards & Certifications	CE CB IEC LM80 LM79 All measurements tested in TUV sud Laboratory

E-light engine Specifications :

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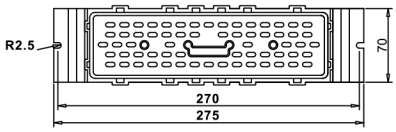
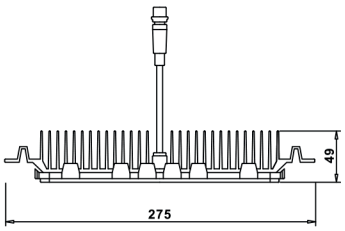




Specification: E-light Engine with Lumileds Luxeon 3030 2D configuration

No of LEDs	3000K/4000K/5000K/5700K	63LEDs 1xE-light Engine	126LEDs 1xE-light Engine
Current: 350mA	Luminous Flux(lm) Power consumption(W)	2600 20	5200 40
Current: 500mA	Luminous Flux(lm) Power consumption(W)	3700 30	7400 60
Current: 700mA	Luminous Flux(lm) Power consumption(W)	4700 40	9400 80
Current: 860mA	Luminous Flux(lm) Power consumption(W)	5700 50	11400 100
Current: 1050mA	Luminous Flux(lm) Power consumption(W)	6500 60	13000 120

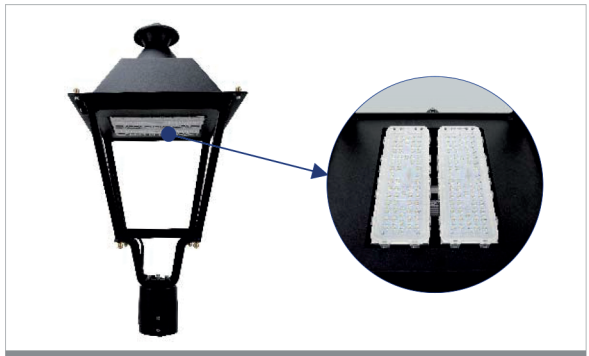
(*) The luminous flux mentioned is the fixture lumen output of the Villa LED luminaire when equipped with E-light engine, the result is based on the Tj@85°C/5700K
(*) For detailed specification of the E-light engine, please contact Everlite sales representative

Specification: E-light Engine with Lumileds Luxeon TX or CREE XP-G2

No of LEDs	3000K/4000K/5000K/5700K	14LEDs 1xE-light Engine	18LEDs 1xE-light Engine	36LEDs 2xE-light Engine
Current: 350mA	Luminous Flux(lm) Power consumption(W)	1850 15	2450 20	4900 40
Current: 500mA	Luminous Flux(lm) Power consumption(W)	2400 20	3450 30	6900 60
Current: 700mA	Luminous Flux(lm) Power consumption(W)	3300 30	4400 40	8800 80
Current: 860mA	Luminous Flux(lm) Power consumption(W)	4100 40	5350 50	10700 100
Current: 1050mA	Luminous Flux(lm) Power consumption(W)		6000 60	12000 120

(*) The luminous flux mentioned is the fixture lumen output of the Villa LED luminaire when equipped with E-light engine, the result is based on the Tj@85°C/5700K

1xE-light Engine



2xE-light Engine

Villa standard configuration with E-light Engine single or twin :

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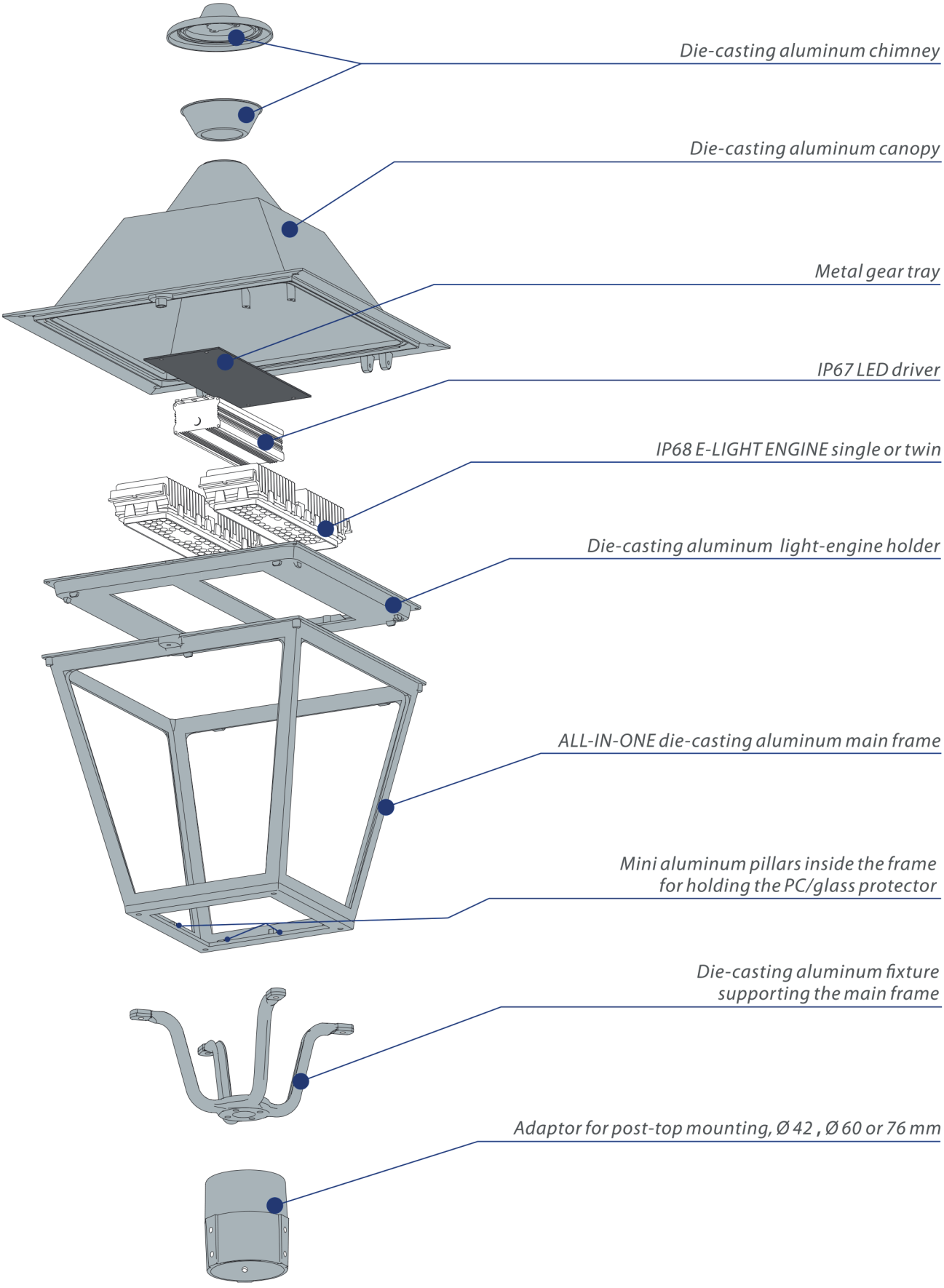

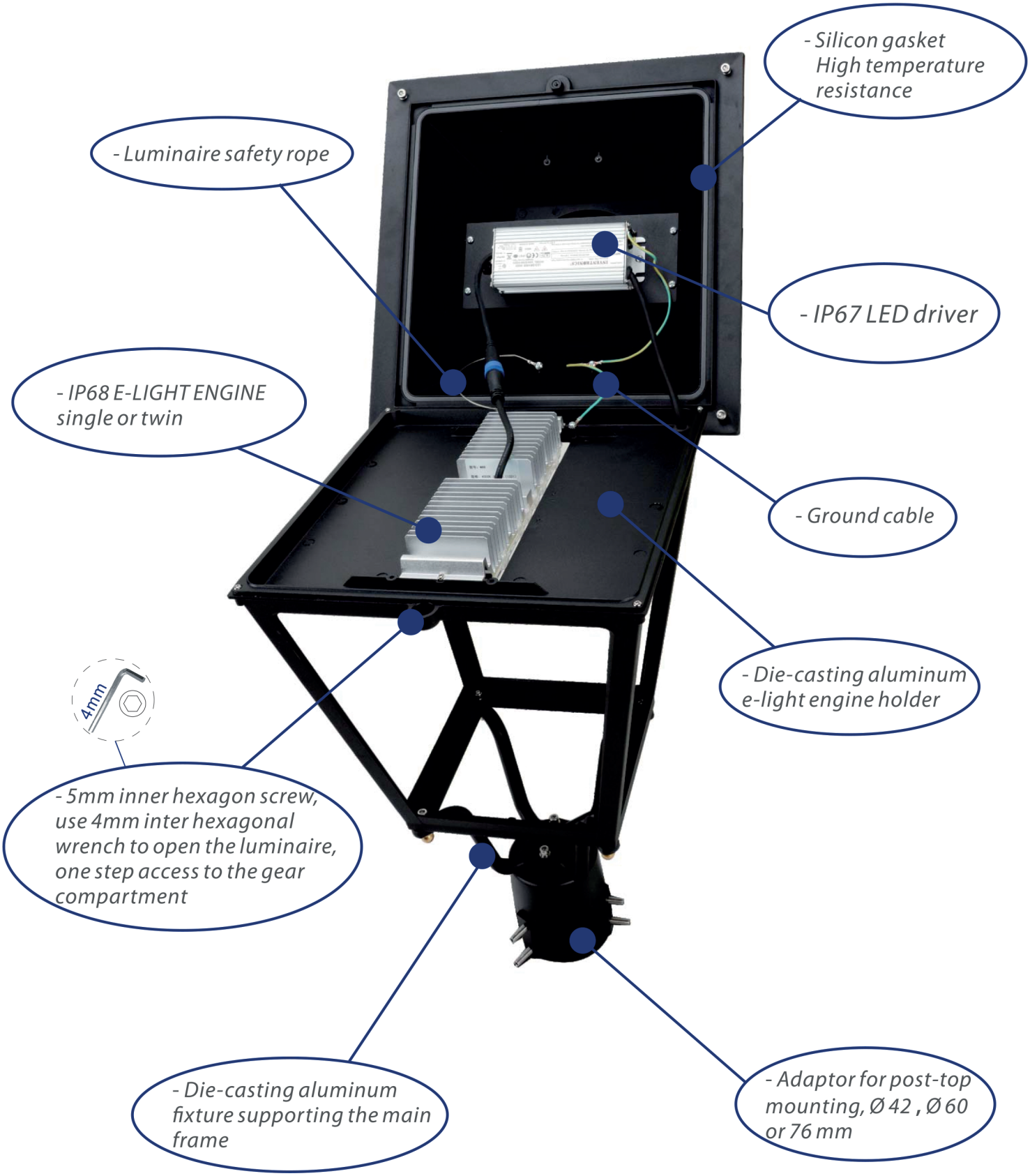
- Silicon gasket
High temperature
resistance
- Luminaire safety rope
- IP67 LED driver
- IP68 E-LIGHT ENGINE
single or twin
- Ground cable
- Die-casting aluminum
e-light engine holder
4mm
- 5mm inner hexagon screw,
use 4mm inter hexagonal
wrench to open the luminaire,
one step access to the gear
compartment
- Die-casting aluminum
fixture supporting the main
frame
- Adaptor for post-top
mounting, Ø 42 , Ø 60
or 76 mm

Villa upgraded version (with drop glass and sealed IP66 optical compartment, power switch disconnector, tool free grar tray

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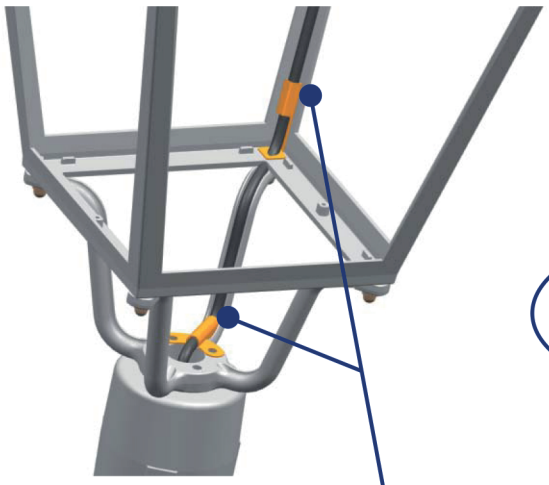
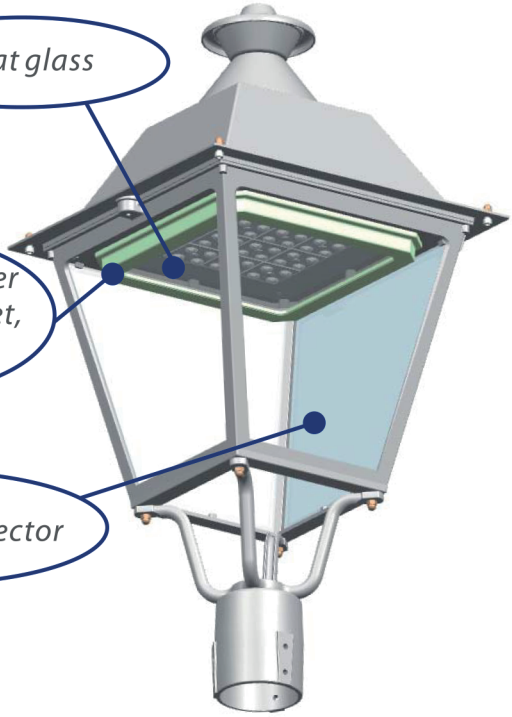
For many reasons, many customers need to use their own LED modules and optic systems, furthermore, the whole Villa fixture should reach IP66 tightness, and the optic compartmer should include a toughened glass with IK08 or IK09 impact resistance level; what else, the fixture should include a power switch disconnector and a tool free gear tray for easy maintenance of the electric components; now with our improved Villa fixture, all the extreme conditions for this heritage luminaire could be satisfied.



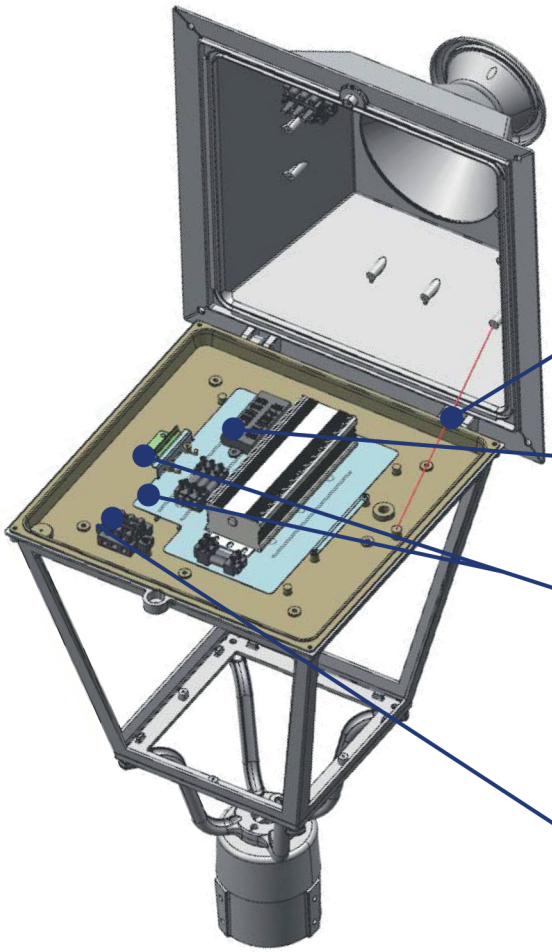
- Cable line press cap



- Flat glass

- Drop glass holder with silicon gasket, fully sealed IP66

- PC/Glass protector



- Luminaire safety rope

- SPD 10KV/20KV

- Tool free gear tray for easy maintenance

- Electrical disconnector, automatically disconnect the power supply when opening the luminaire

Villa upgraded version (with drop glass and sealed IP66 optical compartment, power switch disconnector, tool free grar tray

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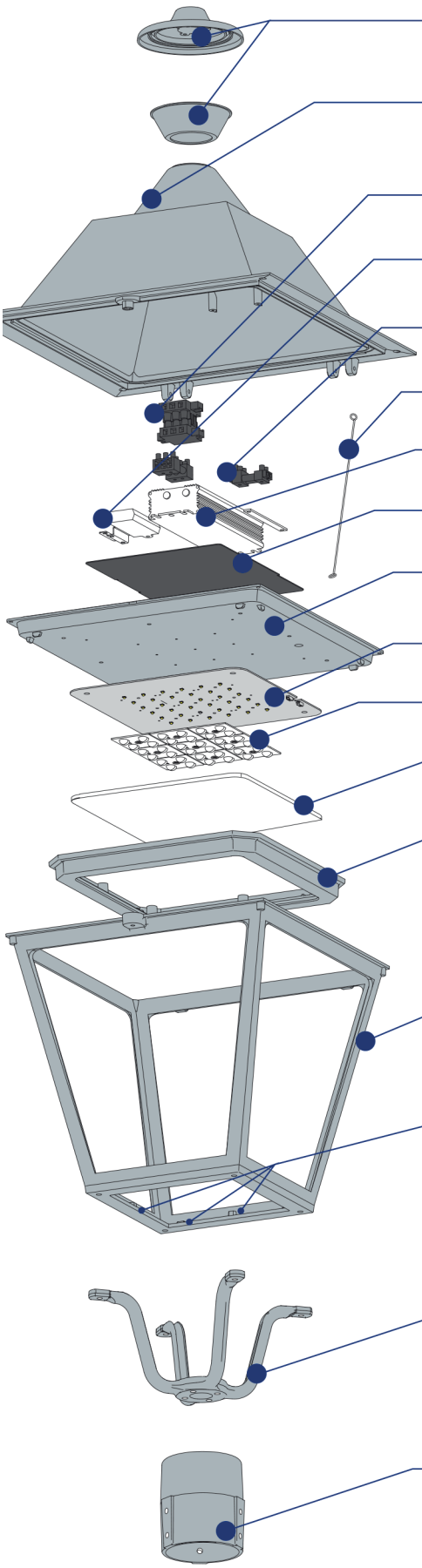

Die-casting aluminum chimney

Die-casting aluminum canopy

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

SPD 10KV/20KV

Plug-and-play terminal

Luminaire safety rope

IP67 LED driver

Metal gear tray

Die-casting aluminum heat sink

LED chipset and PCB

Optic lens Module

Flat glass

Flat glass holder

ALL-IN-ONE die-casting aluminum main frame

Mini aluminum pillar s inside the frame for holding the PC/glass protector

Die-casting aluminum fixture supporting the main frame

Adaptor for post-top mounting, Ø 42 , Ø 60 or 76 mm

Pictures :

EL-GL01

Internal structure diagram

Adaptor for post-top mounting

Chimney

Canopy

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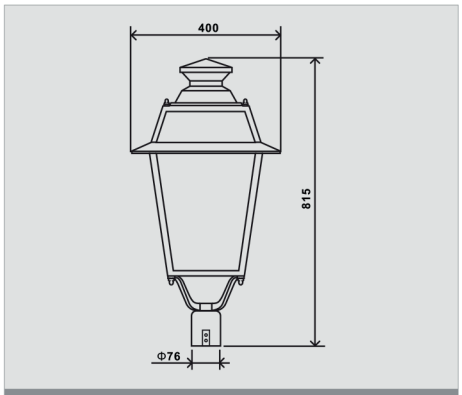
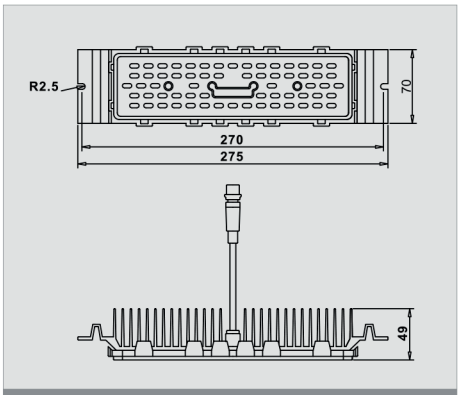
Product Size :

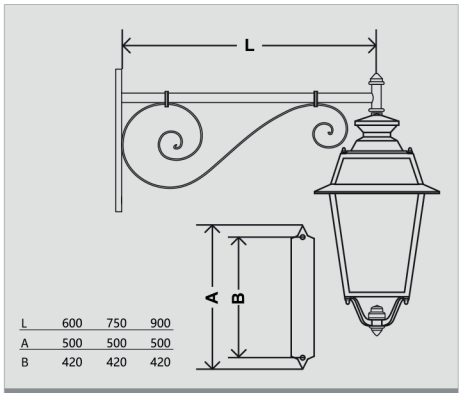
EL-GL01



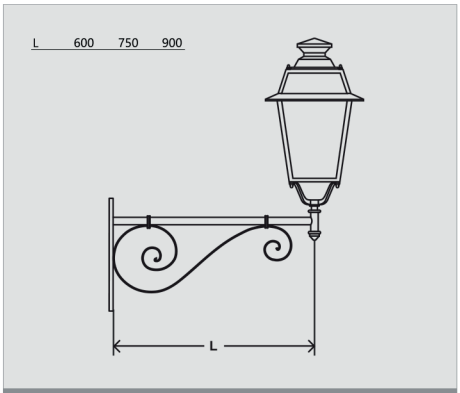
Villa Luminaire



E-light Engine



Wall Bracket(Suspended)



Wall Bracket(Fixed)

- The Villa luminaire can either be post-top or wall bracket suspension and fixed mounted.
- 3 installation pipe diameters are available, 38-42mm, 50-60mm and 60-76mm.

Instalation :

Post-top Installation

Suspension Installation

Wall bracket Installation

Packaging :

Model	Carton Size(mm)	N.W.(Kg)	G.W.(Kg)
GL 01	440x440x650	7.0	8.0

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Warranty :

- 5 years limited warranty is standard on luminaire and components.

Project Cases :

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CARRASCO | CASA CENTRAL
Av. Italia 5672
2600 2028
092 792 893

PUNTA CARRETAS
Francisco Ros 2781
2711 7113
092 868 340

LAGOMAR
Av. Giannattasio KM 21.8
2698 5300
099 306 969

PUNTA DEL ESTE
Av. Italia esq. Patagonia
4249 5328
099 764 876