

V.59







Applications

Roads and highways, parking lots and large areas, roundabouts, pedestrian and bicycle paths, pedestrian crossing.

Fixing

· Post top with flange with 50 mm Ø central hole for fixing the lantern to the support

· Suspended with M52x2 male threaded attachment

Materials

- Die-cast aluminum housing
- Die-cast polycarbonate screen
- Stainless steel fasteners
- Silicone gasket between top and bottom parts

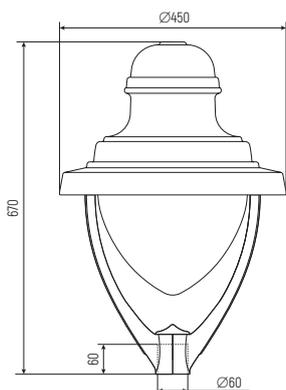
Finishes - powder coating

- Alcea Apex Black
- Alcea Apex Grey
- Could be painted in any chosen color in RAL

Recommended installation height	from 4 to 5,5 m
Size	510x450 mm
IP	65
Supply voltage	220-240V
Electrical insulation	Class I, II
Power factor correction	PFC > cos φ 0.9

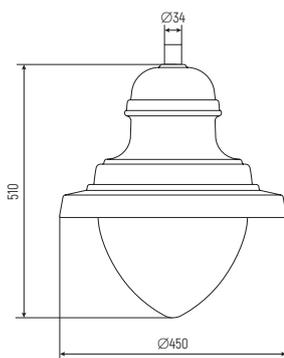
Family V.59

Post top



V.59-02

Suspended



V.59-01

Main LED data



ENCLOSURE PROTECTION Electrical auxiliaries

- Programmable electronic power supply with functions: DALI, 1-10V
- Terminals wires max. section of 2.5 mm²
- Surge protection for differential/common mode up to 10kV

Power supply

- Estimated life (L85 – Ta 25°C): >100,000h

SUPPLY VOLTAGE

220V-240V, 50/60Hz frequency

SURGE PROTECTION

10kV/10kV

POWER SUPPLY

Programmable electronic

POWER FACTOR CORRECTION

PFC > cos φ 0.9

ELECTRICAL INSULATION

Class II

ENCLOSURE PROTECTION

Water and dust IP65

DALI, 1-10V

With the two-way digital DALI protocol lighting levels can be adjusted, consumption and system diagnostics monitored. By the analog signal 1-10V, the illumination levels regulation is enabled. Inside the products on the cabling board, space has been made to accommodate an electronic unit for remote management functionalities.

The optical system is composed of overlapping PMMA lenses with high performance and constant light transmission.

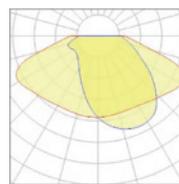
V.59 is equipped with highly efficient latest generation of LED Cree XP-L2 positioned on a ceramic base to provide high thermal conductivity and electrical insulation for a longer service life.

Flux sizes option

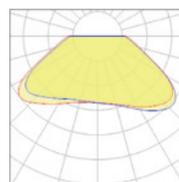
2700K	1740lm	15W	114lm/W
2700K	2997lm	27W	111lm/W
2700K	4752lm	44W	108lm/W
2700K	7018lm	58W	121lm/W
2700K	10148lm	86W	118lm/W
3000K	1860lm	15W	124lm/W
3000K	3267lm	27W	121lm/W
3000K	5192lm	44W	118lm/W
3000K	7018lm	58W	121lm/W
3000K	10148lm	86W	118lm/W
4000K	2010lm	15W	134lm/W
4000K	3537lm	27W	131lm/W
4000K	5632lm	44W	128lm/W
4000K	7598lm	58W	131lm/W
4000K	11008lm	86W	128lm/W

Photometric light distribution

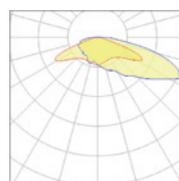
Type 20



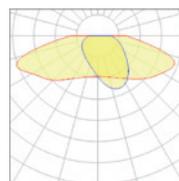
Type 21



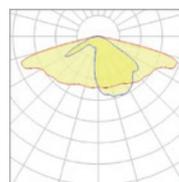
Type 22



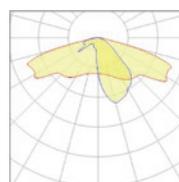
Type 23



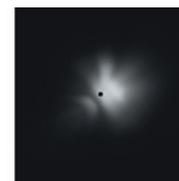
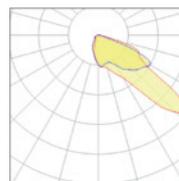
Type 4



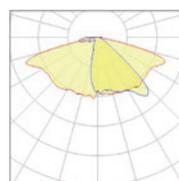
Type 5



Type 7



Type 8



Materials. The posts are made of steel, with cast iron elements. The luminaires are made of steel and die-cast aluminium.

Finishes. The standard colors are Apex Grey and Apex Black that are obtained from a chromatic combination, which has been developed after a long aesthetic research. Power coating for luminaire and liquid for the post.



