

V.15











**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 M5x2 male threaded attachment

· Side mounting with flange with 50 mm Ø central hole for fixing the lantern to the support

**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

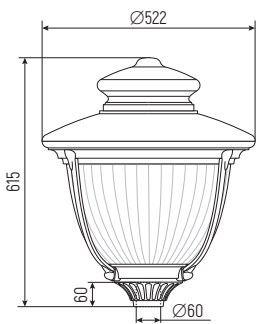
● Alcea Apex Grey

● Could be painted in any chosen color in RAL

Recommended installation height	from 4 to 5 m
Size	522x615 mm
IP	65
Supply voltage	220-240V
Electrical insulation	Class I, II
Power factor correction	PFC > cos φ 0.9

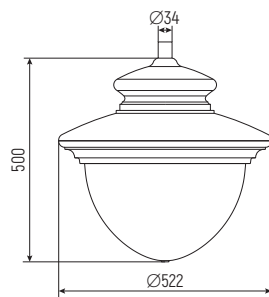
**Family V.15**

**Post Top**

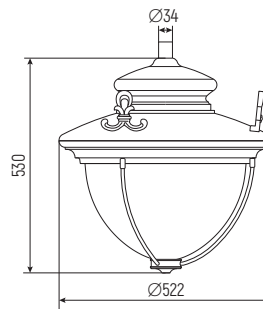


V.15-01

**Suspended**

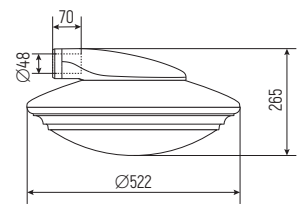


V.15-03

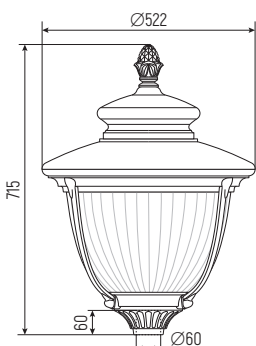


V.15-04

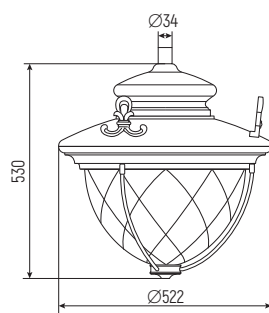
**Side mounting**



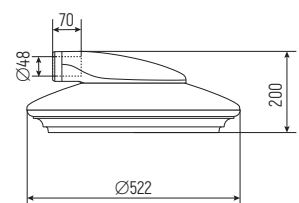
V.15-05



V.15-02



V.15-06



V.15-07

## Main LED data



### ENCLOSURE PROTECTION Electrical auxiliaries

- Programmable electronic power supply with functions: DALI, 1-10V
- Terminals wires max. section of 2.5 mm<sup>2</sup>
- 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.

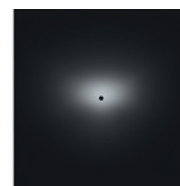
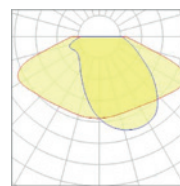
V.15 is equipped with highly efficient latest generation of LED Cree XP-L2 positioned on a ceramic base to provide high thermal conductivity and electrical insulation for a longer service life.

### Flux sizes option

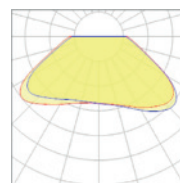
2700K	1740lm	15W	112lm/W
2700K	3051lm	27W	109lm/W
2700K	4840lm	44W	106lm/W
2700K	6902lm	58W	119lm/W
2700K	9976lm	86W	116lm/W
3000K	1830lm	15W	122lm/W
3000K	3213lm	27W	119lm/W
3000K	5104lm	44W	116lm/W
3000K	6902lm	58W	119lm/W
3000K	9976lm	86W	116lm/W
4000K	1980lm	15W	132lm/W
4000K	3483lm	27W	129lm/W
4000K	5544lm	44W	126lm/W
4000K	7482lm	58W	129lm/W
4000K	10836lm	86W	126lm/W

## Photometric light distribution

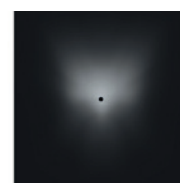
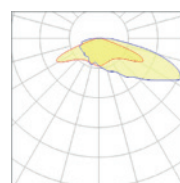
Type 20



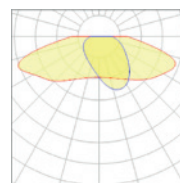
Type 21



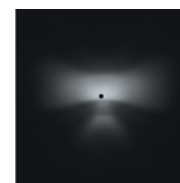
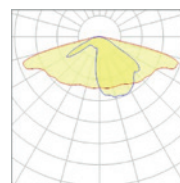
Type 22



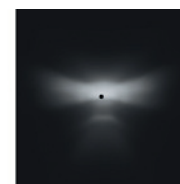
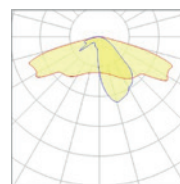
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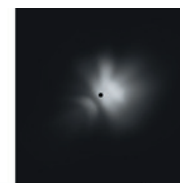
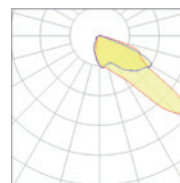
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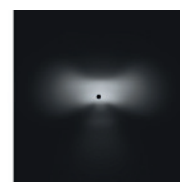
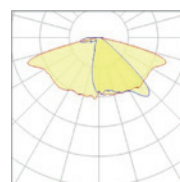
Type 5



Type 7



Type 8



**Materials.** ArchiMet” has launched its own production of seamless steel conical production line by induction heating. Laser-cut door with a special lock. Hot-Galvanized. Pole thickness 5mm. The luminaire is made of 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.



