

Mistral Small



High performance LED post top luminaire for road, pathway and area lighting.



Overview

Introducing Mistral Small, our post-top luminaire developed to meet lighting standards whilst being environmentally conscious. Offering diverse light distributions and colour temperatures of 2700K and 4000K, Mistral ensures optimal illumination and safety in any outdoor space. Designed with sustainability in mind, Mistral reduces energy consumption and minimises light pollution, positively impacting both the environment and community well-being.

Mistral Small can be mounted from the side, on top of a compatible column, or on a wall mounting bracket (supplied separately). Designed for longevity, Mistral features a robust die-cast aluminium housing with 4mm clear tempered glass, a ventilation gland, and a durable polyester powder coat finish. A galvanized adapter is available for order to reduce the column top diameter from 76mm to a 60mm diameter ensuring simple, hassle free installation.

Lighting performance

- Special design, clear, acrylic (PMMA) optic lens
- 4mm thick, clear tempered glass
- Colour temperature options
 - 2700K LED as standard
 - 4000K LED available
- Light distribution
 - Road optics
 - Pathway optics
 - Area optics
- Light output
 - 3000lm-8600lm (18W-73W)
- Efficacy up to 168 LL/CW
- Adjustable tilt between -10° and +10° at 5-degree intervals

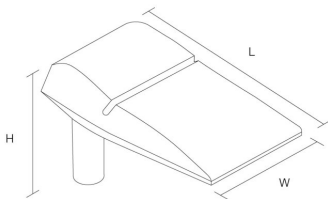
Construction

- Aluminium injection housing
- Electrostatic powder coating, resistant to UV rays.
- IP66
- Impact resistance
 - BODY: IK10
 - GLASS: IK08
- Finished in Jet black RAL9005
- Suitable for ambient temperatures between -40° and +40°
- Fixed output or DALI dimming driver option
- Zhaga Book 18 socket available
- Wide range of lighting columns and accessories available. See 'columns' pages for details
- 76mm to a 60mm diameter luminaire entry adapter available

LED Performance

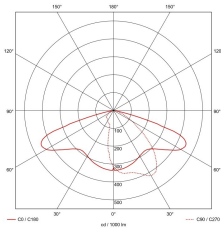
Colour Temp	RA (CRI)	Life expectancy	Colour consistency
2700K	70	100,000 hrs at L90B10	MacAdam 3 SDCM
4000K	70	100,000 hrs at L90B10	MacAdam 3 SDCM

Dimensions

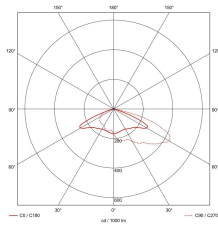


VERSION	L	W	H	KG	Side windage (m2)
All versions	422	288	269	6.3	0.05

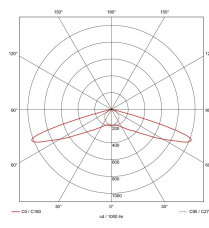
Photometric Performance



Road Optics
LOR = 100%



Area Optics
LOR = 100%



Path Optics
LOR = 100%

To Specify

Post Top luminaire for side or post top mounting on to compatible column or wall mounting bracket (supplied separately). Die cast aluminium housing with 4mm clear tempered glass, ventilation gland and finished in polyester powder coat. – as Whitecroft Lighting MISTRAL SMALL