

Post Top: IP66 Post top road lantern forward throw

Mistral *Road*

MOTIVATION

The Mistral IP66 range of post top road lanterns has been designed to deliver a forward and wide throw and combine the highest technical performance with low cost of ownership through high durability and careful attention to maintenance issues.

APPLICATION

- Approach roads to
 - Hospitals
 - Schools
 - Office developments
- Side roads
- Residential areas
- Car parks

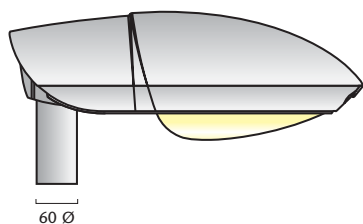
SPECIFICATION

- Available to suit 150, 250 and 400W SON-T or 150W CDM-TT and 250/400W HQI-T lamps
- Seawater resistant die cast lacquered aluminium canopy, frame and spigot, finished silver (RAL 9007)
- Double ingress protection, sealed lamp compartment within IP66 body
- Class 1 protection
- Controlled ventilation of lamp and body compartments
- High purity anodised aluminium multi faceted one piece optic
- Both curved and flat options in toughened glass
- Mounting 60mm post top
- Suitable for mounting heights from 6 - 12m
- Automatic power disconnection during maintenance
- Horizontal and vertical lamp position adjustment
- Hinged canopy for easy maintenance
- Canopy safety catch when open
- Integral thermally protected 230/240V gear on detachable tray
- NEMA socket
- High impact resistance
- Universal Spigot mounting post top and side entry
- Tilt angle. Post top $0^{\circ} + 5^{\circ} + 10^{\circ}$, Side entry $0^{\circ} - 5^{\circ}, -10^{\circ}$.
- Designed for disassembly and component recyclability
- Suitable for an ambient between minus 20°C and $+35^{\circ}\text{C}$

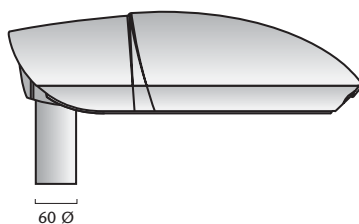
MIR250CG



Minstral Road



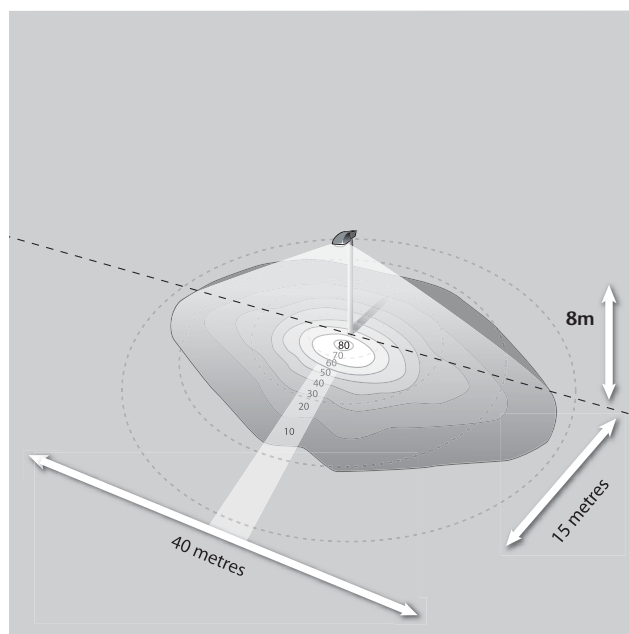
Curved Glass



Flat Glass

Photometric Data

1 x 250W SON-T Lamp



LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	TOTAL CIRCUIT WATT	LUMENS PER CIRCUIT WATT
150W CDM-TT	14000	163	86
150W SON-T	14500	170	85
250W HQI-T	20000	275	73
250W SON-T	27000	275	98
400W HQI-T	34000	420	81
400W SON-T	48000	440	109

WEIGHT AND WINDAGE

VERSION	LENGTH	WIDTH	HEIGHT	WEIGHT	WINDAGE
MIR150FG	775	380	200	11.0Kg	0.07m ²
MIR150CG	775	380	250	11.5Kg	0.07m ²
MIR250FG	775	380	200	12.5Kg	0.07m ²
MIR250CG	775	380	250	13.0Kg	0.07m ²
MIR400FG	775	380	200	13.5Kg	0.07m ²
MIR400CG	775	380	250	14.0Kg	0.07m ²

SCALE FACTORS

LAMP TYPE	SCALE FACTOR
250W SON-T	1.0
250W HQI-T	0.74

Mistral Road

ORDER CODES

IP66 POST TOP LANTERN FOR BUILDING APPROACH ROADS – FORWARD THROW

STANDARD VERSION	LAMP SUPPLIED
MIR150FG	To suit 150W SON-T or CDM-TT, flat glass
MIR150CG	To suit 150W SON-T or CDM-TT, curved glass
MIR250FG	To suit 250W SON-T or HQI-T, flat glass
MIR250CG	To suit 250W SON-T or HQI-T, curved glass
MIR400FG	To suit 400W SON-T or HQI-T, flat glass
MIR400CG	To suit 400W SON-T or HQI-T, curved glass

MOUNTING ACCESSORIES: For mounting accessories please refer to the column and adaptors data sheet.

To specify state:
IP66 road lantern with canopy, frame and spigot in seawater resistant die cast lacquered aluminium, double ingress protection and controlled ventilation of lamp and body compartments. Auto disconnect for safe maintenance and hinged canopy and safety catch and detachable tray with either toughened curved or flat glass as Whitecroft Lighting MISTRAL ROAD.



Lighting for Life

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