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PRODUCT DATA SHEET

Chone Solar

Code : 1018182M

PRODUCT FAMILY

- Outdoor residential luminaire, suitable for upright installation on poles Ø60mm on top (IP54)

MATERIALS CHARACTERISTICS

- Housing and top cover in painted NY/FV30% (Metallic grey RAL 9006)
- Polyester powder coating with a pretreatment (Phosphochromating method) to ensure high protection against weathering
- PC (polycarbonate) diffuser cone, moulded white
- Diffuser in thick transparent PMMA (acrylic), internally prismatic
- Silicone gaskets
- A2 stainless steel screws

COLOUR

- Black
- Metallic grey RAL 9006

LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Immediately ON at 100% of light flux
- n°3 monochromatic LED's
- Led's Star beam 120°
- Round symmetrical light throw
- The computerised electronic circuit board manages the On/Off and the battery charge. 8 hours a day and 365 days a year of continuous functioning is guaranteed, only on condition of direct solar exposure of the fitting for 4 hours a day at least
- The oversized monocrystalline silicon photovoltaic panel (hail resistant Ø25mm at 75Km/h) and the intelligent management of the battery charge, guarantee 4 nights of illumination even in the total absence of solar exposure (assuming that the batteries started with a full charge)
- Fixture conforms with local and international dark sky laws with emission, Rn 2.59%
- Automatic On after 1 minute from sunset, and automatic Off after 8 hours or after 15 mins of exposure to light
- The 15 min Off delay has been set to avoid that the fitting switches off if the surrounding area is illuminated occasionally during the night
- Time required for complete battery charging, assuming batteries are completely flat: 18 hours
- Time required for complete battery discharging, assuming batteries are completely charged: 32 hours

WIRING CHARACTERISTICS

- The computerised electronic circuit board and batteries are mounted on easily accessed gear tray
- Batteries: Ni-Mh 4x3.6V 2.8Ah
- Solar panel - monocrystalline silicon - 4W integrated in top cover

INSTALLATION AND MAINTENANCE CHARACTERISTICS

- Luminaire for direct installation on pole tops or brackets Ø60mm, fixed through one dowel
- No connection to power supply as the luminaire is independent
- The positioning of the luminaire, ie. the quantity and quality of the solar exposure and the ambient temperature, greatly influences whether or not the luminaire respects the above parameters
- N.B. to grant a safe operation of the batteries, the product must be installed within 30 days from purchase date

DIMENSIONS

- Ø246x290mm

OPTIONAL ACCESSORIES TO BE ORDERED SEPARATELY:

- Mistral - COD.1480000N
- Mistral metallic grey RAL 9006 - COD.1480000G

RECOMMENDED POLES TO BE ORDERED SEPARATELY:

- Slick H1000 - COD.1400200N
- Slick H1500 - COD.1400300N
- Slick H2000 - COD.1400400N
- Slick metallic grey RAL 9006 H1000 - COD.1400200G
- Slick metallic grey RAL 9006 H1500 - COD.1400300G
- Slick metallic grey RAL 9006 H2000 - COD.1400400G
- Rigo H1000 - COD.1409200N
- Rigo H1500 - COD.1409300N
- Rigo H2000 - COD.1409400N

TECHNICAL SPECS 4000K

- Led's output: 150lm max @tc25°C
- Luminaire output: 74.71m max @ta25°C
- Led's consumption: 1.5W
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- Type of Led's: Star
- Step MacAdam: 3
- Lifetime Led's: 70Khr
- CRI: >80
- RG: 0
- Insulation Class: III
- Warranty: 2 years
- IK: 04

Rev 02 - 21/11/2019

Details

- Conformity with CEE directives
- Class III
- IP 54



SOLAR 1,5W		
CE		IP54

