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PRODUCT DATA SHEET

Discovery head pole Symmetric optics

Code : 2120582S

PRODUCT FAMILY

- Urban architectural LED with cut-off optics (IP66) for mounting for pole top use

MATERIAL CHARACTERISTICS

- Body made of die-cast aluminium (ADC12)
- Die-cast aluminium pole top
- Special outdoor polyester powder coating to ensure high protection against weathering, guaranteed for 10 years
- Diffuser in flat tempered glass (4mm thick)
- Galvanised steel gear tray
- Silicone gasket
- A2 Stainless steel screws

COLOUR

- Anthracite RAL 7016 textured

WEIGHT

- Light fitting 8,1Kg
- Packaging 9,7Kg (600x650x150mm)

LIGHTING CHARACTERISTICS

- Lamps are in a fixed position
- Round symmetrical LED optics in PMMA with high performances
- Immediately ON at 100% of the light flux (soft start at 0.5 sec)
- Chip Lumileds® Luxeon® 3030 2D
- CUT-OFF light fitting conforming to all regional/local laws against light pollution

WIRING CHARACTERISTICS

- Simplified gear-tray maintenance
- Dimmable driver 0-10V (standard configuration), PWM or virtual midnight
- Driver with over-temperature protection
- Equipped with osmotic valves for leakage of air and humidity. One valve for the watertight optics and another for the wiring compartment

INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

- Fitting for direct installation on Ø76-60mm poles
- Fitting including a H05RN-F 1,5 mt long pre-wired neoprene cable (3x1mm²) Class I
- Fitting including a H05RN-F 1,5 mt long pre-wired neoprene cable (2x1mm²) Class II
- M16x1.5mm cable gland suitable for cable Ø6,5-10mm
- Ordinary maintenance (not necessary)
- Opening of wiring compartment via 2 clips. Fall-prevention blocking system of the top cover
- Cut out system when opening the light fitting through disconnecting switch

MEASUREMENT CHARACTERISTICS

- Round light fitting Ø516mm. Total height including pole top accessory 500mm

GENERAL SPECIFICATIONS

- LED type Philips 3030 2D
- CRI>70
- Step McAdam 3
- Lifetime 31.7W: L70/B50>60Kh - Tc 115°C
- Lifetime 49.7W: L70/B50>60Kh - Tc 115°C
- Lifetime 81.5W: L70/B50>60Kh - Tc 115°C
- RG 1
- Nominal Voltage 220-240V
- Nominal Frequencies 50/60Hz
- Insulation class I o II
- Impact resistance IK08

- Over voltage protection CM10kV, DM6kV

SPECIFICATIONS 3000K - 31.7W

- LED output 5940lm@ta25°C
- LED efficiency 156lm/W
- LED board Consumption 31,7W
- Lumen output 4207lm@ta25°C
- Luminaire efficiency 123lm/W
- Power consumption 34,2W
- Power factor >0,979

SPECIFICATIONS 4000K - 31.7W

- LED output 6059lm@ta25°C
- LED efficiency 169lm/W
- LED board Consumption 31,7W
- Lumen output 4540lm@ta25°C
- Luminaire efficiency 133lm/W
- Power consumption 34,2W
- Power factor >0,979

SPECIFICATIONS 3000K- 49.7W

- LED output 8730lm@ta25°C
- LED efficiency 145lm/W
- LED board Consumption 49,7W
- Lumen output 6133lm@ta25°C
- Luminaire efficiency 114lm/W
- Power consumption 53,8W
- Power Factor >0,975

SPECIFICATIONS 4000K - 49.7W

- LED output 8906lm@ta25°C
- LED efficiency 156lm/W
- LED board Consumption 49,7W
- Lumen output 6595lm@ta25°C
- Luminaire efficiency 123lm/W
- Power consumption 53,8W
- Power Factor >0,975

Details

- Conformity with CEE directives
- IP 66



220-240V 50/60Hz 49,7W	
CE	IP66

