

This document is exclusive MARECO LUCE s.r.l., is strictly prohibited disclosure or reproduction, even partial, as well the use of without written consent of MARECO LUCE s.r.l..The company reserves the right to change models, dimensions and materials at any time without notice.

## PRODUCT DATA SHEET

### Discovery head pole Symmetric optics

**Code : 2120182S**

#### 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 (3x1mm<sup>2</sup>) Class I
- Fitting including a H05RN-F 1,5 mt long pre-wired neoprene cable (2x1mm<sup>2</sup>) 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 31,7W

CE IP66

