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## PRODUCT DATA SHEET

### Discovery span wire street optics Medium

Code : 2121384S

#### PRODUCT FAMILY

- Urban architectural LED with cut-off optics (IP66) for mounting on span-wire system

#### MATERIAL CHARACTERISTICS

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

#### COLOUR

- Anthracite RAL 7016 textured

#### WEIGHT

- Light fitting: 7,6Kg
- Packaging: 8,2Kg (590x650x165mm)

#### LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Monochromatic LED module (72 Led's)
- Street medium LED optics in PMMA (acrylic) with high performances
- Immediately ON at 100% of the light flux (soft start at 0.5 sec)
- Led's Lumileds 3030 2D
- CUT-OFF light fitting conforming to all regional/local laws against light pollution

#### LIGHTING CHARACTERISTICS

- Tool-free simplified maintenance to access the optics
- 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

- Luminaire for direct installation on wire
- Allowed diameters of the suspension cable:  $\varnothing 6 \div \varnothing 12$ mm
- Adjustable inclination with tilt regulation
- Luminaire including a H05RN-F 1,5 mt long pre-wired neoprene cable (3x1mm<sup>2</sup>) Class I
- Luminaire 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  $\varnothing 6,5-10$ mm
- Ordinary maintenance (not necessary)
- Fast tool-free extra maintenance and possibility to replace the optic group and/or the wiring
- 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
- Suitable for installation up to 8mt height max

#### DIMENSIONS

- Round light fitting  $\varnothing 516$ mm. Total height 138mm

#### GENERAL SPECIFICATIONS

- LED's type: Lumileds 3030 2D
- Step MacAdam: 3
- Lifetime 34.2W: L70/B50>60Kh - Tc 115°C
- Lifetime 53.8W: L70/B50>60Kh - Tc 115°C
- Lifetime Driver: 120Kh
- Over voltage protection: CM10kV, DM6kV
- RG: 1
- CRI: >70

- Nominal voltage: 220-240V
- Nominal frequencies: 50/60Hz
- Insulation class: I o II
- Warranty: 5 years
- IK: 08

#### SPECIFICATIONS 3000K - 34.2W

- LED's output: 5940lm@tc25°C
- Luminaire output: 4207lm@ta25°C
- LED's efficiency: 156lm/W
- Luminaire efficiency: 123lm/W
- LED's consumption: 31,7W
- Luminaire consumption: 34,2W
- Power factor: >0,979

#### SPECIFICATIONS 4000K - 34.2W

- LED's output: 6059lm@tc25°C
- Luminaire output: 4540lm@ta25°C
- LED's efficiency: 169lm/W
- Luminaire efficiency: 133lm/W
- LED's consumption: 31,7W
- Luminaire consumption: 34,2W
- Power factor: >0,979

#### SPECIFICATIONS 3000K - 53.8W

- LED's output: 8730lm@tc25°C
- Luminaire output: 6133lm@ta25°C
- LED's efficiency: 145lm/W
- Luminaire efficiency: 114lm/W
- LED's consumption: 49,7W
- Luminaire consumption: 53,8W
- Power Factor: >0,975

#### SPECIFICATIONS 4000K - 53.8W

- LED's output: 8906lm@tc25°C
- Luminaire output: 6595lm@ta25°C
- LED's efficiency: 156lm/W
- Luminaire efficiency: 123lm/W
- LED's consumption: 49,7W
- Luminaire consumption: 53,8W
- Power Factor: >0,975

Rev. 1 - 22/10/19

#### Details

- Conformity with CEE directives
- IP 66



220-240V 50/60Hz 34,2W

CE

IP66

