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PRODUCT DATA SHEET
Discovery head pole street optics Short
Code : 2120682S

PRODUCT FAMILY
- Urban architectural LED with cut-off optics (IP66) for mounting for pole top use Ø60mm or Ø76mm

MATERIAL CHARACTERISTICS
- Body made of die-cast aluminum (ADC12) anodized and painted
- Pole top 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
- Luminaire 8,1Kg
- Packaging 9,7Kg (600x650x150mm)

LIGHTING CHARACTERISTICS
- LED’s lighting source in fixed position
- Monochromatic LED module (72 Led's)
- Street short LED optics in PMMA (acrylic) with high performances
- Non yellowing, transparent PMMA (acrylic) lens
- Immediately ON at 100% of the light flux (soft start at 0,5 sec)
- CUT-OFF light fitting conforming to all regional/local laws against light pollution

WIRING CHARACTERISTICS
- Tool-free simplified maintenance to access the optics
- Built-in dimmable driver 0-10V, PWM or virtual midnight
(DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV
- 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 Ø76-60mm poles
- Luminaire including a H05RN-F 1,5m long pre-wired neoprene cable (3x1mm²) Class I
- Luminaire including a H05RN-F 1,5m long pre-wired neoprene cable (2x1mm²) Class II
- M16x1.5mm cable gland suitable for cable Ø6,5-Ø10mm
- 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 8m height max

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

TECHNICAL SPECS
• Step MacAdam: 3
• Lifetime: L70/B50>60Kh - Tc 115°C
• Lifetime Driver: 120Kh
• Over voltage protection: CM10kV, DM6kV
• Warranty: 5 years

TECHNICAL SPECS 3000K - 35W
• LED’s output: 5940lm@tc25°C
• Luminaire output: 4479lm@ta25°C
• LED's efficiency: 187,5lm/W
• Luminaire efficiency: 130,9lm/W
• LED’s consumption: 31,7W
• Luminaire consumption: 35W
• Power factor: >0,97

TECHNICAL SPECS 4000K - 35W
• LED’s output: 6059lm@tc25°C
• Luminaire output: 4834lm@ta25°C
• LED's efficiency: 191,3lm/W
• Luminaire efficiency: 141,2lm/W
• LED’s consumption: 31,7W
• Luminaire consumption: 35W
• Power factor: >0,97

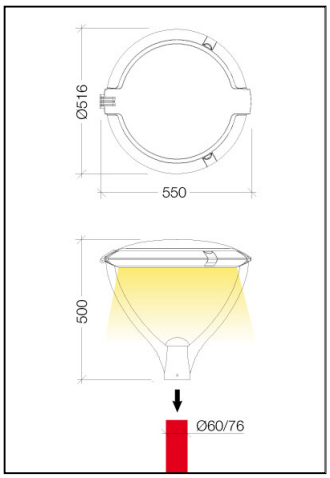
TECHNICAL SPECS 3000K- 55,4W
• LED’s output: 8730lm@tc25°C
• Luminaire output: 6530lm@ta25°C
• LED's efficiency: 175,7lm/W
• Luminaire efficiency: 121,5lm/W
• LED’s consumption: 49.7W
• Luminaire consumption: 55,4W
• Power Factor: >0,93

TECHNICAL SPECS 4000K - 55,4W
• LED’s output: 8906lm@tc25°C
• Luminaire output: 7021lm@ta25°C
• LED's efficiency: 179,3lm/W
• Luminaire efficiency: 130,6lm/W
• LED’s consumption: 49,7W
• Luminaire consumption: 55,4W
• Power Factor: >0,93

Rev. 6 - 30/09/21

Details
• Conforms to all regional/local laws against light pollution
• CLASS I
• Double insulation/class II
• IK08
• RG1
• CRI>70
• Dimmable
• VIRTUAL MIDNIGHT
• IP 66





220-240V 50/60Hz 55,4W

CUT OFF | IK 08 | RG | CRI ≥70 | IP66

