## PRODUCT DATA SHEET

## Discovery head pole street optics Medium

Code : 2124784S

PRODUCT FAMILY

- Urban architectural LED with cut-off optics (IP66) for mounting for pole top use $\varnothing 60 \mathrm{~mm}$ 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 $8,1 \mathrm{Kg}$
- 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 $0,5 \mathrm{sec}$ )
- 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 $\varnothing 76-60 \mathrm{~mm}$ poles
- Luminaire including a H05RN-F $1,5 \mathrm{~m}$ long pre-wired neoprene cable ( $3 \times 1 \mathrm{~mm}^{2}$ ) Class I
- Luminaire including a H05RN-F $1,5 \mathrm{~m}$ long pre-wired neoprene cable ( $2 \times 1 \mathrm{~mm}^{2}$ ) 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 8 m height max


## DIMENSIONS

- Round light fitting $\varnothing 516 \mathrm{~mm}$. Total height including pole top accessory 500 mm

TECHNICAL SPECS

- Step MacAdam: 3
- Lifetime: L70/B50>60Kh - Tc $115^{\circ} \mathrm{C}$
- Lifetime Driver: 120Kh
- Over voltage protection: CM10kV, DM6kV
- Warranty: 5 years
-LED's output: 5940lm@tc25̊ㅡ
- Luminaire output: $4447 \mathrm{Im} @ \mathrm{ta} 25^{\circ} \mathrm{C}$
- LED's efficiency: 187,51m/W
- Luminaire efficiency: $1301 \mathrm{~m} / \mathrm{W}$
- LED's consumption: 31,7W
- Luminaire consumption: 35W
- Power factor: >0,97

TECHNICAL SPECS 4000K - 35W

- LED's output: 60591m@tc25 ${ }^{\circ} \mathrm{C}$
- Luminaire output: 4799Im@ta25º
- LED's efficiency: 191,31m/W
- Luminaire efficiency: 140,3lm/W
- LED's consumption: 31,7W
- Luminaire consumption: 35W
- Power factor: >0,97

TECHNICAL SPECS 3000K-55,4W

- LED's output: $87301 \mathrm{~m} @ \mathrm{tc} 25^{\circ} \mathrm{C}$
- Luminaire output: 64831m@ta25 ${ }^{\circ} \mathrm{C}$
- LED's efficiency: 175,71m/W
- Luminaire efficiency: $120,6 \mathrm{~lm} / \mathrm{W}$
- LED's consumption: 49,7W
- Luminaire consumption: 55,4W
- Power Factor: >0,93

TECHNICAL SPECS 4000K - 55,4W

- LED's output: 8906Im@tc25º
- Luminaire output: 6971Im@ta25º
- LED's efficiency: 179,3Im/W
- Luminaire efficiency: 129,7Im/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


$220-240 \mathrm{~V} 50 / 60 \mathrm{~Hz} 55,4 \mathrm{~W}$

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