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PRODUCT DATA SHEET

Indus Round Symmetric optics

Code : 1893184S

PRODUCT FAMILY

- Urban architectural LED with cut-off optics (IP66) for pole top use on Ø60mm poles

MATERIAL CHARACTERISTICS

- Body made of die-cast aluminum (ADC12) anodized and painted
- Adjustable 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)
- Gear tray in reinforced thermoplastic painted black
- Silicone gasket
- Screws in stainless steel A2

COLOUR

- Anthracite RAL 7016 textured

WEIGHT 35W/53,8W

- Luminaire: 4kg
- Single package: 5kg (610x290x170mm)

WEIGHT 88,9W

- Luminaire: 7kg
- Single package: 8,2kg (750x380x160mm)

LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Monochromatic LED module (72 Led's - 31,7W e 46,8W)
- Monochromatic LED module (144 Led's - 81,5W)
- Round symmetrical 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
- Quick connection between driver and optical unit through polarized connector
- Quick connection between driver and switch through polarized connector
- 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 valve for leakage of air and humidity

INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

- Luminaire for direct installation on Ø60mm poles
- M20x1,5mm cable gland suitable for cable Ø6-Ø12mm
- Ordinary maintenance (not necessary)
- Fast tool-free extra maintenance and possibility to replace the optic group and/or the wiring
- Cut out system when opening the light fitting through disconnecting switch
- Adjustable Pole Top vertical/horizontal position with tilt regulation $\pm 10^\circ$ (with steps of 5°)
- Suitable for installation up to 8m height max (35W)
- Suitable for installation up to 15m height max (53,8W e 88,9W)

DIMENSIONS 35W/53,8W

- 465x245x200mm (Pole top)
- 572x245x100mm (Bracket)

DIMENSIONS 88,9W

- 635x320x210mm (Pole top)
- 717x320x130mm (Bracket)

TECHNICAL SPECS

- Step MacAdam: 3
- Lifetime: L70/B50>60K h - Tc 115°C
- Lifetime Driver: 120K h
- Over voltage protection: CM10KV, DM6KV
- Warranty: 5 years

TECHNICAL SPECS 3000K - 35W

- LED's output: 5940lm@tc25°C
- Luminaire output: 4127lm@ta25°C
- LED's efficiency: 187,5lm/W
- Luminaire efficiency: 120,6lm/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: 4453lm@ta25°C
- LED's efficiency: 191,3lm/W
- Luminaire efficiency: 130,1lm/W
- LED's consumption: 31,7W
- Luminaire consumption: 35W
- Power factor: >0,97

TECHNICAL SPECS 3000K - 53,8W

- LED's output: 8730lm@tc25°C
- Luminaire output: 6016lm@ta25°C
- LED's efficiency: 175,7lm/W
- Luminaire efficiency: 111,9lm/W
- LED's consumption: 46,8W
- Luminaire consumption: 53,8W
- Power Factor: >0,97

TECHNICAL SPECS 4000K - 53,8W

- LED's output: 8906lm@tc25°C
- Luminaire output: 6468lm@ta25°C
- LED's efficiency: 179,3lm/W
- Luminaire efficiency: 120,3lm/W
- LED's consumption: 46,8W
- Luminaire consumption: 53,8W
- Power Factor: >0,97

TECHNICAL SPECS 3000K - 88,9W

- LED's output: 14760lm@tc25°C
- Luminaire output: 11024lm@ta25°C
- LED's efficiency: 181lm/W
- Luminaire efficiency: 123,5lm/W
- LED's consumption: 81,5W
- Luminaire consumption: 88,9W
- Power Factor: >0,95

TECHNICAL SPECS 4000K - 88,9W

- LED's output: 15055lm@tc25°C
- Luminaire output: 11810lm@ta25°C
- LED's efficiency: 184,6lm/W
- Luminaire efficiency: 132,4lm/W
- LED's consumption: 81,5W
- Luminaire consumption: 88,9W

- Power Factor: >0,95

Rev. 5 - 03/03/2022

Details

- Conformity with EU Directives
- Conforms to all regional/local laws against light pollution
- CLASS I
- Double insulation/class II
- IK08
- RG1
- CRI>70
- Dimmable
- VIRTUAL MIDNIGHT
- ENEC05
- IP 66

