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## PRODUCT DATA SHEET

### Indus street optics Short

**Code : 1894584S**

#### 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)

Die Cast Aluminum adjustable Pole Top

Special outdoor polyester powder coating to ensure high protection against weathering, guaranteed for 10 years.

Diffuser in flat tempered glass (4mm thick).

Gear Tray in reinforced thermoplastic painted black

Silicone gasket

Screws in stainless steel A2

#### Colour

Anthracite

#### Weight 31.7W/49.7W

- luminaire: 4 kg

- single package: 5 kg (610x290xh 170mm)

#### WEIGHT 81.5W

- luminaire: 7 kg

- single package: 8,2 kg (750x380xh 160 mm)

#### 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

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

Dimmable driver 0-10 V (standard configuration), PWM or virtual midnight

Driver with over-temperature protection

Equipped with osmotic valve for leakage of air and humidity

#### INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

Fitting for direct installation on Ø60 mm poles

M20 cable gland suitable for cable Ø 6-12 mm

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  $5^\circ$ )

#### MEASUREMENT CHARACTERISTICS 31.7W/49.7W

465x245x200 mm (Pole Top)

572x245x100 mm (Bracket)

#### MEASUREMENT CHARACTERISTICS 81.5W

635x320x210 mm (Pole Top)

717x320x130 mm (Bracket)

#### 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 220-240 V
- Nominal Frequencies 50/60 Hz
- Insulation class I or II
- Impact resistance IK08
- Over voltage protection CM10kV, DM6kV



220-240V 50/60Hz 49,7W

CE

IP66

#### Specifications 3000K - 31.7W

- LED output 5940 lm@ta25°C
- LED efficiency 156 lm/W
- LED board Consumption 31,7W
- Lumen output 4207 lm@ta25°C
- Luminaire efficiency 123 lm/W
- Power consumption 34,2W
- Power Factor >0,979

#### Specifications 4000K - 31.7W

- LED output 6059 lm@ta25°C
- LED efficiency 169 lm/W
- LED board Consumption 31,7W
- Lumen output 4540 lm@ta25°C
- Luminaire efficiency 133 lm/W
- Power consumption 34,2W
- Power Factor >0,979

#### Specifications 3000K - 49.7W

- LED output 8730 lm@ta25°C
- LED efficiency 145 lm/W
- LED board Consumption 49,7W
- Lumen output 6133 lm@ta25°C
- Luminaire efficiency 114 lm/W
- Power consumption 53.8W
- Power Factor >0,975

#### Specifications 4000K - 49.7W

- LED output 8906 lm@ta25°C
- LED efficiency 156 lm/W
- LED board consumption 49,7W
- Lumen output 6595 lm@ta25°C
- Luminaire efficiency 123 lm/W
- Power consumption 53.8W
- Power Factor >0,975

#### Specifications 3000K - 81.5W

- LED output 14760 lm@ta25°C
- LED efficiency 162 lm/W
- LED board consumption 81,5W
- Lumen output 11239 lm@ta25C
- Luminaire efficiency 126 lm/W
- Power consumption 89,2W
- Power Factor >0,984

#### Specifications 4000K - 81.5W

- LED output 15055 lm@ta25°C
- LED efficiency 174 lm/W
- LED board consumption 81,5W
- Lumen output 12042 lm@ta25C
- Luminaire efficiency 135 lm/W
- Power consumption 89,2W
- Power Factor >0,984

#### Details

- Conformity with CEE directives
- IP 66