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## PRODUCT DATA SHEET

### Indus Pedestrian optics

**Code : 1892682S**

#### 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 34.2W/53.8W

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

#### WEIGHT 89.2W

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

#### LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Monochromatic LED module (72 Led's - 34.2W e 53.8W)
- Monochromatic LED module (144 Led's - 89.2W)
- Pedestrian 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)
- Led's Lumileds 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 trough polarized connector
- Quick connection between driver and switch trough 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  $5^\circ$ )
- Suitable for installation up to 8mt height max (34.2W e 53.8W)
- Suitable for installation up to 15mt height max (89.2W)

#### DIMENSIONS 34.2W/53.8W

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

#### DIMENSIONS 89.2W

- 635x320x210mm (Pole top)

- 717x320x130mm (Bracket)

#### TECHNICAL SPECS

- 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 89.2W: L70/B50>60Kh - Tc 115°C
- Lifetime Driver: 120KH
- Over voltage protection: CM10KV, DM6KV
- Warranty: 5 years

#### TECHNICAL SPECS 3000K - 34.2W

- LED's output: 5940lm@tc25°C
- Luminaire output: 4493lm@ta25°C
- LED's efficiency: 187.5lm/W
- Luminaire efficiency: 131.3lm/W
- LED's consumption: 31.7W
- Luminaire consumption: 34.2W
- Power factor: >0,979

#### TECHNICAL SPECS 4000K - 34.2W

- LED's output: 6059lm@tc25°C
- Luminaire output: 4849lm@ta25°C
- LED's efficiency: 191.3lm/W
- Luminaire efficiency: 141.7lm/W
- LED's consumption: 31.7W
- Luminaire consumption: 34.2W
- Power factor: >0,979

#### TECHNICAL SPECS 3000K - 53.8W

- LED's output: 8730lm@tc25°C
- Luminaire output: 6550lm@ta25°C
- LED's efficiency: 175.7lm/W
- Luminaire efficiency: 121.8lm/W
- LED's consumption: 49,7W
- Luminaire consumption: 53.8W
- Power Factor: >0,975

#### TECHNICAL SPECS 4000K - 53.8W

- LED's output: 8906lm@tc25°C
- Luminaire output: 7042lm@ta25°C
- LED's efficiency: 179.3lm/W
- Luminaire efficiency: 131lm/W
- LED's consumption: 49.7W
- Luminaire consumption: 53.8W
- Power Factor: >0,975

#### TECHNICAL SPECS 3000K - 89.2W

- LED's output: 14760lm@tc25°C
- Luminaire output: 12003lm@ta25°C
- LED's efficiency: 181lm/W
- Luminaire efficiency: 134.5lm/W
- LED's consumption: 81.5W
- Luminaire consumption: 89.2W
- Power Factor: >0,984

#### TECHNICAL SPECS 4000K - 89.2W

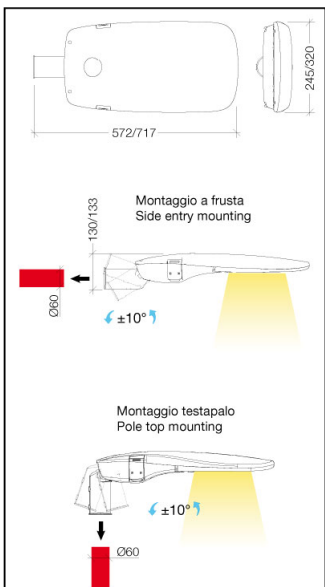
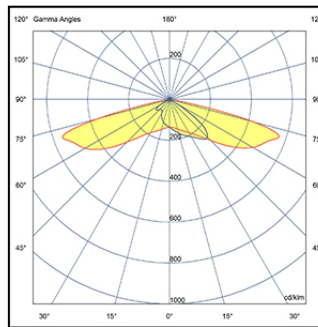
- LED's output: 15055lm@tc25°C
- Luminaire output: 12859lm@ta25°C

- LED's efficiency: 184.6lm/W
- Luminaire efficiency: 144.1lm/W
- LED's consumption: 81.5W
- Luminaire consumption: 89.2W
- Power Factor: >0,984

Rev. 3 - 22/07/20

Details

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



European Norms Electrical Certification  
 Marchio di qualità volontario  
 05 DEKRA organismo di certificazione

220-240V 50/60Hz 89,2W  
 CE CUT OFF IK08 RG1 CRI>70 A++ A+ ENEC05 IP66