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## PRODUCT DATA SHEET

### Skill Pedestrian optics

**Code : 1830482M**

#### 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
- Diffuser in flat, transparent tempered glass (4mm thick)
- Gear tray in reinforced thermoplastic painted black
- Silicone gasket
- Screws in stainless steel A2

#### COLOUR

- Metallic grey RAL 9006

#### WEIGHT

- Luminaire: 4,9kg
- Single package: 5,8kg (610x255x140mm)

#### LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Monochromatic LED module (1x12 Led's - 31,7W)
- Monochromatic LED module (2x12 Led's - 49,8W e 73,6W)
- 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)
- 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
- Built-in ON-OFF driver (0-10V, virtual midnight or DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV
- Equipped with cable gland with osmotic valve for leakage of air and humidity
- Luminaire including a H07RN-F 100cm long pre-wired neoprene cable (3x1,5mm²) Class I
- Luminaire including a H07RN-F 100cm long pre-wired neoprene cable (2x1,5mm²) Class II

#### 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)
- Adjustable Pole Top vertical/horizontal position with tilt regulation +10°/-5° (with steps of 5°)
- Suitable for installation up to 15m height max

#### DIMENSIONS

- 445x245x75mm (Pole top)
- 560x245x75mm (Bracket)

#### TECHNICAL SPECS

- Step MacAdam: 3
- Lifetime: L90/B10>100Kh - Tc 65°C
- Lifetime Driver: 100Kh
- Over voltage protection: CM10KV, DM6KV
- Warranty: 5 years

#### TECHNICAL SPECS 3000K - 36W

- LED's output: 5020lm@tc25°C
- Luminaire output: 3585lm@ta25°C
- LED's efficiency: 158,4lm/W

- Luminaire efficiency: 99,5lm/W
- LED's consumption: 31,7W
- Luminaire consumption: 36W
- Power factor: >0,96

#### TECHNICAL SPECS 4000K - 36W

- LED's output: 5330lm@tc25°C
- Luminaire output: 3806lm@ta25°C
- LED's efficiency: 168,1lm/W
- Luminaire efficiency: 105,6lm/W
- LED's consumption: 31,7W
- Luminaire consumption: 36W
- Power factor: >0,96

#### TECHNICAL SPECS 3000K - 56,6W

- LED's output: 8062lm@tc25°C
- Luminaire output: 5750lm@ta25°C
- LED's efficiency: 161,9lm/W
- Luminaire efficiency: 101,6lm/W
- LED's consumption: 49,8W
- Luminaire consumption: 56,6W
- Power Factor: >0,96

#### TECHNICAL SPECS 4000K - 56,6W

- LED's output: 8690lm@tc25°C
- Luminaire output: 6197lm@ta25°C
- LED's efficiency: 174,5lm/W
- Luminaire efficiency: 109,5lm/W
- LED's consumption: 49,8W
- Luminaire consumption: 56,6W
- Power Factor: >0,96

#### TECHNICAL SPECS 3000K - 82,7W

- LED's output: 11200lm@tc25°C
- Luminaire output: 8006lm@ta25°C
- LED's efficiency: 152,2lm/W
- Luminaire efficiency: 96,8lm/W
- LED's consumption: 73,6W
- Luminaire consumption: 82,7W
- Power Factor: >0,96

#### TECHNICAL SPECS 4000K - 82,7W

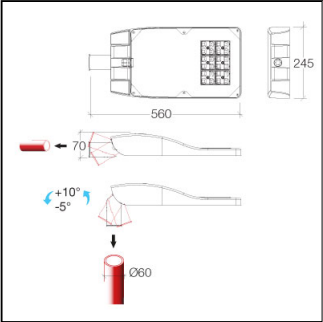
- LED's output: 11900lm@tc25°C
- Luminaire output: 8492lm@ta25°C
- LED's efficiency: 161,7lm/W
- Luminaire efficiency: 102,7lm/W
- LED's consumption: 73,6W
- Luminaire consumption: 82,7W
- Power Factor: >0,96

Rev. 2-05/04/22

#### Details

- Conformity with EU Directives
- Conforms to all regional/local laws against light pollution
- CLASS I
- Double insulation/class II
- IK08
- RG0
- CRI>70

- Dimmable
- VIRTUAL MIDNIGHT
- IP 66



220-240V 50/60Hz 36W

|    |         |   |       |    |          |   |      |
|----|---------|---|-------|----|----------|---|------|
| CE | CUT OFF | ⊕ | IK 08 | RG | CRI ≥ 70 | ⚡ | IP66 |
|----|---------|---|-------|----|----------|---|------|

