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PRODUCT DATA SHEET

Stud Led

Code : 1876284M

PRODUCT FAMILY

- Urban architectural LED luminaire, suitable for upright installation on poles Ø60mm on top (IP65)

MATERIAL CHARACTERISTICS

- Body made of die-cast aluminum (ADC12) anodized and painted
- Access door/gear tray and top cover made from thermosetting resin (BMC), painting process
- Heat sink frame for in solid, anodised aluminium
- Gear tray in stainless steel AISI 304L
- Diffuser in thick (4mm) transparent PMMA (acrylic)
- Polyester powder coating with a pretreatment (Phosphochromating method) to ensure high protection against weathering
- Silicone gaskets
- A2 stainless steel screws

COLOUR

- Anthracite RAL 7016 textured

LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Immediately ON at 100% of the light flux
- Monochromatic LED module (24 Led's)
- Round symmetrical light throw
- Lenses in highly transmittant PMMA (93% efficiency) with unilateral opening of light beam allowing for good spacing between luminaire
- One lens for each group of 3 LED's is fitted with a more diffused lens to guarantee uniformity of the light flux, especially directly below the luminaire
- LED's covers arranged in a ring formation, made from NY/FV30% matte white colour, snaps into place without screws LED optics for a round symmetrical, predominantly frontal light throw, guaranteeing a good level of performance at elevated distances
- Luminaire conforms with local and international dark sky laws with emission 0.49cd/Klm for angles 90°, Rn 0.04% - 67.09%

WIRING CHARACTERISTICS

- n°8 monochromatic LED's module with n°3 Led's SeoulZ5M2
- Built-in driver (700mA driver output)
- The modules are connected in parallel via a quick release connector, fixed to the thick circular anodised aluminium heat sink through n.2 screws
- Heat sink frame for LED's in thick anodised aluminium connected to cover with thermo-conducting silicone grease
- Heat sink frame/LED's modules are easily replaced because of polarised connector

INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

- Luminaire for Ø60mm pole top installation, fixed with n.2 dowels (supplied)
- Cable clamp on cut-out switch, Ø15mm max
- Cut-out safety switch removing all electrical current to fitting when opening access door
- Ordinary maintenance through access door to driver support plate, removable by sliding the support plate through the housing of the luminaire
- In the case of malfunction, one LED module malfunctions, however the other modules remains functional keeping the light fitting o

DIMENSIONS

- Ø735x800mm

TECHNICAL SPECS

- Step MacAdam: 3
- Lifetime Led's: L80/B50>100Kh Tc 85°C

- Lifetime driver: 50Kh
- Power factor: 0,97
- Warranty: 2 years

TECHNICAL SPECS 4000K

- LED's output: 6505lm@tc25°C
- Luminaire output: 5549lm@ta25°C
- LED's efficiency: 123lm/W
- Luminaire efficiency: 94lm/W
- LED's consumption: 52,8W
- Luminaire consumption: 59,2W
- RG: 2 <60cm

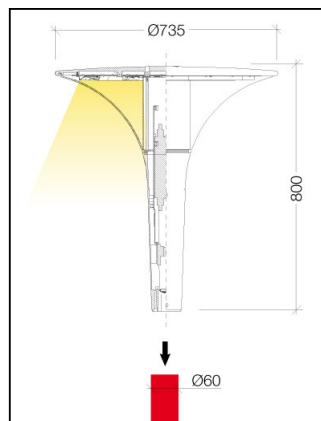
TECHNICAL SPECS 3000K

- LED's output: 6384lm@tc25°C
- Luminaire output: 5239lm@ta25°C
- LED's efficiency: 121lm/W
- Luminaire efficiency: 88lm/W
- LED's consumption: 52,8W
- Luminaire consumption: 59,2W
- RG: 2 <45cm

Rev 05-01/03/2022

Details

- Conformity with EU Directives
- CLASS I
- IK08
- RG2
- CRI>80
- IP 65



220-240V 50/60Hz 56,5W



IK
08



CRI
≥80

IP65

