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PRODUCT DATA SHEET
Challenge basic wall fixing
Code : 1575284N

PRODUCT FAMILY
- Urban architectural LED (IP65) complete with wall mounting bracket

MATERIAL CHARACTERISTICS
- Extruded aluminium housing EN AW 6026, manufactured with numerical control machines and then anodized
- Black moulded in NY-FV30% covering carter/housing
- 2mm thick hot-dip galvanized steel brackets 75µm UNI EN 1461
- Polyester powder coating with a pretreatment (Phosphochromating method) to ensure high protection against weathering
- Silicone transparent optics
- Silicone gaskets
- A2 stainless steel screws

COLOUR
- Black textured

LIGHTING CHARACTERISTICS
- The light source can be tilted ±30°
- CUT-OFF luminaire conforming to all regional/local laws against light pollution
- Asymmetric optics: light flux projected with a "bat-wing" distribution, with opening of the light beam. Suitable for correct lighting of main and secondary roads
- Immediately ON at 100% of the light flux
- Luminaire conforms with local and international dark sky laws with emission 0.49cd/Klm for angles 90°, Rn 0.04% - 67.09%
- Visual LEDIL lenses in transparent optical grade silicon with precise light control and high efficiency

WIRING CHARACTERISTICS
- Driver included
- Equipped with osmotic valve for leakage of air and humidity

INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS
- Luminaire for wall-mounting installation
- Pre-wired with H07RN-F 2x1.5mmq cable (100cm) for the connection to the mains
- M20x1.5mm cable gland
- Ordinary maintenance (not necessary)
- Extraordinary maintenance by untightening 4 screws to access the wiring compartment in the reinforced thermoplastic carter

DIMENSIONS
- 311x128x63mm

TECHNICAL SPECS
• Step MacAdam: 3
• Lifetime Led's: L80/B10 - 50Kh Tc 65°C
• Lifetime driver: 50Kh
• Power factor: 0.96
• Warranty: 3 years

TECHNICAL SPECS 4000K - 26W
• LED's output: 4465lm@tc25°C
• Luminaire output: 3694lm@ta25°C
• LED's efficiency: 192lm/W
• Luminaire efficiency: 141lm/W
• LED's consumption: 23.2W
• Luminaire consumption: 26W

TECHNICAL SPECS 3000K - 26W

TECHNICAL SPECS 3000K - 26W
• LED's output: 4229lm@tc25°C
• Luminaire output: 3500lm@ta25°C
• LED's efficiency: 183lm/W
• Luminaire efficiency: 133lm/W
• LED's consumption: 23.2W
• Luminaire consumption: 26W

TECHNICAL SPECS 4000K - 40W
• LED's output: 6485lm@tc25°C
• Luminaire output: 5303lm@ta25°C
• LED's efficiency: 181lm/W
• Luminaire efficiency: 135lm/W
• LED's consumption: 35.9W
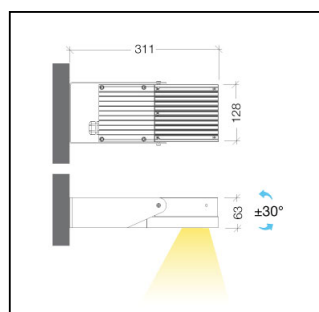• Luminaire consumption: 40W

TECHNICAL SPECS 3000K - 40W
• LED's output: 6145lm@tc25°C
• Luminaire output: 5024lm@ta25°C
• LED's efficiency: 171lm/W
• Luminaire efficiency: 128lm/W
• LED's consumption: 35.9W
• Luminaire consumption: 40W

Rev 04-01/10/2021

Details
• Conformity with EU Directives
• Conforms to all regional/local laws against light pollution
• Double insulation/class II
• IK08
• RG1
• CRI>80
• IP 65

220-240V 50/60Hz 40W

CE | CUT OFF | □ | IK 08 | RG1 | CRI ≥80 | IP65