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## PRODUCT DATA SHEET

### Barcelona Led Basic

**Code : 1604084N**

#### PRODUCT FAMILY

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

#### MATERIAL CHARACTERISTICS

- Hexagonally shaped base made of die-cast aluminium (ADC12) anodized and painted
- Diffuser in thick (3.5mm) transparent PMMA (acrylic), hexagonally shaped at base (connection to aluminium base) and circular at the top (connection to cover)
- Circular shaped top cover in NY-FV30% moulded with "micro-shot blasted" finish
- Cone covering gear tray in black, NY-FV30%
- Heat sink frame for in solid, black anodised aluminium
- Polyester powder coating with a pretreatment (Phosphochromating method) to ensure high protection against weathering
- Silicone gaskets
- A2 stainless steel screws

#### COLOUR

- Black textured

#### LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Immediately ON at 100% of the light flux
- Monochromatic LED module (50 Led's)
- Led's Samsung LM561B
- Round symmetrical light throw

#### WIRING CHARACTERISTICS

- LED's module 21.7W
- n°50 Led's Samsung LM561B
- Built-in driver (700mA driver output)
- Wiring includes a round covering cone for driver recovery made of highly resistant PC (polycarbonate)
- Easily extractable gear tray made from NY-FV30% connected to terminal with automatic connection

#### INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

- Luminaire for direct installation on pole tops Ø60mm
- Pre-wired with H05RN-F 2x1.5mmq cable (50cm) for the connection to the mains
- Fixing to pole using n.3 screws, n.1 of which is a through bolt (safety)
- Ordinary maintenance by loosening n.1 screw placed at the top of the cover in order to access the optical compartment

#### DIMENSIONS

- Conically shaped fixture with hexagonal-circular sections
- Ø515x505mm

#### OPTIONAL ACCESSORY (TO BE ORDERED SEPARATELY):

- Cod. CS160035 Surge protection kit
- When purchased the protection kit will be installed inside the luminaire
- Max impulse voltage UOC 10KV
- Voltage protection level L-N <1500V

#### TECHNICAL SPECS

- LED's type: Samsung LM561B
- Step MacAdam: 3
- Lifetime Led's: L80/B50 - 60Kh Tc 85°C
- Lifetime driver: 50Kh

- Power factor: 0.97
- Warranty: 3 years

#### TECHNICAL SPECS 4000K

- LED's output: 3315lm@tc25°C
- Luminaire output: 1847lm@ta25°C
- LED's efficiency: 153lm/W
- Luminaire efficiency: 75lm/W
- LED's consumption: 21.7W
- Luminaire consumption: 24.3W

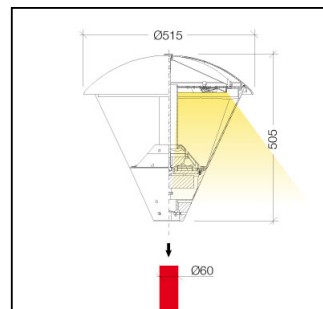
#### TECHNICAL SPECS 3000K

- LED's output: 3166lm@tc25°C
- Luminaire output: 1764lm@ta25°C
- LED's efficiency: 146lm/W
- Luminaire efficiency: 71lm/W
- LED's consumption: 21.7W
- Luminaire consumption: 24.3W

Rev 03-01/10/2021

#### Details

- Conformity with CEE directives
- Double insulation/class II
- IK08
- RG1
- CRI>80
- CLASS A+
- IP 65



220-240V 50/60Hz 24,3W						
CE	□	IK 08	RG 1	CRI ≥80	A+	IP65

