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## PRODUCT DATA SHEET

### Barcellona Led Basic Opal

**Code : 1600084N**

#### 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) opal 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)
- Round symmetrical light throw

#### WIRING CHARACTERISTICS

- LED's module 20,3W
- n°50 Led's
- 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 H07RN-F 2x1,5mmq cable (30cm) 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

#### TECHNICAL SPECS

- Step MacAdam: 3
- Lifetime Led's: L80/B50 - 60Kh Tc 85°C
- Lifetime driver: 50Kh
- Power factor: 0,96
- Warranty: 3 years

#### TECHNICAL SPECS 4000K

- LED's output: 3677,3lm@tc25°C
- Luminaire output: 2058lm@ta25°C
- LED's efficiency: 181lm/W
- Luminaire efficiency: 90lm/W
- LED's consumption: 20,3W
- Luminaire consumption: 22,8W

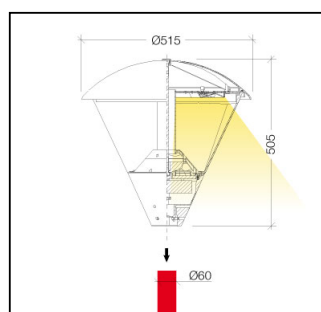
#### TECHNICAL SPECS 3000K

- LED's output: 3470,5lm@tc25°C
- Luminaire output: 1942lm@ta25°C
- LED's efficiency: 171lm/W
- Luminaire efficiency: 85lm/W
- LED's consumption: 20,3W
- Luminaire consumption: 22,8W

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#### Details

- Conformity with EU Directives
- Double insulation/class II
- IK08
- RG1
- CRI>80
- IP 65



220-240V 50/60Hz 22,8W					
CE		IK08	RG1	CRI ≥ 80	IP65

