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## PRODUCT DATA SHEET

### Edge 90°

**Code : 1072184S**

#### PRODUCT FAMILY

- Urban architectural CUT-OFF LED luminaire (IP65), complete with rectangular pole 125x90mm for plinth/floor installation (IP65)

#### MATERIAL CHARACTERISTICS

- Housing and bracket made of extruded aluminium EN AW 6060 with thermal treatment, subjected to cleaning and degreasing treatment before anodizing and painting
- Interlocking decorative side profile in PC (polycarbonate)
- Reinforced thermoplastic and painted front closure cap
- Polyester powder coating with a pretreatment (Phosphochromating method) to ensure high protection against weathering
- A2 stainless steel screws

#### BURIED POLE - SYSTEM A

- Rectangular pole, in anodized and painted extruded aluminium, 90x125x3500/4600mm for plinth/floor fixing
- 90° bracket, in anodized and painted extruded aluminium 600mm long, in pole 3000mm high
- 90° bracket, in anodized and painted extruded aluminium 700mm long, in pole 4000mm high
- Self-adhesive bituminous membrane, reinforced with a 1.5mm thick aluminium film, Class "E" fire resistant, stuck on the part of the pole that has to be placed under the ground for protection against corrosion and weathering
- Total ground height 3000/4000mm
- Suggested plinth 600x600x700mm

#### FLANGED POLE - SYSTEM B

- Rectangular pole, in anodized and painted extruded aluminium, 90x125x3000/4000mm complete with flange for plinth/floor fixing
- 90° bracket, in anodized and painted extruded aluminium 600mm long, in pole 3000mm high
- 90° bracket, in anodized and painted extruded aluminium 700mm long, in pole 4000mm high
- 250x200mm flange, 10mm thick made of hot-dip galvanized steel 75m UNI EN 1461
- Total ground height 3000/4000mm
- Suggested plinth 600x600x700mm

#### CLOUR

- Anthracite RAL 7016 textured

#### LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Monochromatic LED module (12 Led's - 25,2W) powered at 350mA
- Monochromatic LED module (72 Led's - 50,7W) powered at 700mA
- Street medium LED optics in PMMA (acrylic) with high performances
- Non yellowing, transparent PMMA (acrylic) lens
- Immediately ON at 100% of the light flux
- CUT-OFF light fitting conforming to all regional/local laws against light pollution

#### WIRING CHARACTERISTICS

- LED circuit secured on the aluminium housing/heat-sink
- Driver IP67 included (DALI dimmable version available on request)

#### INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

- Luminaire installed directly to plinth/floor to be fixed to a flange and anchor bolts kit (not supplied)
- Class II hole and terminal block, 4-pole, 3 way with IN/OUT power supply (16mmq) and connecting to the luminaire with fuse holder for 8.5x31.5mm fuses
- Closing door made of painted aluminium
- Ordinary and extraordinary maintenance (not necessary)

#### TECHNICAL SPECS

- Step MacAdam: 3
- Lifetime Led:

L85/B50>60Kh - Tc 70°C-105°C

L90/B50>50Kh - Tc 70°C

- Warranty: 3 years

#### TECHNICAL SPECS 4000K - 28,7W

- LED's output: 4032lm@tc25°C
- Luminaire output: 3600lm@ta25°C
- LED's efficiency: 160lm/W
- Luminaire efficiency: 125lm/W
- LED's consumption: 25,2W
- Luminaire consumption: 28,7W
- Power factor: 0,93

#### TECHNICAL SPECS 3000K - 28,7W

- LED's output: 3867lm@tc25°C
- Luminaire output: 3454lm@ta25°C
- LED's efficiency: 153,5lm/W
- Luminaire efficiency: 120lm/W
- LED's consumption: 25,2W
- Luminaire consumption: 28,7W
- Power factor: 0,93

#### TECHNICAL SPECS 4000K - 56,8W

- LED's output: 7406lm@tc25°C
- Luminaire output: 6614lm@ta25°C
- LED's efficiency: 146lm/W
- Luminaire efficiency: 116,3lm/W
- LED's consumption: 50,7W
- Luminaire consumption: 56,8W
- Power factor: 0,93

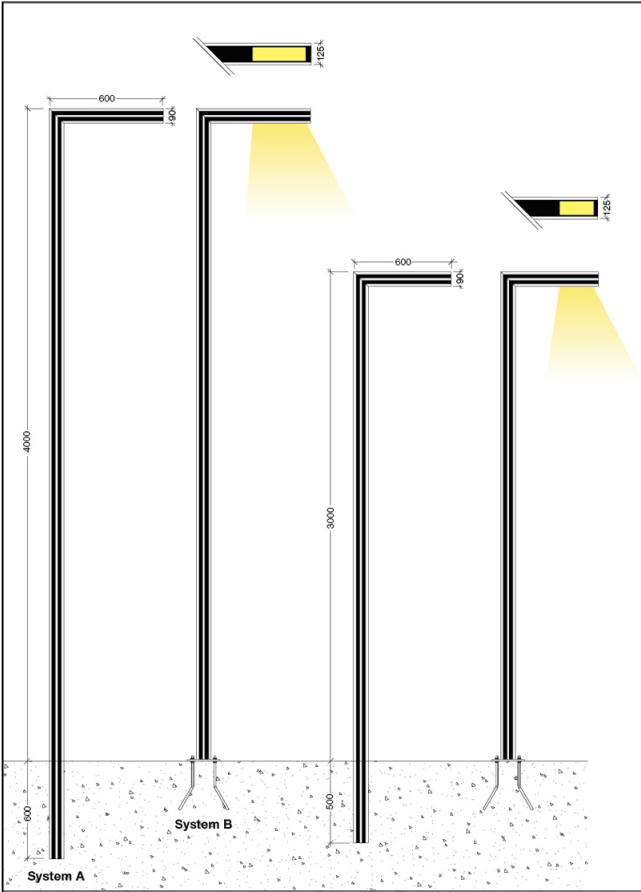
#### TECHNICAL SPECS 3000K - 56,8W

- LED's output: 7103lm@tc25°C
- Luminaire output: 6343lm@ta25°C
- LED's efficiency: 140lm/W
- Luminaire efficiency: 111,7lm/W
- LED's consumption: 50,7W
- Luminaire consumption: 56,8W
- Power factor: 0,93

Rev 07 - 05/04/22

#### Details

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



90-295V 50/60Hz 28,7W						
CE	CUT OFF	IK 08	Rd	CRI ≥80	IP65	

