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## PRODUCT DATA SHEET

### Edge 90°

**Code : 1071182S**

#### 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 aluminum 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

#### COMPULSORY ACCESSORY SYSTEM B - COD.4000.0009

- Counterflange 250x200x3mm and anchor bolts kit M16x500mm made of hot-dip galvanized steel 75m UNI EN 1461

#### COLOUR

- Anthracite RAL 7016 textured

#### LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position  
- Monochromatic LED module (48 Led's - 38.5W) powered at 700mA  
- Monochromatic LED module (72 Led's - 57.6W) powered at 700mA  
- Street short 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  
- Led's Seoul smd 3030  
- 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)

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

- Cod. CS160037 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: Seoul smd 3030
- Step MacAdam: 3
- Lifetime Led: L90/B50 - 54Kh Tc 105°C
- Warranty: 3 years

#### TECHNICAL SPECS 4000K - 38.5W

- LED's output: 5088lm@tc25°C
- Luminaire output: 4643lm@ta25°C
- LED's efficiency: 149lm/W
- Luminaire efficiency: 121lm/W
- LED's consumption: 34.1W
- Luminaire consumption: 38.5W
- Power factor: >0.94

#### TECHNICAL SPECS 3000K - 38.5W

- LED's output: 4741lm@tc25°C
- Luminaire output: 4326lm@ta25°C
- LED's efficiency: 139lm/W
- Luminaire efficiency: 113lm/W
- LED's consumption: 34.1W
- Luminaire consumption: 38.5W
- Power factor: >0.94

#### TECHNICAL SPECS 4000K - 57.6W

- LED's output: 7632lm@tc25°C
- Luminaire output: 6965lm@ta25°C
- LED's efficiency: 149lm/W
- Luminaire efficiency: 121lm/W
- LED's consumption: 51.2W
- Luminaire consumption: 57.6W
- Power factor: >0.96

#### TECHNICAL SPECS 3000K - 57.6W

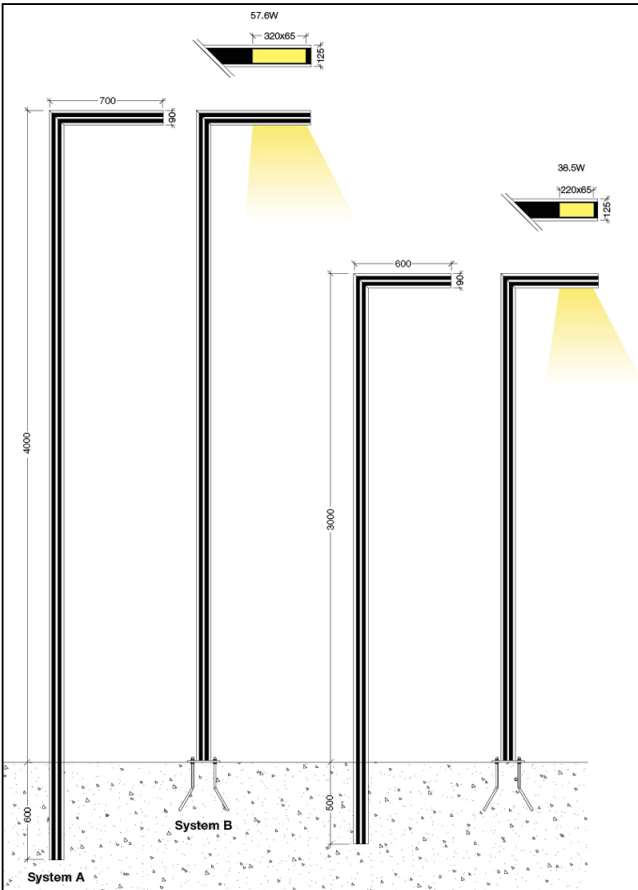
- LED's output: 7112lm@tc25°C
- Luminaire output: 6489lm@ta25°C
- LED's efficiency: 139lm/W
- Luminaire efficiency: 113lm/W
- LED's consumption: 51.2W
- Luminaire consumption: 57.6W
- Power factor: >0.96

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#### Details

- Conformity with CEE directives
- Conforms to all regional/local laws against light pollution
- Double insulation/class II
- IK08
- RG1

- CRI>80
- CLASS A+
- IP 65



90-295V 50/60Hz 38.5W							
CE	CUT OFF	IK 08	Rg	CRI ≥80	A+	IP65	

