

This document is exclusive MARECO LUCE s.r.l., is strictly prohibited disclosure or reproduction, even partial, as well the use of without written consent of MARECO LUCE s.r.l. The company reserves the right to change models, dimensions and materials at any time without notice.

## PRODUCT DATA SHEET

### Edge 60°

Code : 1074282S

#### PRODUCT FAMILY

- Urban architectural 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
- 60° bracket, in anodized and painted extruded aluminium 600mm long, in pole 3000mm high
- 60° 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
- 60° bracket, in anodized and painted extruded aluminium 600mm long, in pole 3000mm high
- 60° 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

#### 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

Rev 01 - 06/03/20

#### Details

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

• IP 65



180-295V 50/60Hz 57,6W						
CE	IK 08	RG	CRI >90	A+	IP65	

