

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

Skill street optics Short

Code : 1831584M

PRODUCT FAMILY

- Urban architectural LED with cut-off optics (IP66) for pole top use on Ø60mm poles

MATERIAL CHARACTERISTICS

- Body made of die-cast aluminum (ADC12) anodized and painted
- Adjustable pole top made of die-cast aluminum (ADC12) anodized and painted
- Special outdoor polyester powder coating to ensure high protection against weathering
- Diffuser in flat, transparent tempered glass (4mm thick)
- Gear tray in reinforced thermoplastic painted black
- Silicone gasket
- Screws in stainless steel A2

COLOUR

- Metallic grey RAL 9006

WEIGHT

- Luminaire: 4,9kg
- Single package: 5,8kg (610x255x140mm)

LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Monochromatic LED module (1x12 Led's - 31,7W)
- Monochromatic LED module (2x12 Led's - 49,8W e 73,6W)
- Street short LED optics in PMMA (acrylic) with high performances
- Non yellowing, transparent PMMA (acrylic) lens
- Immediately ON at 100% of the light flux (soft start at 0.5 sec)
- CUT-OFF light fitting conforming to all regional/local laws against light pollution

WIRING CHARACTERISTICS

- Tool-free simplified maintenance to access the optics
- Quick connection between driver and optical unit trough polarized connector
- Built-in ON-OFF driver (0-10V, virtual midnight or DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV
- Equipped with cable gland with osmotic valve for leakage of air and humidity
- Luminaire including a H07RN-F 100cm long pre-wired neoprene cable (3x1,5mm²) Class I
- Luminaire including a H07RN-F 100cm long pre-wired neoprene cable (2x1,5mm²) Class II

INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

- Luminaire for direct installation on Ø60mm poles
- M20x1.5mm cable gland suitable for cable Ø6-Ø12mm
- Ordinary maintenance (not necessary)
- Adjustable Pole Top vertical/horizontal position with tilt regulation +10°/-5° (with steps of 5°)
- Suitable for installation up to 15m height max

DIMENSIONS

- 445x245x75mm (Pole top)
- 560x245x75mm (Bracket)

TECHNICAL SPECS

- Step MacAdam: 3
- Lifetime: L90/B10>100Kh - Tc 65°C
- Lifetime Driver: 100Kh
- Over voltage protection: CM10KV, DM6KV
- Warranty: 5 years

TECHNICAL SPECS 3000K - 36W

- LED's output: 5020lm@tc25°C
- Luminaire output: 3629lm@ta25°C
- LED's efficiency: 158,4lm/W

- Luminaire efficiency: 100,7lm/W
- LED's consumption: 31,7W
- Luminaire consumption: 36W
- Power factor: >0,96

TECHNICAL SPECS 4000K - 36W

- LED's output: 5330lm@tc25°C
- Luminaire output: 3852lm@ta25°C
- LED's efficiency: 168,1lm/W
- Luminaire efficiency: 106,9lm/W
- LED's consumption: 31,7W
- Luminaire consumption: 36W
- Power factor: >0,96

TECHNICAL SPECS 3000K - 56,6W

- LED's output: 8062lm@tc25°C
- Luminaire output: 5820lm@ta25°C
- LED's efficiency: 161,9lm/W
- Luminaire efficiency: 102,8lm/W
- LED's consumption: 49,8W
- Luminaire consumption: 56,6W
- Power Factor: >0,96

TECHNICAL SPECS 4000K - 56,6W

- LED's output: 8690lm@tc25°C
- Luminaire output: 6273lm@ta25°C
- LED's efficiency: 174,5lm/W
- Luminaire efficiency: 110,8lm/W
- LED's consumption: 49,8W
- Luminaire consumption: 56,6W
- Power Factor: >0,96

TECHNICAL SPECS 3000K - 82,7W

- LED's output: 11200lm@tc25°C
- Luminaire output: 8103lm@ta25°C
- LED's efficiency: 152,2lm/W
- Luminaire efficiency: 97,9lm/W
- LED's consumption: 73,6W
- Luminaire consumption: 82,7W
- Power Factor: >0,96

TECHNICAL SPECS 4000K - 82,7W

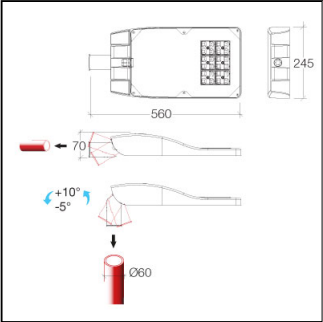
- LED's output: 11900lm@tc25°C
- Luminaire output: 8595lm@ta25°C
- LED's efficiency: 161,7lm/W
- Luminaire efficiency: 103,9lm/W
- LED's consumption: 73,6W
- Luminaire consumption: 82,7W
- Power Factor: >0,96

Rev. 2-05/04/22

Details

- Conformity with EU Directives
- Conforms to all regional/local laws against light pollution
- CLASS I
- Double insulation/class II
- IK08
- RG0
- CRI>70

- Dimmable
- VIRTUAL MIDNIGHT
- IP 66



220-240V 50/60Hz 56.6W

CE	CUT OFF		IK 08	RG	CRI ≥ 70		IP66
----	---------	--	-------	----	----------	--	------

