mareco LUCE
47032 bertinoro (FC) Italia
via s.croce, 121 (z.i.)
tel. +39 0543 4687
fax +39 0543 449051
info@marecoluce.it
www.marecoluce.it

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
Indus Round Symmetric optics
Code : 1893182S

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, guaranteed for 10 years
- Diffuser in flat, transparent tempered glass (4mm thick)
- Gear tray in reinforced thermoplastic painted black
- Silicone gasket
- Screws in stainless steel A2

COLOUR
- Anthracite RAL 7016 textured

WEIGHT 35W/53,8W
- Luminaire: 4kg
- Single package: 5kg (610x290xh170mm)

WEIGHT 88,9W
- Luminaire: 7kg
- Single package: 8,2kg (750x380xh160mm)

LIGHTING CHARACTERISTICS
- LED’s lighting source in fixed position
- Monochromatic LED module (72 Led's - 31,7W e 46,8W)
- Monochromatic LED module (144 Led's - 81,5W)
- Roun symmetrical 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
- Quick connection between driver and switch trough polarized connector
- Built-in dimmable driver 0-10V, PWM or virtual midnight
(DALI dimmable version available on request)
- Over voltage protection; Common Mode 10kV, Differential Mode 6kV
- Equipped with osmotic valve for leakage of air and humidity

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)
- Fast tool-free extra maintenance and possibility to replace the optic group and/or the wiring
- Cut out system when opening the light fitting through disconnecting switch
- Adjustable Pole Top vertical/horizontal position with tilt regulation ±10° (with steps of 5°)
- Suitable for installation up to 8m height max (35W)
- Suitable for installation up to 15m height max (53,8W e 88,9W)

DIMENSIONS 35W/53,8W
- 465x245x200mm (Pole top)
- 572x245x100mm (Bracket)

DIMENSIONS 88,9W
- 635x320x210mm (Pole top)
- 717x320x130mm (Bracket)

TECHNICAL SPECS
• Step MacAdam: 3
• Lifetime: L70/B50>60Kh - Tc 115°C
• Lifetime Driver: 120Kh
• Over voltage protection: CM10KV, DM6KV
• Warranty: 5 years

TECHNICAL SPECS 3000K - 35W
• LED’s output: 5940lm@tc25°C
• Luminaire output: 4127lm@ta25°C
• LED's efficiency: 187,5lm/W
• Luminaire efficiency: 120,6lm/W
• LED’s consumption: 31,7W
• Luminaire consumption: 35W
• Power factor: >0,97

TECHNICAL SPECS 4000K - 35W
• LED’s output: 6059lm@tc25°C
• Luminaire output: 4453lm@ta25°C
• LED's efficiency: 191,3lm/W
• Luminaire efficiency: 130,1lm/W
• LED’s consumption: 31,7W
• Luminaire consumption: 35W
• Power factor: >0,97

TECHNICAL SPECS 3000K- 53,8W
• LED’s output: 8730lm@tc25°C
• Luminaire output: 6016lm@ta25°C
• LED's efficiency: 175,7lm/W
• Luminaire efficiency: 111,9lm/W
• LED’s consumption: 46,8W
• Luminaire consumption: 53,8W
• Power Factor: >0,97

TECHNICAL SPECS 4000K - 53,8W
• LED’s output: 8906lm@tc25°C
• Luminaire output: 6468lm@ta25°C
• LED's efficiency: 179,3lm/W
• Luminaire efficiency: 120,3lm/W
• LED’s consumption: 46,8W
• Luminaire consumption: 53,8W
• Power Factor: >0,97

TECHNICAL SPECS 3000K - 88,9W
• LED’s output: 14760lm@tc25°C
• Luminaire output: 11024lm@ta25°C
• LED's efficiency: 181lm/W
• Luminaire efficiency: 123,5lm/W
• LED’s consumption: 81,5W
• Luminaire consumption: 88,9W
• Power Factor: >0,95

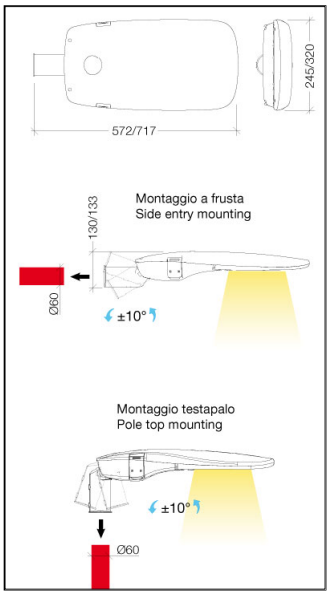
TECHNICAL SPECS 4000K - 88,9W
• LED’s output: 15055lm@tc25°C
• Luminaire output: 11810lm@ta25°C
• LED's efficiency: 184,6lm/W
• Luminaire efficiency: 132,4lm/W
• LED’s consumption: 81,5W
• Luminaire consumption: 88,9W

• Power Factor: >0,95

Rev. 5 - 03/03/2022

Details
• Conformity with EU Directives
• Conforms to all regional/local laws against light pollution
• CLASS I
• Double insulation/class II
• IK08
• RG1
• CRI>70
• Dimmable
• VIRTUAL MIDNIGHT
• ENEC05
• IP 66





European Norms Electrical Certification
Marchio di qualità volontario
05 DEKRA organismo di certificazione

220-240V 50/60Hz 35W

CUT OFF | IK 08 | RG 1 | CRI ≥70 | IP66

