

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

Lira 140 Square

Code : 4142682W

PRODUCT FAMILY

- IP67 inground LED uplight 140x140mm, requiring recessed box for floor mounting, or retaining springs for false ceiling mounting

MATERIAL CHARACTERISTICS

- Housing made of die-cast aluminium (ADC12) anodized
- AISI 316L stainless steel casting square ring 140x140mm with 2,5mm thickness and micro-shot blasted
- Heat-sink made of anodised aluminium
- PMMA (acrylic) lens with high transmittance (beam 8° and 20° versions)
- Max load 2500Kg at 20Km/h
- Flat, transparent, tempered glass diffuser, 8mm thick (6.8W and GU10)
- Flat, brushed, tempered glass diffuser, 8mm thick (8W)
- Silicone gaskets
- A2 stainless steel screws

COLOUR

- Stainless steel

WEIGHT

- Luminaire: 0.87kg
- Single package: 1.1kg (190x190x160mm)

LIGHTING CHARACTERISTICS LED's

- Adjustable optics $\pm 15^\circ$
- Immediately ON at 100% of light flux
- Monochromatic LED module (1 Led)
- Darkoo lenses with beam optics 8°, 20° (transparent diffuser)
- Flood beam optic (brushed diffuser)

LIGHTING CHARACTERISTICS GU10

- Adjustable optics $\pm 15^\circ$ and brushed diffuser
- Luminaire designed for max 35W lamp GU10 lamp holder supply tension 220-240V 50-60Hz
- Max lamp dimension allowed $\varnothing 50 \times L 56 \text{mm}$

WIRING CHARACTERISTICS LED's AND GU10

- LED's module 8W mains powered 220-240V 50/60Hz (brushed diffuser)
- LED's module 6,8W, remote driver (to be ordered separately), 700mA driver output (transparent diffuser)
- Metal PG9 cable gland
- Remote electronic driver compulsory (6.8W)
- Pre-wired with H05RN-F 2x1mmq cable (40cm) for the connection to the mains (LED's 6.8W)
- Pre-wired with H05RN-F 3x1mmq cable (40cm) for the connection to the mains (LED's 8W and GU10)
- Factory-sealed termination chamber – utilising resin to guarantee sealing

INSTALLATION AND ORDINARY MAINTENANCE CHARACTERISTICS

- Inground uplight for use with recessed box accessory (to be ordered separately)
- Ceiling downlight for direct mounting, requiring $\varnothing 126 \text{mm}$ hole with locking mechanism (supplied separately)
- Ordinary maintenance (usually unnecessary for LED products) by removing the n.4 screws from ring and removing diffuser
- For the correct positioning, the arrow on the housing must point in the required light beam direction
- Driver CS160024 cannot be placed inside the recessed box

COMPULSORY ACCESSORY FOR PAVEMENT MOUNTING TO BE ORDERED SEPARATELY:

- Circular recessed box $\varnothing 194 \times 152 \text{mm}$ - COD.70000005

COMPULSORY ACCESSORY FOR FALSE CEILING MOUNTING TO BE ORDERED SEPARATELY:

- False ceiling locking mechanism - COD.4000000W

DIMENSIONS

- 140x140x122mm

TECHNICAL SPECS - 6.8W/8°/20°

- Led's consumption: 6.8W
- Lifetime Led's: L90/B50 - 50Kh Tc 105°C
- Insulation Class: III
- Driver output: 700mA

TECHNICAL SPECS - 8W/Flood

- Led's consumption: 8W
- Luminaire consumption: 8W
- Lifetime Led's: L70/B50 - 50Kh Tc 55°C
- Insulation Class: I
- Nominal voltage: 220-240V
- Rated frequency: 50/60Hz
- Power factor: >0.95

TECHNICAL SPECS

- Step MacAdam: 3
- Warranty: 5 years

TECHNICAL SPECS 4000K - 6.8W/8°

- Led's output: 959lm@tc25°C
- Luminaire output: 430lm@ta25°C
- Led's efficiency: 141lm/W
- Luminaire efficiency: 63lm/W

TECHNICAL SPECS 3000K - 6.8W/8°

- Led's output: 930lm@tc25°C
- Luminaire output: 417lm@ta25°C
- Led's efficiency: 137lm/W
- Luminaire efficiency: 61lm/W

TECHNICAL SPECS 4000K - 6.8W/20°

- Led's output: 959lm@tc25°C
- Luminaire output: 426lm@ta25°C
- Led's efficiency: 141lm/W
- Luminaire efficiency: 63lm/W

TECHNICAL SPECS 3000K - 6.8W/20°

- Led's output: 930lm@tc25°C
- Luminaire output: 413lm@ta25°C
- Led's efficiency: 137lm/W
- Luminaire efficiency: 61lm/W

TECHNICAL SPECS 4000K - 8W/Flood

- Led's output: 791lm@tc25°C
- Luminaire output: 477lm@ta25°C
- Led's efficiency: 99lm/W
- Luminaire efficiency: 60lm/W

TECHNICAL SPECS 3000K - 8W/Flood

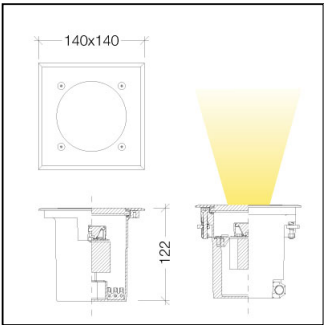
- Led's output: 754lm@tc25°C

- Luminaire output: 455lm@ta25°C
- Led's efficiency: 94lm/W
- Luminaire efficiency: 57lm/W

Rev. 4 - 20/11/19

Details

- Conformity with EU Directives
- CLASS I
- Class III
- IK08
- RG1
- CRI>80
- IP 67



12VDC 8,2W						
CE			IK08	RG1	CRI ≥80	IP67