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## PRODUCT DATA SHEET

### Lira 140 Square

Code : 4142181W

#### 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)
- Led's Citizen CLU701-0304C4-303M2K1 (transparent diffuser)
- Darkoo lenses with beam optics 8°, 20° (transparent diffuser)
- Led's Vossloh EDC\_38C4W (brushed 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

#### 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

#### OPTIONAL ACCESSORIES TO BE ORDERED SEPARATELY:

- Electronic driver 15W IP20 700mA - COD.CS160024 min 1 max 2 luminaires
- IP68 connector - COD.CS093000
- "T"-3 ways IP68 connector - COD.CS093001

#### DIMENSIONS

- 140x140x122mm

#### TECHNICAL SPECS - 6.8W/8°/20°

- Led's consumption: 6.8W
- Type of Led's: Citizen CLU701-0304C4-303M2K1
- 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
- Type of Led's: Vossloh EDC\_38C4W
- 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
- RG: 1
- CRI: 80
- Warranty: 5 years
- IK: 08

#### 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

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Details

- Conformity with CEE directives
- IP 67



35W max GU10	
CE	IP67