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PRODUCT DATA SHEET
Lira 140 Square
Code : 4142584W

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 (190x190xh160mm)

LIGHTING CHARACTERISTICS LED's
- Adjustable optics ±15°
- 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 ±15° and brushed diffuser
- Luminaire designed for max 35W lamp GU10 lamp holder supply tension 220-240V 50-60Hz
- Max lamp dimension allowed Ø50xL56mm

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 Ø126mm 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 Ø194x152mm - 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

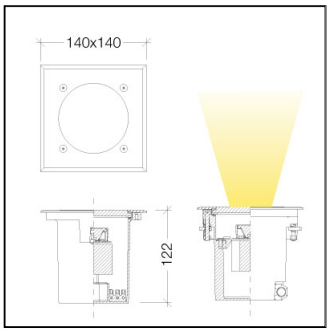
TECHNICAL SPECS 3000K - 8W/Flood
• Led's output: 754lm@tc25°C

• 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	⏚	⧈	IK 08	RG 1	CRI ≥80	IP67