IN-GROUND LUMINAIRES

RECESSED CEILING LUMINAIRES

WALL RECESSED LUMINAIRES



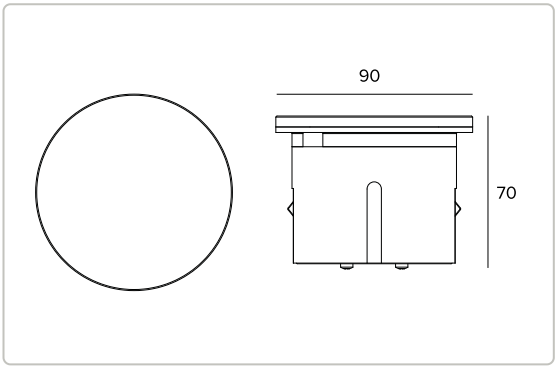
# Keplero Quantum 90 Fixed Oval AG

**Code**

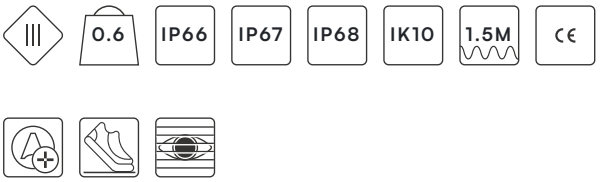
## E037FLL827A

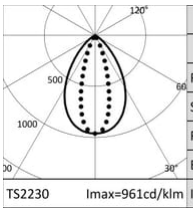
| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 2700K<br>80 | Elliptical<br>69° / 31° | 10.3W<br>899lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 24Vdc | |




**The figures on the drawing are expressed in mm.**




| 2700K | | H(m) | D1(m) | D2(m) | Emax(lx) |
|---|---|---|---|---|---|
| Ra80 | | | 69° | 31° | |
| Fixture Power | 10W | 1 | 1.36 | 0.56 | 1232 |
| Source Flux | 1282lm | 2 | 2.72 | 1.12 | 308 |
| Fixture Flux | 899lm | 3 | 4.09 | 1.68 | 137 |
| Efficacy | 87lm/W | 4 | 5.45 | 2.25 | 77 |
| Imax | 1232cd | 5 | 6.81 | 2.81 | 49 |

## Technical Data

### Concept

Recessed professional projector with a fixed optical unit.

### Source

High efficiency Chip on Board LED. 2700K (Ra80) colour temperature.

| | |
|---|---|
| Energy efficiency class | C |
| Nominal power | 9,3W |
| Nominal flux | 1282lm |
| Colour rendering index | 80 |
| Rf | 80 |
| Rg | 97 |
| CCT nominal | 2700K |
| Lifetime (L80/B10) | 56000h tq +25°C |
| Lifetime (L90/B10) | 56000h tq +25°C |

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

Targetti Sankey S.r.l.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

Tel: +39 055 37911
targetti.com
targetti@targetti.com

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

## Technical Data

### Illuminotechnical characteristics

Optical grade PMMA lens and holographic diffusing filter. Oval versions with holographic filter for elliptical light emission.

| | |
|---|---|
| Optic | Elliptical |
| Beam angles | OV (FL-WFL) |
| Optical efficiency | 70.11% |
| Fixture flux | 899lm |
| Luminous efficacy | 87lm/W |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Aluminium body made by CNC machinining process and treated with black anodizing. All-glass version. Anti-slip glass for public pedestrian areas.

| | |
|---|---|
| Colour and finish | All-glass |
| Dimensions | ØxH 90x70mm |
| Weight | 0.6Kg |
| Version | Anti-slip glass |
| Degree of protection | IP66,IP67,IP68 |
| Mechanical Resistance | IK10 |

### Electrical characteristics

24Vdc power supply. ON-OFF or DALI2 remote driver to be ordered separately. Precabled with 1,5m 2x0,5mm² cable. Casambi control system available via accessory (for products with DALI2 driver only).

| | |
|---|---|
| Fixture Power | 10.3W |
| Power supply | 24Vdc |
| Insulation Class | CLASS 3 |
| Driver included | NO |
| SAFE FLICKER | PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light |
| Ambient temperature | -25°C / +35°C |

### Installation

In-ground installation by a reinforced nylon sleeve, to be ordered separately. Sleeve available for flush installation. 20kN resistance to static load.

### Notes

IP68: the fixture is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 1.5 metres (max.1h). All the Keplero Quantum 90 all-glass versions meet the walk-over requirements set out in the EN 60598-2-13 standard. Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children. It features the "Waterblock Smart" technical solution which involves resin-sealing the connection cables to minimize the risk of moisture rising into the fixture. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

### Regulations and Certifications

CE

## Technical Data

### Warranty

5 years.

### Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Non-replaceable control gear.

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

Targetti Sankey S.r.l.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

Tel: +39 055 37911
targetti.com
targetti@targetti.com

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

## Related codes

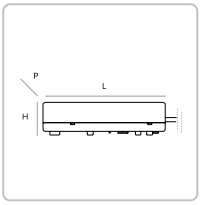
### Sleeve



| CODE | COLOUR | P | H | L |
|---|---|---|---|---|
| A126SS | | 219mm | 133mm | 219mm |
| A126CB | | 219mm | 133mm | 219mm |
| A126EB | | 219mm | 133mm | 219mm |

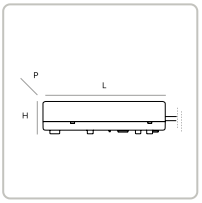
Reinforced nylon installation sleeve.
The sleeve is designed for the flush installation of All-glass versions.
Complete with a cover element to protect the recessed housing during concrete pouring.
AxB 219x219 H. 133

### Power Supply




| CODE | IP | OUTPUT VOLTAGE | POWER SUPPLY | POWER | LXHXP |
|---|---|---|---|---|---|
| A134EL | IP67 | 24Vdc | 220-240Vac | 60W MAX | 171x37x62mm |
| A137EL | IP67 | 24Vdc | 220-240Vac | 150W MAX | 228x39x68mm |

Electronic ON-OFF power supply.




| CODE | IP | OUTPUT VOLTAGE | POWER SUPPLY | POWER | LXHXP |
|---|---|---|---|---|---|
| A134D2 | IP67 | 24Vdc | 220-240Vac | 60W MAX | 150x35x53mm |
| A136D2 | IP67 | 24Vdc | 220-240Vac | 120W MAX | 191x38x63mm |

DALI2 power supply.

## Accessories

### Connector



| CODE |
|---|
| 1E2493 |

Linear connection box IP68.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.



| CODE |
|---|
| 1E2494 |

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

Targetti Sankey S.r.l.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

Tel: +39 055 37911
targetti.com
targetti@targetti.com

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

## Tool



**CODE**

**1E3305**

Tightening wrench for the connector kit.

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

Targetti Sankey S.r.l.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

Tel: +39 055 37911
targetti.com
targetti@targetti.com

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.