IN-GROUND LUMINAIRES

RECESSED CEILING LUMINAIRES

WALL RECESSED LUMINAIRES



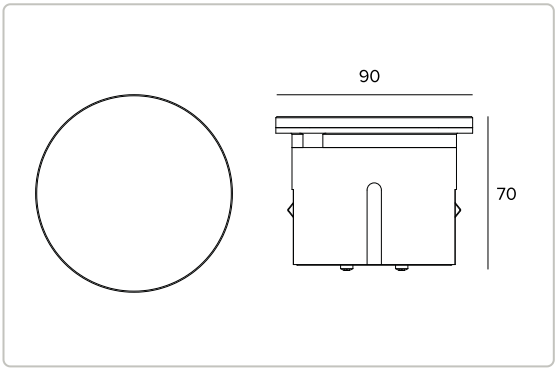
Keplero Quantum 90 Adjustable Comfort AG

Code

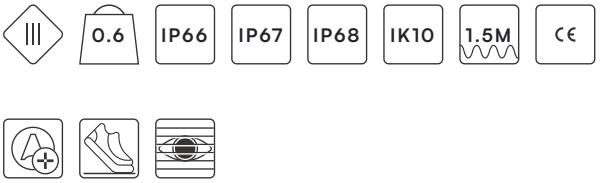
E043NSL922C

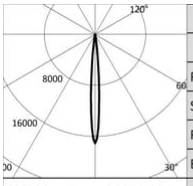
LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2200K 90	NSP 9°	5W 236lm

POWER SUPPLY CONTROL	COLOUR
24Vdc	



The figures on the drawing are expressed in mm.





2200K		H(m)	D(m)	Emax(lx)
Ra90			9°	
Fixture Power	5W	1	0.15	7102
Source Flux	417lm	2	0.30	1775
Fixture Flux	236lm	3	0.45	789
Efficacy	47lm/W	4	0.60	444
Imax	7102cd	5	0.76	284

Technical Data

Concept

Recessed professional projector with an adjustable optical unit.

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

Source

High efficiency Chip on Board LED. 2200K (Ra90) colour temperature.	
Energy efficiency class	G
Nominal power	4,5W
Nominal flux	417lm
Colour rendering index	90
Rf	91
Rg	101
CCT nominal	2200K
Lifetime (L80/B10)	56000h tq +25°C
Lifetime (L90/B10)	56000h tq +25°C

Illuminotechnical characteristics

Optical grade PMMA lens and holographic diffusing filter. Version with honeycomb anti-glare grid. Adjustability of the optical unit up to 15° on the vertical plane. Tilting of the optical unit made through external regulation without opening the product.

Optic	NSP
Beam angles	NSP
Optical efficiency	56.49%
Fixture flux	236lm
Luminous efficacy	47lm/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. Extra clear protective glass.

Colour and finish	All-glass
Dimensions	ØxH 90x70mm
Weight	0.6Kg
Version	Extra-clear 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	5W
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

Technical Data

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

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.

Related codes

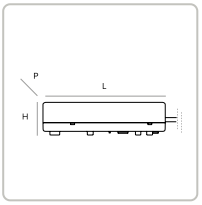
Sleeve



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

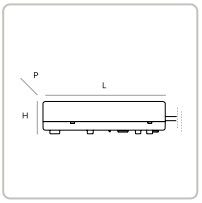
Reinforced nylon installation sleeve.
The sleeve is designed for the flush installation of All-glass versions.
Complete with a cover element to protect the recessed housing during concrete pouring.
AxB 219x219 H. 133

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.