IN-GROUND LUMINAIRES

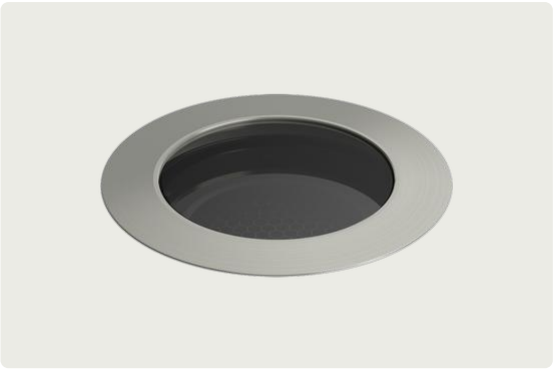
RECESSED CEILING LUMINAIRES

WALL RECESSED LUMINAIRES

Keplero Quantum 90 Adjustable Comfort

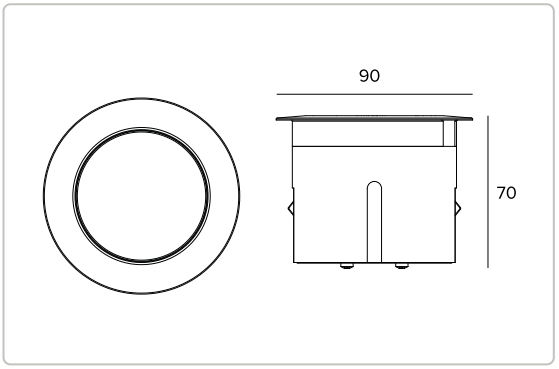
Code

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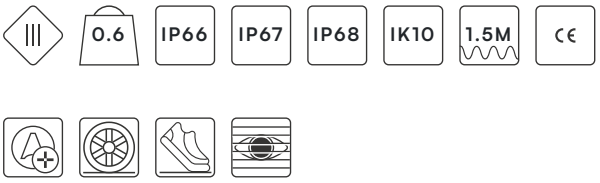


LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2200K 90	FL 28°	10.3W 424lm

POWER SUPPLY CONTROL	COLOUR
24Vdc	



The figures on the drawing are expressed in mm.





2200K		H(m)	D(m)	Emax(lx)
Ra90			28°	
Fixture Power	10W	1	0.50	1593
Source Flux	972lm	2	1.00	398
Fixture Flux	424lm	3	1.50	177
Efficacy	41lm/W	4	2.00	100
Imax	1593cd	5	2.49	64

Technical Data

Concept

Recessed professional projector with an adjustable optical unit.

Source

High efficiency Chip on Board LED. 2200K (Ra90) colour temperature.

Energy efficiency class	E
Nominal power	9,3W
Nominal flux	972lm
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

TARGETTI

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

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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. 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	FL
Beam angles	FL
Optical efficiency	43.6%
Fixture flux	424lm
Luminous efficacy	41lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Aluminium body made by CNC machinining process and treated with black anodizing. Ultra flat decorative ring with a flared edge, made of brushed stainless steel (AISI 316) in a natural finish. Extra clear protective glass.

Colour and finish	Brushed stainless steel
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 2x0,5mm^2 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. Sleeves are available for flush or trim installation. 20kN resistance to static load. Wall/ceiling installation by the accessory mounting systems.

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 versions (except all-glass versions) meet the drive-over and 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.

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Related codes

Sleeve



CODE	P	H	L
A124	219mm	126mm	219mm

Reinforced nylon installation sleeve.
The sleeve is designed for the trim installation of the fixture.
Complete with a cover element to protect the recessed housing during concrete pouring.
AxB 219x219 H. 126



CODE	COLOUR	P	H	L
A125SS		219mm	127mm	219mm

Reinforced nylon installation sleeve.
The sleeve is designed for the flush installation of the fixture.
Complete with a cover element to protect the recessed housing during concrete pouring.
AxB 219x219 H. 127

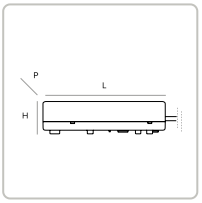
Mounting System



CODE
A127

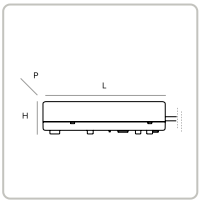
Steel spring kit for wall and ceiling installations.

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.

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CODE

1E2494

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

Tool



CODE

1E3305

Tightening wrench for the connector kit.

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