IN-GROUND LUMINAIRES

RECESSED CEILING LUMINAIRES

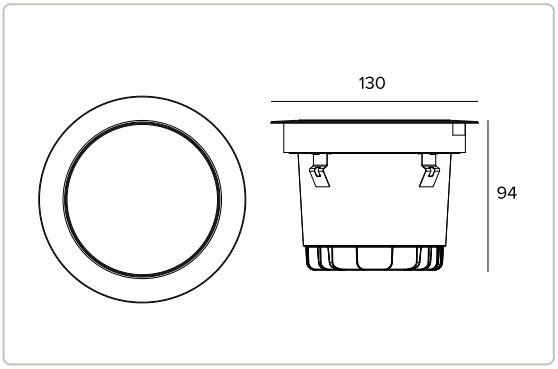
WALL RECESSED LUMINAIRES

Keplero Quantum 130 Adjustable

Code
E029ZML830ASS

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 80	Zoom 16°-42°	13.2W 1194-1239lm

POWER SUPPLY CONTROL	COLOUR
24Vdc	



The figures on the drawing are expressed in mm.

The fixture's photometric values can be found on the following pages

Technical Data

Concept

Recessed professional projector with an adjustable optical unit.

Source

High efficiency Chip on Board LED. 3000K (Ra80) colour temperature.	
Energy efficiency class	C
Nominal power	12W
Nominal flux	1974lm
Colour rendering index	80
Rf	84
Rg	97
CCT nominal	3000K
Lifetime (L80/B10)	56000h tq +25°C
Lifetime (L90/B10)	56000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
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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 system made of a double optical grade PMMA lens and a holographic diffusing filter for continuous adjustment of the beam angle (from Spot to Medium Wide Flood). Adjustability of the optical unit up to 20° on the vertical plane. Tilting of the optical unit and adjustment of the beam angle made through external regulations without opening the product.

Optic	Zoom
Beam angles	SP-MWFL
Optical efficiency	See photometries
Fixture flux	See photometries
Luminous efficacy	See photometries
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Die-cast aluminium body with 2 layers of protection: cataphoresis and black paint. Ultra flat decorative ring with a flared edge, made of brushed stainless steel (AISI 316) in a natural finish. Anti-slip glass for public pedestrian areas.

Colour and finish	Brushed stainless steel
Dimensions	ØxH 130x94mm
Weight	1Kg
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 2x0,5mm^2 cable. Casambi control system available via accessory (for products with DALI2 driver only).

Fixture Power	13.2W
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 / +50°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 130 versions meet the drive-over and walk-over requirements set out in the EN 60598-2-13 standard. 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.

Warranty

5 years.

Technical Data

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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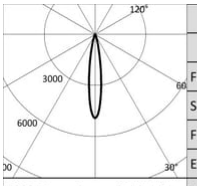
Photometries

SP

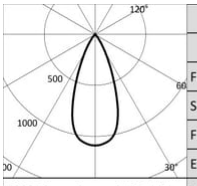
Fixture flux	1239lm
Luminous efficacy	94lm/W
Optical efficiency	62.78%



3000K		H(m)	D(m)	Emax(lx)
Ra80			16°	
Fixture Power	13W	1	0.29	9700
Source Flux	1974lm	2	0.58	2425
Fixture Flux	1239lm	3	0.87	1078
Efficacy	94lm/W	4	1.16	606
TS2033 Imax=4914cd/klm	Imax 9700cd	5	1.45	388

WFL

Fixture flux	1194lm
Luminous efficacy	90lm/W
Optical efficiency	60.49%



3000K		H(m)	D(m)	Emax(lx)
Ra80			42°	
Fixture Power	13W	1	0.77	2144
Source Flux	1974lm	2	1.54	536
Fixture Flux	1194lm	3	2.31	238
Efficacy	90lm/W	4	3.08	134
TS2034 Imax=1086cd/klm	Imax 2144cd	5	3.85	86

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Related codes

Sleeve

CODE	P	H	L
A121	317mm	125mm	317mm

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 317x317 H. 125

CODE	COLOUR	P	H	L
A122SS		317mm	127mm	317mm

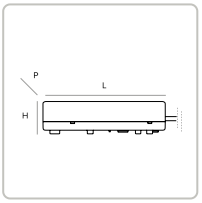
Reinforced nylon installation sleeve.
The sleeve is designed for the flush installation of the fixture.
Complete with a cover element to protect the recessed housing during concrete pouring.
AxB 317x317 H. 127

Mounting System

CODE
A123

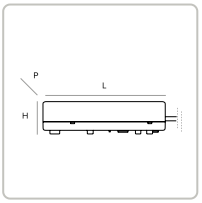
Steel spring kit for wall and ceiling installations.

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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