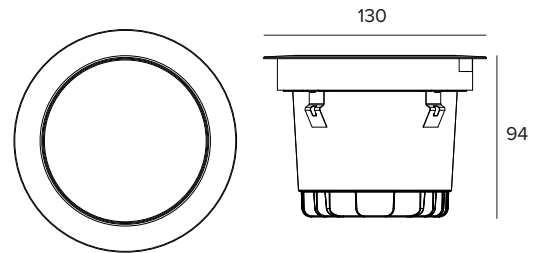


## E029ZML840AEB | Keplero Quantum 130

### Recessed professional projector with an adjustable optical unit



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



The figures on the drawing are expressed in mm.

#### SOURCE

High efficiency Chip on Board LED. 4000K (Ra80) colour temperature.

**Energy efficiency class:** B

**Nominal power:** 12W

**Nominal flux:** 2053lm

**Colour rendering index:** 80

**Rf:** 81

**Rg:** 97

**CCT nominal:** 4000K

#### 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 eclipse black finish. Anti-slip glass for public pedestrian areas.

**Colour and finish:** Eclipse black

**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<sup>2</sup> cable. Casambi control system available via accessory (for products with DALI2 driver only).

**Fixture Power:** 13W

**Power supply:** 24Vdc

**Insulation Class:** CLASS 3

**Driver included:** NO

**Class F:** YES

**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 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.

#### WARNING

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

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.

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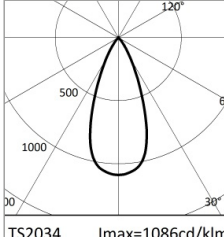
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	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		16°			
Fixture Power	13W	1	0.29	10088		
Source Flux	2053lm	2	0.58	2522		
Fixture Flux	1289lm	3	0.87	1121		
Efficacy	98lm/W	4	1.16	630		
TS2033	Imax=4914cd/klm	Imax	10088cd	5	1.45	404



	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		42°			
Fixture Power	13W	1	0.77	2230		
Source Flux	2053lm	2	1.54	558		
Fixture Flux	1242lm	3	2.31	248		
Efficacy	94lm/W	4	3.08	139		
TS2034	Imax=1086cd/klm	Imax	2230cd	5	3.85	89

#### SP

Fixture flux	1289lm
Luminous efficacy	98lm/W
Optical efficiency	63%

#### WFL

Fixture flux	1242lm
Luminous efficacy	94lm/W
Optical efficiency	60%

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## E029ZML840AEB | Keplero Quantum 130

### Recessed professional projector with an adjustable optical unit

#### Related codes

##### Sleeve



L mm	H mm	P mm	Code
317	125	317	<b>A121</b>

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.  
Ax/B 317x317 H. 125



L mm	H mm	P mm	Colour	Code
317	127	317	●	<b>A122EB</b>

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.  
Ax/B 317x317 H. 127

##### Mounting System



Code

**A123**

Steel spring kit for wall and ceiling installations.

##### Power Supply

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
171x37x62	60W MAX	220-240Vac	24Vdc	IP67	<b>A134EL</b>
228x39x68	150W MAX	220-240Vac	24Vdc	IP67	<b>A137EL</b>

Electronic ON-OFF power supply.

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
150x35x53	60W MAX	220-240Vac	24Vdc	IP67	<b>A134D2</b>
191x38x63	120W MAX	220-240Vac	24Vdc	IP67	<b>A136D2</b>

DALI2 power supply.

#### Accessories

##### Connector



Code

**1E2493**

Linear connection box IP68.  
4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 7 to 12mm.



Code

**1E2494**

Multiple connection box IP68.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 6 to 12mm.

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**E029ZML840AEB | Keplero Quantum 130**  
Recessed professional projector with an adjustable optical unit**Tool**

Code

**1E3305**

Tightening wrench for the connector kit.

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