

## E042FLL840CSS | Keplero Quantum 90

### Recessed professional projector with an adjustable optical unit



	4000K	H(m)	D(m)	E <sub>max</sub> (lx)		
	Ra80		28°			
Fixture Power	10W	1	0.50	2312		
Source Flux	1411lm	2	1.00	578		
Fixture Flux	615lm	3	1.50	257		
Efficacy	60lm/W	4	2.00	144		
TS2226	I <sub>max</sub> =1639cd/klm	I <sub>max</sub>	2312cd	5	2.49	92



#### SOURCE

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

**Energy efficiency class:** C

**Nominal power:** 9,3W

**Nominal flux:** 1411lm

**Colour rendering index:** 80

**Rf:** 81

**Rg:** 97

**CCT nominal:** 4000K

#### 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:** LENS

**Beam angles:** FL

**Optical efficiency:** 44%

**Fixture flux:** 615lm

**Luminous efficacy:** 60lm/W

**Photobiological safety:** Compliant with RG1 low risk group

#### MECHANICAL CHARACTERISTICS

Aluminium body made by CNC machining 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

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

**Fixture Power:** 10W

**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 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.

#### 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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R.E.A: FI-275656

**TARGETTI**

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#### Related codes

##### Sleeve



L mm	H mm	P mm	Code
219	126	219	<b>A124</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 219x219 H. 126



L mm	H mm	P mm	Colour	Code
219	127	219		<b>A125SS</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 219x219 H. 127

##### Mounting System



Code

**A127**

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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# TARGETTI

**E042FLL840CSS | Keplero Quantum 90**  
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**Tool**



Code

**1E3305**

Tightening wrench for the connector kit.

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