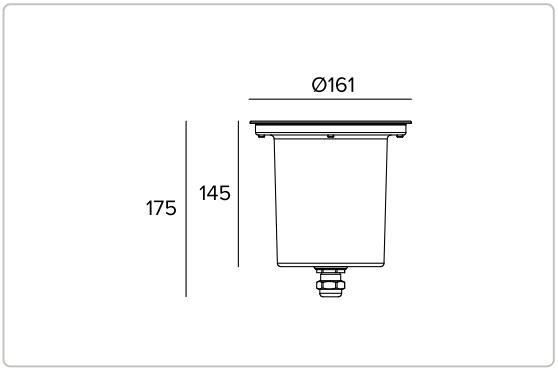
IN-GROUND LUMINAIRES

Keplero 160 Stainless steel

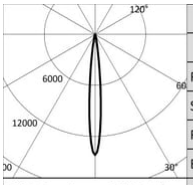
Code
E017SPL830ELCCB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 80	SP 11°	7.4W 646lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac ON-OFF	



The figures on the drawing are expressed in mm.



3000K		H(m)	D(m)	Emax(lx)
Ra80			11°	
Fixture Power	7W	1	0.19	12160
Source Flux	859lm	2	0.38	3040
Fixture Flux	646lm	3	0.57	1351
Efficacy	88lm/W	4	0.75	760
Imax	12160cd	5	0.94	486

Technical Data

Concept

Compact fixed recessed projector equipped with LED sources.

Source

Ra80 high efficiency High Power LED. 3500K colour temperature available on request.	
Energy efficiency class	E
Nominal power	6,4W
Nominal flux	859lm
Colour rendering index	80
Rf	85
Rg	93.8
CCT nominal	3000K
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	100000h tq +25°C

TARGETTI

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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 composed of an optical grade PMMA lens and a holographic diffusing filter.

Optic	SP
Beam angles	SP
Optical efficiency	75.19%
Fixture flux	646lm
Luminous efficacy	87lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Die-cast aluminium body with 3 layers of protection: anodised, cataphoresis and black paint. Brushed stainless steel (AISI 316) ultra flat decorative ring with bevelled edge (copper bronze finish). Version with extra-clear protective glass. Anti theft stainless steel A4 Torx screws.

Colour and finish	Copper bronze
Dimensions	ØxH 161x175mm
Weight	1.82Kg
Version	Extra-clear glass
Degree of protection	IP66,IP67,IP68
Mechanical Resistance	IK10

Electrical characteristics

220-240Vac power supply with an ON-OFF integrated driver.

Fixture Power	7.4W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 2
Type of driver / Control	ON-OFF - PUSH
Driver included	YES
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

Nylon installation sleeve to be ordered separately as an accessory. The sleeve is pre-set for both flush or straight edge installation. 20kN resistance to static load.

Notes

All light fixtures must be completed with an installation sleeve. IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children. Uses the "Waterblock Smart" technical solution that involves resin coating the connection cables, limiting the risk of humidity reaching the driver or the fixture. 110-277Vac version available on request.

Warning

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

Related codes

Sleeve

CODE	H	Ø
1E2521	200mm	166mm

Installation sleeve.
Grey Nylon casing.
For flush and semi-flush installation.

Accessories

Tool

CODE

1E0388

Sucker tool to raise the glass.

Connector

CODE

1E2769

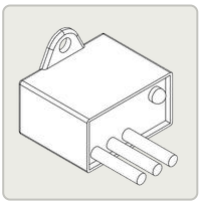
Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

CODE

1E2494

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

Surge protector



CODE

A013B

Surge protector compatible with CLASS II lighting fixtures and electronic drivers.
Operating voltage 220-240Vac.
SPD type 2+3.
Max surge protection 10kV.
CLASS II
IP67

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