IN-GROUND LUMINAIRES

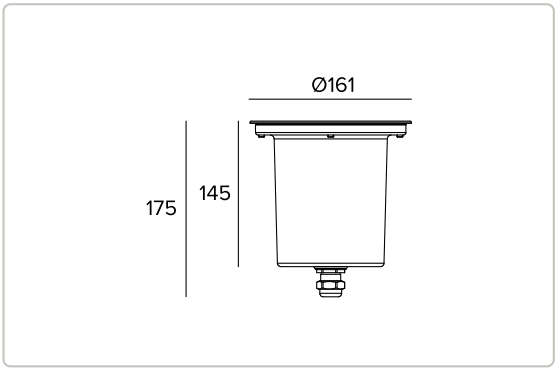
Keplero 160 Stainless steel



Code
E017MFL830ELCEB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 80	MWFL 45°	7.4W 563lm

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			45°	
Fixture Power	7W	1	0.84	871
Source Flux	859lm	2	1.67	218
Fixture Flux	563lm	3	2.51	97
Efficacy	76lm/W	4	3.35	54
Imax	871cd	5	4.19	35

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

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

Optic	MWFL
Beam angles	MWFL
Optical efficiency	65.53%
Fixture flux	563lm
Luminous efficacy	76lm/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. Ultra flat decorative ring with a flared edge, made of brushed stainless steel (AISI 316) (eclipse black finish). Version with extra-clear protective glass. Anti theft stainless steel A4 Torx screws.

Colour and finish	Eclipse black
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
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.

Regulations and Certifications

CE

Technical Data

Warning

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

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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

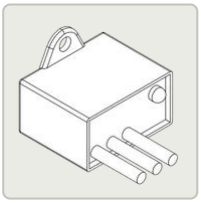
Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.



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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