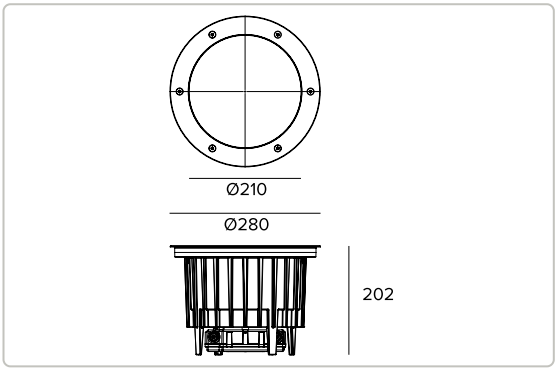
IN-GROUND LUMINAIRES

Keplero 280 Adjustable

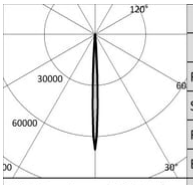
Code
E013VNL830ELCSS

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 80	NSP 5°	16.1W 1407lm

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			5°	
Fixture Power	16W	1	0.09	117137
Source Flux	1734lm	2	0.17	29284
Fixture Flux	1407lm	3	0.26	13015
Efficacy	87lm/W	4	0.34	7321
Imax	117137cd	5	0.43	4685

Technical Data

Concept

Professional inground recessed adjustable LED projector.

Source

Ra80 high efficiency High Power LED. 3500K colour temperature available on request.	
Energy efficiency class	E
Nominal power	14W
Nominal flux	1734lm
Colour rendering index	80
Rf	85
Rg	96
CCT nominal	3000K
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	72000h 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 with an optical grade PMMA lens and a holographic diffusing filter. Tilting optic adjustable up to 30° on the vertical plane and 210° on the horizontal plane with a friction aim locking system. Designed for the installation of multiple optical accessories to be ordered separately.

Optic	NSP
Beam angles	NSP
Optical efficiency	81.14%
Fixture flux	1407lm
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 (natural finish). Version with extra-clear protective glass. Anti theft stainless steel A4 Torx screws.

Colour and finish	Brushed stainless steel
Dimensions	ØxH 280x202mm
Weight	6.1Kg
Version	Extra-clear glass
Degree of protection	IP66,IP67,IP68
Mechanical Resistance	IK10

Electrical characteristics

Integrated IP68 ON-OFF electronic power supply equipped with IP68 waterproof connectors set for connection to the mains with a H07RN8-F (max2x2.5mm²) cable. Fixture with a pass-through line.

Fixture Power	16.1W
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 Plus" technical solution that involves resin coating the connection cables and completely resin coating the integrated driver limiting the risk of humidity reaching the fixture. 110-277Vac version available on request.

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

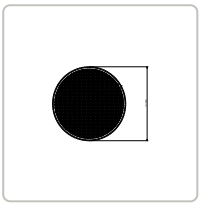
Sleeve

CODE
1E2394

Grey nylon installation sleeve.
The sleeve is pre-set for both flush or straight edge installation.
Complete with dedicated cover cap for installations in concrete.
Flush ring Ø 286 H.225.
Straight edge ring Ø 271 H. 223.

Accessories

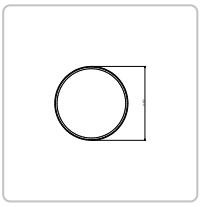
Grid



CODE
A062

Anti-glare louver.
Black painted metal honeycomb structure.
The louver is complete with a filter holder ring.

Filter



CODE
A063

Flat striped glass blade light refractive filter.
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.
The accessory is complete with a filter holder ring.

Shutter

CODE	COLOUR
1E2402	●

Half-moon shutter.

Tool

CODE
1E2496

Metal handle for fixture removal

CODE
1E2495

Features TORX HEAD, TX 30.

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Accessories

Tool

CODE

1E0388

Sucker tool to raise the glass.

Connector

CODE

1E2769

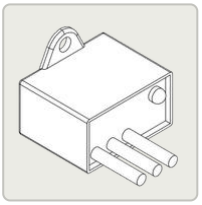
Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

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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