IN-GROUND LUMINAIRES

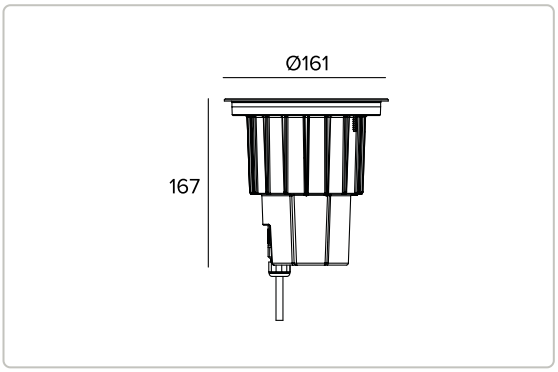
Keplero 160 Wall Washer



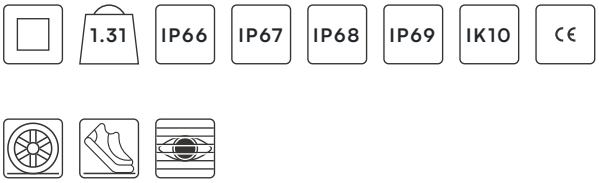
Code
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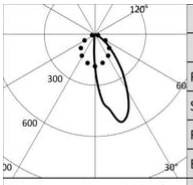
LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 80	Wall Washer	13.7W 980lm

POWER SUPPLY CONTROL	COLOUR
110-240V ON-OFF	



The figures on the drawing are expressed in mm.





4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			34°	84°	
Fixture Power	14W	1	0.70	1.87	921
Source Flux	1946lm	2	1.40	3.75	230
Fixture Flux	980lm	3	2.10	5.62	102
Efficacy	72lm/W	4	2.81	7.49	58
Imax	1045cd	5	3.51	9.36	37

Technical Data

Concept

Compact inground Wall Washer projector equipped with LED sources.

Source

High efficiency Chip on Board LED Ra80. 3500K colour temperature available on request.	
Energy efficiency class	D
Nominal power	12W
Nominal flux	1946lm
Colour rendering index	80
Rf	82
Rg	95
CCT nominal	4000K
Lifetime (L80/B10)	72000h 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

Targetti Sankey S.r.l.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

Tel: +39 055 37911
targetti.com
targetti@targetti.com

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

A Wall Washer optical system composed of a PMMA lens, a highly reflective anodised aluminium reflector and a holographic filter.

Optic	Wall Washer
Beam angles	WW
Optical efficiency	50.36%
Fixture flux	980lm
Luminous efficacy	72lm/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 161x167mm
Weight	1.31Kg
Version	Extra-clear glass
Degree of protection	IP66,IP67,IP68,IP69
Mechanical Resistance	IK10

Electrical characteristics

110-240Vac power supply with an ON-OFF integrated driver. Connection to the mains via IP68 watertight connectors for H07RN8-F cable (max 2x2.5mm²).

Fixture Power	13.7W
Power supply	110-240V 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 fixture is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. 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.



CODE

1E2495

Features TORX HEAD, TX 30.



CODE

1E2524

Metal handle for fixture removal

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.

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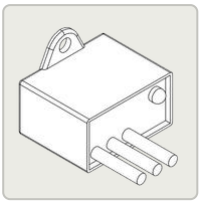
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Surge protector



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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