Inground

KEPLERO

TARGETTI

KEPLERO

GENERAL INFO
Recessed professional projector.
ø280mm - ø161mm

LED
Chip on board for Zoom – Wall Washer versions
Emitter for RGBW – Gimbal versions
From 65lm to 4665lm
3000K – 4000K
Ra80

PRODUCT EFFICACY
Up to 115lm/W

OPTICS
NSP – SP – FL – FL RECT
MWFL – WFL – WW

POWER SUPPLY
Electronic – DALI – DMX

MATERIAL
Anodized and black painted die-cast aluminium body. Brushed stainless steel ultra flat decorative ring with bevelled edge.

ON DEMAND
110-277 vac power supply

2700K-3500K

A complete range of recessed LED up-lights for outdoor lighting. The two different sizes with a wide range of optics with white LED or RGBW lamps with different lumens are the expression of versatility and performance. The entire range has been subject to “Cataphoresis” treatment and is therefore suitable to be installed near the sea (up to 5 metres) or in “hostile” environments.

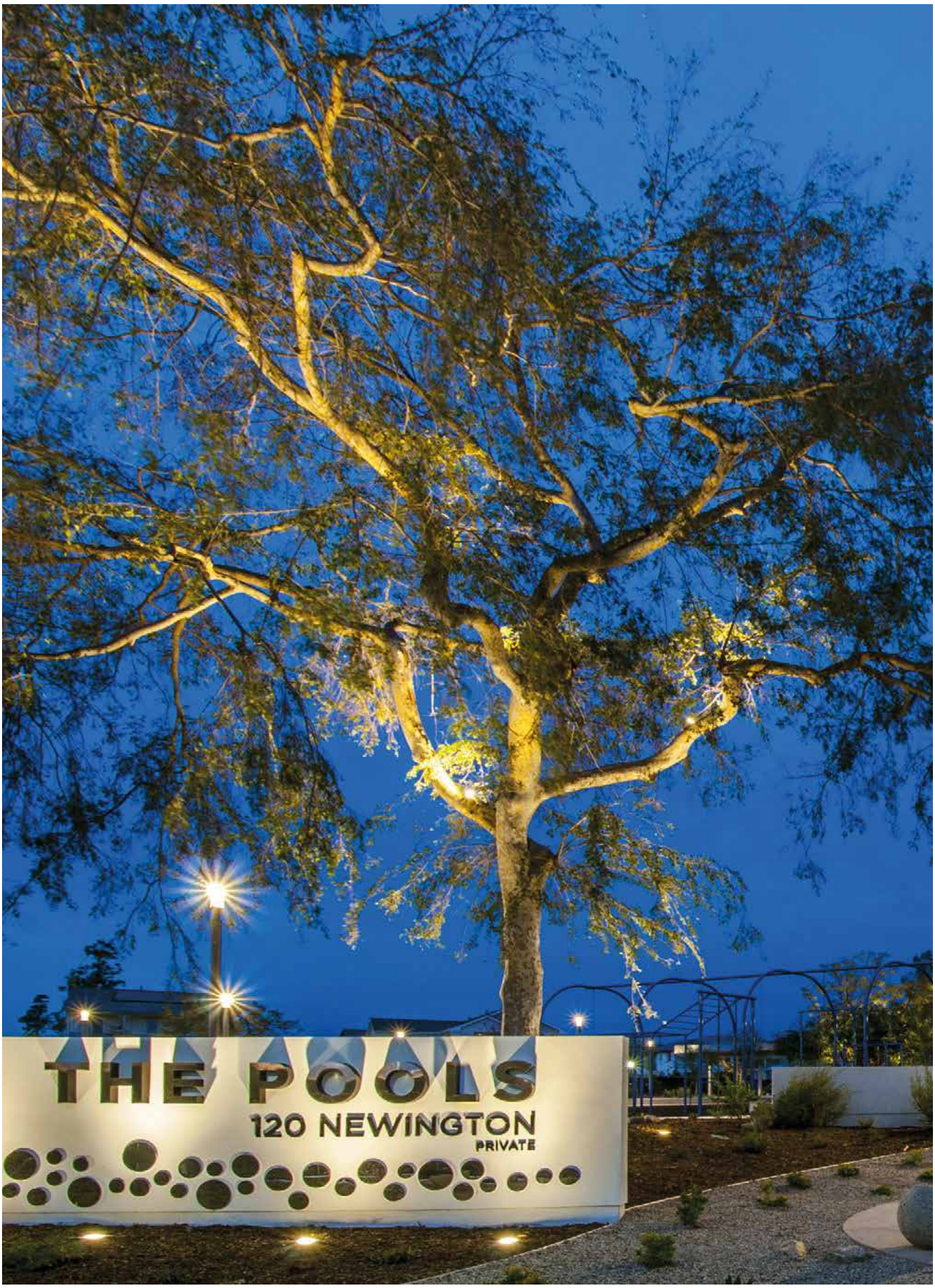
Keplero uses the “Waterblock Plus” technical solution that involves resin coating the connection cables and completely resin coating the integrated driver.
The entire range uses the “Waterblock Smart” technical solution that involves resin coating the connection cables limiting the risk of humidity reaching the driver or the fixture.

The large versions of Keplero are available with an integrated electronic 220-240V driver, while the Keplero Mini has a range with both an integrated 110-240V driver and a remote 48V driver making it easier to connect several fixtures to the same driver that is available as an accessory. Cabling is simply through IP68 connectors that are equipped for In and Out looping.

The Pools
Irvine, USA

Architect Studio K1

Photographer ©Brad Nelson

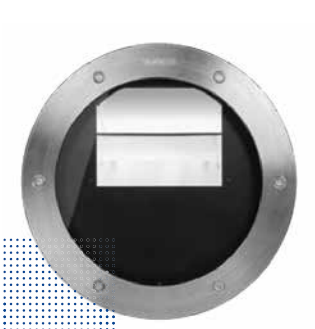


Plus

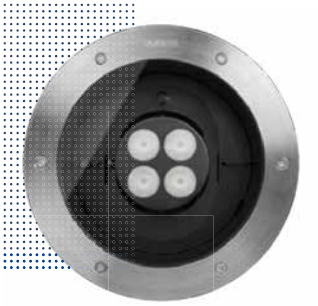
Zoom
Spot, Flood, Medium wide Flood, Wide flood

Zoom RGBW
Spot, Flood, Medium wide Flood, Wide flood

Wall Washer



Wall Washer RGBW



Gimbal
Narrow spot, Flood, Flood rectangle

Gimbal Hp
Narrow spot, Spot, Flood

Keplero

A powerful solution

And an ideal and flexible choice for lighting large and small public spaces, building facades and trees given its size and high performance.

Keplero Mini

A compact version

With only 166mm in diameter and has a maximum installation depth of just 200mm. It takes its technology and flexibility from the large version but given its dimensions and high performance it is also suitable for external lighting such as building facades and small trees.

Zoom
Spot, Flood, Medium wide flood, Wide flood

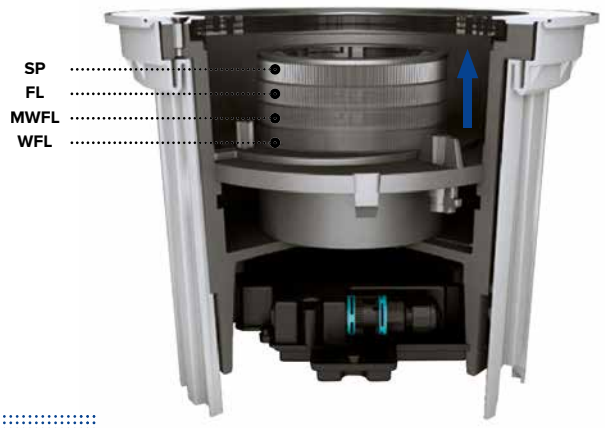
Wall Washer

Gimbal
Spot, Flood

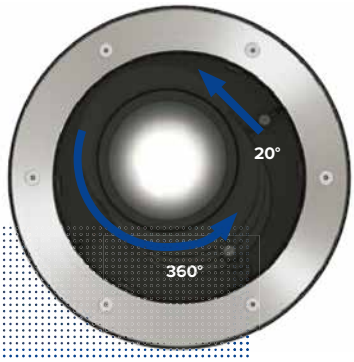
Hi-Efficacy
Spot, Flood, Medium wide flood

Hi- Efficacy RGBW
Spot, Flood, Medium wide flood

Plus



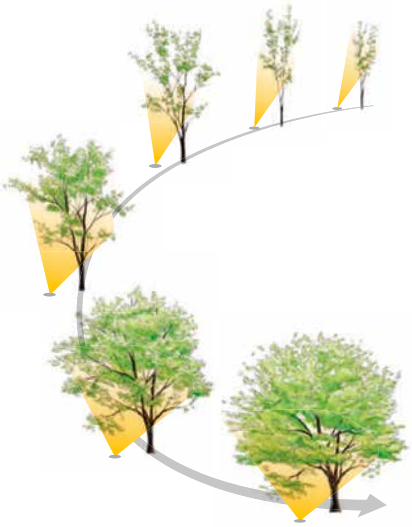
Keplero Zoom

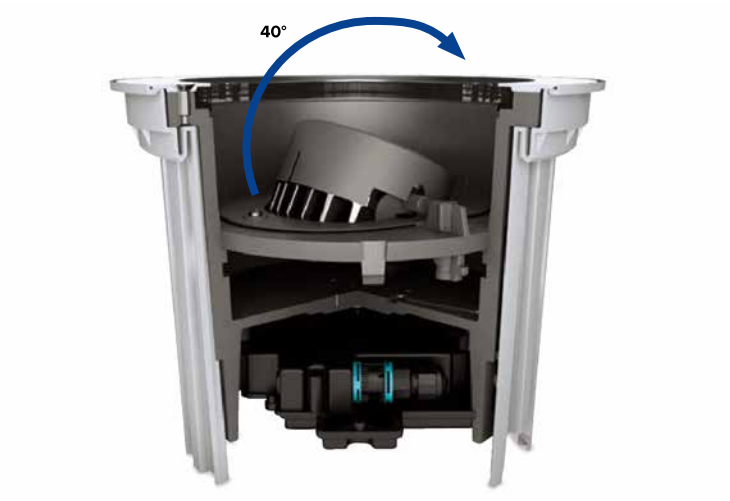


Keplero Mini Zoom

The dynamism of the optical system produces numerous luminous effects

Perfect solidity and stillness of an inground recessed fixture contrast with the dynamism of a unique optical system that gives life to countless luminous effects. The light emitted by Keplero Zoom and Keplero Mini Zoom can change at any time thanks to the innovative patented optical system that makes it possible to vary the beam opening by manually moving the optical unit. Thanks to a few simple steps it is possible to modify the emission of the fixture from spot to wide flood and adjust the beam up to 20°. Grade rings help to identify orientation and make replication simple.





Keplero Gimbal

Keplero Mini Gimbal

Gimbal optic

For precision lighting. A real projector given its high performance and the adjustability of the optical unit up to 40°.

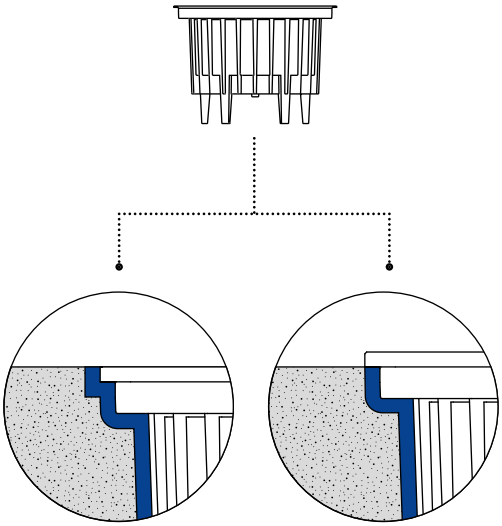
Wall washer
Optical system to light vertical surfaces uniformly

An optical system composed of a reflector and a lens that can not only guarantee complete uniformity on vertical surfaces but also excellent light diffusion from very close to the floor.
Available even in a Mini version (Ø 161mm)

Keplero Wall Washer

Keplero Mini Wall Washer

Plus



Brushed stainless steel or copper bronze finish
Installed flush or protruding by simply removing the frame from the nylon installation sleeve available as an accessory. Special stainless steel inserts - with silicone o-ring - house the fixing screws of the ring thus preventing corrosion deriving from galvanic interactions

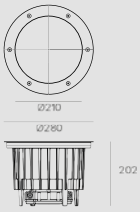
Extremely resistant to corrosion
The aluminium “primary alloy” with a low copper level used for die-casting makes Keplero highly resistant to corrosive phenomenon. In addition 8µm of anodisation, 15/40µm of cataphoresis treatment and 100µm of black polyester paint on the top ensure protection to all exposed surfaces, making it suitable to be installed up to 5 mt from the sea (no submersion).

Anti-slip glass
Keplero and Keplero Mini can be equipped with anti-slip glass, ideal for public pedestrian areas.

Easy pointing
Graduated rings help to define aim adjustment and replicate it easily.

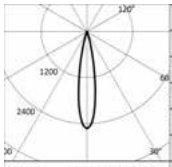
KEPLERO

Zoom

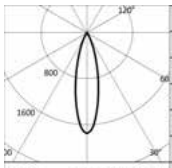


LED / 33W / SP, FL, MWFL, WFL

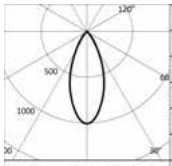
IP66 IP67 IP68 IK10



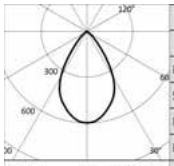
TS782	Imax=2519cd/klm	3000K		H(m)	D(m)	Emax(lx)
		Ra80			19°	
		Fixture Power	36W	1	0.34	11460
		Source Flux	4550lm	2	0.67	2865
		Fixture Flux	1666lm	3	1.01	1273
		Efficacy	47lm/W	4	1.34	716
		Imax	11460cd	5	1.68	458



TS781	Imax=1745cd/klm	3000K		H(m)	D(m)	Emax(lx)
		Ra80			26°	
		Fixture Power	36W	1	0.46	7939
		Source Flux	4550lm	2	0.93	1985
		Fixture Flux	2205lm	3	1.39	882
		Efficacy	62lm/W	4	1.86	496
		Imax	7939cd	5	2.32	318



TS780	Imax=1006cd/klm	3000K		H(m)	D(m)	Emax(lx)
		Ra80			43°	
		Fixture Power	36W	1	0.78	4579
		Source Flux	4550lm	2	1.56	1145
		Fixture Flux	2755lm	3	2.34	509
		Efficacy	77lm/W	4	3.12	286
		Imax	4579cd	5	3.90	183



TS779	Imax=599cd/klm	3000K		H(m)	D(m)	Emax(lx)
		Ra80			64°	
		Fixture Power	36W	1	1.25	2724
		Source Flux	4550lm	2	2.50	681
		Fixture Flux	2889lm	3	3.75	303
		Efficacy	81lm/W	4	5.00	170
		Imax	2724cd	5	6.25	109

Certificate	Driver	Version	Colour	3000K	4000K
ENEC	EL.	STANDARD		**1E2386**	**1E2387**
	DALI	STANDARD		**1E2386DA**	**1E2387DA**
	EL.	ANTI-SLIP GLASS		**1E2386AS**	**1E2387AS**
	DALI	ANTI-SLIP GLASS		**1E2386DAAS**	**1E2387DAAS**

Note

All lighting fixtures have to be completed with installation sleeves.

Copper bronze version: to order this version it is necessary to add the suffix “CB” to the end of the standard code.

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 which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Related codes

Sleeve

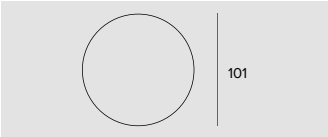
	Code
	1E2394

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.

KEPLERO

Accessories

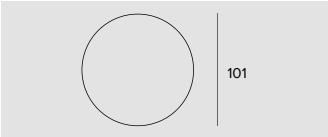
Filter



Ø	Code
101	**1T1696**

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.

Grid



Ø	Code
101	**1T1699**

Anti-glare louver.
Black painted metal honeycomb structure.

Shutter

Colour	Code
●	**1E2402**

Half-moon shutter.

Tool

Code
1E2496

Metal handle for fixture removal

Code
1E2495

Features TORX HEAD, TX 30.

Code
1E0388

Sucker tool to raise the glass.

Connector

Code
1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm^2.
Cable diameter range from 7 to 12mm.

Code
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

Outdoor

KEPLERO

Control systems

	Code
	1E3048

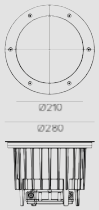
A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.

	Code
	1E3049

IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

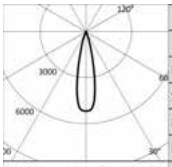
KEPLERO

Zoom RGBW

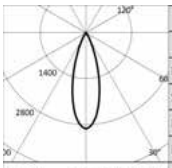


LED RGBW / 49W / SP, FL, MWFL, WFL

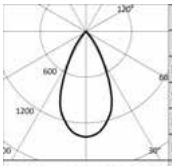
IP66 IP67 IK10 DMX (RGB)



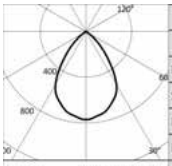
			H(m)	D(m)	Emax(lx)
	-			23°	
	Fixture Power	56W	1	0.42	4266
	Source Flux	826lm	2	0.83	1067
	Fixture Flux	826lm	3	1.25	474
	Efficacy	15lm/W	4	1.66	267
TS904	Imax=5165cd/klm	Imax	5	2.08	171



			H(m)	D(m)	Emax(lx)
	-			32°	
	Fixture Power	56W	1	0.57	3161
	Source Flux	1082lm	2	1.14	790
	Fixture Flux	1082lm	3	1.71	351
	Efficacy	19lm/W	4	2.27	198
TS905	Imax=2921cd/klm	Imax	5	2.84	126



			H(m)	D(m)	Emax(lx)
	-			51°	
	Fixture Power	56W	1	0.95	1877
	Source Flux	1359lm	2	1.90	469
	Fixture Flux	1359lm	3	2.85	209
	Efficacy	24lm/W	4	3.80	117
TS906	Imax=1380cd/klm	Imax	5	4.75	75



			H(m)	D(m)	Emax(lx)
	-			72°	
	Fixture Power	56W	1	1.45	1076
	Source Flux	1402lm	2	2.90	269
	Fixture Flux	1402lm	3	4.35	120
	Efficacy	25lm/W	4	5.80	67
TS907	Imax=768cd/klm	Imax	5	7.25	43

Driver	Version	Colour	RGBW
EL. DMX	STANDARD		**1E2768**
EL. DMX	ANTI-SLIP GLASS		**1E2768AS**

Note

Photometrics show the maximum emission values of fixtures.

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Related codes

Sleeve

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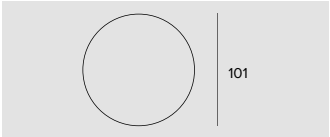
Grey nylon installation sleeve.
The sleeve is pre-set for both flush or straight edge installation.
Complete with dedicated cover cap for installations in concrete.
Flush ring Ø 286 H.225.
Straight edge ring Ø 271 H. 223.

Outdoor

KEPLERO

Accessories

Filter



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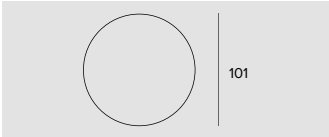


Ø	Code
101	**1T1699**

Anti-glare louver.
Black painted metal honeycomb structure.

Shutter

Colour	Code
◐	**1E2402**

Half-moon shutter.

Tool

Code
1E2496

Metal handle for fixture removal

Code
1E2495

Features TORX HEAD, TX 30.

Code
1E0388

Sucker tool to raise the glass.

Connector

Code
1E3184

IP68 4-way cable connector (5 pole).

KEPLERO

Control systems

Code
1E2767

USB-RDM Programmer code.
DMX-RDM (Remote Device Management) address planner.
Used with the “RDM Targetti” software that can be downloaded for free from the Targetti website download section.
To be used with all RGBW products.
The USB-RDM programmer manages to direct DMX-RDM fixtures if there are no BUFFER or Splitter DMXs on the section.
Please refer to the instructions for more details.

Code
1T1898

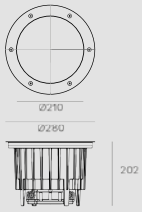
my-SCENARIO Show Store.
Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.
The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.
The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.
The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.
The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.
The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).
The programmed light shows can be transferred to different control interfaces.

Code
1T6499

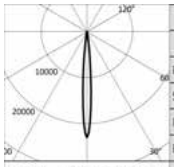
myScenario Wall.
DMX controller with a glass touch sensitive screen for architectural applications.
It can control two different DMX universes (2x 512 channels).
Stand alone function or connected to a computer using a USB port.
Software for creating scenarios (that can be downloaded from the Targetti website) included.
It can manage 10 different lighting zones and 50 scenarios per zone.
The touch keys on the front make it possible to modify and recall programmed scenarios.
USB cable included.
To be used with all RGB and RGBW products.

KEPLERO

Gimbal



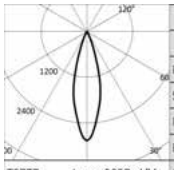
LED / 11W / NSP



	3000K		H(m)	D(m)	Emax(lx)
	Ra80			9°	
	Fixture Power	15W	1	0.15	20172
	Source Flux	878lm	2	0.30	5043
	Fixture Flux	719lm	3	0.46	2241
	Efficacy	50lm/W	4	0.61	1261
TS776	Imax=22975cd/klm	Imax	20172cd	5	0.76	807

Certificate	Driver	Version	Colour	3000K	4000K
ENEC	EL.	STANDARD		**1E2388**	**1E2389**
	DALI	STANDARD		**1E2388DA**	**1E2389DA**
	EL.	ANTI-SLIP GLASS		**1E2388AS**	**1E2389AS**
	DALI	ANTI-SLIP GLASS		**1E2388DAAS**	**1E2389DAAS**

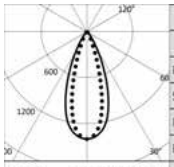
LED / 11W / FL



	3000K		H(m)	D(m)	Emax(lx)
	Ra80			28°	
	Fixture Power	15W	1	0.50	2508
	Source Flux	878lm	2	1.00	627
	Fixture Flux	636lm	3	1.49	279
	Efficacy	44lm/W	4	1.99	157
TS777	Imax=2857cd/klm	Imax	2508cd	5	2.49	100

Certificate	Driver	Version	Colour	3000K	4000K
ENEC	EL.	STANDARD		**1E2390**	**1E2391**
	DALI	STANDARD		**1E2390DA**	**1E2391DA**
	EL.	ANTI-SLIP GLASS		**1E2390AS**	**1E2391AS**
	DALI	ANTI-SLIP GLASS		**1E2390DAAS**	**1E2391DAAS**

LED / 11W / FL RECTANGLE



	3000K		H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80			43°	30°	
	Fixture Power	15W	1	0.79	0.54	1228
	Source Flux	878lm	2	1.58	1.08	307
	Fixture Flux	582lm	3	2.36	1.62	136
	Efficacy	40lm/W	4	3.15	2.15	77
TS778	Imax=1398cd/klm	Imax	1228cd	5	3.94	2.69	49

Certificate	Driver	Version	Colour	3000K	4000K
ENEC	EL.	STANDARD		**1E2392**	**1E2393**
	DALI	STANDARD		**1E2392DA**	**1E2393DA**
	EL.	ANTI-SLIP GLASS		**1E2392AS**	**1E2393AS**
	DALI	ANTI-SLIP GLASS		**1E2392DAAS**	**1E2393DAAS**

Note

All lighting fixtures have to be completed with installation sleeves.

Copper bronze version: to order this version it is necessary to add the suffix “CB” to the end of the standard code.

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 which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Related codes

Sleeve

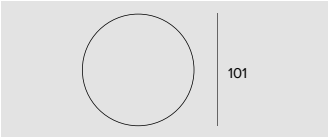
	Code
	1E2394

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.

KEPLERO

Accessories

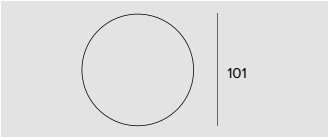
Filter



Ø	Code
101	**1T1696**

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.

Grid



Ø	Code
101	**1T1699**

Anti-glare louver.
Black painted metal honeycomb structure.

Shutter

Colour	Code
●	**1E2402**

Half-moon shutter.

Tool

Code
1E2496

Metal handle for fixture removal

Code
1E2495

Features TORX HEAD, TX 30.

Code
1E0388

Sucker tool to raise the glass.

Connector

Code
1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm^2.
Cable diameter range from 7 to 12mm.

Code
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

Outdoor

KEPLERO

Control systems

	Code
	1E3048

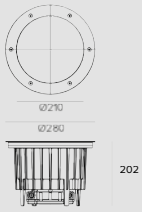
A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.

	Code
	1E3049

IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

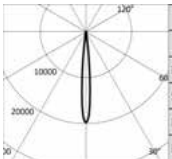
KEPLERO

Gimbal HP



LED / 32W / NSP

IP66 IP67 IP68 IK10

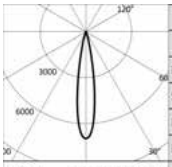


	3000K		H(m)	D(m)	Emax(lx)
	Ra80			10°	
	Fixture Power	36W	1	0.17	83290
	Source Flux	4224lm	2	0.34	20822
	Fixture Flux	3517lm	3	0.51	9254
	Efficacy	97lm/W	4	0.68	5206
TS1695	Imax=19718cd/klm	Imax	83290cd	5	0.85	3332

Driver	Version	Colour	3000K	4000K
EL.	STANDARD		**1E3050**	**1E3053**
DALI	STANDARD		**1E3050DA**	**1E3053DA**
EL.	ANTI-SLIP GLASS		**1E3050AS**	**1E3053AS**
DALI	ANTI-SLIP GLASS		**1E3050DAAS**	**1E3053DAAS**

LED / 32W / SP

IP66 IP67 IP68 IK10

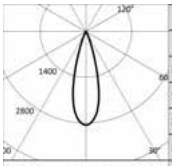


	3000K		H(m)	D(m)	Emax(lx)
	Ra80			18°	
	Fixture Power	36W	1	0.31	29394
	Source Flux	4224lm	2	0.63	7349
	Fixture Flux	3467lm	3	0.94	3266
	Efficacy	96lm/W	4	1.26	1837
TS1696	Imax=6959cd/klm	Imax	29394cd	5	1.57	1176

Driver	Version	Colour	3000K	4000K
EL.	STANDARD		**1E3051**	**1E3054**
DALI	STANDARD		**1E3051DA**	**1E3054DA**
EL.	ANTI-SLIP GLASS		**1E3051AS**	**1E3054AS**
DALI	ANTI-SLIP GLASS		**1E3051DAAS**	**1E3054DAAS**

LED / 32W / FL

IP66 IP67 IP68 IK10



	3000K		H(m)	D(m)	Emax(lx)
	Ra80			29°	
	Fixture Power	36W	1	0.52	12080
	Source Flux	4224lm	2	1.04	3020
	Fixture Flux	3274lm	3	1.56	1342
	Efficacy	90lm/W	4	2.08	755
TS1697	Imax=2860cd/klm	Imax	12080cd	5	2.60	483

Driver	Version	Colour	3000K	4000K
EL.	STANDARD		**1E3052**	**1E3055**
DALI	STANDARD		**1E3052DA**	**1E3055DA**
EL.	ANTI-SLIP GLASS		**1E3052AS**	**1E3055AS**
DALI	ANTI-SLIP GLASS		**1E3052DAAS**	**1E3055DAAS**

Note

All lighting fixtures have to be completed with installation sleeves.

Copper bronze version: to order this version it is necessary to add the suffix “CB” to the end of the standard code.

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.

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.

Outdoor

KEPLERO

Accessories

Tool

Code
1E2496

Metal handle for fixture removal

Code
1E2495

Features TORX HEAD, TX 30.

Code
1E0388

Sucker tool to raise the glass.

Connector

Code
1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm^2.
Cable diameter range from 7 to 12mm.

Code
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

Control systems

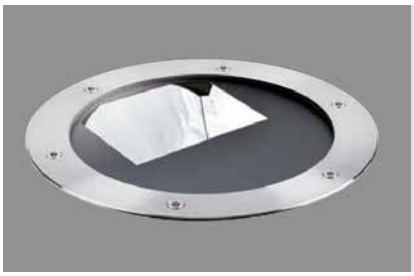
Code
1E3048

A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.

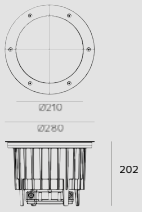
Code
1E3049

IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

KEPLERO

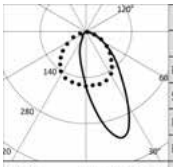


Wall Washer



LED / 33W

IP66 IP67 IP68 IK10



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			38°	100°	
Fixture Power	36W	1	0.80	2.51	1355
Source Flux	4550lm	2	1.60	5.02	339
Fixture Flux	2318lm	3	2.39	7.53	151
Efficacy	65lm/W	4	3.19	10.04	85
Imax	1790cd	5	3.99	12.55	54

TS853 Imax=393cd/klm

Certificate	Driver	Version	Colour	3000K	4000K
ENEC	EL.	STANDARD		**1E2561**	**1E2562**
	DALI	STANDARD		**1E2561DA**	**1E2562DA**
	EL.	ANTI-SLIP GLASS		**1E2561AS**	**1E2562AS**
	DALI	ANTI-SLIP GLASS		**1E2561DAAS**	**1E2562DAAS**

Note

All lighting fixtures have to be completed with installation sleeves.

Copper bronze version: to order this version it is necessary to add the suffix “CB” to the end of the standard code.

IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).

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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

Tool

	Code
	1E2495

Features TORX HEAD, TX 30.

	Code
	1E2496

Metal handle for fixture removal

KEPLERO

Code
1E0388

Sucker tool to raise the glass.

Connector

Code
1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm^2.
Cable diameter range from 7 to 12mm.

Code
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

Control systems

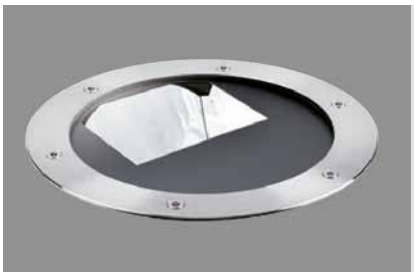
Code
1E3048

A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.

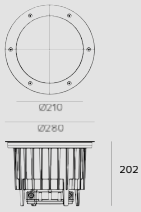
Code
1E3049

IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

KEPLERO



Wall Washer RGBW



LED RGBW / 49W

		H(m)	D1(m)	D2(m)	Emax(lx)
-			114°	75°	
Fixture Power	56W	1	3.10	2.07	452
Source Flux	1091lm	2	6.19	4.14	113
Fixture Flux	1091lm	3	9.29	6.21	50
Efficacy	19lm/W	4	12.39	8.29	28
Imax	600cd	5	15.48	10.36	18

Driver	Version	Colour	RGBW
EL. DMX	STANDARD		**1E3123**
EL. DMX	ANTI-SLIP GLASS		**1E3123AS**

Note

Photometrics show the maximum emission values of fixtures.

All lighting fixtures have to be completed with installation sleeves.

Copper bronze version: to order this version it is necessary to add the suffix “CB” to the end of the standard code.

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.

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

Tool

Code
1E2496

Metal handle for fixture removal

Code
1E2495

Features TORX HEAD, TX 30.

KEPLERO

Code
1E0388

Sucker tool to raise the glass.

Connector

Code
1E3184

IP68 4-way cable connector (5 pole).

Control systems

Code
1E2767

USB-RDM Programmer code.
DMX-RDM (Remote Device Management) address planner.
Used with the “RDM Targetti” software that can be downloaded for free from the Targetti website download section.
To be used with all RGBW products.
The USB-RDM programmer manages to direct DMX-RDM fixtures if there are no BUFFER or Splitter DMXs on the section.
Please refer to the instructions for more details.

Code
1T1898

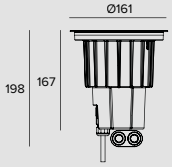
my-SCENARIO Show Store.
Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.
The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.
The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.
The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.
The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.
The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).
The programmed light shows can be transferred to different control interfaces.

Code
1T6499

myScenario Wall.
DMX controller with a glass touch sensitive screen for architectural applications.
It can control two different DMX universes (2x 512 channels).
Stand alone function or connected to a computer using a USB port.
Software for creating scenarios (that can be downloaded from the Targetti website) included.
It can manage 10 different lighting zones and 50 scenarios per zone.
The touch keys on the front make it possible to modify and recall programmed scenarios.
USB cable included.
To be used with all RGB and RGBW products.

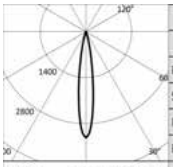
KEPLERO

Mini Zoom

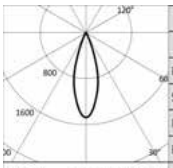


LED / 12W / ZOOM / SP, FL, MWFL, WFL / 220-240Vac

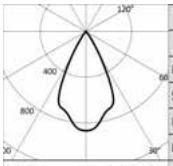
IP66 IP67 IP68 IK10



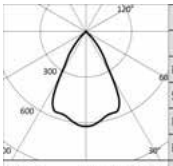
3000K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	14W	1	0.27	5715
Source Flux	1775lm	2	0.54	1429
Fixture Flux	610lm	3	0.82	635
Efficacy	45lm/W	4	1.09	357
TS815 Imax=3220cd/klm	Imax	5	1.36	229



3000K		H(m)	D(m)	Emax(lx)
Ra80			32°	
Fixture Power	14W	1	0.58	2608
Source Flux	1775lm	2	1.15	652
Fixture Flux	809lm	3	1.73	290
Efficacy	60lm/W	4	2.30	163
TS816 Imax=1469cd/klm	Imax	5	2.88	104



3000K		H(m)	D(m)	Emax(lx)
Ra80			53°	
Fixture Power	14W	1	0.99	1536
Source Flux	1775lm	2	1.98	384
Fixture Flux	1045lm	3	2.97	171
Efficacy	77lm/W	4	3.95	96
TS817 Imax=866cd/klm	Imax	5	4.94	61

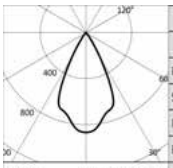


3000K		H(m)	D(m)	Emax(lx)
Ra80			61°	
Fixture Power	14W	1	1.18	1102
Source Flux	1775lm	2	2.37	276
Fixture Flux	1127lm	3	3.55	122
Efficacy	83lm/W	4	4.74	69
TS818 Imax=621cd/klm	Imax	5	5.92	44

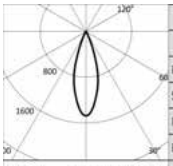
Certificate	Driver	Colour	3000K	4000K
ENEC	EL.		**1E2497**	**1E2498**
	DALI		**1E2497DA**	**1E2498DA**

LED / 12W / ZOOM / SP, FL, MWFL, WFL / 48Vdc

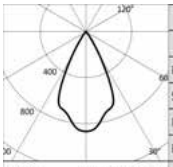
IP66 IP67 IP68 IK10 ENEC



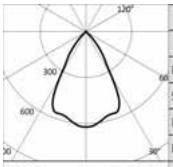
3000K		H(m)	D(m)	Emax(lx)
Ra80			53°	
Fixture Power	13W	1	0.99	1536
Source Flux	1775lm	2	1.98	384
Fixture Flux	1045lm	3	2.97	171
Efficacy	84lm/W	4	3.95	96
TS817 Imax=866cd/klm	Imax	5	4.94	61



3000K		H(m)	D(m)	Emax(lx)
Ra80			32°	
Fixture Power	13W	1	0.58	2608
Source Flux	1775lm	2	1.15	652
Fixture Flux	809lm	3	1.73	290
Efficacy	65lm/W	4	2.30	163
TS816 Imax=1469cd/klm	Imax	5	2.88	104



3000K		H(m)	D(m)	Emax(lx)
Ra80			53°	
Fixture Power	13W	1	0.99	1536
Source Flux	1775lm	2	1.98	384
Fixture Flux	1045lm	3	2.97	171
Efficacy	84lm/W	4	3.95	96
TS817 Imax=866cd/klm	Imax	5	4.94	61



3000K		H(m)	D(m)	Emax(lx)
Ra80			61°	
Fixture Power	13W	1	1.18	1102
Source Flux	1775lm	2	2.37	276
Fixture Flux	1127lm	3	3.55	122
Efficacy	90lm/W	4	4.74	69
TS818 Imax=621cd/klm	Imax	5	5.92	44

Certificate	Colour	3000K	4000K
ENEC		**1E2499**	**1E2500**

Note

All lighting fixtures have to be completed with installation sleeves and decorative ring.

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 which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Outdoor

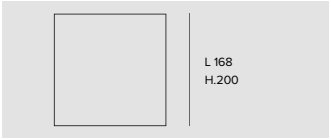
KEPLERO

Related codes

Sleeve

Ø	H	Code
166	200	**1E2521**

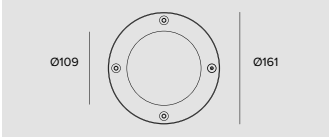
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	**1E2522**

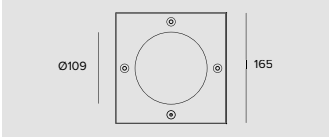
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



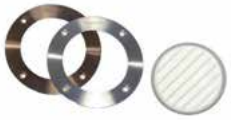
Colour	Code
	1E2525
	1E2525CB

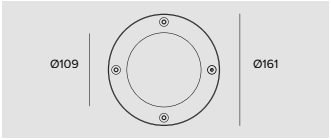
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.



Code
1E2526

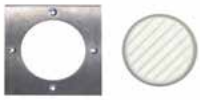
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.

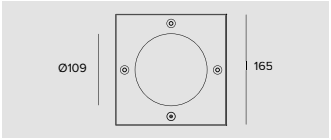




Colour	Code
	1E2525AS
	1E2525ASCB

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

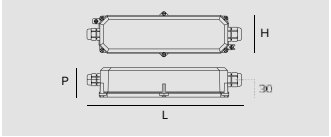




Code
1E2526AS

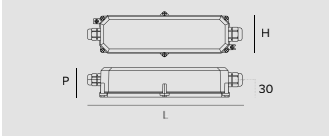
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

Power Supply



Code
1E2320

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 0.5m (IN and OUT).



Code
1E2321

Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 0.5m (IN and OUT).

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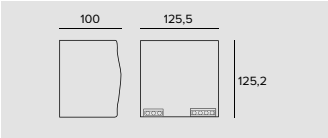
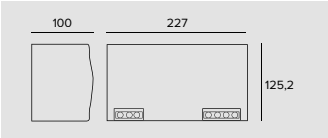


Code
1E2533

Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.



Code
1E2323

Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.

Note

The drivers selected by Targetti make the fixtures “Safe Flicker”.

Accessories

Filter

Ø	Code
70	**1T1708**

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.
To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9, CCTEVO Extractable 162 and Keplero Mini HE.

Grid

Ø	Code
70	**1T1711**

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9, CCTEVO Extractable 162 and Keplero Mini HE.

Shutter

Colour	Code
●	**1E2523**

Black half-moon shutter.

Tool

Code
1E0388

Sucker tool to raise the glass.

Code
1E2495

Features TORX HEAD, TX 30.

Code
1E2524

Metal handle for fixture removal

Outdoor

KEPLERO

Connector

Code
1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm^2.
Cable diameter range from 7 to 12mm.

Code
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

Control systems

Code
1E3048

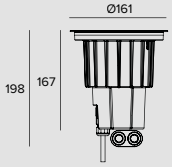
A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.

Code
1E3049

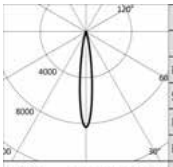
IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

KEPLERO

Mini Gimbal



LED / 8,2W / GIMBAL / SP / 220-240Vac

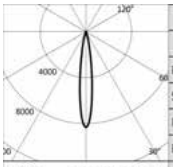


3000K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	11W	1	0.26	8322
Source Flux	1002lm	2	0.51	2081
Fixture Flux	788lm	3	0.77	925
Efficacy	74lm/W	4	1.02	520
Imax	8322cd	5	1.28	333

TS1542 Imax=8306cd/klm

Certificate	Driver	Colour	3000K	4000K
ENEC	EL.		**1E2501**	**1E2502**
	DALI		**1E2501DA**	**1E2502DA**

LED / 8,2W / GIMBAL / SP / 48Vdc

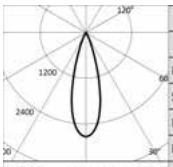


3000K		H(m)	D(m)	Emax(lx)
Ra80			15°	
Fixture Power	9W	1	0.26	8322
Source Flux	1002lm	2	0.51	2081
Fixture Flux	788lm	3	0.77	925
Efficacy	87lm/W	4	1.02	520
Imax	8322cd	5	1.28	333

TS1542 Imax=8306cd/klm

Certificate	Colour	3000K	4000K
ENEC		**1E2505**	**1E2506**

LED / 8,2W / GIMBAL / FL / 220-240Vac

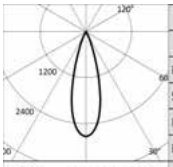


3000K		H(m)	D(m)	Emax(lx)
Ra80			29°	
Fixture Power	11W	1	0.53	2729
Source Flux	1002lm	2	1.05	682
Fixture Flux	746lm	3	1.58	303
Efficacy	70lm/W	4	2.10	171
Imax	2729cd	5	2.63	109

TS1543 Imax=2724cd/klm

Certificate	Driver	Colour	3000K	4000K
ENEC	EL.		**1E2503**	**1E2504**
	DALI		**1E2503DA**	**1E2504DA**

LED / 8,2W / GIMBAL / FL / 48Vdc



3000K		H(m)	D(m)	Emax(lx)
Ra80			29°	
Fixture Power	9W	1	0.53	2729
Source Flux	1002lm	2	1.05	682
Fixture Flux	746lm	3	1.58	303
Efficacy	82lm/W	4	2.10	171
Imax	2729cd	5	2.63	109

TS1543 Imax=2724cd/klm

Certificate	Colour	3000K	4000K
ENEC		**1E2507**	**1E2508**

Note

All lighting fixtures have to be completed with installation sleeves and decorative ring.

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 which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

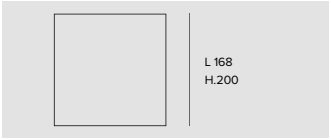
KEPLERO

Related codes

Sleeve

Ø	H	Code
166	200	**1E2521**

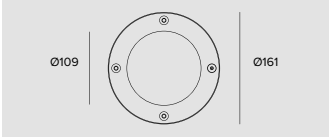
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	**1E2522**

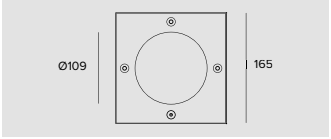
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



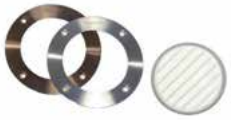
Colour	Code
	1E2525
	1E2525CB

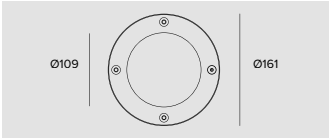
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.



Code
1E2526

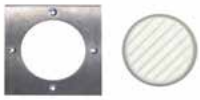
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.

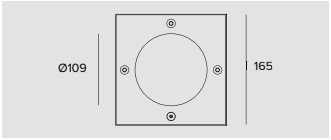




Colour	Code
	1E2525AS
	1E2525ASCB

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

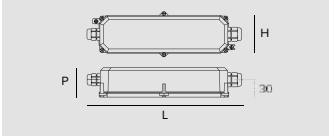




Code
1E2526AS

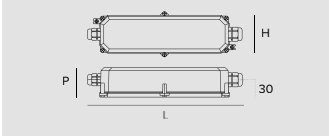
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

Power Supply



Code
1E2320

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 0.5m (IN and OUT).



Code
1E2321

Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 0.5m (IN and OUT).

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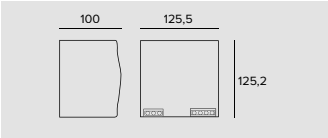
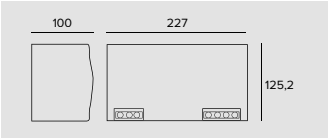


Code
1E2533

Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.



Code
1E2323

Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.

Note

The drivers selected by Targetti make the fixtures “Safe Flicker”.

Accessories

Filter

Ø	Code
70	**1T1708**

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.
To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9, CCTEVO Extractable 162 and Keplero Mini HE.

Grid

Ø	Code
70	**1T1711**

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9, CCTEVO Extractable 162 and Keplero Mini HE.

Shutter

Colour	Code
●	**1E2523**

Black half-moon shutter.

Tool

Code
1E0388

Sucker tool to raise the glass.

Code
1E2495

Features TORX HEAD, TX 30.

Code
1E2524

Metal handle for fixture removal

Outdoor

KEPLERO

Connector

Code
1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm^2.
Cable diameter range from 7 to 12mm.

Code
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

Control systems

Code
1E3048

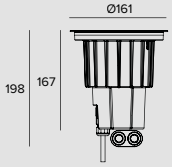
A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.

Code
1E3049

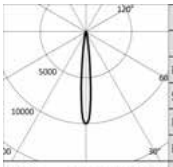
IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

KEPLERO

Mini High Efficacy



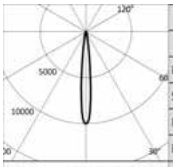
LED / 12W / SP / 220-240Vac



	3000K		H(m)	D(m)	Emax(lx)
	Ra80			11°	
	Fixture Power	14W	1	0.20	17736
	Source Flux	1775lm	2	0.39	4434
	Fixture Flux	1387lm	3	0.59	1971
	Efficacy	103lm/W	4	0.79	1109
TS821	Imax=9992cd/klm	Imax	5	0.99	709

Certificate	Driver	Colour	3000K	4000K
ENEC	EL.		**1E2509**	**1E2510**
	DALI		**1E2509DA**	**1E2510DA**

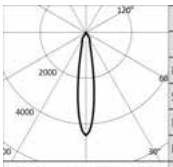
LED / 12W / SP / 48Vdc



	3000K		H(m)	D(m)	Emax(lx)
	Ra80			11°	
	Fixture Power	13W	1	0.20	17736
	Source Flux	1775lm	2	0.39	4434
	Fixture Flux	1387lm	3	0.59	1971
	Efficacy	111lm/W	4	0.79	1109
TS821	Imax=9992cd/klm	Imax	5	0.99	709

Certificate	Colour	3000K	4000K
ENEC		**1E2515**	**1E2516**

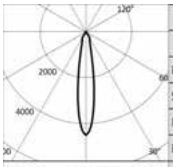
LED / 12W / FL / 220-240Vac



	3000K		H(m)	D(m)	Emax(lx)
	Ra80			18°	
	Fixture Power	14W	1	0.31	7969
	Source Flux	1775lm	2	0.63	1992
	Fixture Flux	1397lm	3	0.94	885
	Efficacy	104lm/W	4	1.25	498
TS822	Imax=4490cd/klm	Imax	5	1.57	319

Certificate	Driver	Colour	3000K	4000K
ENEC	EL.		**1E2511**	**1E2512**
	DALI		**1E2511DA**	**1E2512DA**

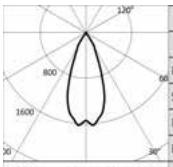
LED / 12W / FL / 48Vdc



	3000K		H(m)	D(m)	Emax(lx)
	Ra80			18°	
	Fixture Power	13W	1	0.31	7969
	Source Flux	1775lm	2	0.63	1992
	Fixture Flux	1397lm	3	0.94	885
	Efficacy	112lm/W	4	1.25	498
TS822	Imax=4490cd/klm	Imax	5	1.57	319

Certificate	Colour	3000K	4000K
ENEC		**1E2517**	**1E2518**

LED / 12W / MWFL / 220-240Vac

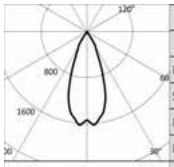


	3000K		H(m)	D(m)	Emax(lx)
	Ra80			40°	
	Fixture Power	14W	1	0.73	2861
	Source Flux	1775lm	2	1.47	715
	Fixture Flux	1384lm	3	2.20	318
	Efficacy	102lm/W	4	2.93	179
TS823	Imax=1624cd/klm	Imax	5	3.67	114

Certificate	Driver	Colour	3000K	4000K
ENEC	EL.		**1E2513**	**1E2514**
	DALI		**1E2513DA**	**1E2514DA**

KEPLERO

LED / 12W / MWFL / 48Vdc



3000K		H(m)	D(m)	Emax(lx)
Ra80			40°	
Fixture Power	13W	1	0.73	2861
Source Flux	1775lm	2	1.47	715
Fixture Flux	1384lm	3	2.20	318
Efficacy	111lm/W	4	2.93	179
Imax	2882cd	5	3.67	114

Certificate	Colour	3000K	4000K
ENEC		**1E2519**	**1E2520**

Note

All lighting fixtures have to be completed with installation sleeves and decorative ring.

IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).

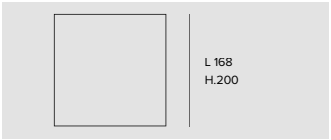
All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Related codes

Sleeve

Ø	H	Code
166	200	**1E2521**

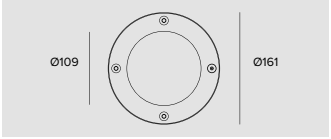
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	**1E2522**

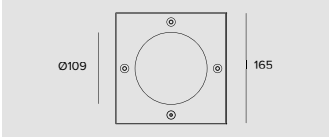
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



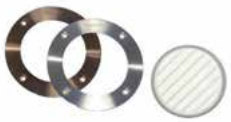
Colour	Code
	1E2525
	1E2525CB

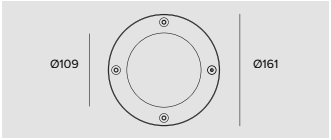
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.



Code
1E2526

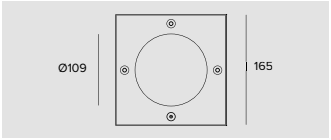
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.





Colour	Code
	1E2525AS
	1E2525ASCB

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

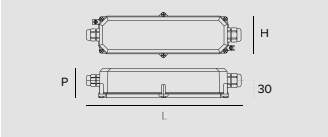


Code
1E2526AS

Brushed stainless steel (AISI316L), ultra flat square decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

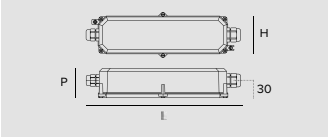
KEPLERO

Power Supply



Code
1E2320

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 0.5m (IN and OUT).

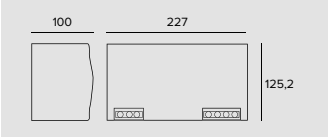


Code
1E2321

Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 0.5m (IN and OUT).

Code
1E2533

Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.



Code
1E2323

Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.

Note

The drivers selected by Targetti make the fixtures “Safe Flicker”.

Accessories

Filter

Ø	Code
70	**1T1708**

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.
To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9, CCTEVO Extractable 162 and Keplero Mini HE.

Grid

Ø	Code
70	**1T1711**

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring for Cloud, Ray Mini, Store, Label 9, CCTEVO Extractable 162 and Keplero Mini HE.

Shutter

Colour	Code
●	**1E2523**

Black half-moon shutter.

Holder Ring

Code
1T3727

Transparent polycarbonate accessory holder ring.

KEPLERO

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 1.5mm^2.
Cable diameter range from 7 to 12mm.

Code
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

Control systems

Code
1E3048

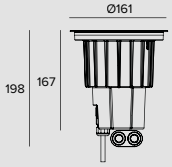
A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.

Code
1E3049

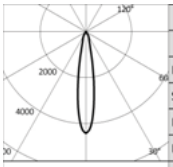
IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

KEPLERO

Mini High Efficacy RGBW



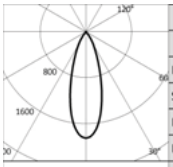
LED RGBW / 15W / SP



		-		H(m)	D(m)	Emax(lx)
		-			18°	
		Fixture Power	15W	1	0.32	3858
		Source Flux	875lm	2	0.63	965
		Fixture Flux	656lm	3	0.95	429
		Efficacy	43lm/W	4	1.27	241
TS1412	Imax=4407cd/klm	Imax	3858cd	5	1.58	154

Power supply	Colour	RGBW
450mA		**1E3867**

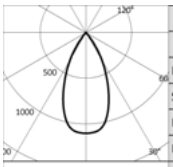
LED RGBW / 15W / FL



		-		H(m)	D(m)	Emax(lx)
		-			33°	
		Fixture Power	15W	1	0.60	1617
		Source Flux	875lm	2	1.20	404
		Fixture Flux	657lm	3	1.80	180
		Efficacy	43lm/W	4	2.40	101
TS1413	Imax=1847cd/klm	Imax	1617cd	5	3.00	65

Power supply	Colour	RGBW
450mA		**1E3868**

LED RGBW / 15W / MWFL



		-		H(m)	D(m)	Emax(lx)
		-			49°	
		Fixture Power	15W	1	0.91	963
		Source Flux	875lm	2	1.82	241
		Fixture Flux	647lm	3	2.73	107
		Efficacy	42lm/W	4	3.64	60
TS1414	Imax=1100cd/klm	Imax	963cd	5	4.56	39

Power supply	Colour	RGBW
450mA		**1E3869**

Note

Photometrics show the maximum emission values of fixtures.

All lighting fixtures have to be completed with installation sleeves and decorative ring.

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 which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.

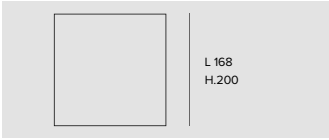
KEPLERO

Related codes

Sleeve

Ø	H	Code
166	200	**1E2521**

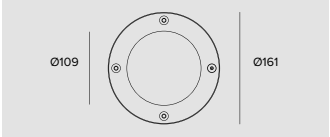
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	**1E2522**

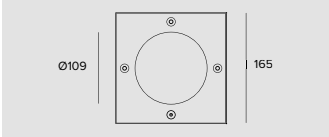
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



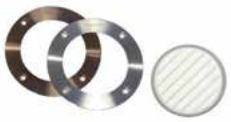
Colour	Code
	1E2525
	1E2525CB

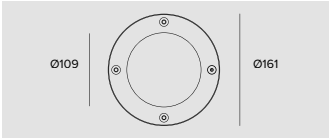
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.



Code
1E2526

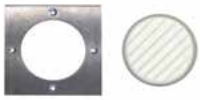
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.

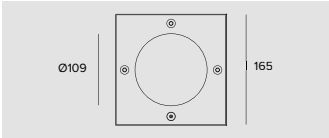




Colour	Code
	1E2525AS
	1E2525ASCB

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

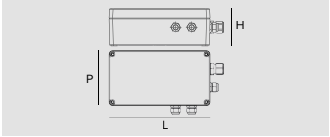




Code
1E2526AS

Brushed stainless steel (AISI316L), ultra flat square decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

Power Supply



Code
1E3881

DMX 4 channel driver.
LxHxP=220x80x120mm, IP68, 110-277Vac.

KEPLERO

Accessories

Tool

Code
1E0388

Sucker tool to raise the glass.

Code
1E2495

Features TORX HEAD, TX 30.

Code
1E2524

Metal handle for fixture removal

Control systems

Code
1E2767

USB-RDM Programmer code.
DMX-RDM (Remote Device Management) address planner.
Used with the “RDM Targetti” software that can be downloaded for free from the Targetti website download section.
To be used with all RGBW products.
The USB-RDM programmer manages to direct DMX-RDM fixtures if there are no BUFFER or Splitter DMXs on the section.
Please refer to the instructions for more details.

Code
1T1898

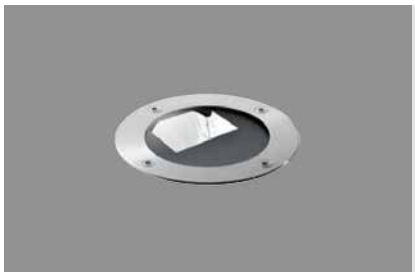
my-SCENARIO Show Store.
Digital devices designed to control dynamic lighting fixtures and programme dynamic light scenarios and sequences.
The system consists of intuitive software, compatible with Windows operating systems, able to control different hardware devices with the following functions: - record colour-changing scenarios set by the operator; - allow selection among the multiple scenarios already recorded; - transmit the control signals to the lighting system.
The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.
The software provides a graphic simulation of the operating keys of a lighting controller; the patching function allows the DMX control channels to be assigned to fixtures by using the internal library.
The Colour Manager function allows for quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times.
The built-in calendar allows full time scheduling of show playback (month, day, hour, minutes, recurring events).
The programmed light shows can be transferred to different control interfaces.

Code
1T6499

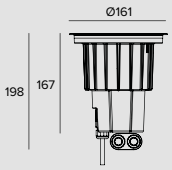
myScenario Wall.
DMX controller with a glass touch sensitive screen for architectural applications.
It can control two different DMX universes (2x 512 channels).
Stand alone function or connected to a computer using a USB port.
Software for creating scenarios (that can be downloaded from the Targetti website) included.
It can manage 10 different lighting zones and 50 scenarios per zone.
The touch keys on the front make it possible to modify and recall programmed scenarios.
USB cable included.
To be used with all RGB and RGBW products.

Outdoor

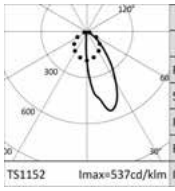
KEPLERO



Mini Wall Washer



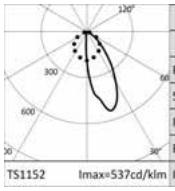
LED / 12W / WALL WASHER / 220-240Vac



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			34°	84°	
Fixture Power	14W	1	0.70	1.87	877
Source Flux	1852lm	2	1.40	3.75	219
Fixture Flux	933lm	3	2.10	5.62	97
Efficacy	67lm/W	4	2.81	7.49	55
Imax	994cd	5	3.51	9.36	35

Driver	Colour	3000K	4000K
EL.		**1E3517**	**1E3518**
DALI		**1E3517DA**	**1E3518DA**

LED / 12W / WALL WASHER / 48Vdc



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			34°	84°	
Fixture Power	13W	1	0.70	1.87	877
Source Flux	1852lm	2	1.40	3.75	219
Fixture Flux	933lm	3	2.10	5.62	97
Efficacy	75lm/W	4	2.81	7.49	55
Imax	994cd	5	3.51	9.36	35

Colour	3000K	4000K
	1E3519	**1E3520**

Note

All lighting fixtures have to be completed with installation sleeves and decorative ring.

IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).

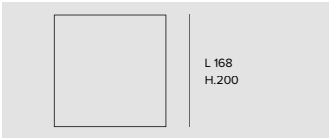
All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Related codes

Sleeve

Ø	H	Code
166	200	**1E2521**

Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.

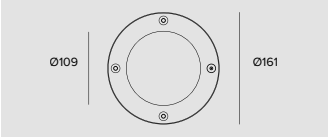


L	H	Code
168	200	**1E2522**

Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

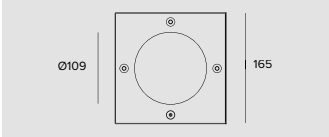
KEPLERO

Decorative Ring



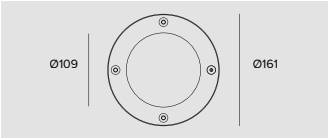
Colour	Code
	1E2525
	1E2525CB

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.



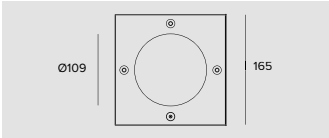
Code
1E2526

Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.



Colour	Code
	1E2525AS
	1E2525ASCB

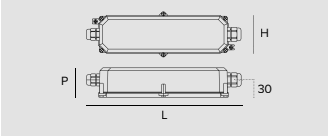
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.



Code
1E2526AS

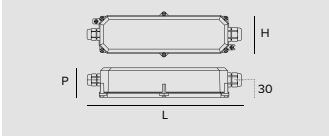
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
Special 10mm thick anti-slip glass for public pedestrian areas.
Silicone gasket.
Anti-theft Torx screws.

Power Supply



Code
1E2320

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 0.5m (IN and OUT).

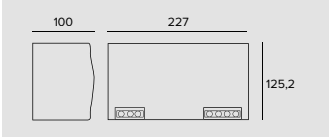


Code
1E2321

Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 0.5m (IN and OUT).

Code
1E2533

Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.



Code
1E2323

Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.

Note

The drivers selected by Targetti make the fixtures “Safe Flicker”.

KEPLERO

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 1.5mm^2.
Cable diameter range from 7 to 12mm.

Code
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 6 to 12mm.

Control systems

Code
1E3048

A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.

Code
1E3049

IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

Requisites and information

All fixtures of the Targetti collection have been designed and produced to comply with European Standard EN60598-1 relative to the safety requisite of light fixtures.

CE **DIRECTIVES EUROPEAN COUNCIL**

All fixtures comply with the following directives:

- EMC Directive 2014/30/EU
- LV Directive 2014/35/EU
- RoHS Directive 2011/65/EU

Unless specified otherwise

- all fixtures are supplied without lamps;
- all fixtures are sold separately;
- all measurements are expressed in millimeters;
- all fixtures at low voltage are supplied without transformer;
- For products in Class III performance is only guaranteed using the electronic power supplies and drivers indicated in the catalogue.

TARGETTI SANKEY SpA
Certificated ISO 9001 n° 9130. TAR1
Certificated ISO 14001 n° IT319206

The Enec mark, ISO9001 and ISO14001 certifications and the CE marking all guarantee that the activities carried out internally in the company are governed and controlled by procedures which assure constant level of quality.

Accredited laboratory in accordance with ISO 17025.

Consorzio ecolight

Targetti Sankey Spa is a member of the Ecolight consortium that was set up in 2004 (D.Lgs. 49/2014) to comply with the provisions of the European Directive that was adopted in Italy as the European Directive 2012/19/EU for WEEE on managing, recovering and treating waste electrical and electronic equipment, used batteries and accumulators in compliance with all applicable legislation.

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Light beam apertures

from	to	beam	
5°	10°	Narrow Spot	**NSP**
11°	25°	Spot	**SP**
26°	40°	Flood	**FL**
41°	50°	Medium Wide Flood	**MWFL**
51°	70°	Wide Flood	**WFL**
71°	120°	Very Wide Flood	**VWFL**
		Wall Washer	**WW**
		Narrow Asymmetric	**N. ASYM**
		Asymmetric	**ASYM**

Icons legend

	Class I luminaire in which the protection against electrical shock is guaranteed by the connections of the conductive elements accessible to a protective conductor (earth connection).
	Luminaire in which the connection to a protective conductor (earth connection) guarantees the immunity to radio noises.
	Class II luminaire (double insulation), protected against the accidental contact with parts under tension from the user.
III	Class III luminaire, suitable for connection to very low voltage circuits.
IP..	Solid particle and liquid ingress protection degree.
IP.. IP..	Protection degree - Recessed part . Protection degree - Exposed part.
IK..	Impact protection degree.
ENEC	ENEC European Norms Electrical Certification.

Particular symbols

0,5	Weight of the single fixture.
	Cable length.
	Walk-over.
	Driver-over safe.
SAFE FLICKER	Fixtures that have parameters below the minimum visibility threshold PstLM≤1 and SVM≤0.4 (IEC TR 61547-1 and IEC TR 63158).
DBS	Dynamic Beam Shaper optical technology with remote management of the beam opening.
Ra	LED with Ra__ where not present in the catalogue, available on request.
	Different colour temperatures available on request.
	Custom finish of your choice from the Targetti Colours range and RAL indicated in the colour chart can be downloaded on line from the download section.
	Treatment carried out on request.
	Supplied on request with an integrated or remote 110-277Vac power supply as indicated for the standard model.
	LED version with a different “Tunable White” tone available on request.

Note

- Please contact us for on demand treatments and versions.
- The performances reported on the products refer to the use of the recommended drivers.
- The drivers selected by Targetti make the fixtures “Safe Flicker”.

June 2023 EN

targetti.com