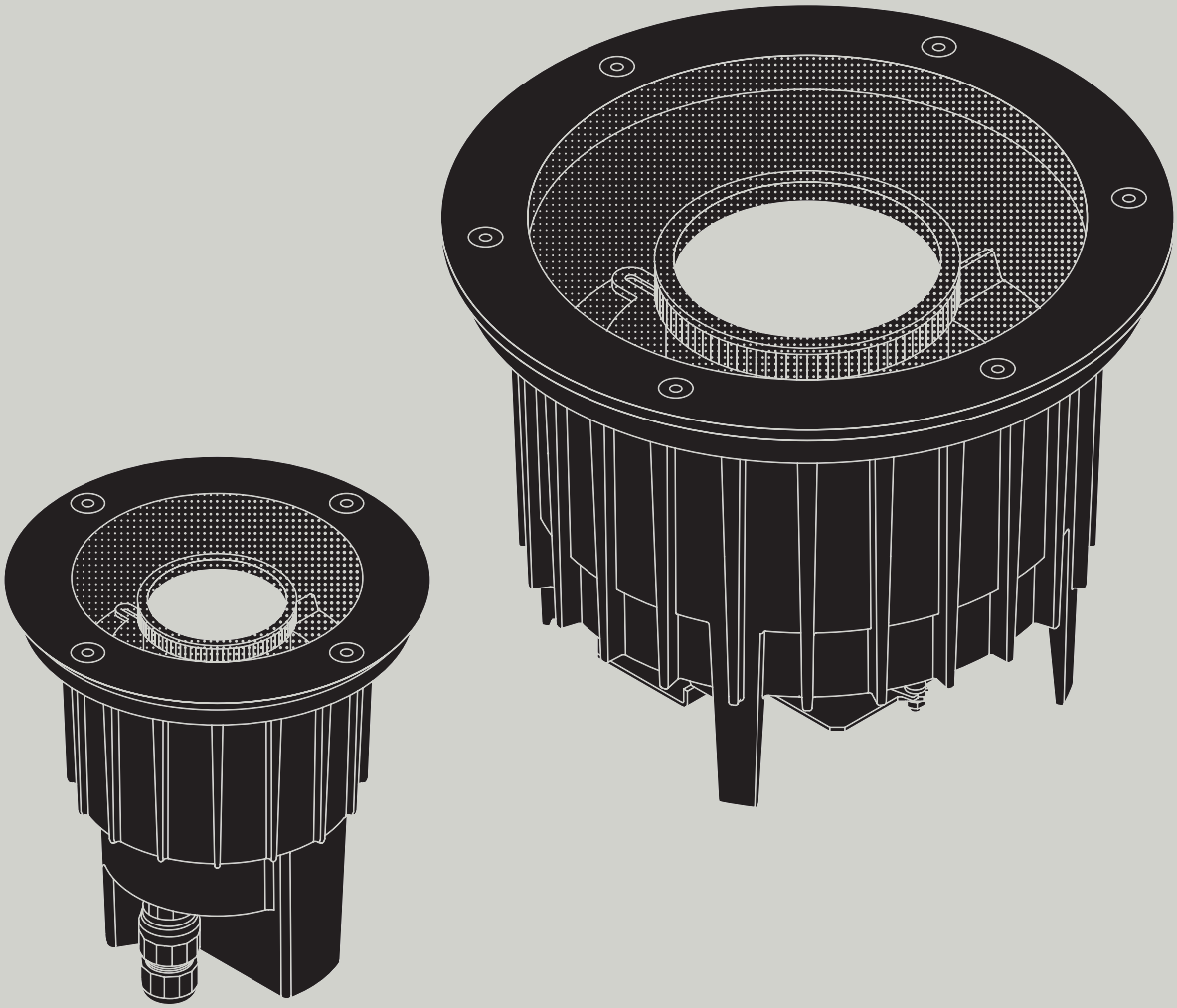
KEPLERO



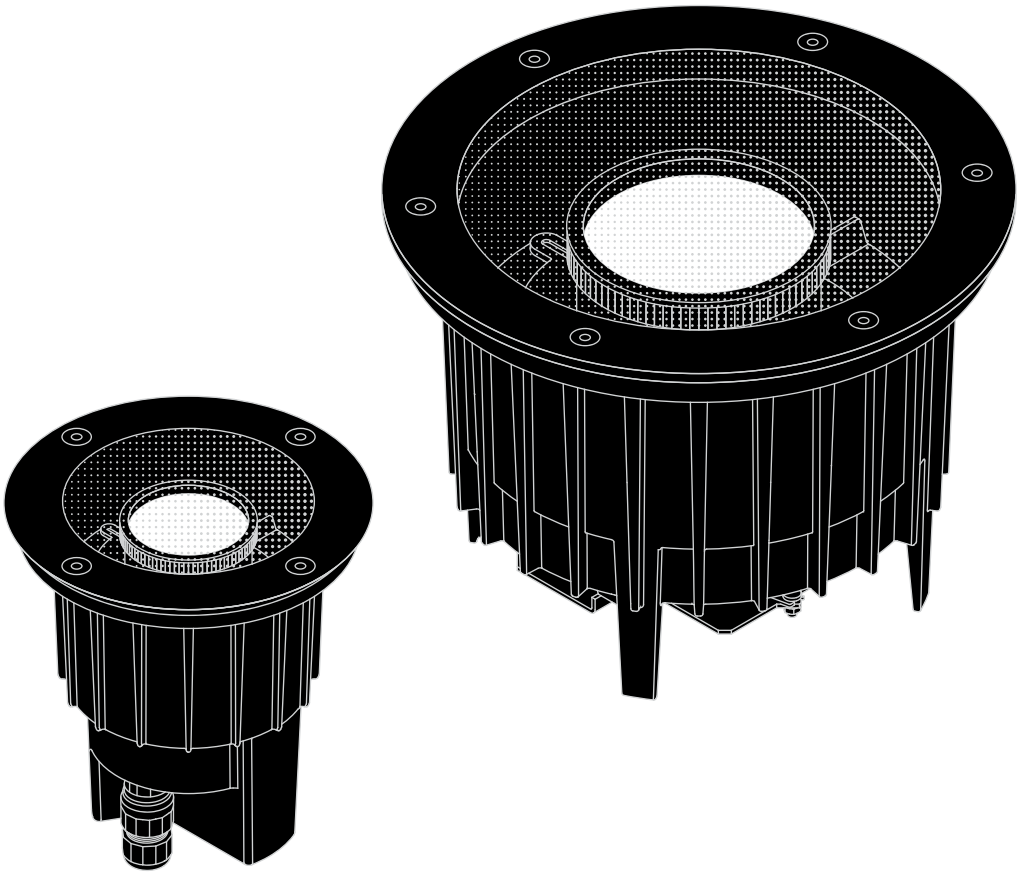
TARGETTI

TARGETTI

Chaoyang Park Plaza

Beijing, China

Architectural Designer Ma Yansong, MAD Architects



The complete range of recessed LED up-lights for outdoor lighting. The two different sizes with a wide range of optics with white and RGBW LED sources and different lumens are the expression of versatility and performance.

KEPLERO

Solidity and sturdiness combined with great application flexibility, make Keplero the ideal tool for any project of outdoor lighting. Keplero was developed to withstand even the most hostile conditions: it features unique mechanical characteristics and flexible optical systems.

GENERAL INFO
Recessed professional projector
ø280mm • ø161mm

LED
Chip on board for ZOOM – WALL WASHER versions
Emitter for RGBW – GIMBAL versions
From 826lm to 4665lm
3000K – 4000K
2700K and 3500K available on request
Ra84

PRODUCT EFFICACY
Up to 106lm/W

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

POWER SUPPLY
Electronic • DALI

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

Keplero

Zoom
Spot, Flood, Medium wide
Flood, Wide flood

Gimbal
Narrow spot, Flood,
Flood rectangle

Gimbal Hp
Narrow spot, Spot, Flood

Wall Washer

<u>A powerful solution</u>

An ideal and flexible choice for lighting large and small public spaces, building façade and trees given its size and high performance.

Keplero Mini

Zoom
Spot, Flood, Medium wide flood, Wide flood

Gimbal
Spot, Flood

<u>Compact version</u>

With only 166mm in diameter and a maximum installation depth of 200mm Keplero Mini takes technology and flexibility from the large version. Its high performances and compact size make it suitable to light outdoor spaces, building façade and small trees.

Hi-Efficacy
Spot, Flood, Medium wide flood

Wall Washer

TARGETTI

Strength, attention to details, performance, flexibility.

Every detail in Keplero has been studied to make the whole range extremely strong, extremely resistant to corrosion, completely waterproof, highly performing and versatile. The selection of the best sources and materials, the development of exclusive optical systems, the cataphoresis treatment, the sealing processes on the electronic and electrical components, the continuos improvements on the entire range, have made Keplero resistant to aggressive environments.
The whole Keplero range complies with IP66, IP67, IP68 and IP69K protection requirements.

Plus

The specifically designed "C" shape gasket holding the glass perfectly insulate the optical chamber guaranteeing the IP69K rate (Compliant with DIN 40050-9). This allows fixtures to withstand high-pressure and steam cleaning.

A Graduated rings help recognising the adjustement for easy pointing repetition.

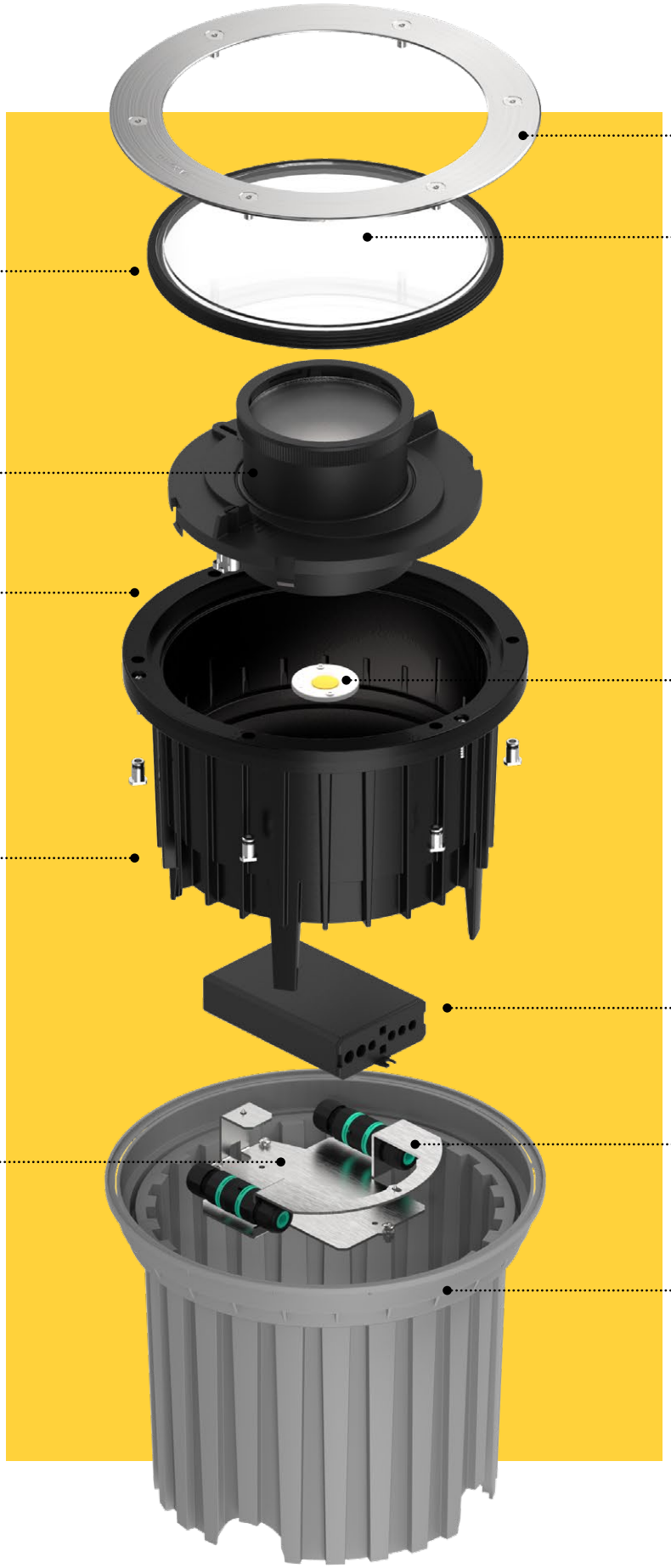
B Special stainless steel inserts - with silicone o-ring - house the fixing screws of the ring thus preventing corrosion deriving from galvanic interactions.

New aluminum "primary alloy" with low copper additives for the diecasted body, increases corrosion resistance. 8µm of anodization, 15/40µm of cataphoresis electro coating and 100µm of polyester black paint on top, grant protection to the entire exposed surfaces Thanks to these treatments Keplero can be used at up to 5 mt from the sea (no immersion), while maintaining the 5-year warranty. Salt spray test resistance 1400h.

The integrated drivers equipping Keplero versions are protected by a special metal plate preventing impacts and damages that can occur during installation.

A

B



AISI 316L Stainless steel ring grants protection from corrosion.

Keplero range features low temperatures on the glass making it suitable even for installation in "special areas", such as spaces for children.
On request Keplero and Keplero Mini can feature an anti-slip glass or a frosted glass.

The whole Keplero range features IK10 (Walk through and Drive through) Compliant with EN 60598-2-3.

The Keplero range is equipped with the latest generation of LED (COB/Emitter) granting excellent constancy of spectrum - only 1,5 McAdam step.

All drivers, internal connections and wiring are immersed in epoxy resins; this makes the whole Keplero range waterproof and prevents the power supply from damages due to rising damp.

Cabling is simply through IP68 connectors that are equipped for IN and OUT looping.

The PVC casing makes installation very easy. It can be ordered in advance and, thanks to the cover provided, it can be put in place without any risk of concrete seeping into it. When the fixture is installed the cover can be easily removed leaving the casing completely clean.

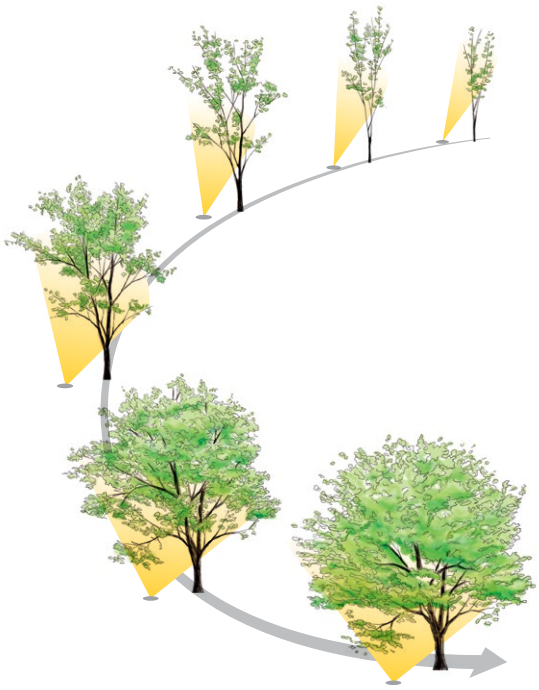
Sage Hill High School

Newport Coast, CA, USA

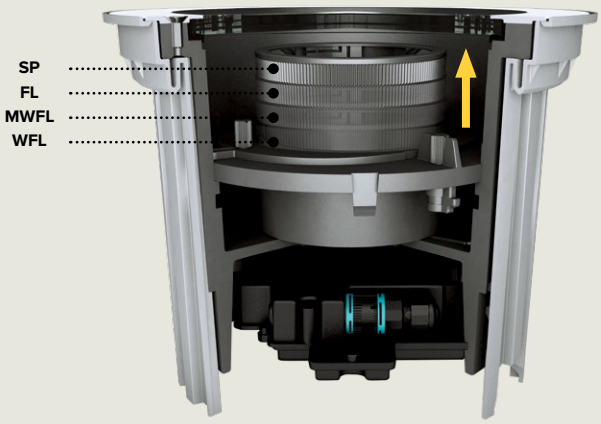
Photography ©SAC Design

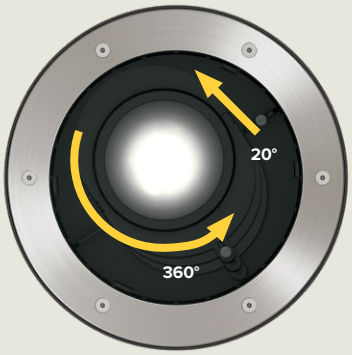
Keplero Zoom and Keplero Mini Zoom

The perfect strength and staticity of an in-ground fixture contrast with the dynamism of a unique optical system that can create numerous light effects. With Keplero Zoom and Keplero Mini Zoom the light can change at any time thanks to its revolutionary patent optical system.

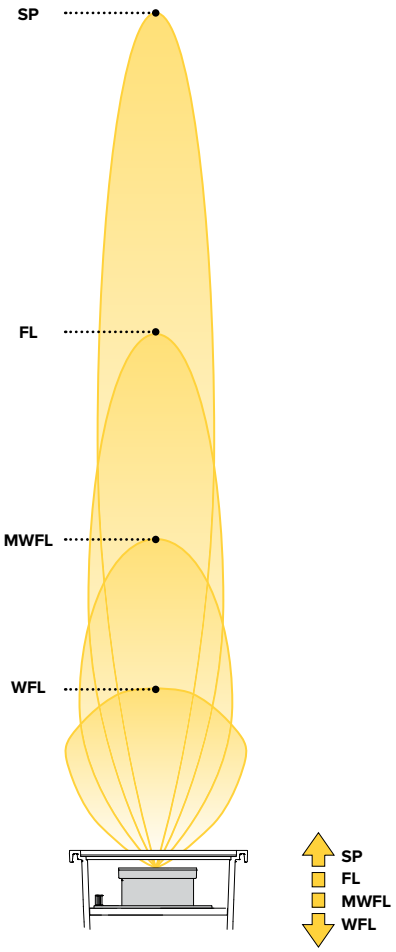


Keplero light just like nature is continuously evolving. The Zoom optic is perfect to light trees even those that have just been planted. At first the effect is concentrated on highlighting the trunk; the tree grows, shoots appear and the optical system takes on a new configuration where the beam opens and lights up the canopy. Nothing can escape the Keplero light that can be adjusted and changed depending on requirements. There are also no harmful UV or IR rays.



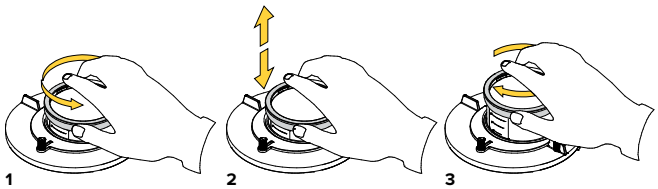


A
Keplero Zoom



The Keplero Zoom versions are equipped with a patented optical system that allows to vary the beam opening by manually moving the optical chamber. In just three simple movements - extraction, translation and rotation - it is possible to vary the beam opening from spot to wide flood and adjust the beam up to 20°. Graduated rings help to recognise the adjustment allowing for easy repetition.

Beam adjustment is obtained in different ways for the two different sizes. In the Keplero (210mm) versions the optical chamber can be translated towards the surface to be adjusted up to 20°. In the Keplero Mini (161 mm) versions the optical chamber is positioned on a gimbal system that allows it to be tilted easily up to 20°. In both versions it is also possible to rotate the optical chamber so that it is parallel with the horizontal plane in order to direct the beam towards any element regardless of its shape or position.



B
Keplero Mini Zoom

Keplero Gimbal and Keplero Mini Gimbal

For absolute precision lighting the Gimbal versions are the ideal solutions. Thanks to their high performance and the adjustability of the optical group, Keplero Gimbal and Keplero Mini Gimbal are professional tools for projected light.

A Three are the optics available for Keplero

- **NSP**
- **FL**
- **FL Rectangle*** (ovalized emission)

* The FL Rectangle optic is the ideal tool for illuminating façades and perimeter walls as it also perfectly illuminate the eaves with no light spillage.

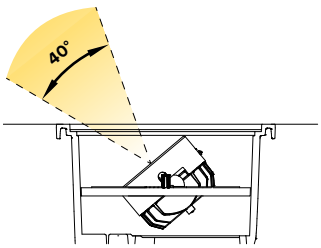
Narrow spot Flood Rectangular

B Two are the optics available for Keplero Mini

- **SP**
- **FL**

The PMMA lenses the LED board is equipped with, combined with a special filter enhance the emission of the sources and make it possible to obtain perfectly clean and precise beams.
This makes Keplero perfect for lighting facades of high-rise buildings especially where particular details can be highlighted with precision.

The Keplero (210mm) version is a real projector thanks to the high performance and the flexibility of its adjustable optical unit of up to 40° with a manual beam locking system.
The Mini version guarantees the same clean beam with lower power and high performance.
The optical chamber can be adjusted up to 20°.



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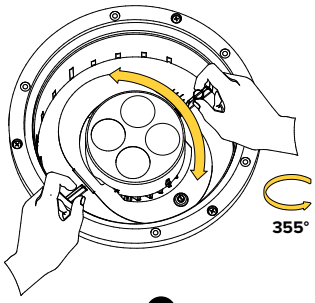

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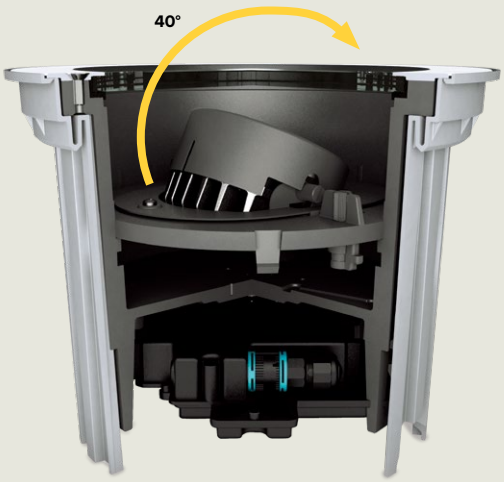


A
Keplero Gimbal

B
Keplero Mini Gimbal

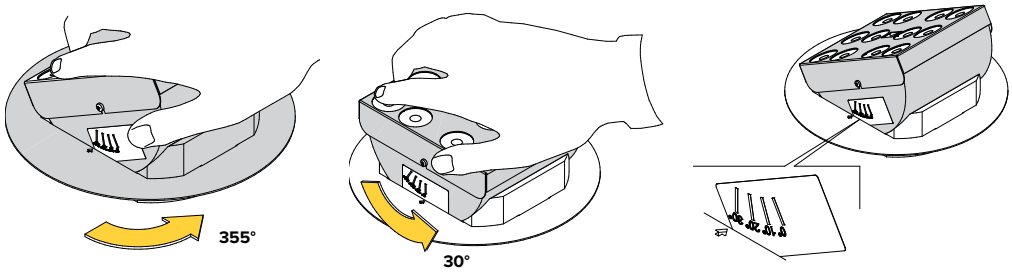
Keplero Gimbal HP

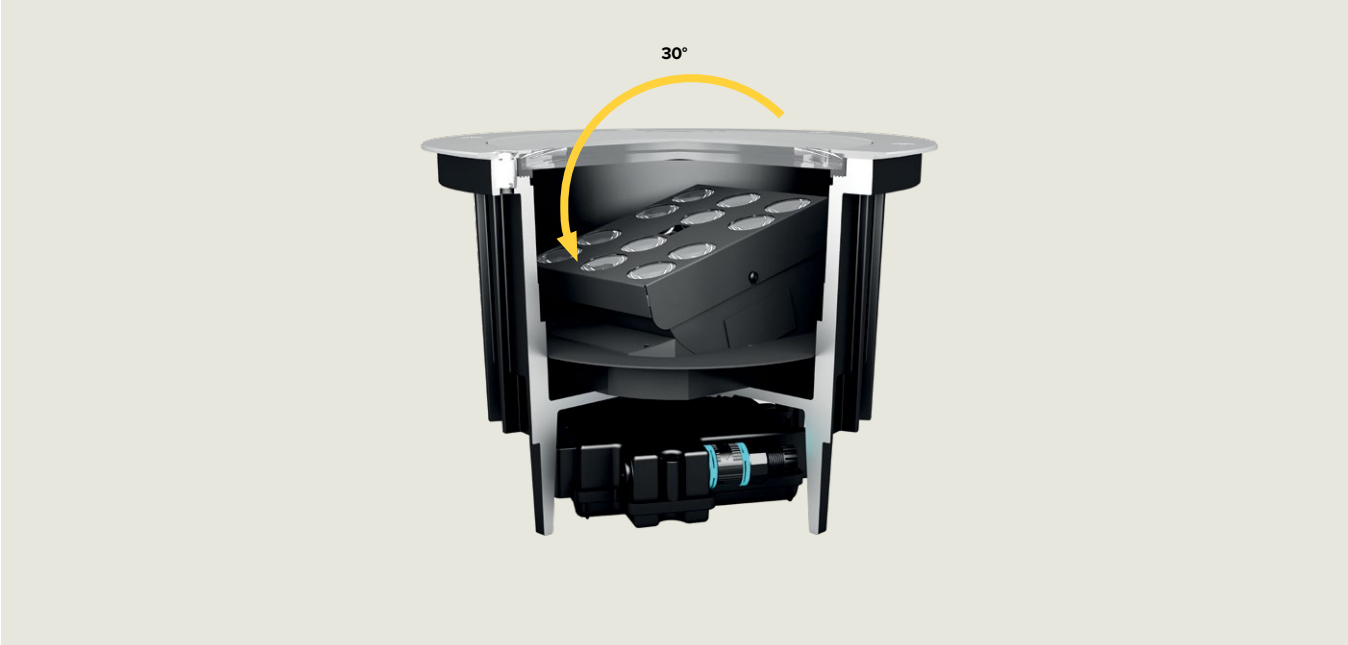
The Keplero Gimbal HP versions are designed to produce high intensity narrow beams and are the ideal solution for precision lighting even from long distances.

Three are the optics

- **NSP**
- **SP**
- **FL**

The optical unit can be adjusted to meet different project needs. the Gimbal system allows to tilt the beam angle up to 30° and the optical unit can be rotated by 355°.





Grand Candela Memorial

El Paso, TX, USA

Photography ©Jonnu Singleton/SWA

Lighting Designer HLB Lighting Design
Landscape Architect SWA

The Pools

Irvine, CA, USA

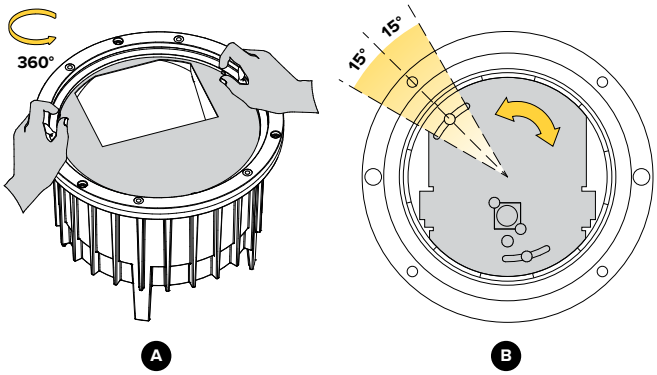
Photography ©Brad Nelson

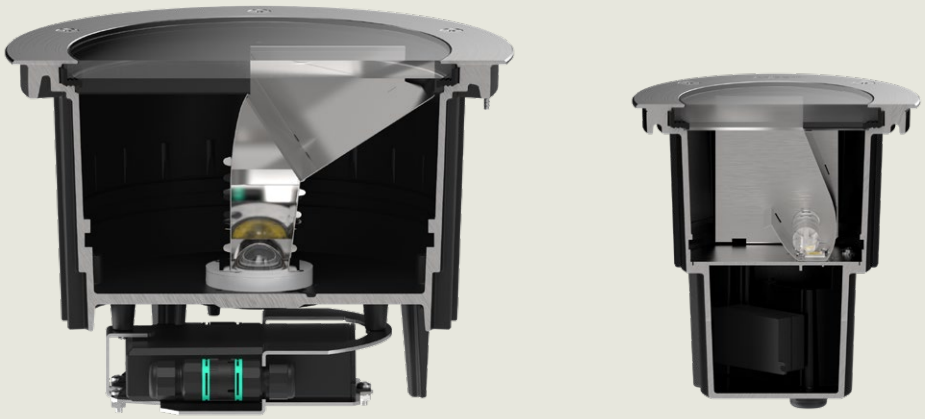
Lighting Designer StudioK1

Keplero Wall Washer and Keplero Mini Wall Washer

The Keplero Wall Washer versions provide uniform lighting on vertical surfaces. The hybrid optical system, composed of a lens, an holographic filter and specially designed reflector, not only ensure complete uniformity on vertical surfaces but also that the light is grazing very close to the floor.

Keplero Mini Wall Washer is equipped with an optical system that, in addition to allowing for excellent uniformity of the lighting effect, guarantees installation flexibility.
The support plate of the optical system can be rotated by +/-15° in order to precisely adjust the parallelism of the beam with the surface to be lit.





A Keplero Wall Washer

B Keplero Mini Wall Washer

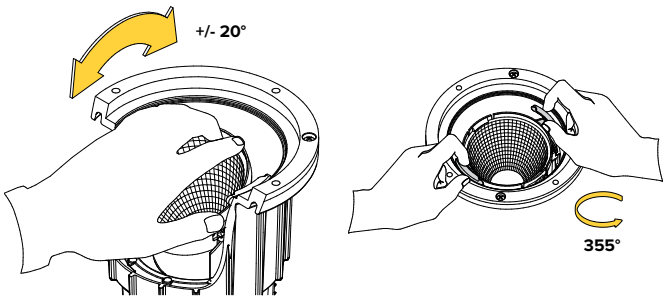
Keplero Mini High Efficacy

The Keplero Mini range also includes high efficacy versions that with very low power ensure extremely high performance. The different high-specular reflectors in polycarbonate focus the emission of one of the most high-performance and top quality LED COB on the market. A soft, high performance beam for the simpler, more powerful version in the Keplero Mini range.

Three are the optics

- **SP**
- **FL**
- **MWFL**

The optic system can be adjusted up to +/- 20° on the vertical plan and up to 355° on the horizontal plan with a friction locking mechanism.



Piazza della Libertà

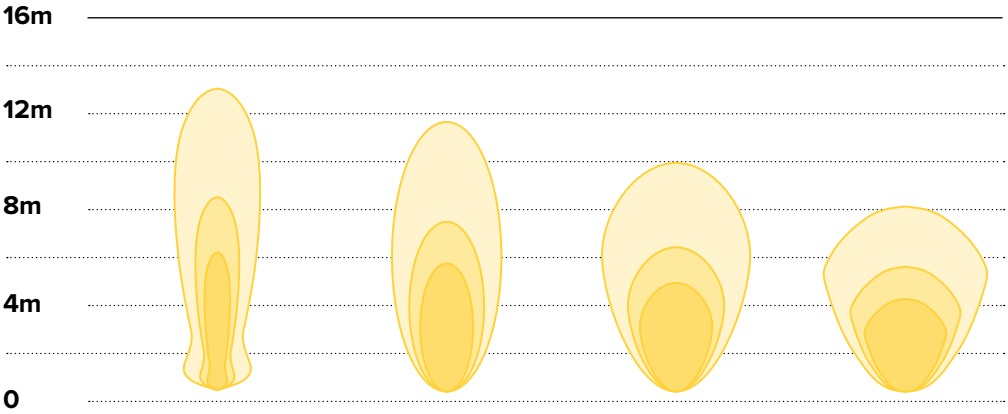
Certaldo, Firenze, Italia

Photographer Ivan Rossi

UniCredit

Project Guide

Zoom



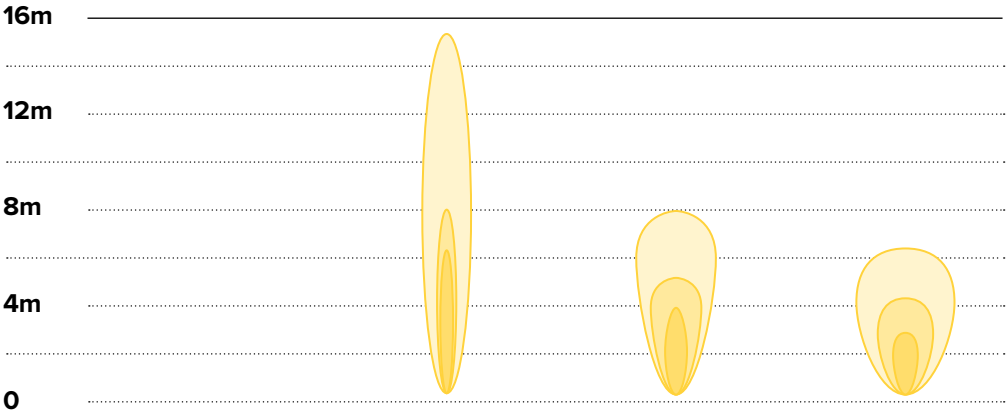
SP
Beam angle 19°
Fixture Flux 1666lm
Imax 11460cd

FL
Beam angle 26°
Fixture Flux 2205lm
Imax 7939cd

MWFL
Beam angle 43°
Fixture Flux 2756lm
Imax 4579cd

WFL
Beam angle 64°
Fixture Flux 2889lm
Imax 2724cd

Gimbal

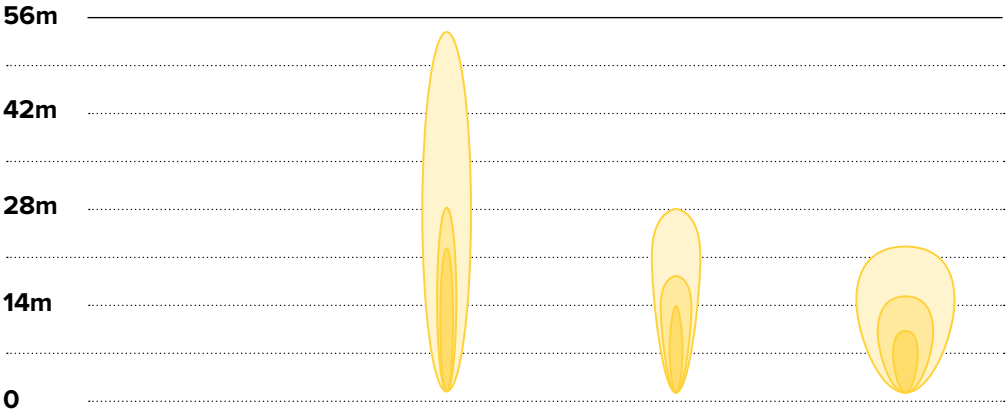


NSP
Beam angle 9°
Fixture Flux 718lm
Imax 20172cd

FL
Beam angle 28°
Fixture Flux 636lm
Imax 2508cd

FL RECTANGULAR
Beam angle 43x30°
Fixture Flux 582lm
Imax 1228cd

Keplero Gimbal HP

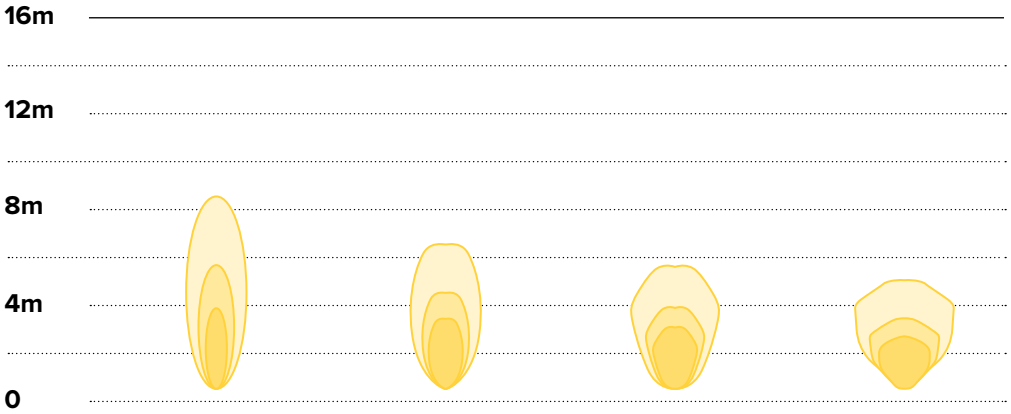


NSP
Beam angle 8°
Fixture Flux 2373lm
Imax 78598cd

SP
Beam angle 18°
Fixture Flux 2205lm
Imax 18947cd

FL
Beam angle 30°
Fixture Flux 2149lm
Imax 8160cd

Mini Zoom



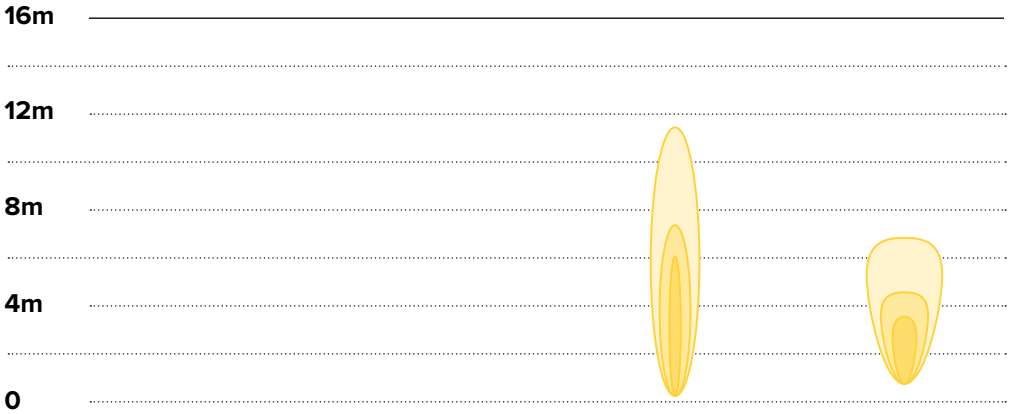
SP
Beam angle 16°
Fixture Flux 615lm
Imax 5715cd

FL
Beam angle 33°
Fixture Flux 809lm
Imax 2608cd

MWFL
Beam angle 53°
Fixture Flux 1045lm
Imax 1536cd

WFL
Beam angle 61°
Fixture Flux 1127lm
Imax 1102cd

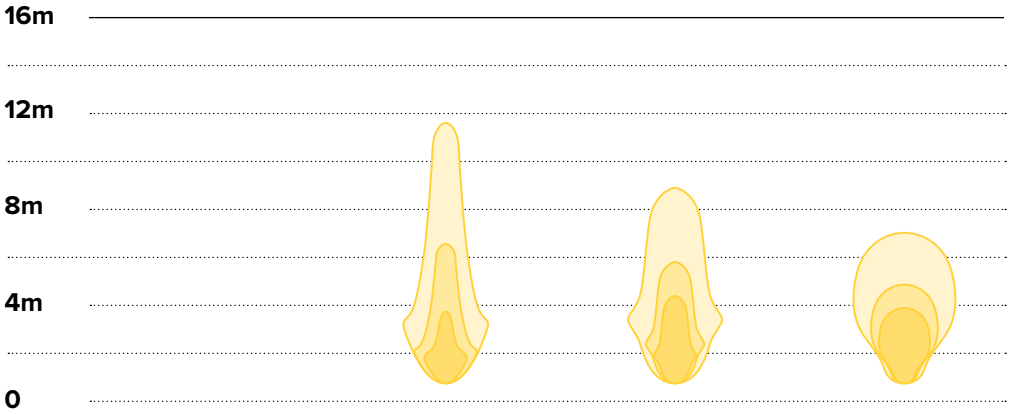
Mini Gimbal



SP
Beam angle 11°
Fixture Flux 592lm
Imax 11401cd

FL
Beam angle 30°
Fixture Flux 568lm
Imax 2112cd

Mini Hi-Efficacy



SP
Beam angle 11°
Fixture Flux 1403lm
Imax 17736cd

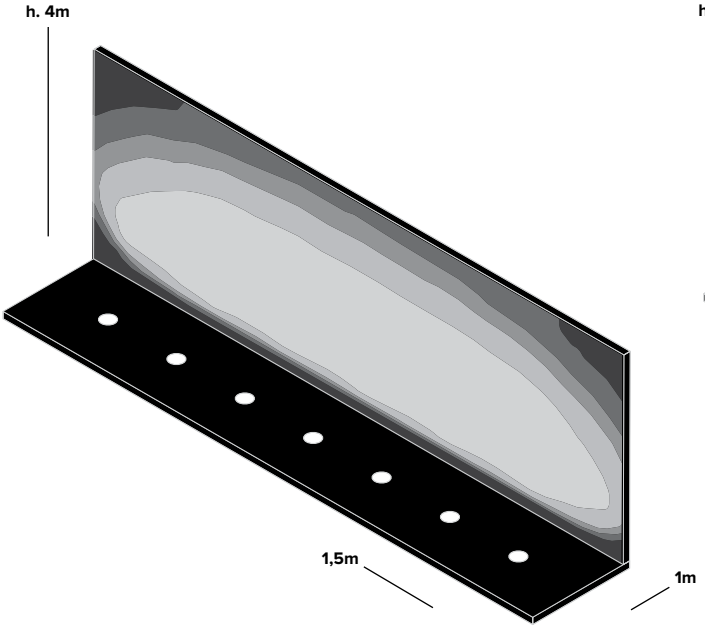
FL
Beam angle 18°
Fixture Flux 1397lm
Imax 7969cd

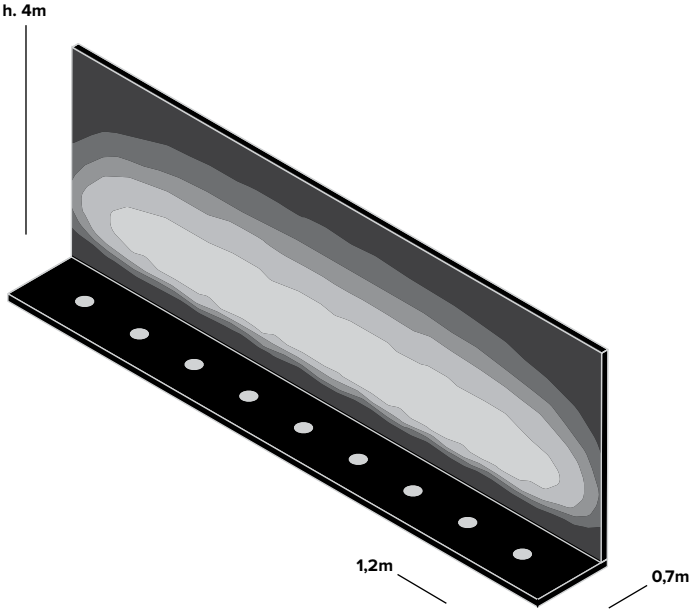
MWFL
Beam angle 40°
Fixture Flux 1384lm
Imax 2882cd

Project Guide

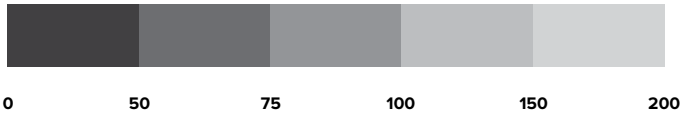
Wall Washer

Mini Wall Washer





Illuminance [lx]



Plaza de Santa Eulalia

Salamanca, Spain

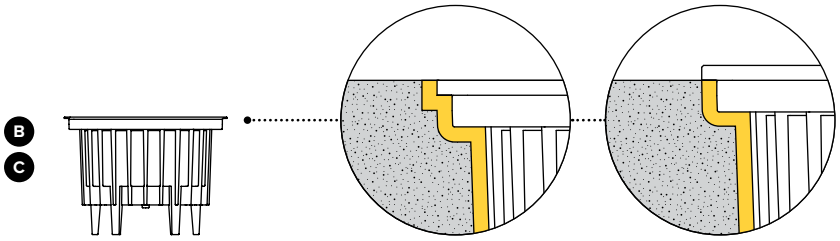
Photographer Cristina Motilla

How to complete Keplero and Keplero Mini

Keplero offers a wide choice of finishing and installation solutions.
The Keplero Ø280mm versions must be completed with a special installation sleeve.
The Keplero Mini Ø161mm versions must be completed with a special installation sleeve, a round or square trim ring.
Keplero MIni 48V versions must be completed also with a remote driver.

Keplero rings are made of stainless steel (AISI 316L). On request, they can be available in special finishes - Bronze and Black, with PVD treatment - to best suit the architectural project.

All the rings can be installed flush or semi-flush by simply removing the insertion collar from the PVC casing.

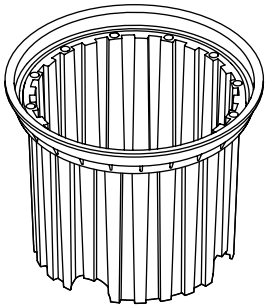


A

Keplero
Ø280mm

+

Sleeve

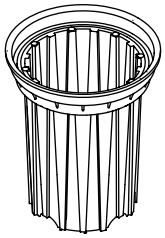


B

Keplero Mini
Ø161mm

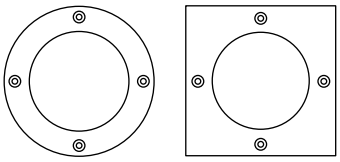
+

Sleeve



+

Stainless steel ring

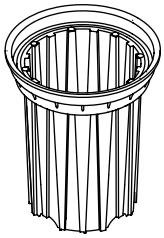


C

Keplero Mini (48V)
Ø161mm

+

Sleeve



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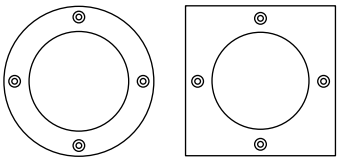
Stainless steel ring



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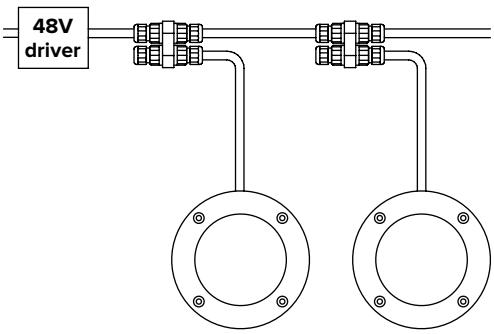
Power Supply



The large versions of Keplero are available with an integrated electronic 110-240V driver, while the Keplero Mini features an integrated 110-240V driver or a remote 48V driver, to be ordered separately.

KEPLERO (Ø280mm - h. 202mm)

Zoom

LED	Source Flux	LED Power	Power Supply	Fixture Flux	Optics
LED	4550m	33W	EL - integrated	From 1666lm to 2889lm	SP – FL – MWFL – WFL
LED RGBW	1402lm	49W	EL - integrated	From 826lm to 1402lm	SP – FL – MWFL – WFL

Gimbal

LED	Source Flux	LED Power	Power Supply	Fixture Flux	Optics
LED	878lm	11W	EL - integrated	718lm	NSP
LED	878lm	11W	EL - integrated	636lm	FL
LED	878lm	11W	EL - integrated	582lm	FL RECT

HP

LED	Source Flux	LED Power	Power Supply	Fixture Flux	Optics
LED	2791lm	33W	EL - integrated	2373lm	NSP
LED	2791lm	33W	EL - integrated	2205lm	SP
LED	2791lm	33W	EL - integrated	2149lm	FL

Wall Washer

LED	Source Flux	LED Power	Power Supply	Fixture Flux	Optics
LED	4550lm	33W	EL - integrated	2318lm	WW
LED RGBW	1091lm	49W	EL - integrated	1091lm	WW

KEPLERO Mini (Ø161mm - h. 198mm)

Zoom

LED	Source Flux	LED Power	Power Supply	Fixture Flux	Optics
LED	1775lm	12W	EL - integrated LV - remote	From 615lm to 1127lm	SP – FL – MWFL – WFL

Gimbal

LED	Source Flux	LED Power	Power Supply	Fixture Flux	Optics
LED	768lm	8W	EL - integrated LV - remote	592lm	SP
LED	768lm	8W	EL - integrated LV - remote	568lm	FL

High Efficacy

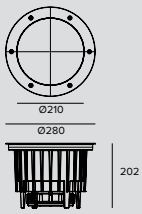
LED	Source Flux	LED Power	Power Supply	Fixture Flux	Optics
LED	1775lm	12W	EL - integrated LV - remote	1403lm	SP
LED	1775lm	12W	EL - integrated LV - remote	1397lm	FL
LED	1775lm	12W	EL - integrated LV - remote	1384lm	MWFL

Wall Washer

LED	Source Flux	LED Power	Power Supply	Fixture Flux	Optics
LED	1852lm	12W	EL - integrated LV - remote	933lm	WW

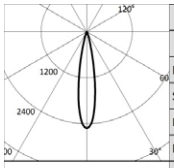
The lumen output refers to LED 3000K.

Zoom

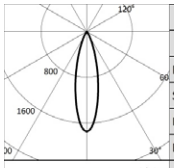


LED / 33W / SP, FL, MWFL, WFL

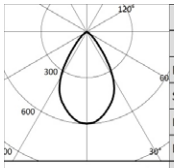
IP66 IP67 IP68 IP69K IK 10



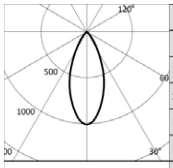
3000K		H(m)	D(m)	Emax(lx)
Ra84			19°	
Fixture Power	36W	1	0.34	11460
Source Flux	4550lm	2	0.67	2865
Fixture Flux	1666lm	3	1.01	1273
Efficacy	47lm/W	4	1.34	716
TS782 Imax=2519cd/klm	Imax	11460cd	5	1.68	458



3000K		H(m)	D(m)	Emax(lx)
Ra84			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	1.85	496
TS781 Imax=1745cd/klm	Imax	7939cd	5	2.31	318



3000K		H(m)	D(m)	Emax(lx)
Ra84			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
TS779 Imax=599cd/klm	Imax	2724cd	5	6.25	109



3000K		H(m)	D(m)	Emax(lx)
Ra84			43°	
Fixture Power	36W	1	0.79	4579
Source Flux	4550lm	2	1.57	1145
Fixture Flux	2756lm	3	2.36	509
Efficacy	77lm/W	4	3.14	286
TS780 Imax=1006cd/klm	Imax	4579cd	5	3.93	183

Driver	Colour	3000K	4000K
EL.		**1E2386**	**1E2387**

For DALI versions add DA suffix to the order code.

Note

All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

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.

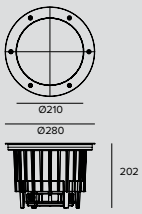
Related codes

Sleeve

Code
1E2394

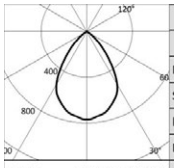
Grey nylon installation sleeve.
The sleeve is pre-set for both flush or straight edge installation.
Complete with dedicated cover cap for installations in concrete.
Flush ring Ø 286 H.225.
Straight edge ring Ø 271 H. 223.

Zoom RGBW



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

IP66 IP67 IP68 IP69K IK 10



			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	1076cd	5	7.25	43

Driver	Colour	Code
EL. DMX		**1E2768**

Note

Photometrics show the maximum emission values of fixtures.

All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

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

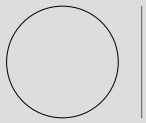
Sleeve

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.

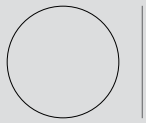
Accessories

Filter



Filter	Ø	Code
Red	101	**1T1700**
Green	101	**1T1701**
Blue	101	**1T1702**
Yellow	101	**1T1703**
Magenta	101	**1T1704**

Flat glass interference chromatic filter.



Ø	Code
101	**1T1696**

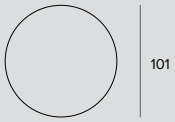
Flat striped glass blade light refractive filter.
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.

Shutter

Colour	Code
●	**1E2402**

Half-moon shutter.

Grid



Ø	Code
101	**1T1699**

Anti-glare louver.
Black painted metal honeycomb structure.

Tool

Code
1E2496

Metal handle for fixture removal

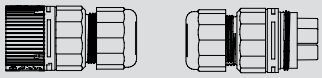
Code
1E2495

Features TORX HEAD, TX 30.

Code
1E0388

Sucker tool to raise the glass.

Connector



Code
1E2769

Connectors kit for 5 pole coaxial connections.
Only for white LED version.

Code
1E2494

Non DALI looping connector.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 8 to 12mm. IP68
Only for white LED version.

Connector

Code
1E3184

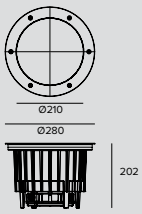
DMX connection.
Only for RGBW LED version.

Control systems

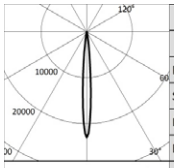
Code
1E2767

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.

Gimbal



LED / 11W / NSP

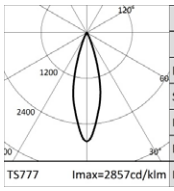


	3000K		H(m)	D(m)	Emax(lx)
	Ra80			9°	
	Fixture Power	15W	1	0.15	20172
	Source Flux	878lm	2	0.31	5043
	Fixture Flux	718lm	3	0.46	2241
	Efficacy	50lm/W	4	0.61	1261
TS776 Imax=22975cd/klm	Imax	20172cd	5	0.76	807

Driver	Colour	3000K	4000K
EL.		**1E2388**	**1E2389**

For DALI versions add DA suffix to the order code.

LED / 11W / FL

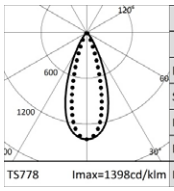


	3000K		H(m)	D(m)	Emax(lx)
	Ra80			28°	
	Fixture Power	15W	1	0.51	2508
	Source Flux	878lm	2	1.01	627
	Fixture Flux	636lm	3	1.52	279
	Efficacy	44lm/W	4	2.02	157
TS777 Imax=2857cd/klm	Imax	2508cd	5	2.53	100

Driver	Colour	3000K	4000K
EL.		**1E2390**	**1E2391**

For DALI versions add DA suffix to the order code.

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

Driver	Colour	3000K	4000K
EL.		**1E2392**	**1E2393**

For DALI versions add DA suffix to the order code.

Note

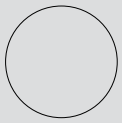
All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

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



Flush ring
Ø286 H225

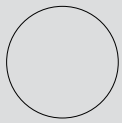
Straight edge ring
Ø271 H223

	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.

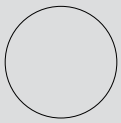
Accessories

Filter



Filter	Ø	Code
Red	101	**1T1700**
Green	101	**1T1701**
Blue	101	**1T1702**
Yellow	101	**1T1703**
Magenta	101	**1T1704**

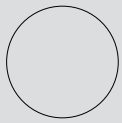
Flat glass interference chromatic filter.



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

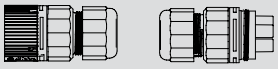
Code
1E2495

Features TORX HEAD, TX 30.

Code
1E0388

Sucker tool to raise the glass.

Connector



Code
1E2769

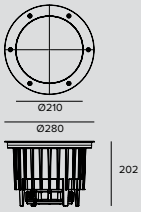
Connectors kit for 5 pole coaxial connections.

Code
1E2494

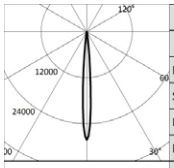
Non DALI looping connector.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 8 to 12mm.
IP68

KEPLERO

Gimbal HP



LED / 33W / NSP



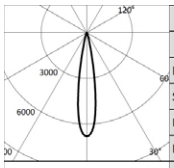
3000K		H(m)	D(m)	Emax(lx)
Ra84			8°	
Fixture Power	37W	1	0.14	78598
Source Flux	2791lm	2	0.29	19650
Fixture Flux	2373lm	3	0.43	8733
Efficacy	64lm/W	4	0.57	4912
Imax	78598cd	5	0.72	3144

TS986 Imax=28161cd/klm

Driver	Colour	3000K	4000K
EL.		**1E3050**	**1E3053**

For DALI versions add DA suffix to the order code.

LED / 33W / SP



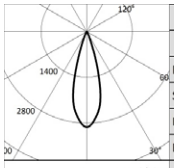
3000K		H(m)	D(m)	Emax(lx)
Ra84			18°	
Fixture Power	37W	1	0.32	18947
Source Flux	2791lm	2	0.63	4737
Fixture Flux	2205lm	3	0.95	2105
Efficacy	60lm/W	4	1.27	1184
Imax	18947cd	5	1.58	758

TS987 Imax=6789cd/klm

Driver	Colour	3000K	4000K
EL.		**1E3051**	**1E3054**

For DALI versions add DA suffix to the order code.

LED / 33W / FL



3000K		H(m)	D(m)	Emax(lx)
Ra84			30°	
Fixture Power	37W	1	0.53	8160
Source Flux	2791lm	2	1.06	2040
Fixture Flux	2149lm	3	1.59	907
Efficacy	58lm/W	4	2.12	510
Imax	8160cd	5	2.65	326

TS988 Imax=2924cd/klm

Driver	Colour	3000K	4000K
EL.		**1E3052**	**1E3055**

For DALI versions add DA suffix to the order code.

Note

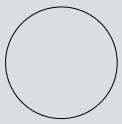
All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

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

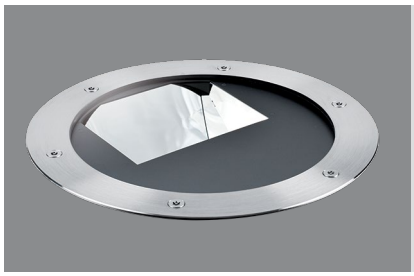


Flush ring
Ø286 H225

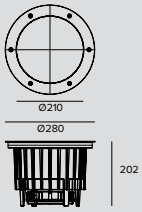
Straight edge ring
Ø271 H223

Code
1E2394

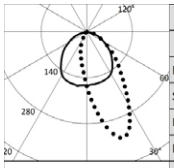
Grey nylon installation sleeve.
The sleeve is pre-set for both flush or straight edge installation.
Complete with dedicated cover cap for installations in concrete.
Flush ring Ø 286 H.225.
Straight edge ring Ø 271 H. 223.



Wall Washer



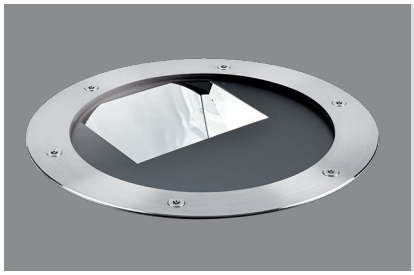
LED / 33W / WALL WASHER



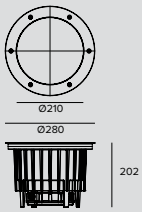
		3000K		H(m)	D1(m)	D2(m)	Emax(lx)
		Ra84			106°	66°	
		Fixture Power	36W	1	2.68	1.61	1355
		Source Flux	4550lm	2	5.36	3.22	339
		Fixture Flux	2318lm	3	8.04	4.84	151
		Efficacy	65lm/W	4	10.71	6.45	85
TS853	Imax=393cd/klm	Imax	1790cd	5	13.39	8.06	54

Driver	Colour	3000K	4000K
EL.		**1E2561**	**1E2562**

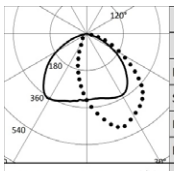
For DALI versions add DA suffix to the order code.



Wall Washer RGBW



LED RGBW / 49W / WALL WASHER



		-		H(m)	D1(m)	D2(m)	Emax(lx)
		-			114°	75°	
		Fixture Power	20W	1	3.10	2.07	47
		Source Flux	113lm	2	6.19	4.14	12
		Fixture Flux	113lm	3	9.29	6.21	5
		Efficacy	6lm/W	4	12.39	8.29	3
TS1026	Imax=550cd/klm	Imax	62cd	5	15.48	10.36	2

Driver	Colour	Code
EL. DMX		**1E3123**

Note

Photometrics show the maximum emission values of fixtures.

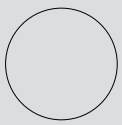
All lighting fixtures have to be completed with installation sleeves.

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. IP69K complies with Standard DIN 40050-9.

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



Flush ring
Ø286 H225

Straight edge ring
Ø271 H223

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.

Code
1E0388

Sucker tool to raise the glass.

Connector

Code
1E3184

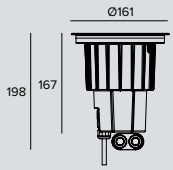
DMX connection.

Control systems

Code
1E2767

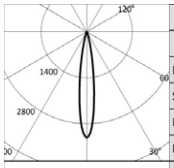
USB-RDM Programmer code.
DMX-RDM (Remote Device Management) address planner.
Used with the “RDM Targetti” software that can be downloaded for free from the Targetti website download section.
To be used with all RGBW products.

Mini Zoom

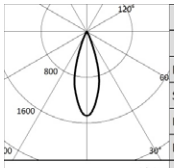


LED / 12W / ZOOM / SP, FL, MWFL, WFL

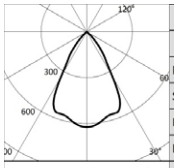
1.1 IP66 IP67 IP68 IK 10 ENEC



3000K		H(m)	D(m)	Emax(lx)
Ra84			16°	
Fixture Power	14W	1	0.28	5715
Source Flux	1775lm	2	0.55	1429
Fixture Flux	615lm	3	0.83	635
Efficacy	46lm/W	4	1.10	357
TS815 Imax=3220cd/klm	Imax	5715cd	5	1.38	229



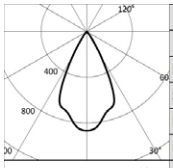
3000K		H(m)	D(m)	Emax(lx)
Ra84			33°	
Fixture Power	14W	1	0.58	2608
Source Flux	1775lm	2	1.17	652
Fixture Flux	809lm	3	1.75	290
Efficacy	60lm/W	4	2.33	163
TS816 Imax=1469cd/klm	Imax	2608cd	5	2.92	104



3000K		H(m)	D(m)	Emax(lx)
Ra84			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	1102cd	5	5.92	44

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.		**1E2497***	**1E2498***
CLASS 3	48Vdc			**1E2499**	**1E2500**

*For DALI versions add DA suffix to the order code.



3000K		H(m)	D(m)	Emax(lx)
Ra84			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	1536cd	5	4.94	61

Note

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

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation.

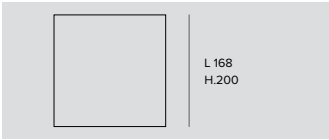
All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Related codes

Sleeve

Ø	H	Code
166	200	**1E2521**

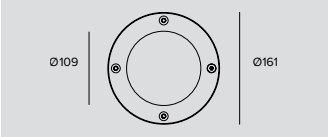
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	**1E2522**

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

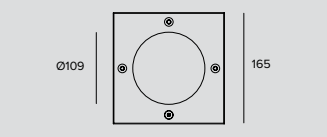
Decorative Ring



Code

1E2525

Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

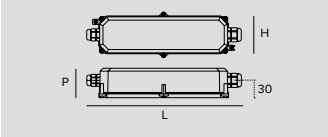


Code

1E2526

Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

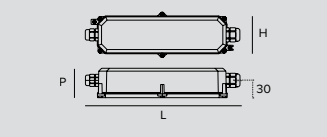
Power Supply



Code

1E2320

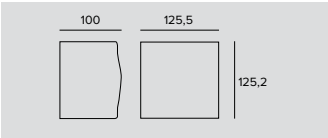
Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



Code

1E2321

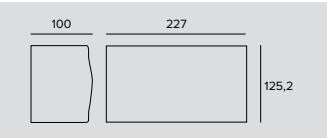
Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



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.

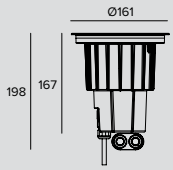


Code

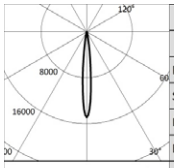
1E2323

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.

Mini Gimbal



LED / 8,4W / GIMBAL / SP

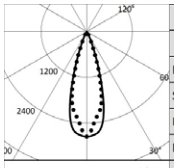


	3000K		H(m)	D(m)	Emax(lx)
	Ra80			11°	
	Fixture Power	11W	1	0.19	11401
	Source Flux	768lm	2	0.38	2850
	Fixture Flux	592lm	3	0.57	1267
	Efficacy	56lm/W	4	0.77	713
TS819 Imax=14845cd/klm	Imax	11401cd	5	0.96	456

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.		**1E2501***	**1E2502***
CLASS 3	48Vdc			**1E2505**	**1E2506**

*For DALI versions add DA suffix to the order code.

LED / 8,4W / GIMBAL / FL



	3000K		H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80			32°	30°	
	Fixture Power	11W	1	0.57	0.54	2112
	Source Flux	768lm	2	1.15	1.09	528
	Fixture Flux	568lm	3	1.72	1.63	235
	Efficacy	54lm/W	4	2.29	2.17	132
TS820 Imax=2750cd/klm	Imax	2112cd	5	2.87	2.72	84

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.		**1E2503***	**1E2504***
CLASS 3	48Vdc			**1E2507**	**1E2508**

*For DALI versions add DA suffix to the order code.

Note

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

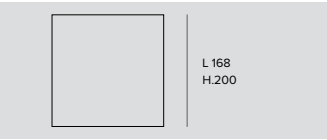
The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation. All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures 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**

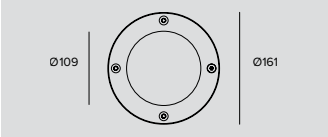
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	**1E2522**

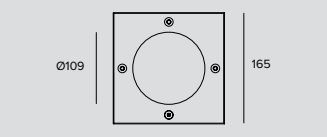
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



Code
1E2525

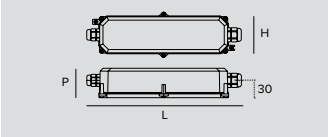
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.



Code
1E2526

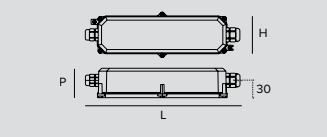
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

Power Supply



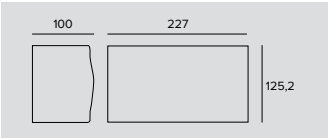
Code
1E2320

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



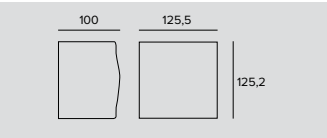
Code
1E2321

Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



Code
1E2323

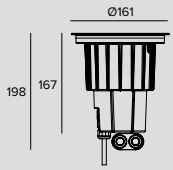
Electronic driver 480W, LxHxP=227x100x125mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply - DIN RAIL power supply.



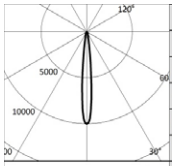
Code
1E2533

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.

Mini High Efficacy



LED / 12W / SP



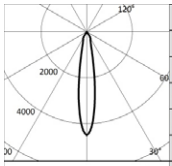
3000K		H(m)	D(m)	Emax(lx)
Ra84			11°	
Fixture Power	14W	1	0.20	17736
Source Flux	1775lm	2	0.39	4434
Fixture Flux	1403lm	3	0.59	1971
Efficacy	104lm/W	4	0.79	1109
Imax	17736cd	5	0.99	709

TS821 Imax=9992cd/klm

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.		**1E2509***	**1E2510***
CLASS 3	48Vdc			**1E2515**	**1E2516**

*For DALI versions add DA suffix to the order code.

LED / 12W / FL



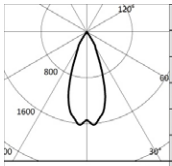
3000K		H(m)	D(m)	Emax(lx)
Ra84			18°	
Fixture Power	14W	1	0.31	7969
Source Flux	1775lm	2	0.63	1992
Fixture Flux	1397lm	3	0.94	885
Efficacy	104lm/W	4	1.25	498
Imax	7969cd	5	1.57	319

TS822 Imax=4490cd/klm

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.		**1E2511***	**1E2512***
CLASS 3	48Vdc			**1E2517**	**1E2518**

*For DALI versions add DA suffix to the order code.

LED / 12W / MWFL



3000K		H(m)	D(m)	Emax(lx)
Ra84			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
Imax	2882cd	5	3.67	114

TS823 Imax=1624cd/klm

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.		**1E2513***	**1E2514***
CLASS 3	48Vdc			**1E2519**	**1E2520**

*For DALI versions add DA suffix to the order code.

Note

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

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation.

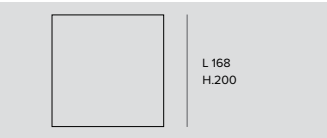
All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Related codes

Sleeve

Ø	H	Code
166	200	**1E2521**

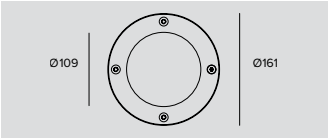
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	**1E2522**

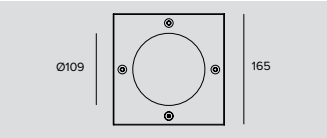
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



Code
1E2525

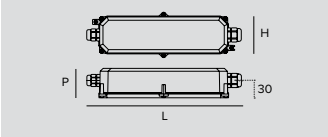
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.



Code
1E2526

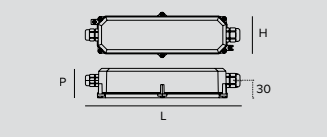
Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

Power Supply



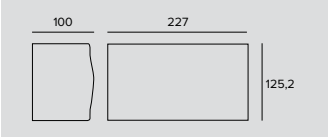
Code
1E2320

Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



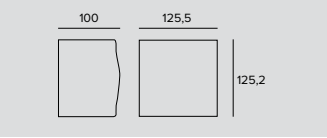
Code
1E2321

Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



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.



Code
1E2533

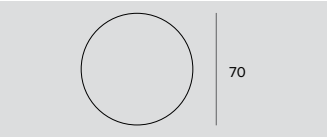
Electronic driver 240W, LxHxP=125x100x125mm, input voltage: 220V-240V 50/60Hz, 48V-DC, IP20.
Without cable.
Complete with connector.
Electrical panel power supply.
DIN RAIL power supply.

Accessories

Filter

Filter	Ø	Code
Red	70	**1T1712**
Green	70	**1T1713**
Blue	70	**1T1714**
Yellow	70	**1T1715**
Magenta	70	**1T1716**

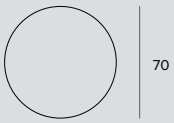
Flat glass interference chromatic filter.
To be completed with an additional holder ring.



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.

Grid



Ø	Code
70	**1T1711**

Anti-glare louver.
Black painted metal honeycomb structure.
To be completed with an additional holder ring.

Shutter

Code
1E2523

Black half-moon shutter.

Holder Ring

Code
1T3727

Transparent polycarbonate accessory holder ring.

Tool

Code
1E2495

Features TORX HEAD, TX 30.

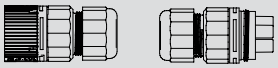
Code
1E2524

Metal handle for fixture removal

Code
1E0388

Sucker tool to raise the glass.

Connector

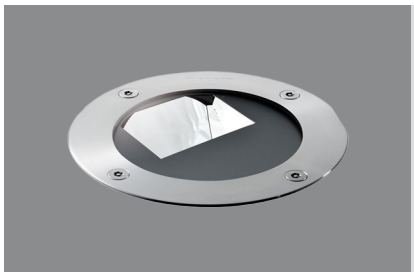


Code
1E2769

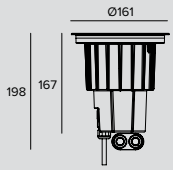
Connectors kit for 5 pole coaxial connections.
Remote mounting for the following products: Jupiter, Jupiter Mini, Saturn, Saturn Mini, and Led.Y.

Code
1E2494

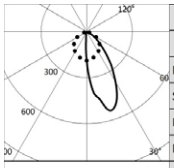
Non DALI looping connector.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 8 to 12mm.
IP68



Mini Wall Washer



LED / 12W / WALL WASHER



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra84			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

Insulation	Power supply	Driver	Colour	3000K	4000K
CLASS 2	220-240Vac	EL.		**1E3517***	**1E3518***
CLASS 3	48Vdc			**1E3519**	**1E3520**

*For DALI versions add DA suffix to the order code.

Note

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

The projector can withstand temporary accidental immersion to a depth of 1.3 metres (max.1h) but is unsuitable for permanent underwater installation.

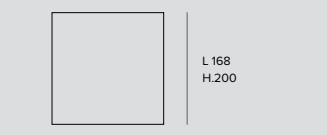
All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass which characterises the LED range of fixtures make them suitable even for installation in “special areas”, such as spaces for children.

Related codes

Sleeve

Ø	H	Code
166	200	**1E2521**

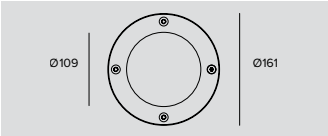
Installation sleeve.
Grey Nylon casing.
Round and square ring for semi-flush installation. Only round ring for flush installation.



L	H	Code
168	200	**1E2522**

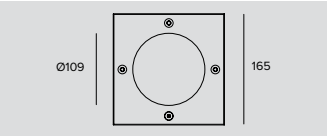
Installation sleeve.
Grey Nylon casing and stainless steel profile.
Square ring for flush installation.

Decorative Ring



Code
1E2525

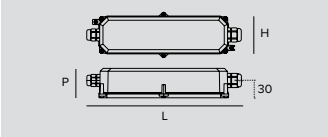
Brushed stainless steel (AISI316L), ultra flat, bevelled edge decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.



Code
1E2526

Brushed stainless steel (AISI316L), ultra flat square decorative ring.
10mm thick extra clear protective glass.
Silicone gasket.
Anti-theft Torx screws.
The ring can be supplied with a special anti-slip protective glass for public pedestrian areas on request for minimum quantities.

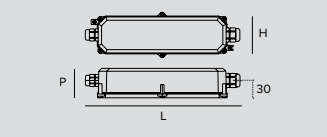
Power Supply



Code

1E2320

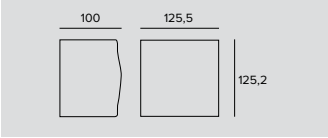
Electronic driver 70W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



Code

1E2321

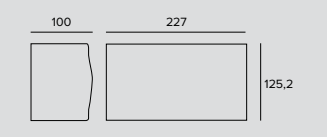
Electronic driver 150W, LxHxP=225x51x65mm, input voltage: 220-240V 50/60Hz, 48V-DC, IP67.
Cable length 1 meter (IN-OUT).



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.

Accessories

Tool

Code

1E2495

Features TORX HEAD, TX 30.

Code

1E2524

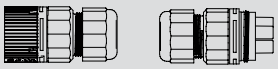
Metal handle for fixture removal

Code

1E0388

Sucker tool to raise the glass.

Connector



Code

1E2769

Connectors kit for 5 pole coaxial connections.

Code

1E2494

Non DALI looping connector.
1 IN - 3 OUT 4 poles max. wire section 2.5mm^2.
Cable diameter range from 8 to 12mm.
IP68

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