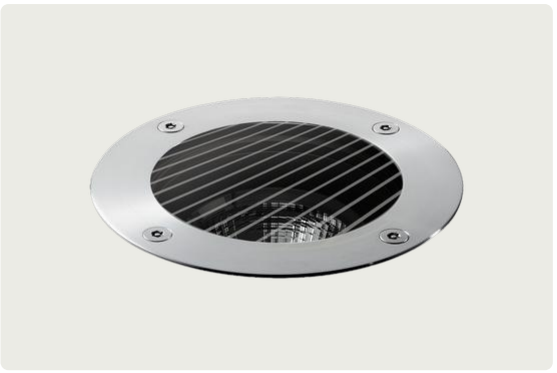
IN-GROUND LUMINAIRES

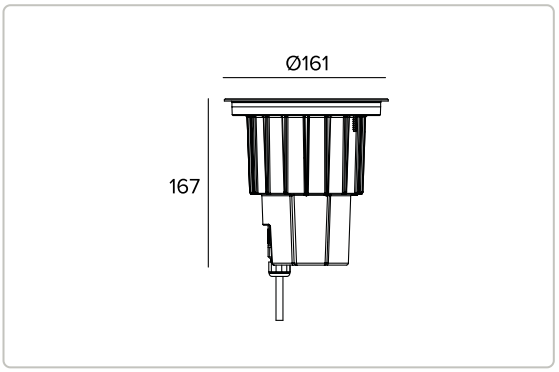
Keplero 160 Adjustable RGBW



Code
E015MWRRGWMXAEB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
RGBW	MWFL 49°	15.2W 647lm

POWER SUPPLY CONTROL	COLOUR
450mA	



The figures on the drawing are expressed in mm.

1.05 IP66 IP67 IP68 IP69 IK10 CE

The fixture's photometric values can be found on the following pages

Technical Data

Concept

Compact adjustable recessed projector equipped with RGBW LED sources.

Source

High efficiency RGBW LED multichip.	
Energy efficiency class	G
Nominal power	15W
Nominal flux	See photometries
Colour rendering index	
CCT nominal	

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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

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

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

Technical Data

Illuminotechnical characteristics

Optical system composed of a high efficiency reflector and a holographic filter. Aiming using a tilting system up to 20° on the vertical axis and 360° on the horizontal plane with a friction aim locking system.

Optic	MWFL
Beam angles	MWFL
Optical efficiency	73.9%
Fixture flux	See photometries
Luminous efficacy	See photometries
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Die-cast aluminium body with 3 layers of protection: anodised, cataphoresis and black paint. Ultra flat decorative ring with a flared edge, made of brushed stainless steel (AISI 316) (eclipse black finish). Version with anti-slip protective glass for public pedestrian areas. Anti theft stainless steel A4 Torx screws.

Colour and finish	Eclipse black
Dimensions	ØxH 161x167mm
Weight	1.05Kg
Version	Anti-slip glass
Degree of protection	IP66,IP67,IP68,IP69
Mechanical Resistance	IK10

Electrical characteristics

Constant current power supply, max 450mA per channel. Remote power supply to be ordered separately.

Fixture Power	See photometries
Power supply	450mA
Insulation Class	CLASS 3
Driver included	NO
Ambient temperature	-25°C / +35°C

Installation

Nylon installation sleeve to be ordered separately as an accessory. The sleeve is pre-set for both flush or straight edge installation. 20kN resistance to static load.

Notes

Photometrics show the maximum emission values of fixtures. All light fixtures must be completed with an installation sleeve. IP68: the fixture is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h). IP69: IEC/EN 60529 standard compliant. All versions of the KEPLERO family meet all the requirements of EN 60598-2-13 standard regarding drive-over and walk-over performances. Low temperatures on the glass make them suitable even for installation in "special areas", such as spaces for children. Uses the "Waterblock Smart" technical solution that involves resin coating the connection cables, limiting the risk of humidity reaching the driver or the fixture. 110-277Vac version available on request.

Regulations and Certifications

CE

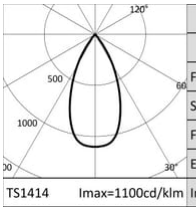
Warning

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

Photometries

RGBW

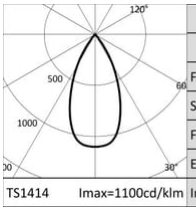
Fixture Power	15.2W
Nominal flux	875lm
Fixture flux	647lm
Luminous efficacy	43lm/W



-		H(m)	D(m)	Emax(lx)
-			49°	
Fixture Power	15W	1	0.91	962
Source Flux	875lm	2	1.82	241
Fixture Flux	647lm	3	2.73	107
Efficacy	43lm/W	4	3.64	60
TS1414 Imax=1100cd/klm	Imax 962cd	5	4.56	38

RGB

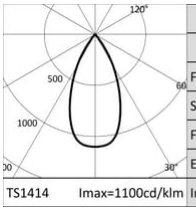
Fixture Power	11W
Nominal flux	482lm
Fixture flux	356lm
Luminous efficacy	32lm/W



-		H(m)	D(m)	Emax(lx)
-			49°	
Fixture Power	11W	1	0.91	530
Source Flux	482lm	2	1.82	133
Fixture Flux	356lm	3	2.73	59
Efficacy	32lm/W	4	3.64	33
TS1414 Imax=1100cd/klm	Imax 530cd	5	4.56	21

WHITE

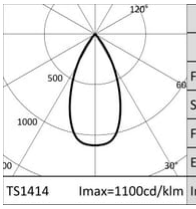
Fixture Power	4.2W
Nominal flux	388lm
Fixture flux	287lm
Luminous efficacy	68lm/W



-		H(m)	D(m)	Emax(lx)
-			49°	
Fixture Power	4W	1	0.91	427
Source Flux	388lm	2	1.82	107
Fixture Flux	287lm	3	2.73	47
Efficacy	68lm/W	4	3.64	27
TS1414 Imax=1100cd/klm	Imax 427cd	5	4.56	17

RED

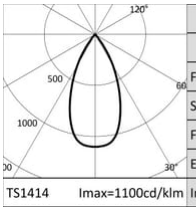
Fixture Power	3W
Nominal flux	168lm
Fixture flux	124lm
Luminous efficacy	41lm/W



-		H(m)	D(m)	Emax(lx)
-			49°	
Fixture Power	3W	1	0.91	185
Source Flux	168lm	2	1.82	46
Fixture Flux	124lm	3	2.73	21
Efficacy	41lm/W	4	3.64	12
TS1414 Imax=1100cd/klm	Imax 185cd	5	4.56	7

GREEN

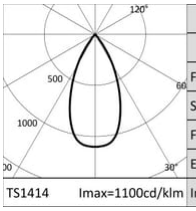
Fixture Power	4.1W
Nominal flux	268lm
Fixture flux	198lm
Luminous efficacy	48lm/W



-		H(m)	D(m)	Emax(lx)
-			49°	
Fixture Power	4W	1	0.91	295
Source Flux	268lm	2	1.82	74
Fixture Flux	198lm	3	2.73	33
Efficacy	48lm/W	4	3.64	18
TS1414 Imax=1100cd/klm	Imax 295cd	5	4.56	12

BLUE

Fixture Power	4W
Nominal flux	65lm
Fixture flux	48lm
Luminous efficacy	12lm/W



-		H(m)	D(m)	Emax(lx)
-			49°	
Fixture Power	4W	1	0.91	71
Source Flux	65lm	2	1.82	18
Fixture Flux	48lm	3	2.73	8
Efficacy	12lm/W	4	3.64	4
TS1414 Imax=1100cd/klm	Imax 71cd	5	4.56	3

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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

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

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

Related codes

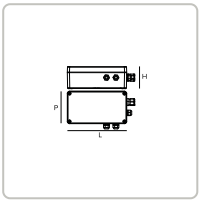
Sleeve



CODE	H	Ø
1E2521	200mm	166mm

Installation sleeve.
Grey Nylon casing.
For flush and semi-flush installation.

Power Supply



CODE

1E3881

DMX 4 channel driver - 450mA.
50W, LxHxP=220x80x120mm, 110-277Vac.
IP68 gray powder coated aluminum box.

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

A077

my-SCENARIO Show Store.
Programmable DMX interface that integrates the latest innovations in lighting control in architectural and entertainment applications.
It features USB Type-C and Ethernet ports for programming and remote control.
The unit can be fully programmed with ESA Pro 2 software (available for Windows and Mac users) or via mobile applications such as Arcolis (available for iOS or Android devices).
It can be fully customised: pixel mapping, triggering management, patch configuration and much more.
The system offers great possibilities for the control of your lighting installation: multi zone control (allowing the management of up to 5 indipendent zones), extended triggers (time/date, Sunrise/Sunset, input ports, TCP/UDP commands), 16-bit channels management, full recovery after power loss, up to 99 total scenes, and 1024+ DMX channels.
The intuitive backlit keyboard comes with 10 preset buttons for a user friendly experience.

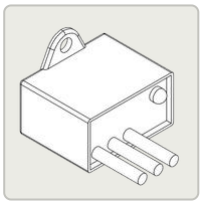


CODE

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 RGBW products.

Surge protector



CODE

A013A

Surge protector compatible with CLASS I lighting fixtures.
Operating voltage 230-277Vac.
SPD type 2+3.
Max surge protection 10kV.
CLASS I
IP67

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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

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

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.