

Inground **LED.Y**



TARGETTI

LED.Y

GENERAL INFO

Recessed fixture
Multiled
Ø60mm – Ø68mm
Monoled-RGB
Ø63mm

LED

Monoled: LED emitter
3000K – 6000K
From 99lm to 143lm
Ra80
Multiled: LED Board
6000K – Blue – Amber
From 1lm to 7lm
Ra80
RGB: RGB LED Multichip
From 8lm to 48lm

PRODUCT EFFICACY

Up to 48lm/W

OPTICS

Monoled
SP - FL
Multiled/RGB
VWFL

POWER SUPPLY

Electronic

MATERIAL

Anodised aluminium body
and ring.

ON DEMAND



110-277Vac
power supply

A series of miniature LED fixtures available in recessed or projector versions with monochromatic LED and RGB technology. The monochromatic versions are both mono and multi-LED.

The recessed version has a flat, flared edge and domed glass for a choreographic effect.

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.

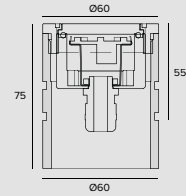


Outdoor

LED.Y



Multiled Flush ring Flat screen



LED / 1W / VWFL

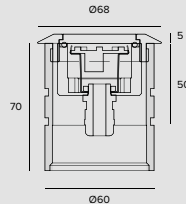


		H(m)	D(m)	E _{max} (lx)
			102*	
Fixture Power	1W	1	2.47	3
Source Flux	7lm	2	4.94	1
Fixture Flux	7lm	3	7.41	0
Efficacy	7lm/W	4	9.87	0
EV070	I _{max} =395cd/klm	I _{max}	3cd	5
			12.34	0

Power supply	Colour	6000K	AMBRA	BLU
24Vdc		1E1022	1E1021	1E1028



Multiled Raised ring Flat screen



LED / 1W / VWFL

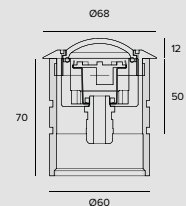


		H(m)	D(m)	E _{max} (lx)
			102*	
6000K				
Ra80				
Fixture Power	1W	1	2.47	2
Source Flux	5lm	2	4.94	0
Fixture Flux	5lm	3	7.41	0
Efficacy	5lm/W	4	9.87	0
EV070	I _{max} =395cd/klm	I _{max}	2cd	5
			12.34	0

Power supply	Colour	6000K	AMBRA	BLU
24Vdc		1E1012	1E1011	1E1018



Multiled Raised ring Curved screen



LED / 1W / VWFL



		H(m)	D(m)	E _{max} (lx)
			102*	
6000K				
Ra80				
Fixture Power	1W	1	2.47	2
Source Flux	5lm	2	4.94	0
Fixture Flux	5lm	3	7.41	0
Efficacy	5lm/W	4	9.87	0
EV070	I _{max} =395cd/klm	I _{max}	2cd	5
			12.34	0

Power supply	Colour	6000K	AMBRA	BLU
24Vdc		1E1002	1E1001	1E1008

Note

All LED.Y fixtures meet all the requirements of EN 60598-2-13 standard regarding pedestrian use and are therefore ideal for lighting all the areas provided for by the regulations, such as pedestrian zones and other designated areas.

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.

LED.Y

Related codes

Power Supply



Dimensions ØxH	W	Power supply	Output voltage	IP	Code
98x78	max 20W	220-240Vac	24Vdc	IP68	1E0993

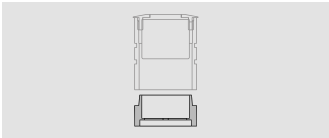
Electronic power supply.

Note

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

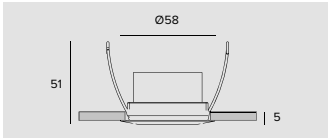
Accessories

Mounting System



Code
1E0994

Installation kit.
Extension for the PVC casing.
A wider space facilitates electrical connections.
Water tight electrical connection system is not included.



Code
1E0996

Steel spring. For ceiling and wall installation.

Tool



Code
1E0990

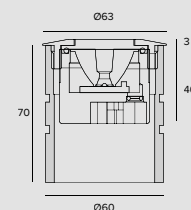
Mounting key.

Outdoor

LED.Y



Monoled



LED / 2W / SP



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra80		10°			
	Fixture Power	2W	1	0.17	2029	
	Source Flux	117lm	2	0.34	507	
	Fixture Flux	117lm	3	0.52	225	
	Efficacy	59lm/W	4	0.69	127	
	TS670	I _{max} =17343cd/klm	I _{max}	2029cd	5	0.86

Power supply	Colour	3000K	6000K
700mA		1E2367	1E2368

LED / 2W / FL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra80		34°			
	Fixture Power	2W	1	0.62	223	
	Source Flux	99lm	2	1.24	56	
	Fixture Flux	99lm	3	1.85	25	
	Efficacy	50lm/W	4	2.47	14	
	TS671	I _{max} =2255cd/klm	I _{max}	223cd	5	3.09

Power supply	Colour	3000K	6000K
700mA		1E2369	1E2370

Note

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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.

Related codes

Power Supply



Dimensions ØxH	W	Power supply	Output current	IP	Code
105x74	17W 12W	220-240Vac 110-120Vac	700mA	IP68	1E1385

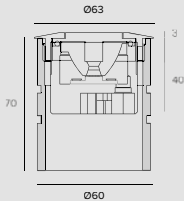
Electronic power supply.

Note

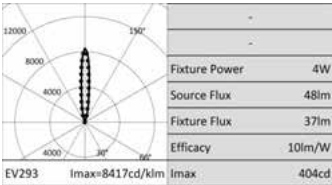
The drivers selected by Targetti make the fixtures "Safe Flicker".



Monoled RGB



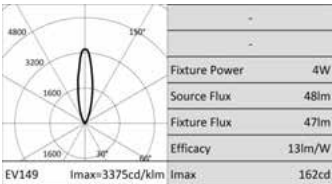
LED RGB / 3,5W / SP



Fixture Power	4W
Source Flux	48lm
Fixture Flux	37lm
Efficacy	10lm/W
Imax	404cd

Power supply	Colour	RGB
3x350mA		1E1854

LED RGB / 3,5W / FL



Fixture Power	4W
Source Flux	48lm
Fixture Flux	47lm
Efficacy	13lm/W
Imax	162cd

Power supply	Colour	RGB
3x350mA		1E1409

Note

Photometrics show the maximum emission values of fixtures.

All LED.Y fixtures meet all the requirements of EN 60598-2-13 standard regarding pedestrian use and are therefore ideal for lighting all the areas provided for by the regulations, such as pedestrian zones and other designated areas.

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.

Related codes

Control systems



Code
1E1401
SECS 75. IP67 Power supply and Control System SECS Scene Effect Control System. SECS 75 drivers combine the following 3 functions in a single unit.: power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices. The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch. SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices. 75W output.

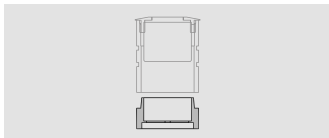


Code
1T2245
SECS 36. IP20 Power supply and Control System SECS Scene Effect Control System. SECS 36 drivers combine the following 3 functions in a single unit.: power supply to RGB LED devices, playback of pre-set colour sequences and a DMX interface for external control devices. The SECS "Easy-Run-Menu" function is able to playback colour-changing light scenarios that are pre-stored into the driver without the use of an external driver: - 8 static colour scenarios; - 8 dynamic colour sequences; - 5 different playback speed values; - Start/Stop the selected scenario using a remote switch. SECS 75 drivers can also be controlled through DMX 512; in this case: - DMX address (from 1 to 511) can be configured by using dip-switches; - 3 channel mode: all R-G-B outputs are controlled simultaneously by 3 DMX channels only; - 6 channel mode: the outputs are divided into 2 R-G-B groups, each one controlled by 3 different DMX channels; - DMX line termination: SECS drivers contain a 120Ohm resistance which can be activated using a dip-switch; - DMX output is available for connection to other DMX devices. 35W output.

LED.Y

Accessories

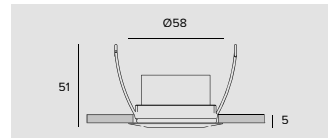
Mounting System



Code

1E0994

Installation kit.
Extension for the PVC casing.
A wider space facilitates electrical connections.
Water tight electrical connection system is not included.



Code

1E0996

Steel spring. For ceiling and wall installation.

Tool



Code

1E0990

Mounting key.

Cable

Code

1E1713

6-pole cable for driver output connection to Constant Current LED sources.

Control systems



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

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.



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.

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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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.

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.
	Class III luminaire, suitable for connection to very low voltage circuits.
	Solid particle and liquid ingress protection degree.
	Protection degree - Recessed part . Protection degree - Exposed part.
	Impact protection degree.
	ENEC European Norms Electrical Certification.

Particular symbols

	Weight of the single fixture.
	Cable length.
	Walk-over.
	Driver-over safe.
	Fixtures that have parameters below the minimum visibility threshold $PstLM \leq 1$ and $SVM \leq 0.4$ (IEC TR 61547-1 and IEC TR 63158).
DBS	Dynamic Beam Shaper optical technology with remote management of the beam opening.
	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".

