

Inground

# MERCURE



**TARGETTI**

# MERCURE

## GENERAL INFO

Inground linear fixture.  
Lengths: 300mm - 600mm

## LED

Linear boards  
From 74lm to 1800lm  
3000K – 4000K  
Ra80  
RGB

## PRODUCT EFFICACY

Up to 59lm/W

## OPTICS

VWFL

## POWER SUPPLY

Electronic - 24V  
Casambi control system  
available using a dedicated  
accessory.

## MATERIAL

Die-cast aluminium  
housing.  
Anti slip, flush, tempered  
safety glass.

## ON DEMAND

**Ra** Ra90

A range of compact inground recessed linear light fixtures with and a flush “all glass” finish” for particularly striking and elegant installation in continuous rows. Mercure comes in three different sizes to light shapes with monochromatic or RGB light.

The larger versions combine elegance and high performance; the smaller version combines a compact size, elegant design and resistance in a unique linear glass fixture that can meet walk-over requirements.

Mercure and Minimercur are subject to Cataphoresis treatment and are therefore suitable to be installed near the sea (up to 5 metres) or in hostile environments.

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



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## Light-line



LED / 12W / VWFL

	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
	Ra80		117°	
Fixture Power	15W	1	3.25	278
Source Flux	1720lm	2	6.51	69
Fixture Flux	848lm	3	9.76	31
Efficacy	57lm/W	4	13.01	17
EV338	I <sub>max</sub> =161cd/klm	I <sub>max</sub>	278cd	5
			16.27	11

Driver	Colour	3000K	4000K
EL.		<b>1E2274</b>	<b>1E2275</b>

### Note

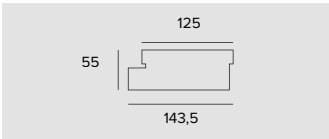
Supplied with an IP68 coaxial connection kit.

IP68: the projector 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.

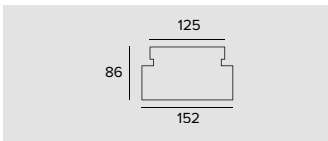
## Related codes

Insertion Box



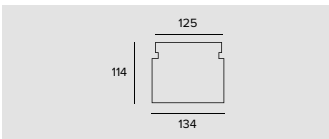
Code
<b>1E2264</b>

Anodized aluminium insertion box available in three different heights to satisfy any installation need.  
Complete with removable end caps for in-line installation.  
Low.  
L=600mm.



Code
<b>1E2265</b>

Anodized aluminium insertion box available in three different heights to satisfy any installation need.  
Complete with removable end caps for in-line installation.  
Medium.  
L=600mm.



Code
<b>1E2266</b>

Anodized aluminium insertion box available in three different heights to satisfy any installation need.  
Complete with removable end caps for in-line installation.  
High.  
L=600mm.

## Accessories

Tool



Code
<b>1E0388</b>

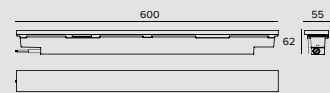
Sucker tool to raise the glass.

### Outdoor

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## MINIMERCURE LED



LED / 8W / VWFL							
	3000K	Insulation		Power supply	Driver	Colour	3000K
	Ra80	CLASS 3		24Vdc			1E3406
	Fixture Power 8W	CLASS 2		220-240Vac	EL.		1E3405
	Source Flux 1260lm						
	Fixture Flux 290lm						
Efficacy 36lm/W							
TS775							
Imax=71cd/klm							
Imax 90cd							

### Note

24Vdc version: 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.

IP68: the projector 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.

## Related codes

Insertion Box	
Code	Code
1E2382	1E2383
Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete. Vertical. L=601mm.	Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete. Horizontal. L=601mm.

Power Supply					
Dimensions LxHxP	W	Power supply	Output voltage	IP	Code
162x32x49	75W	220-240Vac	24Vdc	IP67	1T3586
Electronic power supply.					

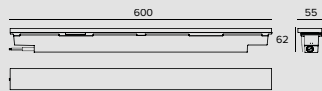
### Note

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

# MERCURE



## MINIMERCURE RGB



LED RGB / 8W / VWFL

			H(m)	D1(m)	D2(m)	Emax(lx)	
			117°	129°			
	Fixture Power	8W	1	3.27	4.16	25	
	Source Flux	83lm	2	6.55	8.31	6	
	Fixture Flux	83lm	3	9.82	12.47	3	
	Efficacy	10lm/W	4	13.09	16.63	2	
TS775	Imax=303cd/klm	Imax	25cd	5	16.37	20.79	1

Power supply	Colour	RGB
24Vdc		1E2381

### Note

Photometrics show the maximum emission values of fixtures.

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.

IP68: the projector 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.

## Related codes

Insertion Box

Code

1E2382

Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete. Vertical. L=601mm.

Code

1E2383

Aluminium insertion boxes with horizontal or vertical development pre-set with removable end caps for installations in continuous rows. Complete with internal supports for installations in concrete. Horizontal. L=601mm.

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.

## Outdoor

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## Accessories

### Cable



Code

**1T1932**

Standard DMX cable (1 twisted pair + shield, 120 Ohm).

### 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.



Code

**1T7944**

Wireless Bluetooth Dimmer capable of handling constant voltage loads of 12V or 24V subdivided into 4 channels with PWM output.

This dimmer must be connected between the 12V or 24V power supply and the constant voltage LED module.

The maximum total current that can be supplied by the control unit is 6A (equivalent to a total of 144W) that can be divided between the 4 outputs.

LxHxP=72.6x18x30mm.

IP20

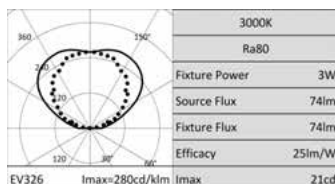
# MERCURE



## MICROMERCURE



### LED / 2,9W / VWFL



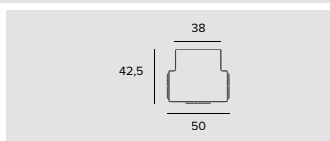
Power supply	Colour	3000K	4000K
12Vdc		<b>1E2267</b>	<b>1E2268</b>

## Note

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

### Insertion Box

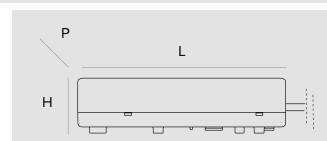


Code

**1E2269**

Galvanized metal insertion box.  
Complete with removable end caps for in-line installation.  
L=300mm.

### Power Supply



Dimensions LxHxP	W	Power supply	Output voltage	IP	Code
145x19x55	10W 20W	110-240Vac 220-240Vac	12Vdc	IP20	<b>T1585</b>
225x51x65	70W	220-240Vac	12Vdc	IP67	<b>T1586</b>

Non-dimmable electronic power supply.

## Accessories

### Control systems



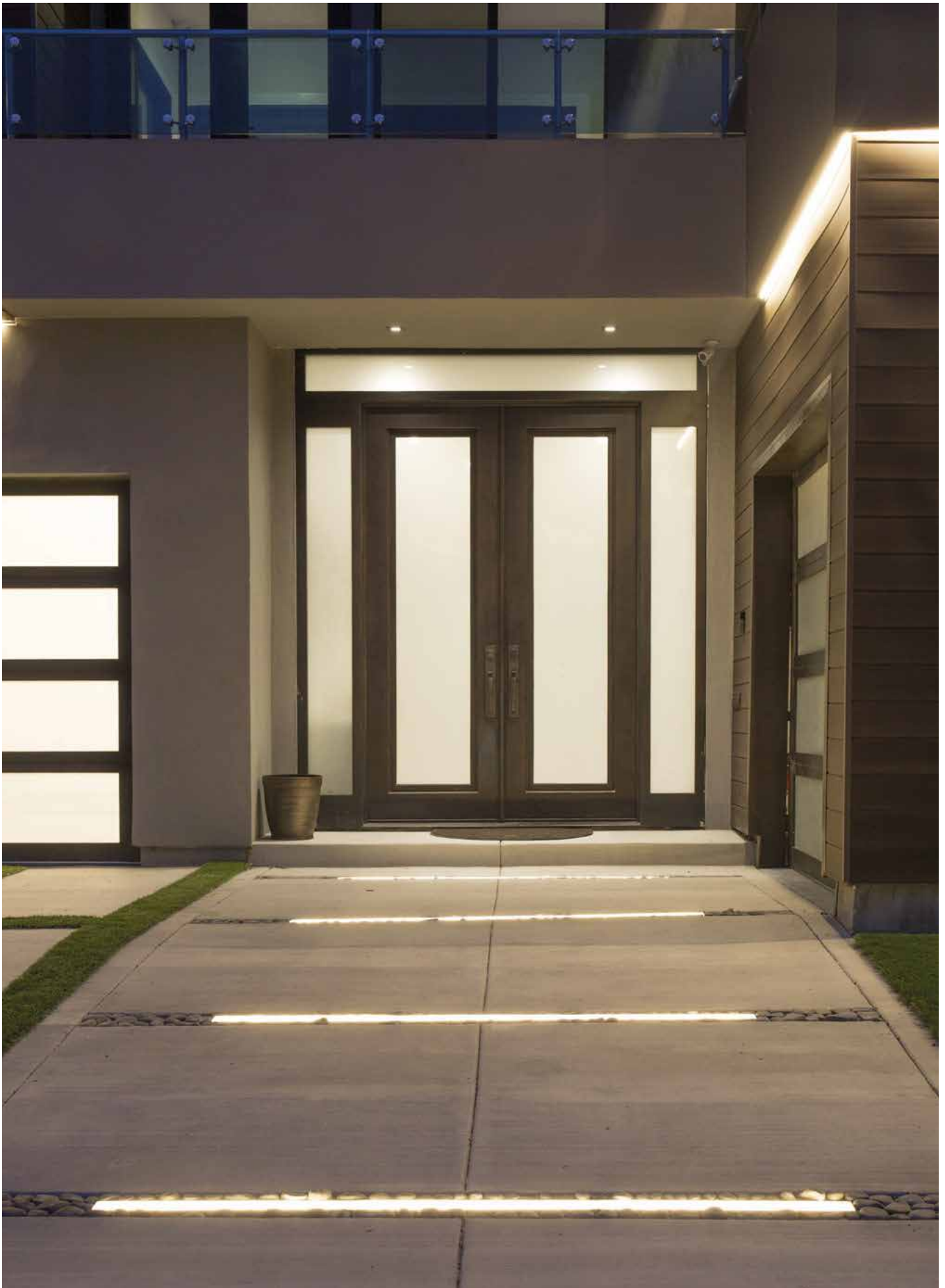
Code

**1T7944**

Wireless Bluetooth Dimmer capable of handling constant voltage loads of 12V or 24V subdivided into 4 channels with PWM output.  
This dimmer must be connected between the 12V or 24V power supply and the constant voltage LED module.  
The maximum total current that can be supplied by the control unit is 6A (equivalent to a total of 144W) that can be divided between the 4 outputs.  
LxHxP=72.6x18x30mm.  
IP20

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## 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	<b>NSP</b>
11°	25°	Spot	<b>SP</b>
26°	40°	Flood	<b>FL</b>
41°	50°	Medium Wide Flood	<b>MWFL</b>
51°	70°	Wide Flood	<b>WFL</b>
71°	120°	Very Wide Flood	<b>VWFL</b>
		Wall Washer	<b>WW</b>
		Narrow Asymmetric	<b>N. ASYM</b>
		Asymmetric	<b>ASYM</b>

## 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".

