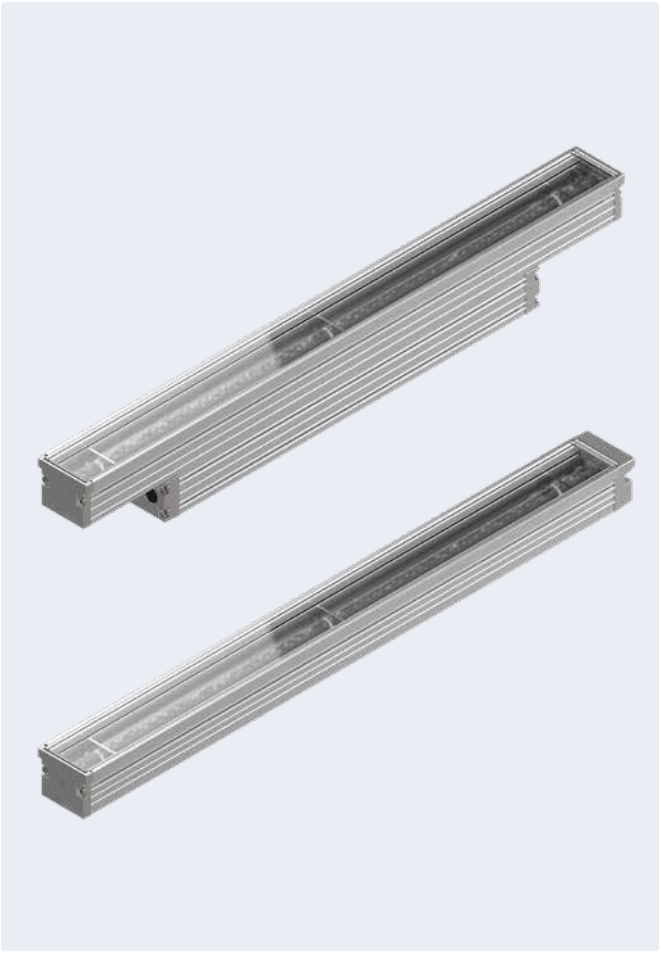
Projectors

JEDI COMPACT

TARGETTI

JEDI COMPACT PROJECTOR



A high performance linear fixture suitable for installation on small grooves or on particularly thin frames. Available with different optical solutions and suitable for lighting pedestrian areas, vaulted ceilings or vertical surfaces. The RGBW version is the perfect tool for scenographic architectural lighting with chromatic effects with multiple shades.

INSTALLATION

Wall-mounted

Surface

LIGHT

Accent

Soft controlled

Wall Washer

Grazing

COLOUR TEMPERATURE

2700K

3000K

3500K

4000K

RGBW

CONTROL

On-Off

Casambi

Dali

DMX

POWER SUPPLY

220-240V

500mA remote driver

RESISTANCE

IK08

PROTECTION RATING

IP66

IP67

FINISH

Aluminium

ON REQUEST

110-277V Power Supply

Ra90

All projectors in the Jedi Compact Outdoor range are available in four different lengths.

The 300mm length versions and those equipped with RGBW sources are only available with remote drivers.

1200 mm

900 mm

600 mm

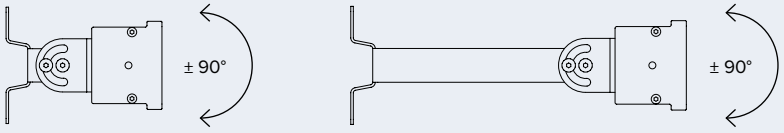
300 mm

The Jedi Compact range is available with different colour temperatures and a RGBW version.
Tunable White LED sources and other personalised colour temperatures are available on request.

High resistance to corrosion
The treatments Jedi Compact is subject to make it highly resistant to corrosion and suitable for installation in coastal areas without salt water spray.

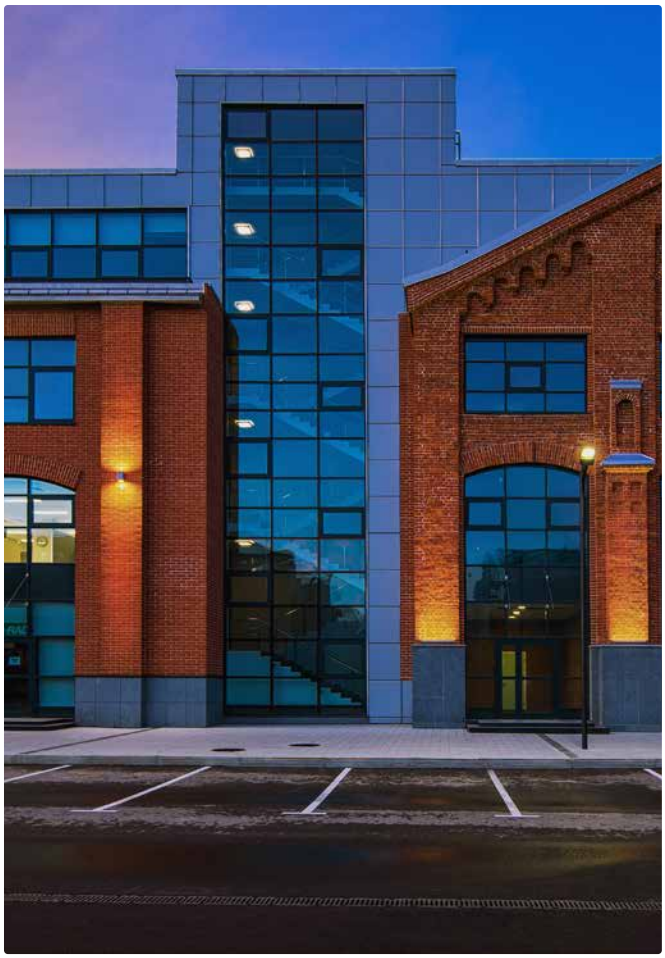
Simplicity in light control
All the JEDI Compact range is available in an electronic ON-OFF version and a DALI version.
The versions with DALI drivers can be controlled with the CASAMBI APP if fitted with the special accessory.
A simple smartphone is enough to create and manage any light scene.

Wide adjustability
Thanks to the special fixing brackets available in two different sizes, it is possible to adjust Jedi Compact Outdoor from -90° to + 90° and to block the aim with an Allen key for maximum reliability during installation.



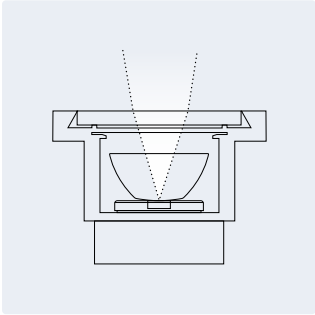
Two bodies to choose from depending on installation characteristics:
with a remote driver when you need a compact profile and with limited installation depth; with an integrated driver when the priority is connection ease.

Atelier
Atelier
Abbigliamento
Gigino Moda



Optic with a lens
The Jedi range is equipped with an exclusive optical system with acrylic lenses positioned on each individual LED emitter for an extremely narrow and controlled beam. The optical system with lenses provides a clear and clean vertical emission limited laterally to the length of the fixture. The following beam openings are available for JEDI and JEDI Compact:

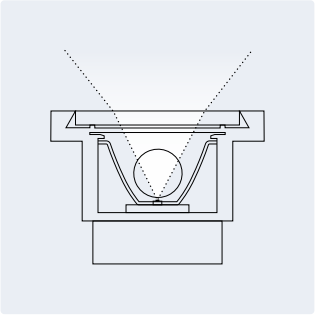
- **Spot**



Spot – Accent light for precise and focused effects

Hybrid optic
The patented hybrid optical system is composed of a linear LED card with a cylindrical glass primary lens combined with a high reflectance anodized aluminium reflector with a holographic filter that softens its emission. With this optical system it is possible to obtain the following effects:

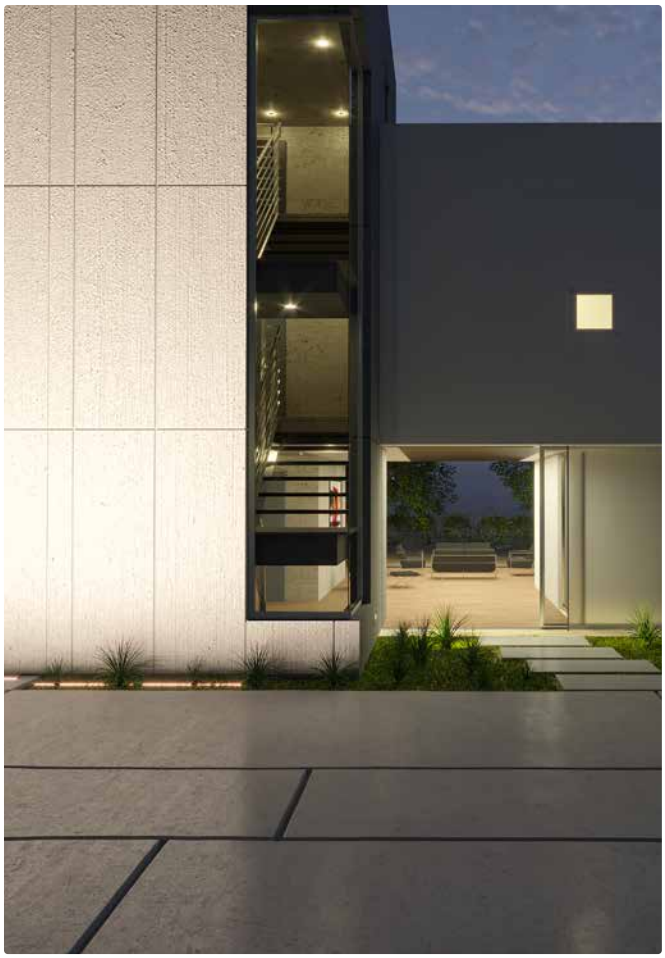
- **Flood**
- **Grazing**
- **Wall washer**

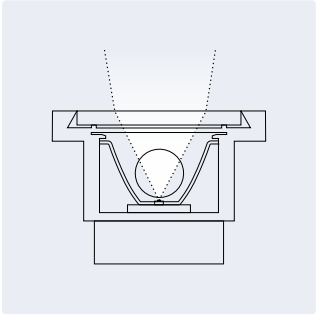


Flood – Soft controlled light for localised effects

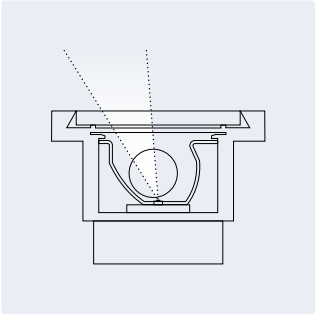
Lighting effects

Jedi has two optical systems both designed by the Targetti Optic Division: hybrid and with lenses that provide different lighting effects.



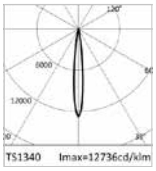


Grazing – Grazing light

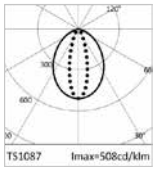


Wall washer – Soft and uniform lighting of vertical or horizontal planes

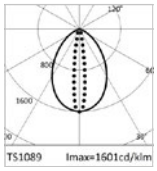
JEDI COMPACT PROJECTOR
Up to 125lm/W
From 752lm to 5717lm
2700K - 3000K - 3500K - 4000K
Ra80



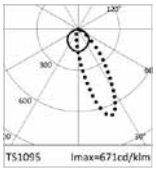
SP 11°



FL 32° - 85°



GRZ 15° - 76°



WW

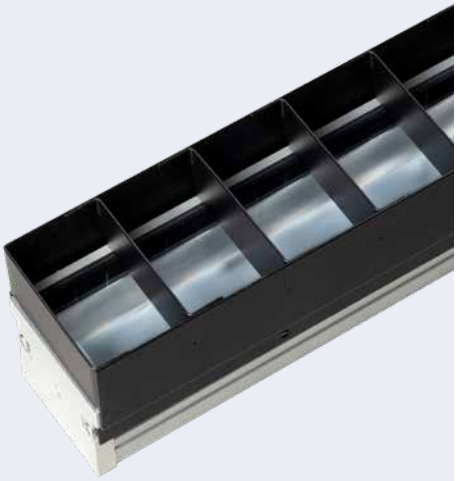
*** The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.**

Colour mixing of RGBW fixtures is managed by DMX RDM drivers.

RGBW Technology

Quadri-chip LED RGBW technology the fixtures are equipped with allows for perfect colour mixing in each individual chip for a uniform and homogeneous result of the highest quality in which the perception of the primary colours that make up the light emitted is cancelled.

Symmetrical anti-glare grid
Available as an accessory for the Jedi Compact projector to limit longitudinal and transversal glare.

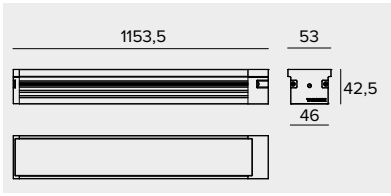


Asymmetrical anti-glare grid
Available as an accessory to limit transversal glare. Particularly suitable for Grazing and Wall Washer optical systems.

Integrated Louvre
Versions with Flood, Grazing and Wall Washer optics can be ordered already equipped with an integrated Louvre with longitudinal slats to limit transversal glare.

JEDI COMPACT Outdoor Projector | Remote driver | L. 1153,5mm

500mA | Ra80 | Fixture flux 3000K from 5141lm to 5717lm

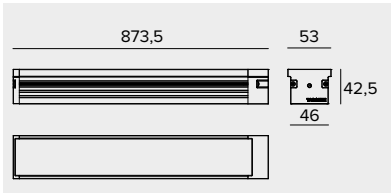


Optic	Colour	2700K	3000K	3500K	4000K
SP 46W		1E3819	1E3820	1E3821	1E3822
FL 48W		1E3256	1E3257	1E3258	1E3259
GRZ 48W		1E3260	1E3261	1E3262	1E3263
WW 48W		1E3264	1E3265	1E3266	1E3267

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector | Remote driver | L. 873,5mm

500mA | Ra80 | Fixture flux 3000K from 3856lm to 4288lm

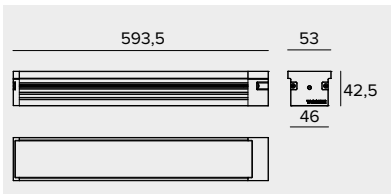


Optic	Colour	2700K	3000K	3500K	4000K
SP 35W		1E3815	1E3816	1E3817	1E3818
FL 36W		1E3244	1E3245	1E3246	1E3247
GRZ 36W		1E3248	1E3249	1E3250	1E3251
WW 36W		1E3252	1E3253	1E3254	1E3255

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector | Remote driver | L. 593,5mm

500mA | Ra80 | Fixture flux 3000K from 2501lm to 2858lm

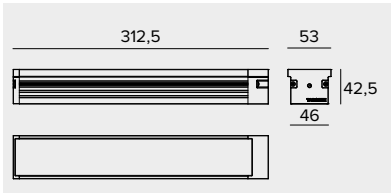


Optic	Colour	2700K	3000K	3500K	4000K
SP 23W		1E3811	1E3812	1E3813	1E3814
FL 24W		1E3232	1E3233	1E3234	1E3235
GRZ 24W		1E3236	1E3237	1E3238	1E3239
WW 24W		1E3240	1E3241	1E3242	1E3243

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector | Remote driver | L. 312,5mm

500mA | Ra80 | Fixture flux 3000K from 1285lm to 1429lm

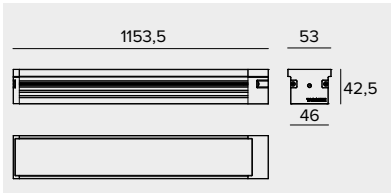


Optic	Colour	2700K	3000K	3500K	4000K
SP 12W		1E3807	1E3808	1E3809	1E3810
FL 12W		1E3220	1E3221	1E3222	1E3223
GRZ 12W		1E3224	1E3225	1E3226	1E3227
WW 12W		1E3228	1E3229	1E3230	1E3231

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 1153,5mm

500mA | Ra80 | Fixture flux 3000K from 3007lm to 3901lm

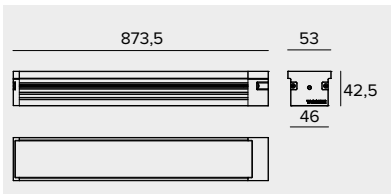


Optic	Colour	2700K	3000K	3500K	4000K
FL 48W		1E3343	1E3344	1E3345	1E3346
GRZ 48W		1E3347	1E3348	1E3349	1E3350
WW 48W		1E3351	1E3352	1E3353	1E3354

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 873,5mm

500mA | Ra80 | Fixture flux 3000K from 2255lm to 2926lm

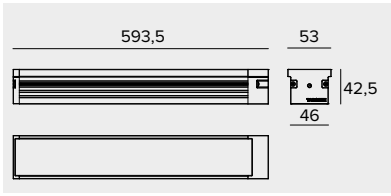


Optic	Colour	2700K	3000K	3500K	4000K
FL 36W		1E3331	1E3332	1E3333	1E3334
GRZ 36W		1E3335	1E3336	1E3337	1E3338
WW 36W		1E3339	1E3340	1E3341	1E3342

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 593,5mm

500mA | Ra80 | Fixture flux 3000K from 1503lm to 1950lm

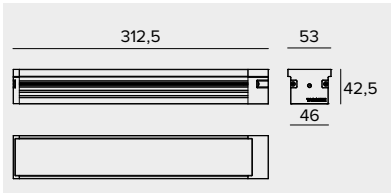


Optic	Colour	2700K	3000K	3500K	4000K
FL 24W		1E3319	1E3320	1E3321	1E3322
GRZ 24W		1E3323	1E3324	1E3325	1E3326
WW 24W		1E3327	1E3328	1E3329	1E3330

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector Louvre | Remote driver | L. 312,5mm

500mA | Ra80 | Fixture flux 3000K from 752lm to 975lm

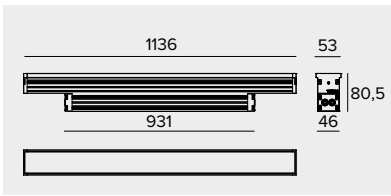


Optic	Colour	2700K	3000K	3500K	4000K
FL 12W		1E3307	1E3308	1E3309	1E3310
GRZ 12W		1E3311	1E3312	1E3313	1E3314
WW 12W		1E3315	1E3316	1E3317	1E3318

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector | Integrated driver | L. 1136mm

220-240Vac | Ra80 | Fixture flux 3000K from 5141lm to 5717lm

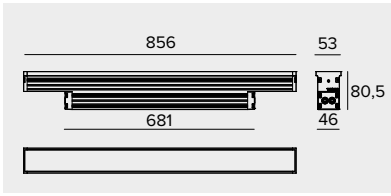


Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 51W	ON-OFF		1E3831EL	1E3832EL	1E3833EL	1E3834EL
	DALI		1E3831DA	1E3832DA	1E3833DA	1E3834DA
FL 53W	ON-OFF		1E3292EL	1E3293EL	1E3294EL	1E3295EL
	DALI		1E3292DA	1E3293DA	1E3294DA	1E3295DA
GRZ 53W	ON-OFF		1E3296EL	1E3297EL	1E3298EL	1E3299EL
	DALI		1E3296DA	1E3297DA	1E3298DA	1E3299DA
WW 53W	ON-OFF		1E3300EL	1E3301EL	1E3302EL	1E3303EL
	DALI		1E3300DA	1E3301DA	1E3302DA	1E3303DA

Note Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector | Integrated driver | L. 856mm

220-240Vac | Ra80 | Fixture flux 3000K from 3856lm to 4288lm

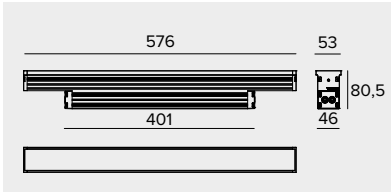


Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 38W	ON-OFF		1E3827EL	1E3828EL	1E3829EL	1E3830EL
	DALI		1E3827DA	1E3828DA	1E3829DA	1E3830DA
FL 40W	ON-OFF		1E3280EL	1E3281EL	1E3282EL	1E3283EL
	DALI		1E3280DA	1E3281DA	1E3282DA	1E3283DA
GRZ 40W	ON-OFF		1E3284EL	1E3285EL	1E3286EL	1E3287EL
	DALI		1E3284DA	1E3285DA	1E3286DA	1E3287DA
WW 40W	ON-OFF		1E3288EL	1E3289EL	1E3290EL	1E3291EL
	DALI		1E3288DA	1E3289DA	1E3290DA	1E3291DA

Note Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector | Integrated driver | L. 576mm

220-240Vac | Ra80 | Fixture flux 3000K from 2570lm to 2858lm

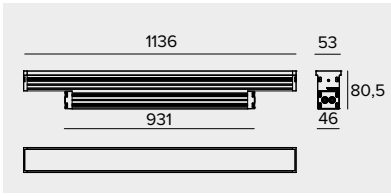


Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 26W	ON-OFF		1E3823EL	1E3824EL	1E3825EL	1E3826EL
	DALI		1E3823DA	1E3824DA	1E3825DA	1E3826DA
FL 28W	ON-OFF		1E3268EL	1E3269EL	1E3270EL	1E3271EL
	DALI		1E3268DA	1E3269DA	1E3270DA	1E3271DA
GRZ 28W	ON-OFF		1E3272EL	1E3273EL	1E3274EL	1E3275EL
	DALI		1E3272DA	1E3273DA	1E3274DA	1E3275DA
WW 28W	ON-OFF		1E3276EL	1E3277EL	1E3278EL	1E3279EL
	DALI		1E3276DA	1E3277DA	1E3278DA	1E3279DA

Note Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector Louvre | Integrated driver | L. 1136mm

220-240Vac | Ra80 | Fixture flux 3000K from 3007lm to 3901lm

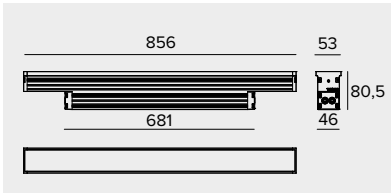


Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 53W	ON-OFF		1E3379EL	1E3380EL	1E3381EL	1E3382EL
	DALI		1E3379DA	1E3380DA	1E3381DA	1E3382DA
GRZ 53W	ON-OFF		1E3383EL	1E3384EL	1E3385EL	1E3386EL
	DALI		1E3383DA	1E3384DA	1E3385DA	1E3386DA
WW 53W	ON-OFF		1E3387EL	1E3388EL	1E3389EL	1E3390EL
	DALI		1E3387DA	1E3388DA	1E3389DA	1E3390DA

Note Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector Louvre | Integrated driver | L. 856mm

220-240Vac | Ra80 | Fixture flux 3000K from 2255lm to 2926lm

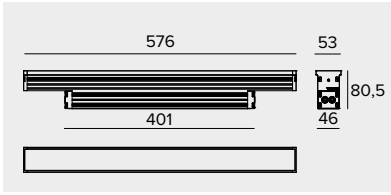


Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 40W	ON-OFF		1E3367EL	1E3368EL	1E3369EL	1E3370EL
	DALI		1E3367DA	1E3368DA	1E3369DA	1E3370DA
GRZ 40W	ON-OFF		1E3371EL	1E3372EL	1E3373EL	1E3374EL
	DALI		1E3371DA	1E3372DA	1E3373DA	1E3374DA
WW 40W	ON-OFF		1E3375EL	1E3376EL	1E3377EL	1E3378EL
	DALI		1E3375DA	1E3376DA	1E3377DA	1E3378DA

Note Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor Projector Louvre | Integrated driver | L. 576mm

220-240Vac | Ra80 | Fixture flux 3000K from 1503lm to 1950lm

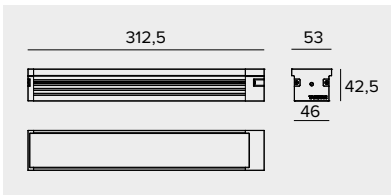


Optic	Driver	Colour	2700K	3000K	3500K	4000K
FL 28W	ON-OFF		1E3355EL	1E3356EL	1E3357EL	1E3358EL
	DALI		1E3355DA	1E3356DA	1E3357DA	1E3358DA
GRZ 28W	ON-OFF		1E3359EL	1E3360EL	1E3361EL	1E3362EL
	DALI		1E3359DA	1E3360DA	1E3361DA	1E3362DA
WW 28W	ON-OFF		1E3363EL	1E3364EL	1E3365EL	1E3366EL
	DALI		1E3363DA	1E3364DA	1E3365DA	1E3366DA

Note Related codes and accessory codes on page 17.

JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 1153,5mm

500mA | Fixture flux up to 2616lm | RGBW W=3000K

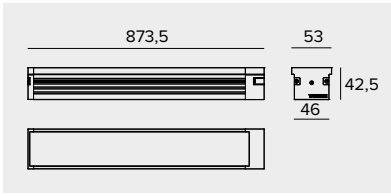


Optic	Colour	RGBW
FL 48W		1E4306
GRZ 48W		1E4307
WW 48W		1E4308

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
Related codes and accessory codes on page 18.

JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 873,5mm

500mA | Fixture flux up to 1962lm | RGBW W=3000K

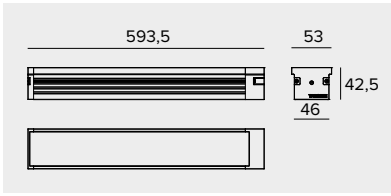


Optic	Colour	RGBW
FL 36W		**1E4303**
GRZ 36W		**1E4304**
WW 36W		**1E4305**

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 18.

JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 593,5mm

500mA | Fixture flux up to 1308lm | RGBW W=3000K

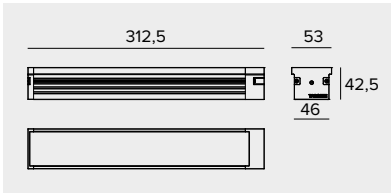


Optic	Colour	RGBW
FL 24W		**1E4300**
GRZ 24W		**1E4301**
WW 24W		**1E4302**

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 18.

JEDI COMPACT Outdoor RGBW Projector | Remote driver | L. 312,5mm

500mA | Fixture flux up to 654lm | RGBW W=3000K

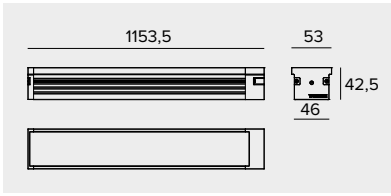


Optic	Colour	RGBW
FL 12W		**1E4297**
GRZ 12W		**1E4298**
WW 12W		**1E4299**

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 18.

JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 1153,5mm

500mA | Fixture flux up to 1825lm | RGBW W=3000K

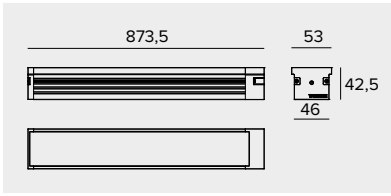


Optic	Colour	RGBW
FL 48W		**1E4318**
GRZ 48W		**1E4319**
WW 48W		**1E4320**

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 18.

JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 873,5mm

500mA | Fixture flux up to 1368lm | RGBW W=3000K

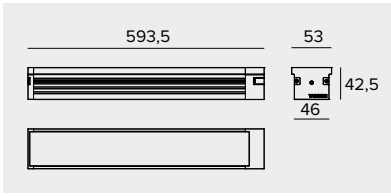


Optic	Colour	RGBW
FL 36W		**1E4315**
GRZ 36W		**1E4316**
WW 36W		**1E4317**

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 18.

JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 593,5mm

500mA | Fixture flux up to 912lm | RGBW W=3000K

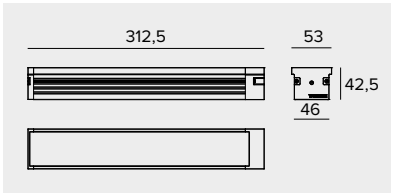


Optic	Colour	RGBW
FL 24W		**1E4312**
GRZ 24W		**1E4313**
WW 24W		**1E4314**

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Related codes and accessory codes on page 18.

JEDI COMPACT Outdoor RGBW Projector Louvre | Remote driver | L. 312,5mm

500mA | Fixture flux up to 456lm | RGBW W=3000K



Optic	Colour	RGBW
FL 12W		1E4309
GRZ 12W		1E4310
WW 12W		1E4311

Note Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.
Related codes and accessory codes on page 18.

Related codes and accessories

JEDI COMPACT Outdoor Projector

Related codes

Power Supply

Code **1E3557**

EL power supply version kit composed of an aluminium watertight box (LxHxP=270x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 3G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 312.5/344mm versions.

Code **1E3558**

EL power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 3G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 593.5/625/873.5/905/1153.5/1185mm versions.

Code **1E3559**

DALI power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 5G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 312.5/344/593.5/625mm versions.

Code **1E3560**

DALI power supply version kit composed of an aluminium watertight box (LxHxP=486x49,5x44mm) complete with power supply input cable (1 metre, type H07RN8-F, 5G1mm²) and an output cable to the fixture (1 metre, type H07RN8-F, 3G1mm²).
For the L 873.5/905/1153.5/1185mm versions.

Accessory codes

Connector

Code **1E2769**

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

Code **1E2494**

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Code **1E3184**

IP68 4-way cable connector (5 pole).

Control systems

Code **1E3048**

IP67 wireless control unit with DALI interface.
More details on page 672.

Code **1E4369**

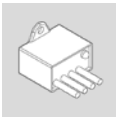
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
More details on page 672.

Related codes and accessories

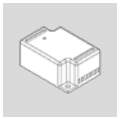
JEDI COMPACT Outdoor Projector

Accessory codes

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



Code	
A013C	Surge protector compatible with CLASS I lighting fixtures. DALI, DMX, 0-10V datalines compliance. Operating voltage 230Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP20

Related codes and accessories

JEDI COMPACT Outdoor RGBW Projector

Related codes

Power Supply

Code	
1E4271	DMX RDM 4 channel RGBW driver - 500mA. 50W, LxHxP=250x82x140mm, 120-277Vac. IP68 gray powder coated aluminum box.

Accessory codes

Connector

Code	
1E4362	Linear connection box IP66/IP68. 8 poles.

Control systems

Code	
1E2767	USB-RDM Programmer code. More details on page 678.

Code	
1T1898	my-SCENARIO Show Store. More details on page 678.

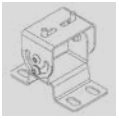
Code	
1T6499	myScenario Wall. More details on page 678.

Related codes and accessories

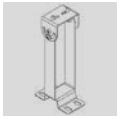
JEDI COMPACT | Codes compatible with the whole range

Related codes

Bracket



Code	
1E3304	Stainless steel short bracket kit for surface installation (2 pieces). Rotation +/-90°.



Code	
1E3306	Stainless steel long bracket kit for surface installation (2 pieces). Rotation +/-90°.

Related codes and accessories

JEDI COMPACT | Codes compatible with the whole range

Accessory codes

Grid

L mm	H mm	P mm	Colour	Code
280	48	57	●	**1E3900**
560	48	57	●	**1E3901**
840	48	57	●	**1E3902**
1120	48	57	●	**1E3903**

Symmetric grid in stainless steel, powder-painted.
External mounting respect to fixture.
To be used with SPOT, FLOOD and GRAZING optics.

L mm	H mm	P mm	Colour	Code
280	48	57	●	**1E3904**
560	48	57	●	**1E3905**
840	48	57	●	**1E3906**
1120	48	57	●	**1E3907**

Asymmetric grid in stainless steel, powder-painted.
External mounting respect to fixture.

Ray Shade

L mm	H mm	P mm	Colour	Code
290	48	59	●	**1E3908**
570	48	59	●	**1E3909**
850	48	59	●	**1E3910**
1130	48	59	●	**1E3911**

Hood in stainless steel, powder-painted.
External mounting respect to fixture.

L mm	H mm	Colour	Code
296	54	●	**1E3912**
576	54	●	**1E3913**
856	54	●	**1E3914**
1136	54	●	**1E3915**

Adjustable hood in stainless steel, powder-painted.
External mounting respect to fixture.

Tool

Code
1E3305

Tightening wrench for the connector kit.

LIGHT MANAGEMENT SYSTEM

HOW WE CONTROL OUR FIXTURES

Dali

The fixture is equipped with a driver that provides a connection to a BUS DALI system for overall management of the system.

DALI is the acronym for “Digital Addressable Lighting Interface”, an international standard protocol compliant with IEC EN 62386 that guarantees the interchangeability of dimmable electronic power supplies from different manufacturers. It is used in building automation. It can be used for medium-sized and large projects and entails a preventive design with special cable routing.
Many fixtures in the Targetti collection have DALI drivers and are therefore compatible with home automation systems that integrate lighting into building automation.

Dimm on board

The fixture is dimmed using a commutator located inside it.

The simplest system for dimming light fixtures. A commutator inside the fixtures makes it possible to intervene manually and regulate the intensity of the light emission to modulate the light according to actual project needs.

CASAMBI

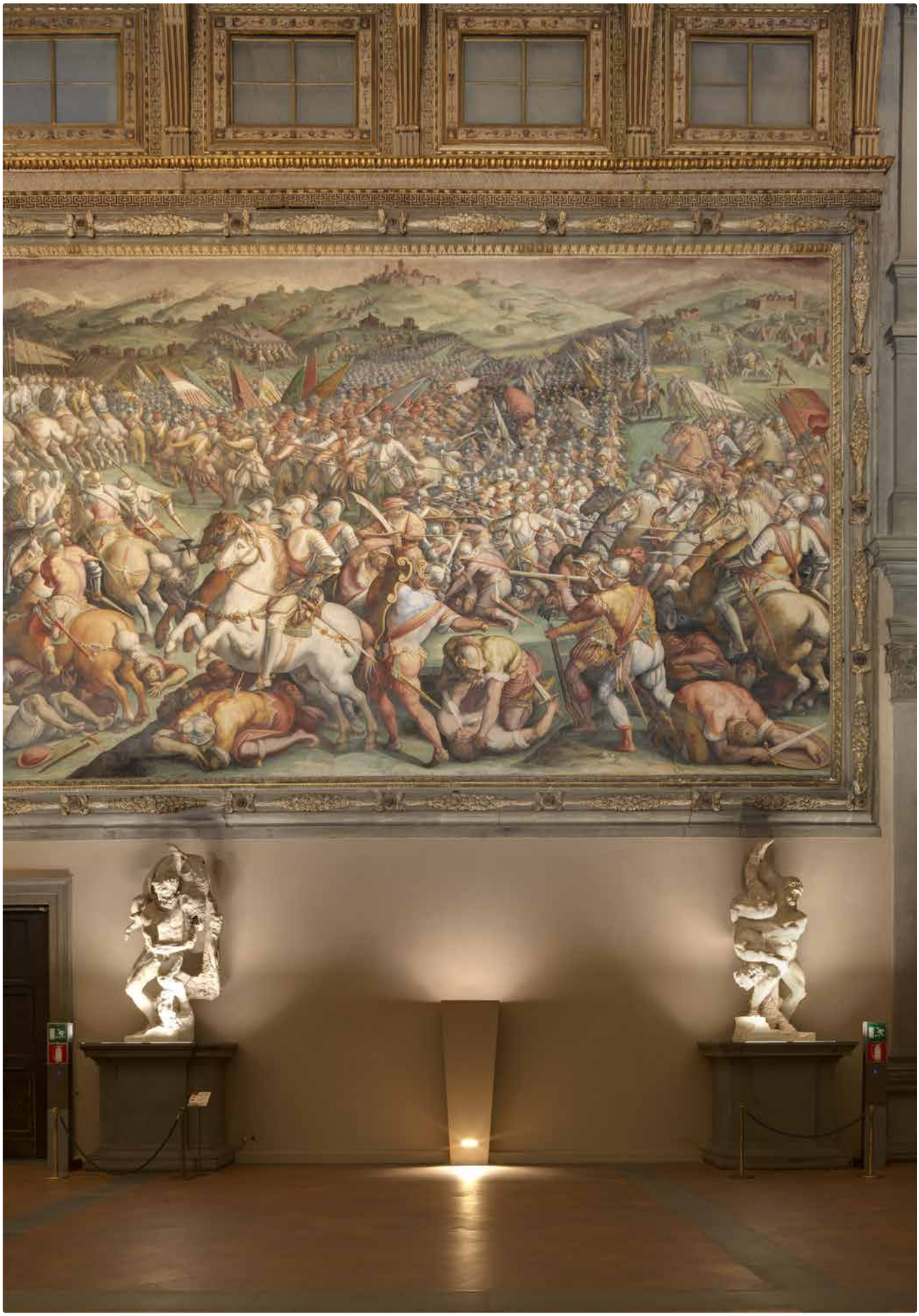
Targetti Control powered by Casambi

Fixtures are controlled via wireless or Bluetooth by a smartphone or a tablet without the need for any other hardware. For Casambi on board fixtures or those equipped with DALI drivers.

LMS is the Targetti home automation lighting control system that makes it possible to manage lighting systems in wireless mode. Designed for both the consumer and professional markets LMS is the result of a combination of components from Casambi, a leading company producing wireless lighting control solutions, and Targetti light fixtures.

DMX

RGB, RGBW and Tunable White fixtures are controlled using a DMX protocol. Software and touch screen interfaces are available to manage and create static and dynamic lighting scenes.



TARGETTI CONTROL

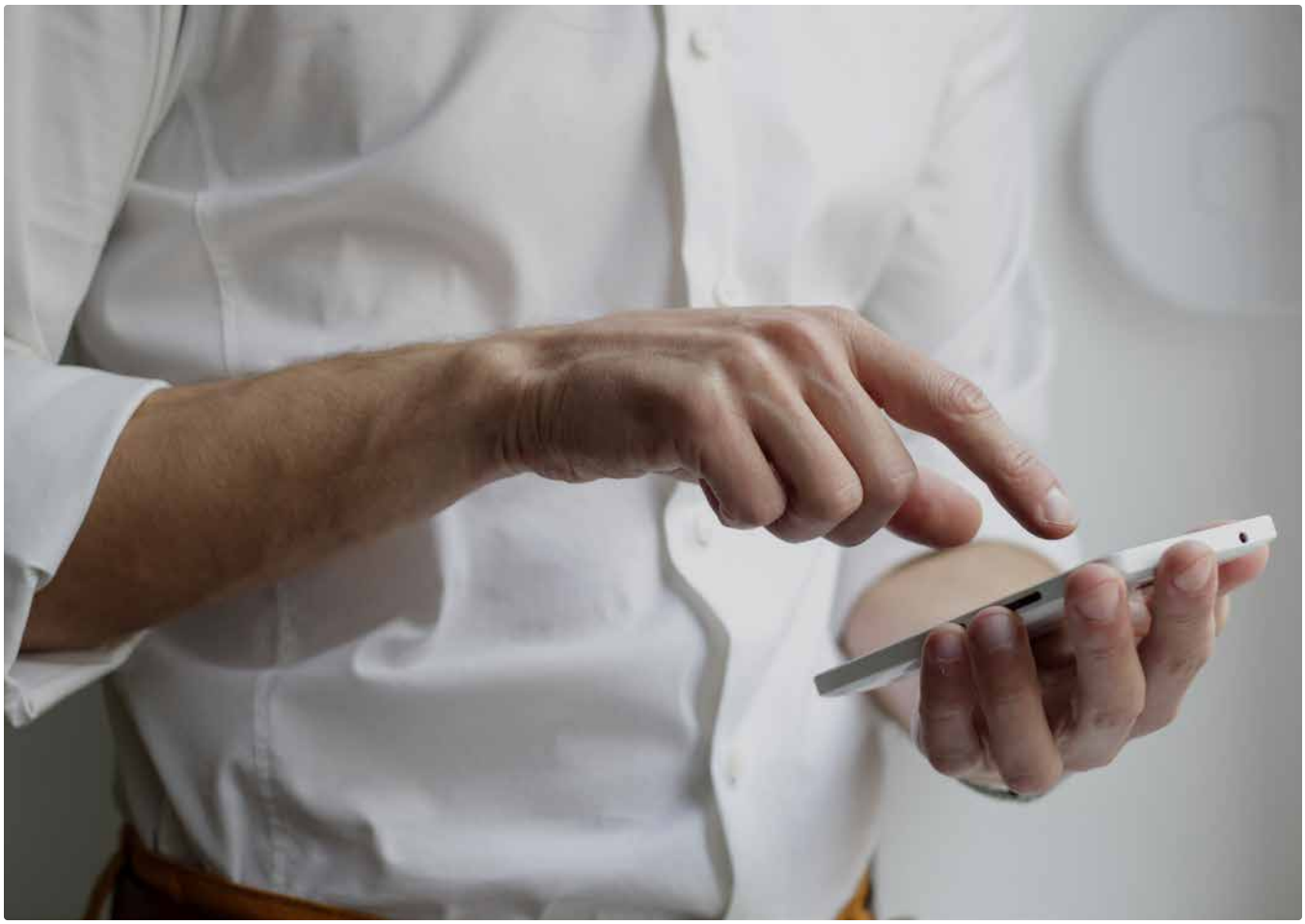
Powered by Casambi

LMS is the Targetti wireless home automation system that can manage even the most complex lighting systems. Designed for the consumer and the professional market, LMS is the result of the combination of components from Casambi - a leading company producing wireless lighting control solutions - and Targetti light fixtures.

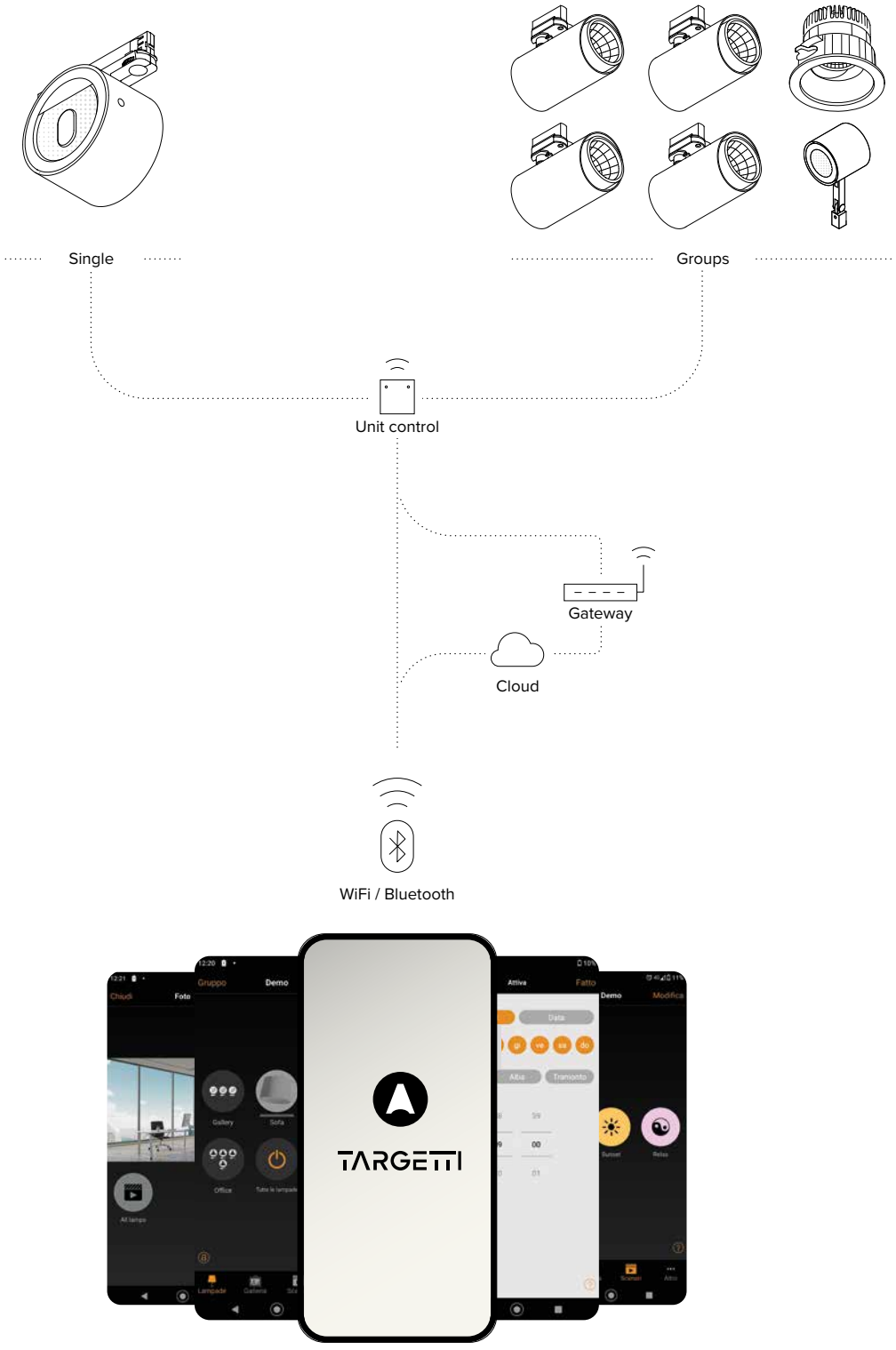
iOS and Android apps
Thanks to the intuitive simplicity of the app developed by Casambi for iOS and Android, LMS ensures system operational readiness. You just need a phone or another mobile device and anyone can create and manage a lighting network singlehandedly by controlling every fixture individually or in groups depending on the needs and the functions required. Managing the system using a standard handset is also made possible with the use of specific accessories.

Extreme usability
The ease of use and programming of the system makes it easy to manage without the use of special control units or assistance from specialised technicians. The application recognises and associates the Targetti fixtures that are installed in the space automatically by using the BLE (Casambi Bluetooth Low Energy) proprietary protocol to communicate with the various fixtures. No Internet connection is necessary except for synchronisation functions or remote access.

Mesh self-healing network
LMS allows the final user to generate adaptive and multipoint networks: “adaptive” because every fixture can work as a buffer for all the others, adapting automatically to various contexts to optimise control signal propagation; “multipoint” because you can connect up to 250 fixtures on each network without any limit on the number of networks. The result is strong, reliable and affordable networks that manage the system, the profiles of individual fixtures and access rights.



Installation sequence



① Choose Targetti fixtures by opting for the Targetti Casambi Ready package or Casambi accessory components

② Download the Casambi iOS or Android App depending on the device used

③ Launch the App: the fixtures in operation will be detected automatically

④ Create one or two networks depending on the characteristics of the environment

⑤ Create groups of devices as needed

⑥ Program scenes and/or sequences.

⑦ Set the level of network sharing

TC — Functions

Control Type
Casambi control can be done using:
- Buttons and switches (manual control)
- App (manual digital control)
- Sensors and timers (automatic digital control)

Grouping
Different fixtures can be grouped together to be managed all together or individually. Grouping is easy and the same as grouping apps on smart devices.

Scenes
It is possible to:
- create lighting scenes for different occasions;
- manage several fixtures with just one touch to create the perfect atmosphere for specific needs;
- Use the same fixture in different scenes.

Tunable control
Casambi provides complete colour temperature control for those permitted in the range for LED sources. Just swipe your finger over the icon for the source to change the colour temperature.

Animation
It is possible to create dynamic scenes with fades from scene to scene. Animated scenes can be recalled again or repeated as required. It is possible to set both the duration of each scene and fade times between scenes.

Gallery
The exclusive gallery function makes control intuitive. Taking a photo of an environment or uploading a floor plan on the app it is possible to mark the fixtures and then recall them. Images are saved in a special gallery on the app with the fixtures displayed. Users only have to touch the ones they want to manage.

Gateway
With the gateway function it is possible to access a Casambi network remotely. Casambi enabled fixtures can be managed and network settings (administration rights required) can be changed. To enable the remote access feature, an iOS or Android device must act as a gateway on the Casambi network.

Adaptable
The Casambi system is adaptable to both simple as well as more complex projects. It is based on the possibility to create an unlimited number of networks that can be turned on and off.

Calendar
With the calendar and timer function it is possible to activate and deactivate scenes and animated scenes based on parameters such as: timetables, weekly scheduling, seasonality etc. This makes it possible to meet the needs of different users and the environments to be lit. All Casambi units keep track of time.

Casambi Accessories

External accessories with simple electric cables make it possible to control Targetti fixtures in wireless mode.
For a clear and easy choice for the correct accessories, please refer to the explanatory table on page 26 that shows:

- An alphabetical list of the Targetti fixtures that are compatible with Casambi accessories
- Product variants that are compatible with Casambi accessories (only some variants of the same product can be controlled by the LMS system)
- Compatible accessories (descriptions and technical characteristics are listed below)
- Wiring diagram

Gateway DALI/Casambi available that allows fixtures fitted with mesh Bluetooth Casambi technology to interface with a traditional DALI system and to be adjusted by a DALI control unit. For further information seethe website.

CONTROL UNIT IP20 - DALI

1T5349

IP20 wireless control unit with DALI interface. It generates a local DALI2 bus, enhabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology. The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures. The control unit is preset to the DALI 1CH profile, maning the device can control a single DALI driver with broadcast commands. In addition to the DALI broadcast, other operating modes are available, such as: button (normally open), control unit 0/1-10V, control unit DALI Tunable White DT8, presence sensor.
If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.

Power supply	220-240 VAC
Power	1,1W - PF 0,6
Max current	0,6 Amp AC
Max n. DALI driver	1
Max n. 1-10v driver	1
Dimensions	102x25x36mm
Exit	1-10V / DALI

EXTENDER IP20 - DALI

2T0131

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. It has a DALI2 output with the capacity to control up to 40 lighting fixtures. With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures. IP20 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level. In addition to the DALI broadcast other operating modes are available, such as: Extender DALI 8CH, Extender DALI Tunable White, Extender 0/1-10V, Extender DALI 4CH, Extender DALI DT8 Tunable White.
If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.

Power supply	100-240 VAC
Power	2,7W - PF 0,6
Max current	6 Amp AC
Max n. DALI driver	64
Max n. 1-10v driver	30
Dimensions	130x22x30mm.

CONTROL MODULE IP67 - DALI

1E3048

IP67 wireless control unit with DALI interface. It generates a local DALI2 bus, enhabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology. The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures. The control unit is preset to the DALI 1CH profile, maning the device can control a single DALI driver with broadcast commands.
In addition to the DALI broadcast, other operating modes are available, such as: button (normally open), control unit 0/1-10V, control unit DALI Tunable White DT8, presence sensor.
If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.

Power supply	100-240 VAC
Power	1,1W - PF 0,6
Max current	0,6 Amp AC
Max n. DALI driver	1
Max n. 1-10v driver	1
Dimensions	108x28x65mm.

EXTENDER IP67 - DALI

1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. It has a DALI2 output with the capacity to control up to 40 lighting fixtures. With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures. IP67 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level. In addition to the DALI broadcast other operating modes are available, such as: Extender DALI 8CH, Extender DALI Tunable White, Extender DALI 4CH, Extender DALI DT8 Tunable White.
If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.

Power supply	100-240 VAC
Power	2,7W - PF 0,6
Max current	6 Amp AC
Max n. DALI driver	64
Max n. 1-10v driver	30
Dimensions	148x40x150mm

XPRESS

1T5350 Black **2T0132** White

Xpress is a wall mounted wireless user interface; it can be installed wherever the user chooses thanks to battery power with autonomy of 2-3 years providing direct access to all the most important CASAMBI system control functions. As well as switching the fixtures on and off, Xpress controls dimming, colour temperature change in fixtures equipped with this technology, and control of individual fixtures and lighting scene or sequence management.

Dimensions	90x12x90mm

BRIDGE DALI/CASAMBI

1T8173CA

Bridge DALI/Casambi: a fixture that allows fixtures equipped with mesh Bluetooth Casambi to interface with a traditional DALI system and to be adjusted by a DALI control unit. Inside the usual DALI circuit it is possible to have a maximum of 64 cabled DALI and Casambi wireless devices. It only works with Casambi Evolution networks.
The DALI Bridge is transparent in the DALI system, and therefore does not require an address. There is no need for a power supply given that it is supplied directly by the DALI bus. To provide IP68 rating to the fixture complete with code 1E3184.

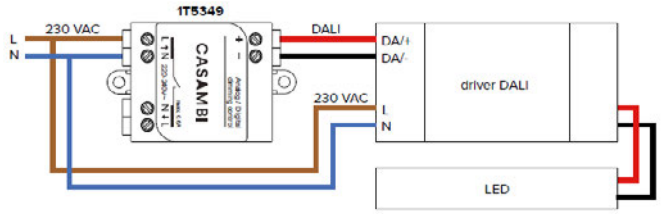
Dimensions	40,4x14x36,3mm

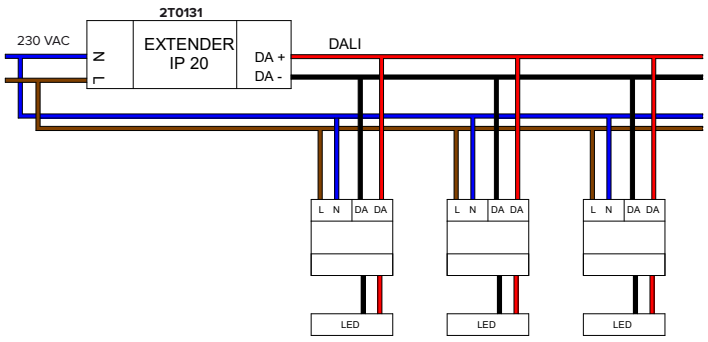
Quadro sinottico accessori Casambi

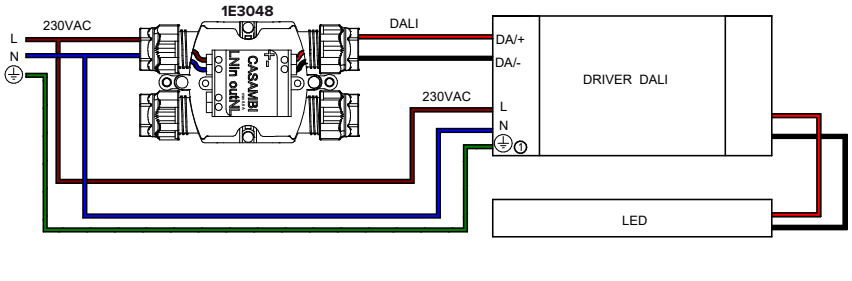
Product		Variant	1T5349 Control module IP20	2T0131 Extender IP20	1E3048 Control module IP67	1E4369 Extender IP67	Schema Pag. 28
	BEBOP RECESSED	DALI Version	●	●			01 - 02
	CCTEVO ARCHITECTURAL	DALI Version	●	●			01 - 02
	CCTEVO DOWNLIGHT	DALI Version	●	●			01 - 02
	CCTEVO TUBE	DALI Version	●	●			01 - 02
	CCTEVO EXTRACTABLE	DALI Version	●	●			01 - 02
	CCTEVO WW	DALI Version	●	●			01 - 02
	CCTLED DOWNLIGHT	DALI Version	●	●			01 - 02
	CORO	With DALI driver	●	●			01 - 02
	DART	DALI Version			●	●	03 - 04
	DART ROUND	DALI Version			●	●	03 - 04
	FEBO EVO	DALI Version			●	●	03 - 04
	FORTYEIGHT LABEL	DALI Version		●			02
	FORTYEIGHT LOGICO 30	DALI Version		●			02
	HALL	DALI Version	●	●			01 - 02
	JEDI	DALI Version			●	●	03 - 04
	JEDI RECESSED	DALI Version			●	●	03 - 04
	JEDI COMPACT INDOOR	DALI Version	●	●			01 - 02
	JEDI COMPACT OUTDOOR	DALI Version			●	●	03 - 04
	JEDI COMPACT OUTDOOR RECESSED	DALI Version			●	●	03 - 04
	JUPITER PRO	With DALI controller			●	●	03 - 04
	KEPLERO 160 - KEPLERO 280	DALI Version			●	●	03 - 04

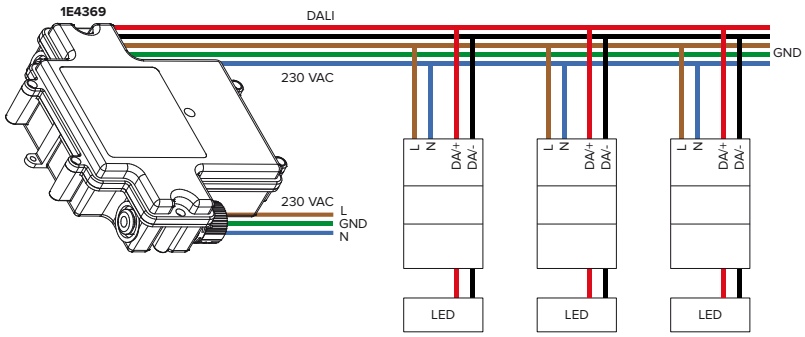
Product		Variant	1T5349 Control module IP20	2T0131 Extender IP20	1E3048 Control module IP67	1E4369 Extender IP67	Schema Pag. 28
	KEPLERO 50 - KEPLERO 80	With DALI controller			●	●	03 - 04
	LABEL 230V	DALI Version	●	●			01 - 02
	LABEL	DALI Version		●			02
	LOGICO EASY STAND ALONE	DALI Version	●	●			01 - 02
	LOGICO EASY SYSTEM	DALI Version	●	●			01 - 02
	LOGICO SYSTEM	DALI Version	●	●			01 - 02
	Mr. BO	DALI Version			●	●	03 - 04
	Mrs. BO BOLLARD	DALI Version			●	●	03 - 04
	Mrs. BO WALL	With DALI controller			●	●	03 - 04
	Mrs. BO PATH	With DALI controller			●	●	03 - 04
	Mr. SMITH	DALI Version			●	●	03 - 04
	Mrs. SMITH	DALI Version			●	●	03 - 04
	OMEGA	DALI Version	●	●			01 - 02
	OZ STAND ALONE CEILING	DALI Version	●	●			01 - 02
	OZ STAND ALONE RECESSED	With DALI driver	●	●			01 - 02
	THREESIXTY	DALI Version	●	●			01 - 02
	VOLTA	With DALI driver	●	●	●	●	01 - 02 03 - 04
	ZEDGE - ZEDGE BOLLARD	With DALI controller			●	●	03 - 04
	ZEDGE LINE	DALI Version and with DALI controller			●	●	03 - 04
	ZEDGE PRO	DALI Version			●	●	03 - 04
	ZENO APPLIQUE	DALI Version	●	●			01 - 02

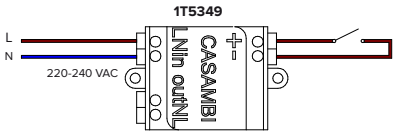
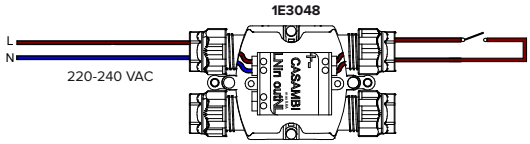
Wiring diagrams

01	1T5349
Single DALI control IP20	

02	2T0131
DALI multiple control IP20	

03	1E3048
DALI single control IP67	

04	1E4369
DALI multiple control IP67	

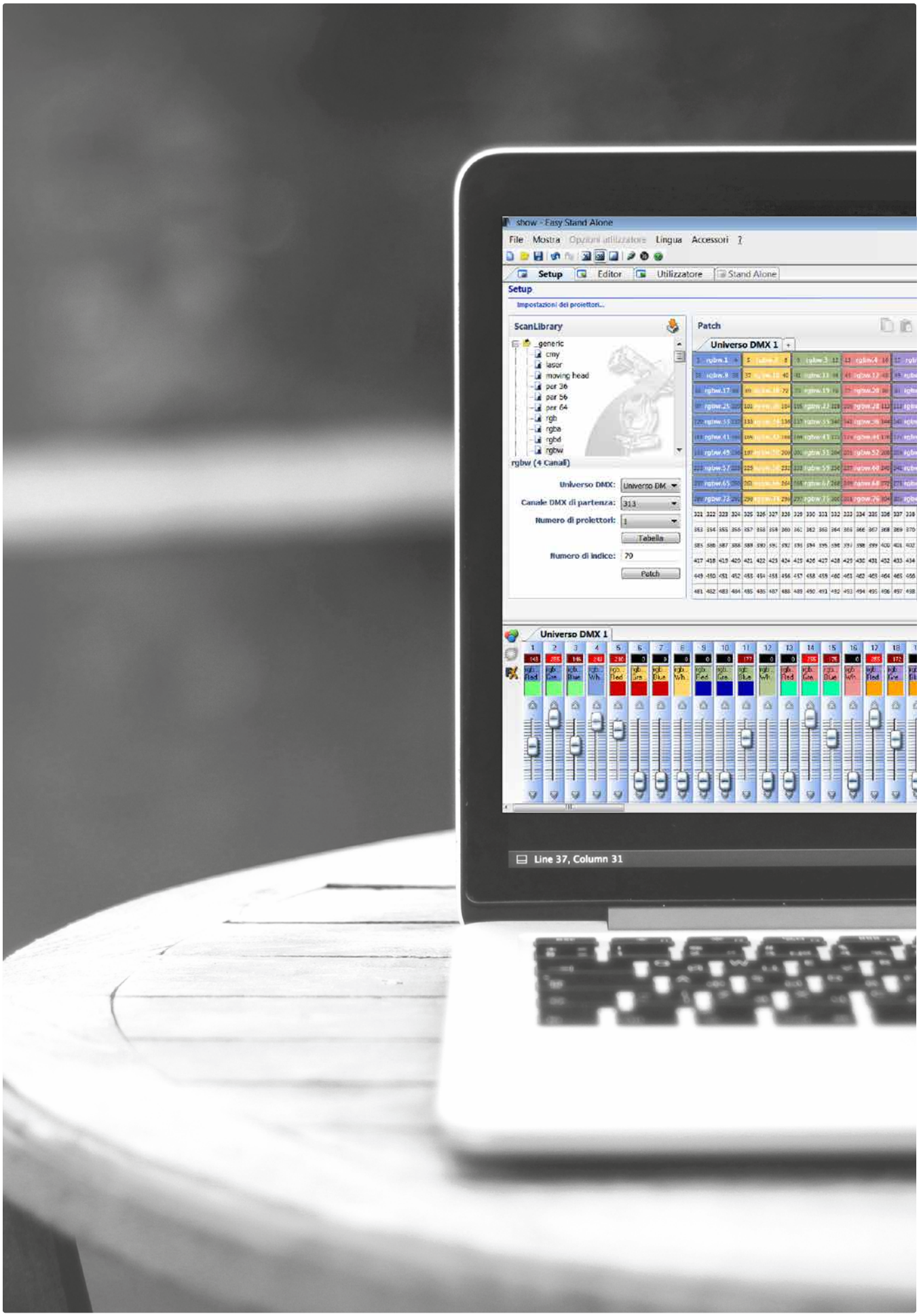
05	1T5349 - 1E3048
Diagram for use with wall mounted push button	
Normally open	

DMX

Control system for DMX, Tunable White and RGBW fixtures

For programming and control RGBW fixtures use the DMX 512 digital protocol, the most widespread and proven standard for smart light control. This allows for complete compatibility with other fixtures on the market and makes a wide variety of accessories available at a reasonable cost.

Fixtures Power Supply
RGBW fixtures need special power supplies with PWM (Pulse Width Modulation) technology that makes it possible to regulate the light intensity separately of primary colours.
In larger RGBW products the integrated electronic power supply is always combined with the one used for dynamic control (DMX); in this case the fixtures are self-sufficient and defined as "smart"; smaller fixtures on the other hand require an external device that can power and control several fixtures at the same time.
RGBW fixtures are compatible with the DMX – RDM protocol that allows for remote programming via the data line.


show - Easy Stand Alone
File Mostra Opzioni utilizzatore Lingua Accessori ?
Setup Editor Utilizzatore Stand Alone
Setup
Impostazioni dei proiettori...
ScanLibrary
_generic
cmy
laser
moving head
par 36
par 56
par 64
rgb
rgba
rgbd
rgbw
rgbw (4 Canali)
Universo DMX:
Canale DMX di partenza:
Numero di proiettori:
Tabella
Numero di indice:
Patch
Universo DMX 1
Line 37, Column 31

mySCENARIO

Systems of digital devices designed to control dynamic lighting fixtures and to programme dynamic light scenarios and sequences. The system consists of an intuitive software, compatible with Windows operating systems, able to control different hardware devices having the following functions:

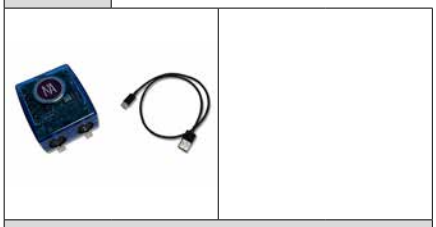
- recording colour-changing scenarios set by the operator;
- rallowing the selection among the multiple scenarios recorded;
- rtransmitting the control signals to the lighting system.

The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.

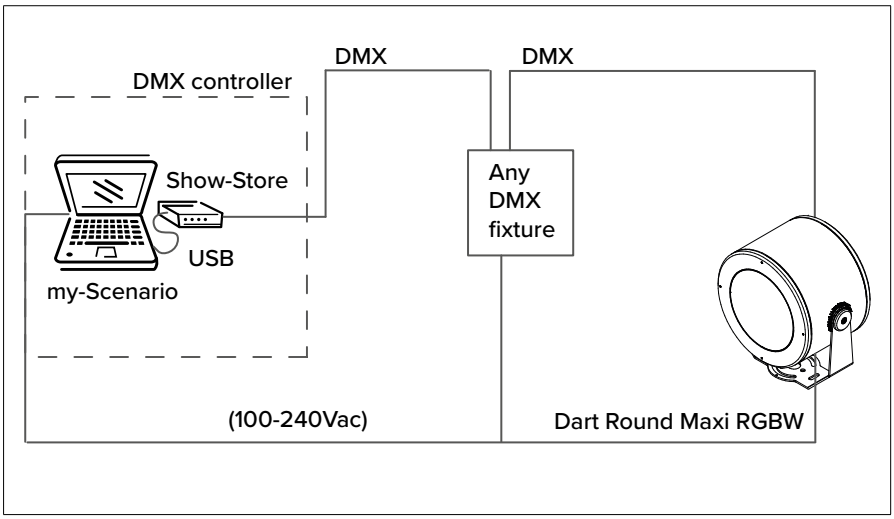
The software provides a graphic simulation of the operating keys of lighting controller; the patching function allows to assign the DMX control channels to the fixtures by using the internal library.

The Colour Manager function allows a quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times. The programmed light shows can be transferred to the different control interfaces.

MYSCENARIO SHOW STORE

1T1898

Software + USB interface
Storage, via USB, of light-shows created through mySCENARIO software
Automatic stand-alone operation with non need of a PC or any other external driver
Keys for scrolling through programmed sequences
Digital display to show the number (1-99) of active scene
Led indicators for ON/OFF status
Three poles XLR output – DMX signal to lighting fixtures
XLR input for daisy chain connection to other identical unit
Management of 512 DMX channels (512 parameters to be programmed separately)
Memory dedicated to light shows proportional to number of connected channels (2877 with 20 channels; 2877 with 60 channels; 355 with 512 channels)

TYPIAL WIRING LAYOUT



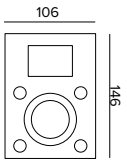
mySCENARIO Wall

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) is 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.

MYSCENARIO WALL

1T6499



Power supply	6 Vdc
Output	4W
Memory	SD card
DMX Channels	2 x 51 1
Operating system	Windows 32/64bit
Dimensions	146 x 106 x 11 mm

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.

USB – RDM

1E2767

TARGETTI SANKEY Srl
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.

Requisites and information

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

CE **DIRECTIVES EUROPEAN COUNCIL**

All fixtures comply with the following directives:

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

Unless specified otherwise

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

Consorzio ecolight

Targetti Sankey Srl 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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5 YEAR WARRANTY

Targetti offers a five years warranty on the products that use LED light sources included in the Catalogues (unless otherwise specified).
The extension of guarantee does not apply to products with traditional light bulbs, to all the products for light management and control systems, both by Targetti and those by third parties, or to Targetti products fitted with 230V LED modules. For products fitted with traditional bulbs / LED bulbs, the warranty extension is valid only for the lighting product.
The five years warranty is valid from the invoice date and covers any manufacturing and/or material defect found in products, if they are used in accordance with their intended use.
The warranty terms are available on the Extension of guarantee.

Icons legend

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

Particular symbols

0,5	Weight of the single fixture
	Cable length
	Walk-over
	Driver-over safe
SAFER FLICKER	Fixtures that have parameters below the minimum visibility threshold PstLM≤1 and SVM≤0.4 (IEC TR 61547-1 and IEC TR 63158).
	Casambi with accessories
	Casambi ready
DMX ON BOARD	DMX on board
DBS	DBS (Dynamic Beam Shaping) optic system

Light beam apertures

Optics	Optic description	from	to
NSP	Narrow Spot	5°	10°
SP	Spot	11°	21°
FL	Flood	22°	40°
MWFL	Medium Wide Flood	41°	50°
WFL	Wide Flood	51°	70°
VWFL	Very Wide Flood	71°	120°
WW	Wall Washer		
ASY	Asymmetric		
FW	Floor Washer		
ELL	Elliptical		
ELT	Elliptical Tranversal		
AMB	Ambient		
OPL	Opal		
GRZ	Grazing		
UGR	UGR		
ZOOM	Zoom		
DBS	Dynamic Beam Shaping		

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”.