

Projectors

DART ROUND



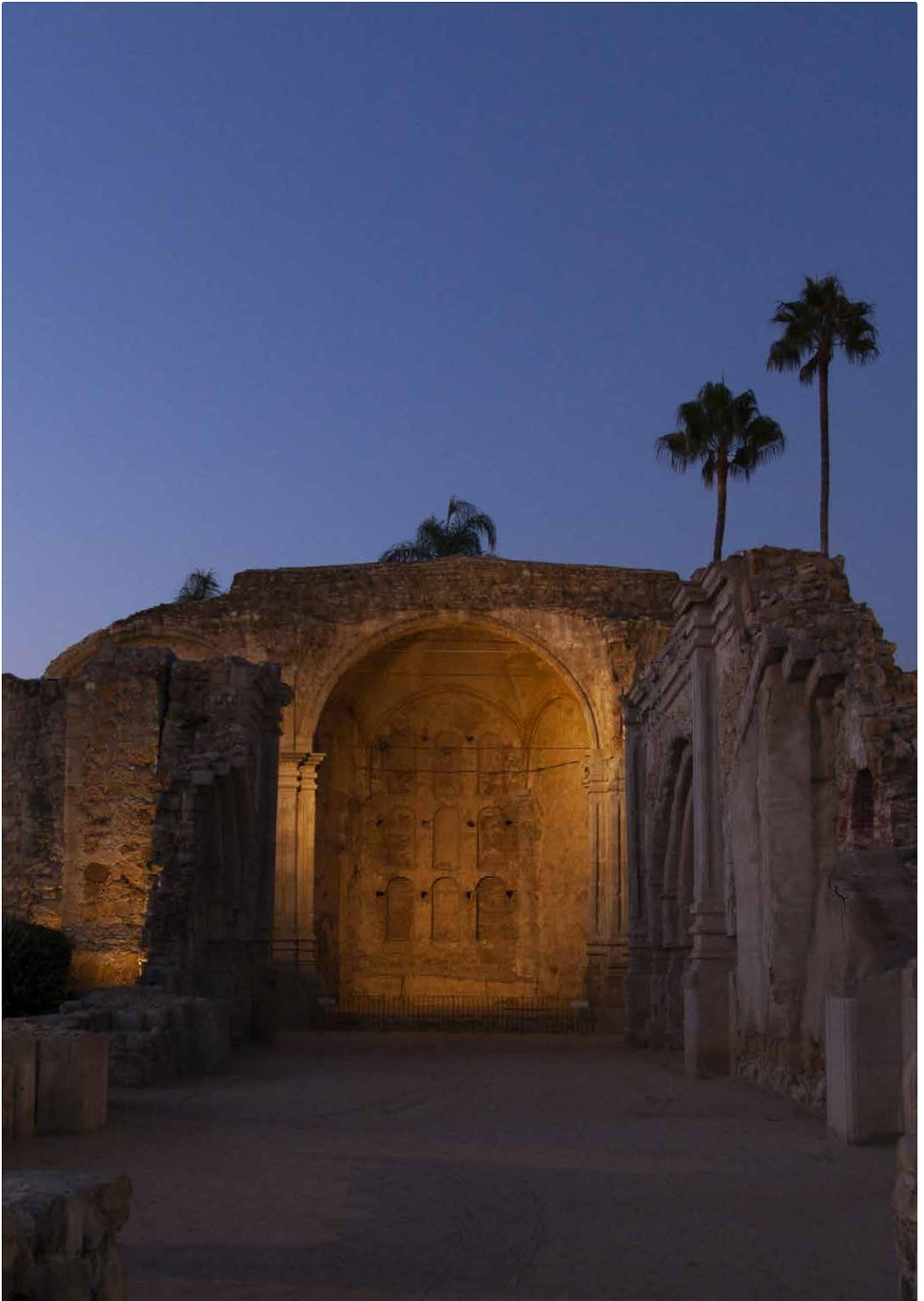
TARGETTI

DART ROUND

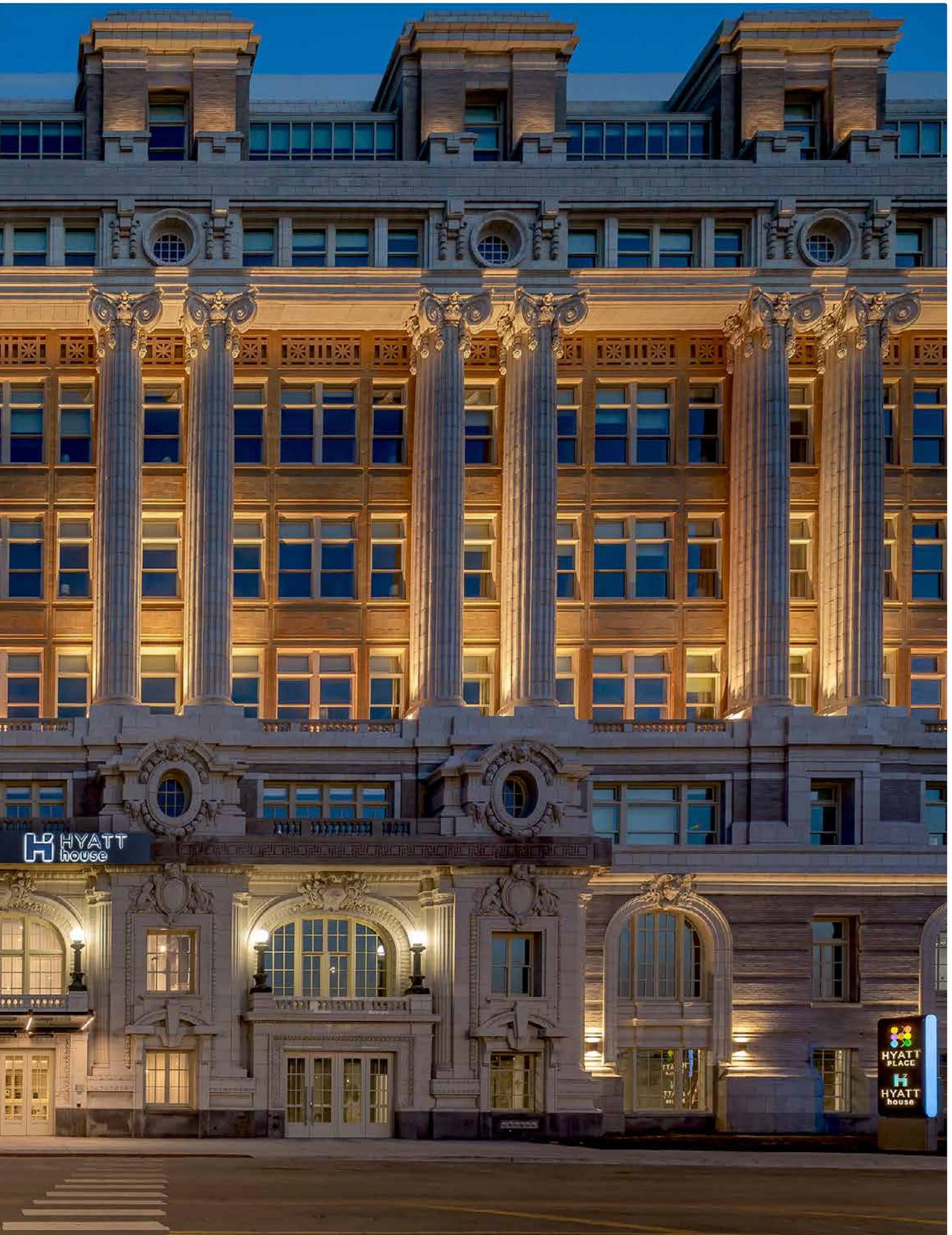


A range of projectors ideal for lighting architecture and landscapes. The different sizes and lumen outputs make it possible to light bigger gardens and architecture.

									
Surface	Wall	Pole	Ground	Accent	Soft controlled	3000K	4000K	RGBW	Tunable White 2700K-5000K
INSTALLATION				LIGHT		COLOUR TEMPERATURE			
									
On-Off	Dali	Dali DT8	DMX RDM	Casambi	220-240V	IP66			
CONTROL				POWER SUPPLY		PROTECTION RATING			
					Cataphoresis treatment 110-277V Power Supply Ra90 2700K - 3500K				
IK10	Ferrite		Easy Custom Colours		ON REQUEST				
RESISTANCE				FINISH		ON REQUEST			









DART ROUND MAXI
Ø 235mm

The largest size in the range ensures real emissions up to 7000lm (8900lm source)



DART ROUND MEDIUM
Ø 130mm

With a compact size it provides professional performance for a precise and defined projected light



DART ROUND SMALL
Ø 88mm

Available in a thinner version with an integrated driver or with a more compact shape with a remote driver.

The DART Round range, available in three different sizes, features durable materials, attention to thermal management which is essential for the lifespan of the LED sources, a large range of optics and high performance.



Colour change versions with RGBW and Tunable white technology

The RGBW multi-chip solution is equipped with LED sources with a compact case containing all 4 colour sources. It is an advantageous solution because the light emitted is mixed directly within the source without any significant colour

variance. The effect is saturated and uniform even in perfectly white light. Also available in a Tunable White version with dynamic variation of the colour temperature of the light from 2700K to 5000K.



DART ROUND MAXI RGBW - TW
Ø 235mm



DART ROUND MEDIUM RGBW - TW
Ø 130mm



DART ROUND SMALL RGBW - TW
Ø 88mm







Narrow Spot Optic

The Narrow Spot Optic has a precise and controlled 5° beam opening created using a lens optical system, ideal for lighting monuments and architectural details with absolute uniformity and precision from great distances. It is suitable where installation appears to be complex and very distant from the surface to be lit. From a distance of 50 metres this optic can create a luminous effect with a diameter of 5 metres, but it can also cover greater distances.



Spot and Flood Optic

Concentrated effects like Spot and Flood are created using hybrid optical systems that combine the high efficiency and precision of the lenses with the softness that a reflector provides. This type of beam opening is ideal to enhance architectural details, portions of building facades and slender trees.



Medium Wide Flood and Wide Flood Optics

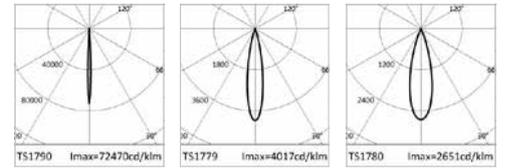
They are suitable for lighting wide surfaces, building facades, trees and in any environment where soft yet controlled lighting is required.

The optics

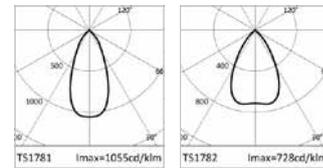
All optical systems are developed and produced in the in-house Optics department at the Targetti headquarters in Florence and are designed to obtain the best optical performance and quality of the lighting effect based on the dimensions, characteristics and performance of the LED.



DART ROUND MAXI
 Up to 97lm/W
 From 1310lm to 6760lm
 2700K - 3000K - 3800K - 4000K - 5000K
 Ra80



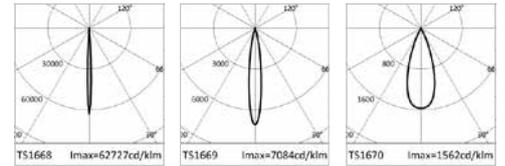
LENS NSP 5° HYBRID SP 19° HYBRID FL 27°



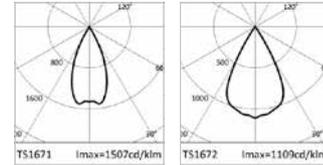
REFLECTOR MWFL 46° REFLECTOR WFL 62°



DART ROUND MEDIUM
 Up to 128lm/W
 From 518lm to 4148lm
 2700K - 3000K - 3850K - 4000K - 5000K
 Ra80



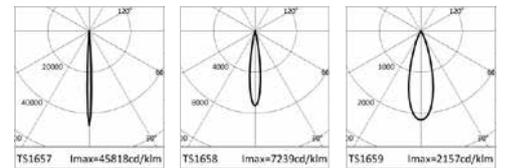
LENS NSP 5° HYBRID SP 14° HYBRID FL 36°



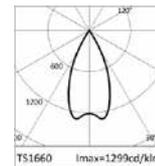
REFLECTOR MWFL 46° REFLECTOR WFL 56°



DART ROUND SMALL
 Up to 124lm/W
 From 162lm to 1672lm
 2700K - 3000K - 3850K - 4000K - 5000K
 Ra80



LENS NSP 5° LENS SP 16° LENS FL 30°



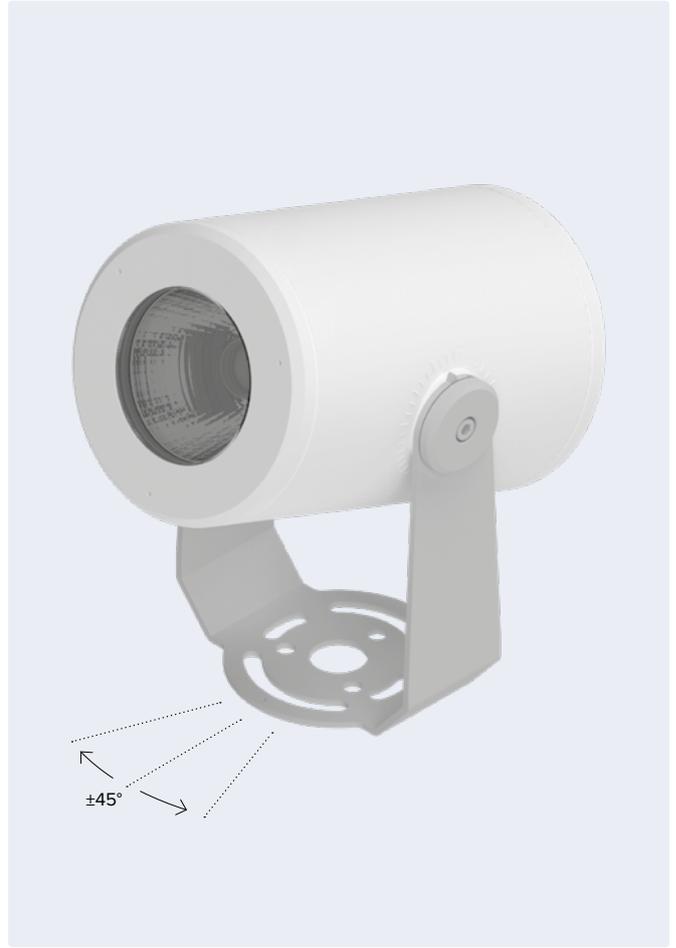
REFLECTOR MWFL 48°

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



Optical accessories

A vast range of optical accessories allows Dart Round to modify and customise the beam emission based on actual needs. The fixing points located on the sealing ring make it possible to attach the accessories externally avoiding the risk of infiltration.

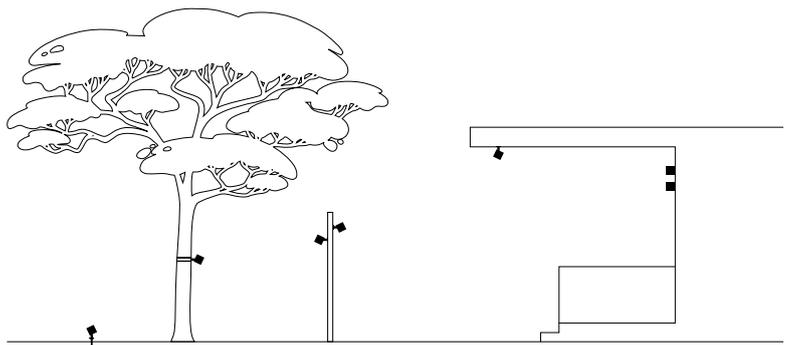


Installation solutions

The fixing bracket allows the projector to rotate on the horizontal plane by $\pm 45^\circ$ and by $+90^\circ/-45^\circ$ on the vertical plane. The graduated ring located on the device near the joint allows for precise adjustment which is particularly useful for replicating aiming on multiple devices.

Installation flexibility

The versatility of the projectors in this range, combined with the numerous installation accessories, enables a wide variety of installation options.



DART Round Maxi

220-240Vac | Ra80 | Fixture flux 3000K from 1310lm to 6760lm



Optic	Driver	Colour	3000K	4000K
NSP 5° 17W	ON-OFF	●	1E3992EL	1E3997EL
	DALI	●	1E3992DA	1E3997DA
SP 19° 71W	ON-OFF	●	1E3993EL	1E3998EL
	DALI	●	1E3993DA	1E3998DA
FL 27° 71W	ON-OFF	●	1E3994EL	1E3999EL
	DALI	●	1E3994DA	1E3999DA
MWFL 46° 71W	ON-OFF	●	1E3995EL	1E4000EL
	DALI	●	1E3995DA	1E4000DA
WFL 62° 71W	ON-OFF	●	1E3996EL	1E4001EL
	DALI	●	1E3996DA	1E4001DA

Note Related codes and accessory codes on page 17.

DART Round Maxi TW

220-240Vac | Ra80 | Fixture flux from 1945lm to 2594lm



Optic	Driver	Colour	2700-5000K
SP 15° 33W	DALI DT8	●	1E4043DA
FL 32° 33W	DALI DT8	●	1E4044DA
MWFL 46° 33W	DALI DT8	●	1E4045DA

Note Related codes and accessory codes on page 17.

DART Round Maxi RGBW

220-240Vac | Fixture flux up to 2333lm | RGBW W=6500K

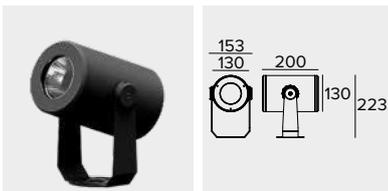


Optic	Driver	Colour	RGBW
NSP 10° 50W	DMX RDM	●	1E4062
SP 17° 50W	DMX RDM	●	1E4052
FL 30° 50W	DMX RDM	●	1E4053
MWFL 44° 50W	DMX RDM	●	1E4054

Note Related codes and accessory codes on page 17.

DART Round Medium

220-240Vac | Ra80 | Fixture flux 3000K from 518lm to 4148lm

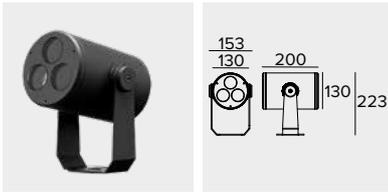
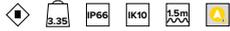


Optic	Driver	Colour	3000K	4000K
NSP 5° 8W	ON-OFF	●	1E3982EL	1E3987EL
	DALI	●	1E3982DA	1E3987DA
SP 14° 28W	ON-OFF	●	1E3983EL	1E3988EL
	DALI	●	1E3983DA	1E3988DA
FL 36° 28W	ON-OFF	●	1E3984EL	1E3989EL
	DALI	●	1E3984DA	1E3989DA
MWFL 46° 33W	ON-OFF	●	1E3985EL	1E3990EL
	DALI	●	1E3985DA	1E3990DA
WFL 56° 33W	ON-OFF	●	1E3986EL	1E3991EL
	DALI	●	1E3986DA	1E3991DA

Note Related codes and accessory codes on page 17.

DART Round Medium TW

700mA | Ra80 | Fixture flux from 777lm to 967lm

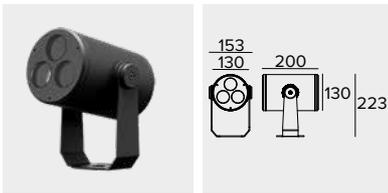


Optic	Power supply	Colour	2700-5000K
SP 14° 12W	700mA	●	1E4040
FL 29° 12W	700mA	●	1E4041
MWFL 40° 12W	700mA	●	1E4042

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.

DART Round Medium RGBW

850mA | Fixture flux up to 1265lm | RGBW W=6500K

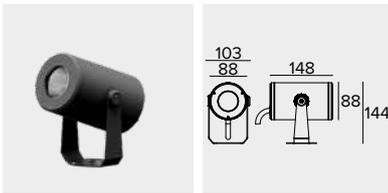
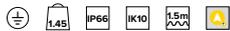


Optic	Power supply	Colour	RGBW
NSP 10° 33W	850mA	●	1E4061
SP 16° 33W	850mA	●	1E4049
FL 29° 33W	850mA	●	1E4050
MWFL 40° 33W	850mA	●	1E4051

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.

DART Round Small Integrated driver

220-240Vac | Ra80 | Fixture flux 3000K from 162lm to 1477lm

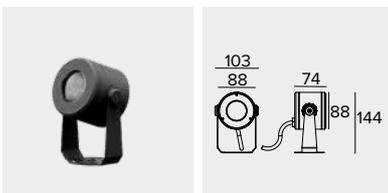
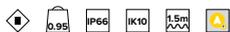


Optic	Driver	Colour	3000K	4000K
NSP 5° 4W	ON-OFF	●	1E3974EL	1E3978EL
	DALI	●	1E3975DA	1E3979DA
SP 16° 15W	ON-OFF	●	1E3976EL	1E3980EL
	DALI	●	1E3976DA	1E3980DA
MWFL 48° 14W	ON-OFF	●	1E3977EL	1E3981EL
	DALI	●	1E3977DA	1E3981DA

Note Related codes and accessory codes on page 17.

DART Round Small Remote driver

Ra80 | Fixture flux 3000K from 162lm to 1672lm

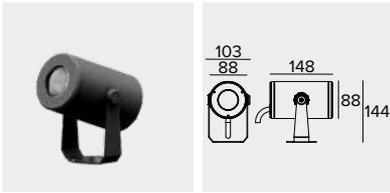


Optic	Power supply	Colour	3000K	4000K
NSP 5° 2W	700mA	●	1E3966	1E3970
SP 16° 15W	400mA	●	1E3967	1E3971
FL 30° 14W	400mA	●	1E3968	1E3972
MWFL 48° 14W	400mA	●	1E3969	1E3973

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.

DART Round Small TW

700mA | Ra80 | Fixture flux from 317lm to 399lm

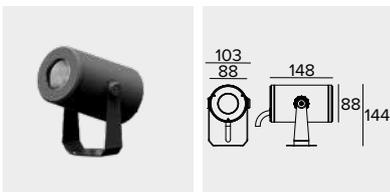


Optic	Power supply	Colour	2700-5000K
SP 15° 4W	700mA	●	1E4037
FL 32° 4W	700mA	●	1E4038
MWFL 45° 4W	700mA	●	1E4039

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.

DART Round Small RGBW

850mA | Fixture flux up to 455lm | RGBW W=6500K



Optic	Power supply	Colour	RGBW
NSP 10° 11W	850mA	●	1E4060
SP 17° 11W	850mA	●	1E4046
FL 31° 11W	850mA	●	1E4047
MWFL 44° 11W	850mA	●	1E4048

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.

Related codes and accessories

DART Round

Accessory codes

Filter

Version	Colour	Code
Dart Round Maxi	●	1E4010
Dart Round Medium	●	1E4006
Dart Round Small	●	1E4002



Blade of light filter.
PMMA holographic filter for a blade of light effect.
Completed with powder coated aluminum alloy holder ring.

Version	Colour	Code
Dart Round Medium NSP	●	1E4263
Dart Round Medium TW	●	
Dart Round Medium RGBW	●	



Blade of light filter.
PMMA holographic filter for a blade of light effect.
Completed with powder coated aluminum alloy holder ring.

Screen

Version	Colour	Code
Dart Round Maxi	●	1E4011
Dart Round Medium	●	1E4007
Dart Round Small	●	1E4003



Asymmetric screen.
Powder coated stainless steel.

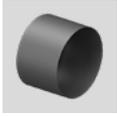
Version	Colour	Code
Dart Round Maxi	●	1E4012
Dart Round Medium	●	1E4008
Dart Round Small	●	1E4004



Cylindrical screen.
Powder coated stainless steel.
Short version.

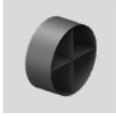
Grid

Version	Colour	Code
Dart Round Maxi	●	1E4059
Dart Round Medium	●	1E4058
Dart Round Small	●	1E4057



Cylindrical screen.
Powder coated stainless steel.
Long version.

Version	Colour	Code
Dart Round Maxi	●	1E4013
Dart Round Medium	●	1E4009
Dart Round Small	●	1E4005



Anti-glare louver.
Powder coated stainless steel.
Not compatible with DART Round Medium NSP, DART Medium TW and DART Medium RGBW.

Mounting System

Version	Colour	Code
Dart Round Maxi	●	1E3026
Dart Round Medium	●	1E3026
Dart Round Small	●	1E3015



Plate for fixture rotation.
Powder coated stainless steel.

Version	Colour	Code
Dart Round Maxi ø150x352mm	●	1E3188
Dart Round Medium ø96x182mm	●	1E3028
Dart Round Small ø70x182mm	●	1E3016



Earthspike.
Powder coated stainless steel.

Version	Colour	Code
Dart Round Maxi	●	1E2825
Dart Round Medium	●	1E2825



Pole bracket.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).

Version	Colour	Code
Dart Round Maxi	●	1E3097
Dart Round Medium	●	1E3027



Pole multiple mounting system.
Powder coated stainless steel.
To be completed with 1E2825.
Max 4 projectors.

Version	Colour	Code
Dart Round Maxi	●	1E3187



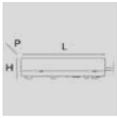
Pole with base.
Powder coated stainless steel.

Related codes and accessories

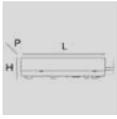
DART Round

Accessory codes

Power Supply DART Round Small Monochromatic

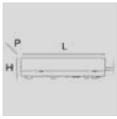
	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	146x22x43	18W	220-240Vac	400mA	IP20	1T4215EL
	115x26x53	20W 15W	220-240Vac 110-127Vac	400mA	IP68	1E3033EL
	119x22x52	20W	220-240Vac	700mA	IP20	1T9637EL
	122x26x54	15W 17W	110-240Vac 220-240Vac	700mA	IP68	1E4239EL

Electronic power supply.

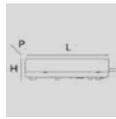
	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	146x30x44	20W	220-240Vac	400mA	IP20	1T4215DA
	115x26x53	20W 15W	220-240Vac 110-127Vac	400mA	IP68	1E3033DA
	119x22x52	15W 20W	110-240Vac 220-240Vac	700mA	IP20	1T9637DA
	122x26x54	15W 30W	110-240Vac 220-240Vac	700mA	IP68	1E4239DA

DALI power supply.

Power Supply DART Round Medium and Small TW

	Code
	1E4056
Tunable White DALI driver - 700mA. 50W, LxHxP=220x80x120mm, 110-277Vac. IP68 gray powder coated aluminum box.	

Power Supply DART Round Medium and Small RGBW

	Code
	1E3883
DMX 4 channel driver - 850mA. 50W, LxHxP=220x80x120mm, 120-277Vac. IP68 gray powder coated aluminum box.	

Accessory codes

Connector

Version	Code
 Dart Round Maxi	1E2769
Dart Round Maxi TW	
Dart Round Medium	
Dart Round Medium TW	
Dart Round Small	
Linear connection box IP66/IP68. 5 poles max. wire section 1.5mm ² . Cable diameter range from 7 to 12mm.	

Version	Code
 Dart Round Maxi	1E2494
Dart Round Medium	
Dart Round Medium TW	
Multiple connection box IP68. 1 IN - 3 OUT 4 poles max. wire section 2.5mm ² . Cable diameter range from 6 to 12mm.	

Version	Code
 Dart Round Small	1E2493
Linear connection box IP68. 4 poles max. wire section 2.5mm ² . Cable diameter range from 7 to 12mm.	

Tool

Version	Code
 Dart Round Maxi	1E3305
Dart Round Maxi TW	
Dart Round Medium	
Dart Round Medium TW	
Dart Round Small	
Tightening wrench for the connector kit.	

Related codes and accessories

DART Round

Accessory codes

Control systems

Version	Code
Dart Round Maxi	1E3048
Dart Round Maxi TW	
Dart Round Medium	
Dart Round Medium TW	
Dart Round Small	
Dart Round Small TW	
IP67 wireless control unit with DALI interface. More details on page 672.	

Version	Code
Dart Round Maxi RGBW	1E2767
Dart Round Medium RGBW	
Dart Round Small RGBW	
USB-RDM Programmer code. More details on page 678.	

Version	Code
Dart Round Maxi RGBW	1T6499
Dart Round Medium RGBW	
Dart Round Small RGBW	
myScenario Wall. More details on page 678.	

Version	Code
Dart Round Maxi	1E4369
Dart Round Maxi TW	
Dart Round Medium	
Dart Round Medium TW	
Dart Round Small	
Dart Round Small TW	
IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology. More details on page 672.	

Version	Code
Dart Round Maxi RGBW	1T1898
Dart Round Medium RGBW	
Dart Round Small RGBW	
my-SCENARIO Show Store. More details on page 678.	

Surge protector

Version	Code
Dart Round Maxi	A013A
Dart Round Maxi TW	
Dart Round Maxi RGBW	
Dart Round Medium	
Dart Round Small	
Surge protector compatible with CLASS I lighting fixtures. Operating voltage 230-277Vac. SPD type 2+3. Max surge protection 10kV. CLASS I IP67	

Version	Code
Dart Round Maxi	A013C
Dart Round Maxi TW	
Dart Round Medium	
Dart Round Small	
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	

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.

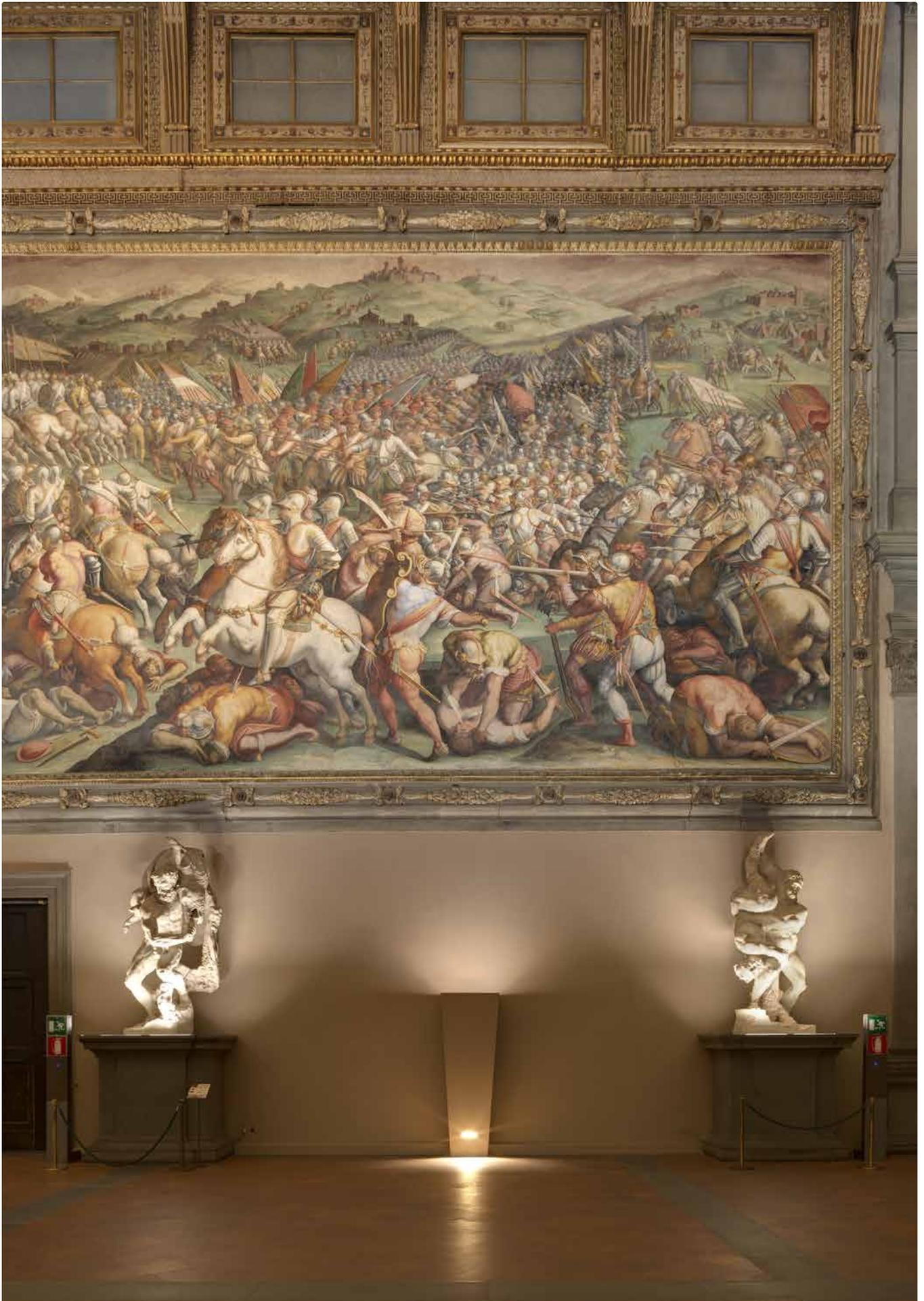
CASAMBI

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

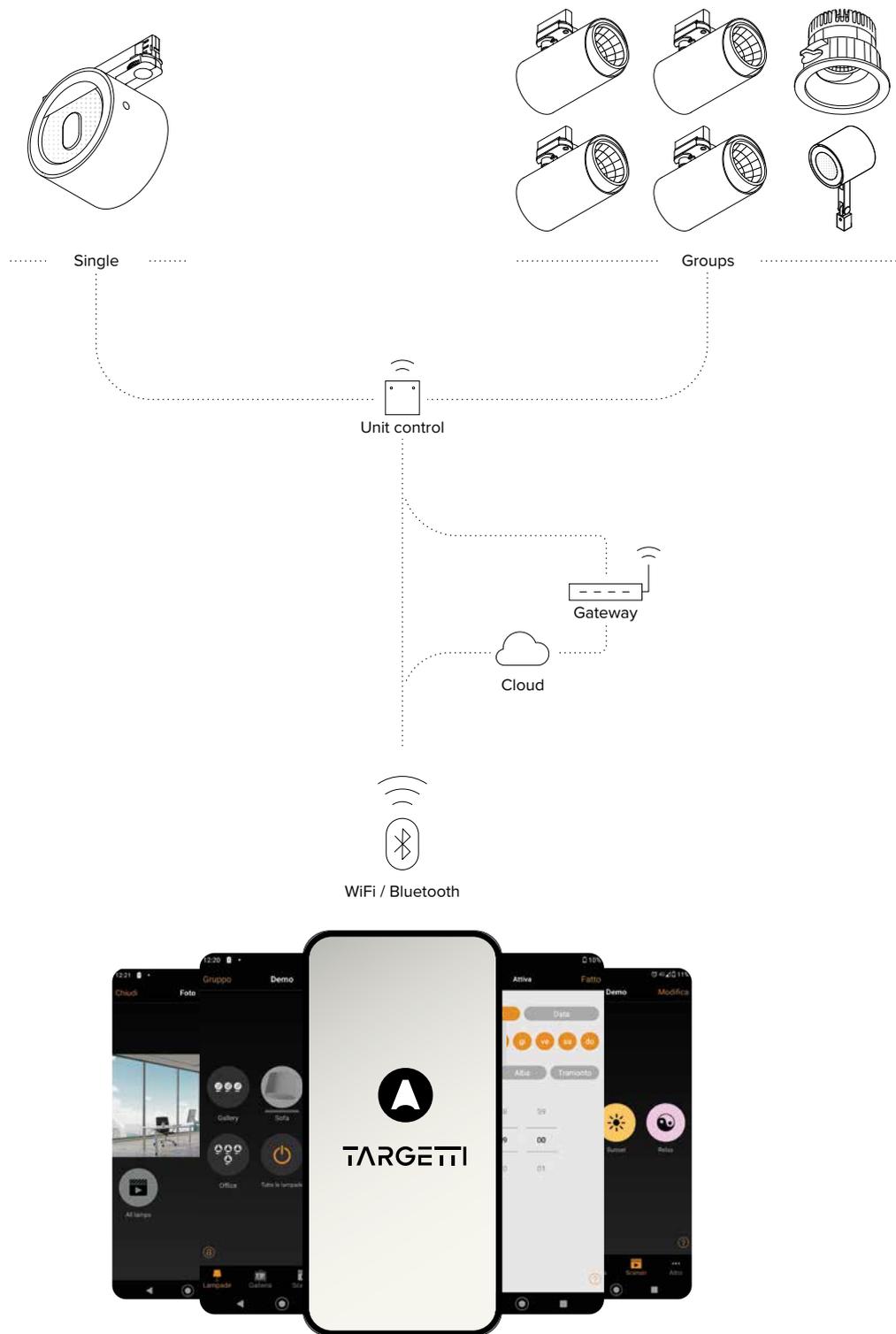
fixtures that are installed in the space automatically by using the BLE (Casambi Bluetooth Low Energy) proprietary protocol to communicate with the various fixtures. No Internet connection is necessary except for synchronisation functions or remote access.

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.

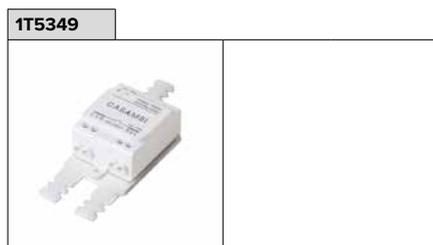
Casambi Accessories

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 see the website.

CONTROL UNIT IP20 - DALI

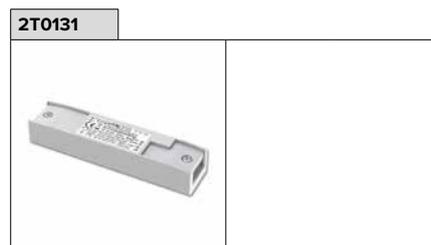


IP20 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones 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, meaning 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

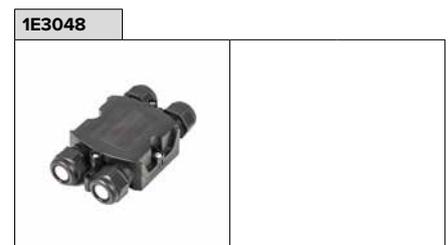


IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. It has a DALI2 output with the capacity to control up to 40 lighting fixtures. With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures. 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



IP67 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling 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, meaning 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

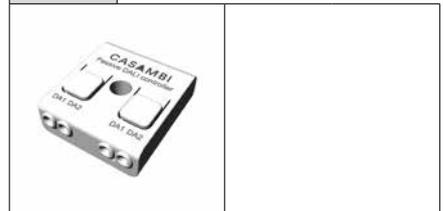


Xpress is a wall mounted wireless user interface; it can be installed wherever the user chooses thanks to battery power with autonomy of 2-3 years providing direct access to all the most important CASAMBI system control functions. As well as switching the fixtures on and off, Xpress controls dimming,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

Dimensions	90x12x90mm
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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
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Quadro sinottico accessori Casambi

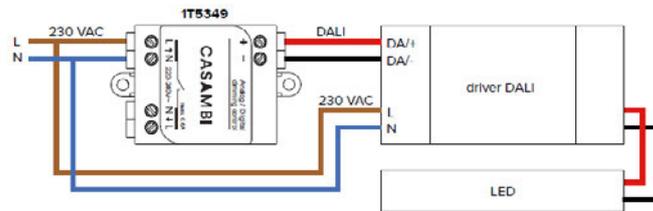
Product	Variant	1T5349 Control module IP20	2T0131 Extender IP20	1E3048 Control module IP67	1E4369 Extender IP67	Schema Pag. 28
 BEBOP RECESSED	DALI Version	●	●			01 - 02
 CCTEVO ARCHITECTURAL	DALI Version	●	●			01 - 02
 CCTEVO DOWNLIGHT	DALI Version	●	●			01 - 02
 CCTEVO TUBE	DALI Version	●	●			01 - 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

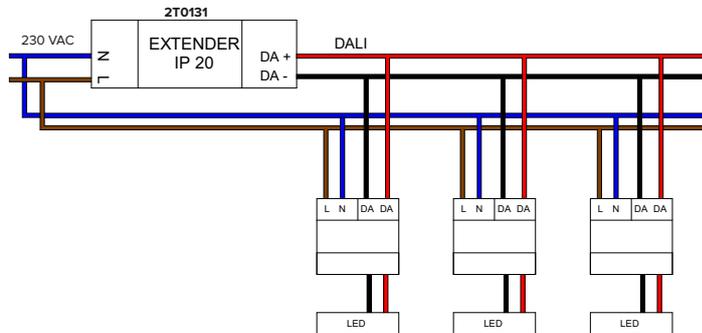
01 **1T5349**

Single DALI control IP20



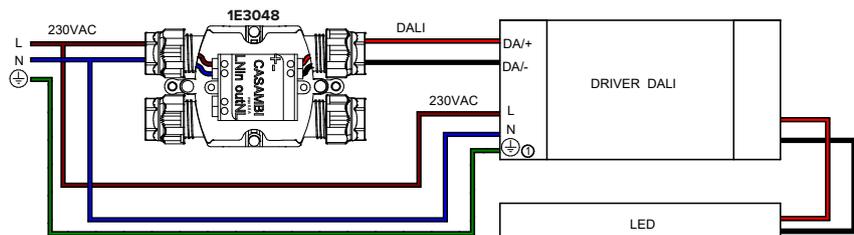
02 **2T0131**

DALI multiple control IP20



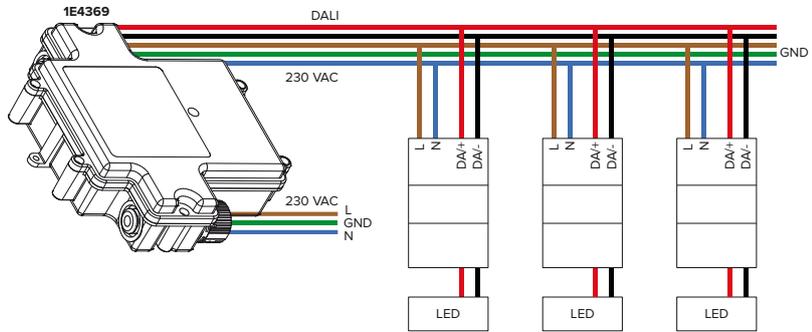
03 **1E3048**

DALI single control IP67



04 **1E4369**

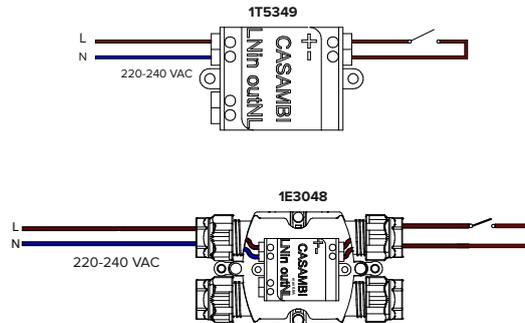
DALI multiple control IP67



05 **1T5349 - 1E3048**

Diagram for use with wall mounted push button

Normally open



DMX

Control system for DMX, Tunable White and RGBW fixtures

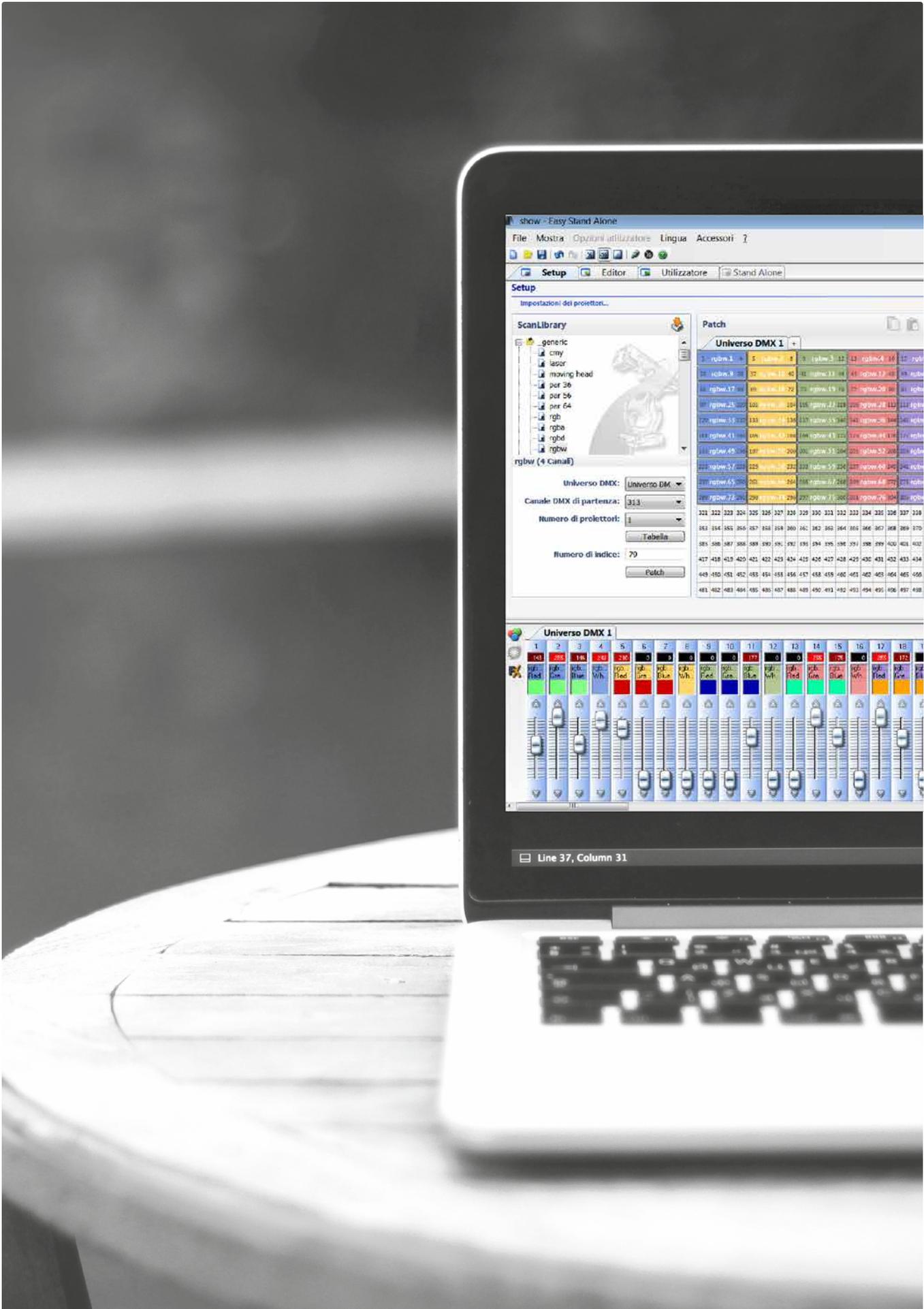
For programming and control RGBW fixtures use the DMX 512 digital protocol, the most widespread and proven standard for smart light control. This allows for complete compatibility with other fixtures on the market and makes a wide variety of accessories available at a reasonable cost.

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.



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;
- allowing 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.

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.

The software provides a graphic simulation of the operating keys of lighting controller; the

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

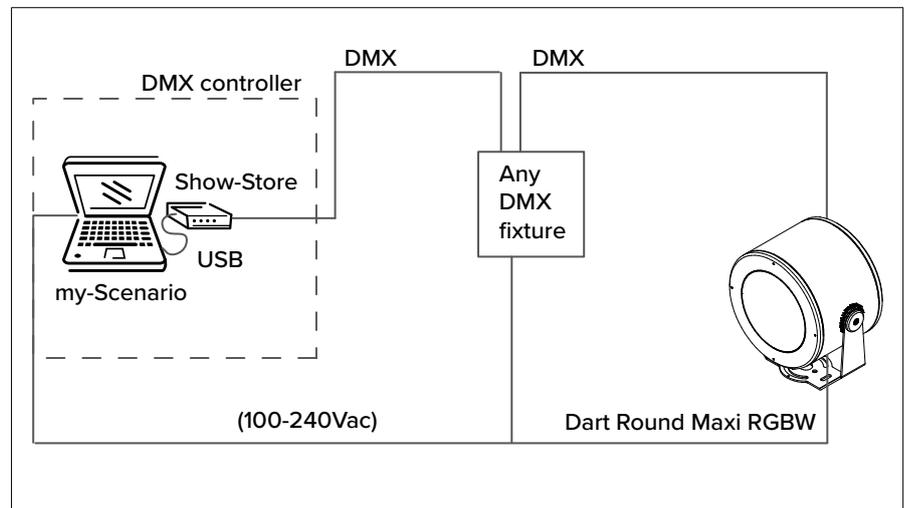
Three poles XLR output – DMX signal to lighting fixtures

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)

TYPICAL WIRING LAYOUT

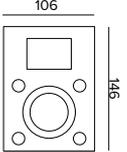


mySCENARIO Wall

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 511
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.

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.



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.

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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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).
	Casambi with accessories
	Casambi ready
	DMX on board
	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 Transversal		
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".

