

# Downlights

## OZ



















**TARGETTI**

# OZ STAND ALONE RECESSED



The OZ stand alone recessed version provides downlight solutions inspired by the 48V system version. Available only in the Large and Small sizes the OZ Stand Alone recessed range includes 1x, 3x and 5x multiple solutions in black, white and trimless finishes equipped with different optical systems. Also available in a ceiling mounted version.

							
Recessed	Accent	Soft controlled	Elliptical	2700K	3000K	3500K	4000K
INSTALLATION		LIGHT		COLOUR TEMPERATURE			
							
On-Off	Dali	Casambi	220-240V	600mA 900mA	White	Black	Easy Custom Colours
CONTROL			POWER SUPPLY		FINISH		
							
Emergency							
ACCESSORY							



SMALL



SMALL 1X



SMALL 3X



SMALL TRIMLESS 1X



SMALL TRIMLESS 3X

LARGE



LARGE 1X



LARGE 3X



LARGE TRIMLESS 1X



LARGE TRIMLESS 3X

## Small and Large solution

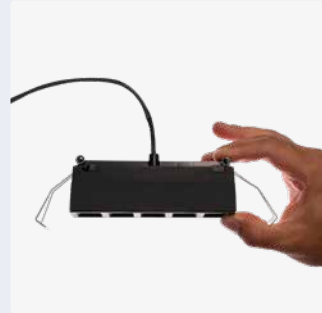
Different versions in terms of size, aesthetics, performance, and installation to always offer a valid solution to any design request.



**SMALL 5X**



**SMALL TRIMLESS 5X**



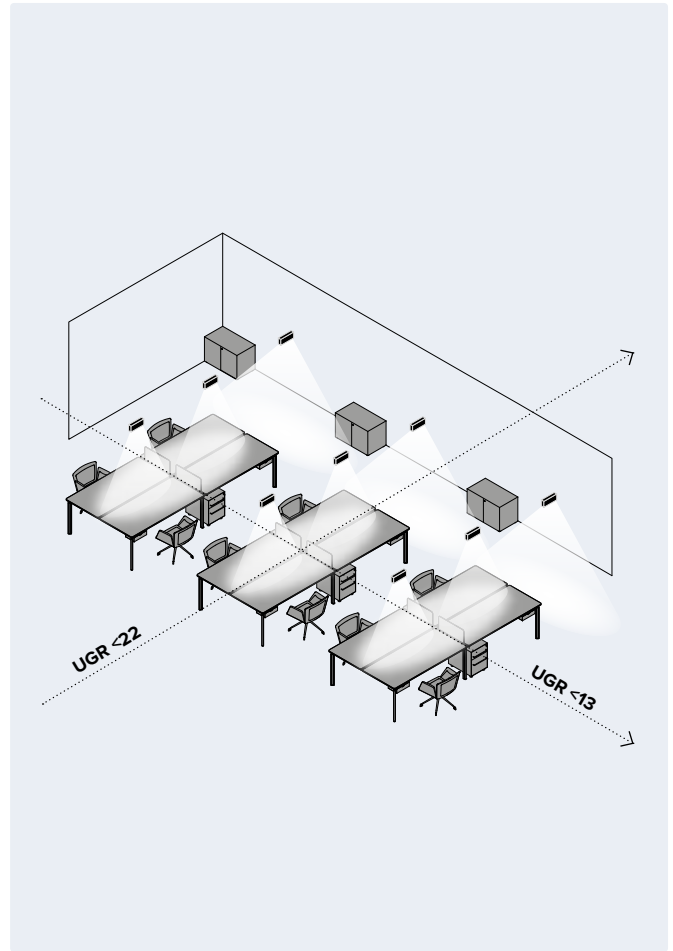
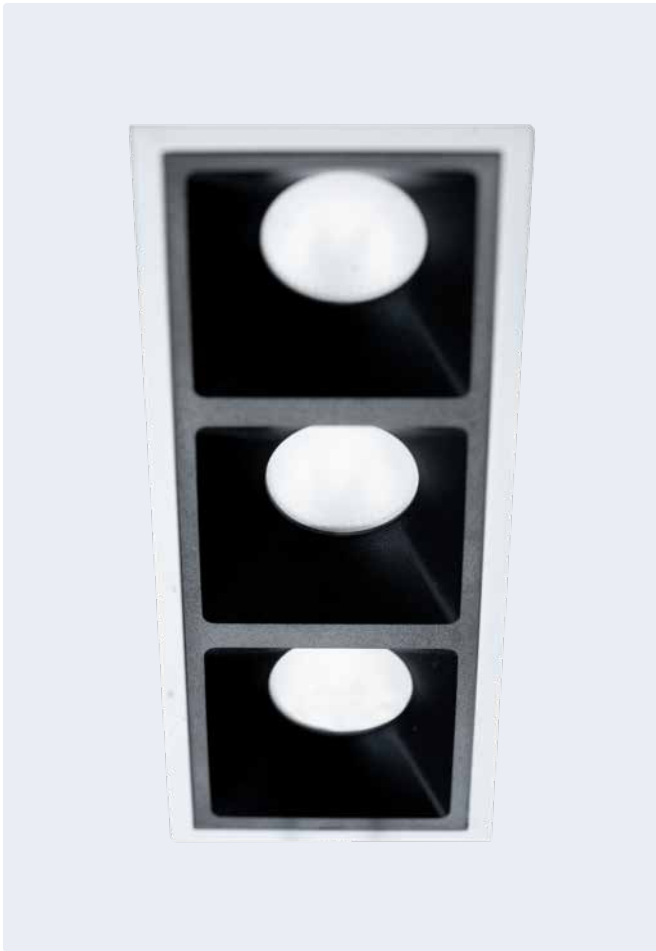
Both the Small and Large versions have a very small installation depth, just 80mm.



**LARGE 5X**



**LARGE TRIMLESS 5X**

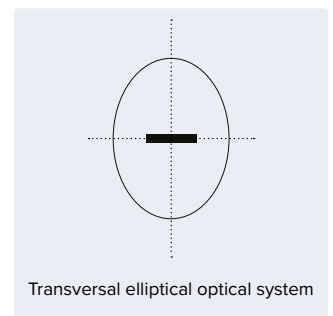
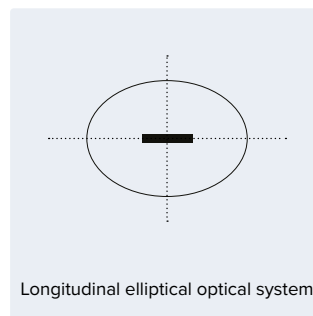


#### Elliptical optical systems to enhance particular spaces

The OZ elliptical optical systems are suitable for lighting long, narrow spaces such as corridors, hallways and passageways, as well as specific work areas, even in the office environment (EN12464-1).

They are available in two different versions:

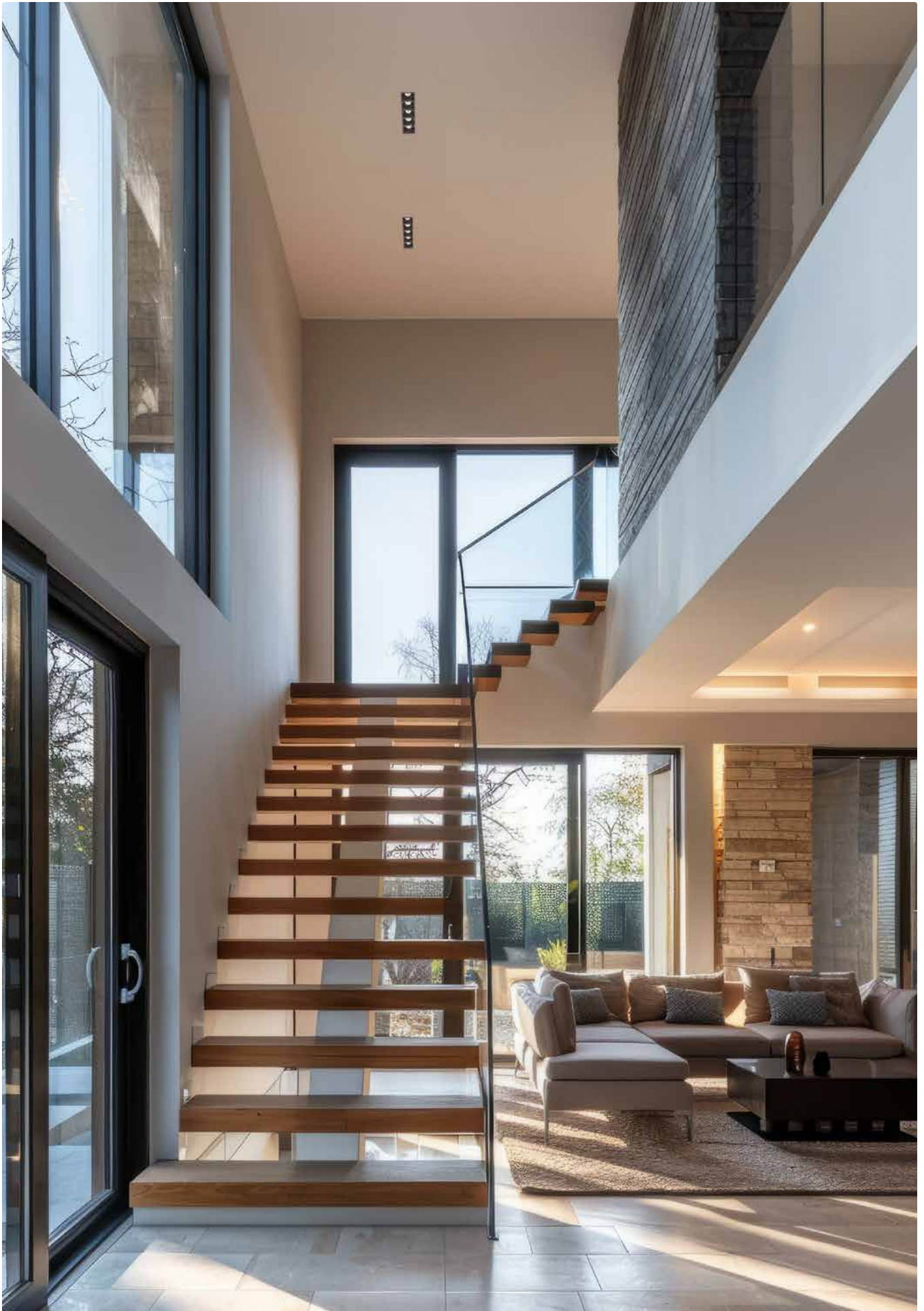
- Longitudinal elliptical optical system
- Transversal elliptical optical system



ELLIPTICAL OPTICAL SYSTEMS	UGR	
	UGR<13	UGR<22
ELL longitudinal		
ELT transversal	UGR<22	UGR<13

The optical systems in the OZ Stand Alone range are designed to provide precise solutions for every space. They have different effects for lighting spaces with different shapes and needs.



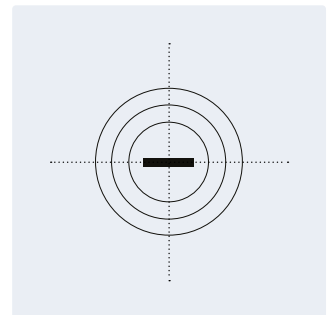
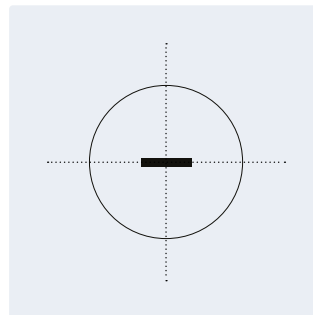




**Ambient and controlled light roto-symmetrical optical systems  
SP – FL – WFL**

The OZ roto-symmetrical optical systems are suitable for lighting lounge areas, relaxation areas and all those environments where scenographic but highly controlled light is needed.

The Ambient versions are equipped with holographic filters that diffuse and soften the light.



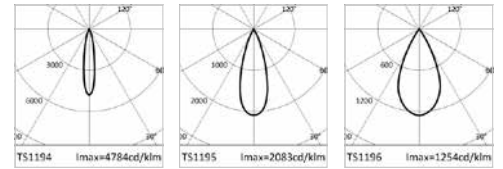
ROTO-SYMMETRICAL OPTICAL SYSTEMS	SMALL	LARGE
AM - Ambient	UGR<14,5	UGR<14,5
SP - Spot	UGR<13	UGR<17
FL - Flood	UGR<13	UGR<17
WFL - Wide Flood	UGR<13	UGR<17







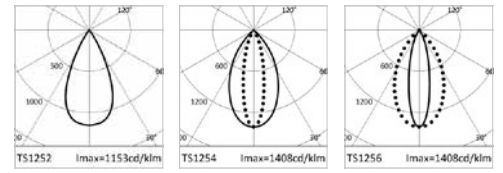
**OZ LARGE**  
Up to 113lm/W  
From 618lm to 3372lm  
2700K - 3000K - 3500K - 4000K  
Ra90



SP 19°

FL 34°

MWFL 50°



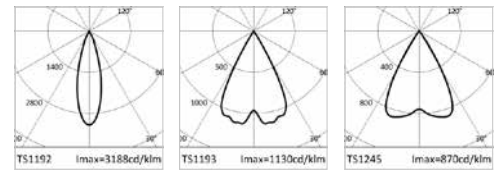
AM 49°

ELL 58° - 25°

ELT 25° - 58°



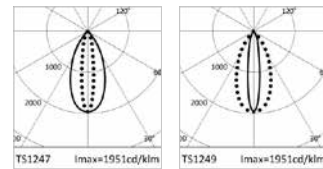
**OZ SMALL**  
Up to 83lm/W  
From 177lm to 663lm  
2700K - 3000K - 3500K - 4000K  
Ra90



FL 29°

WFL 56°

AM 60°

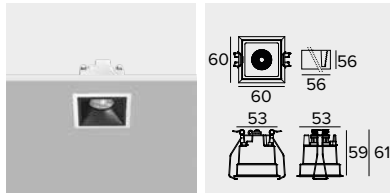
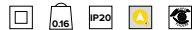


ELL 48° - 17°

ELT 17° - 48°

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

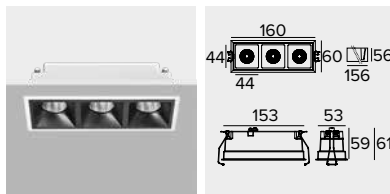
**OZ Stand Alone Recessed | Large 1x | 60x60mm**  
220-240Vac | Ra90 | Fixture flux 3000K from 618lm to 675lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 19° 7W	ON-OFF	○	1T7746EL	1T7747EL	1T7748EL	1T7749EL
		●	1T7758EL	1T7759EL	1T7760EL	1T7761EL
	DALI	○	1T7746DA	1T7747DA	1T7748DA	1T7749DA
		●	1T7758DA	1T7759DA	1T7760DA	1T7761DA
FL 34° 7W	ON-OFF	○	1T7750EL	1T7751EL	1T7752EL	1T7753EL
		●	1T7762EL	1T7763EL	1T7764EL	1T7765EL
	DALI	○	1T7750DA	1T7751DA	1T7752DA	1T7753DA
		●	1T7762DA	1T7763DA	1T7764DA	1T7765DA
MWFL 50° 7W	ON-OFF	○	1T7754EL	1T7755EL	1T7756EL	1T7757EL
		●	1T7766EL	1T7767EL	1T7768EL	1T7769EL
	DALI	○	1T7754DA	1T7755DA	1T7756DA	1T7757DA
		●	1T7766DA	1T7767DA	1T7768DA	1T7769DA
AM 49° 7W	ON-OFF	○	1T8482EL	1T8483EL	1T8484EL	1T8485EL
		●	1T8486EL	1T8487EL	1T8488EL	1T8489EL
	DALI	○	1T8482DA	1T8483DA	1T8484DA	1T8485DA
		●	1T8486DA	1T8487DA	1T8488DA	1T8489DA

**Note** Related codes and accessory codes on page 15.



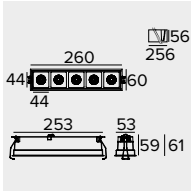
























**OZ Stand Alone Recessed | Large 3x | 160x60mm**  
220-240Vac | Ra90 | Fixture flux 3000K from 1004lm to 2023lm



Optic	Driver	Colour	2700K	3000K	3500K	4000K
SP 19° 20W	ON-OFF	○	1T7770EL	1T7771EL	1T7772EL	1T7773EL
		●	1T7782EL	1T7783EL	1T7784EL	1T7785EL
	DALI	○	1T7770DA	1T7771DA	1T7772DA	1T7773DA
		●	1T7782DA	1T7783DA	1T7784DA	1T7785DA
FL 34° 19W	ON-OFF	○	1T7774EL	1T7775EL	1T7776EL	1T7777EL
		●	1T7786EL	1T7787EL	1T7788EL	1T7789EL
	DALI	○	1T7774DA	1T7775DA	1T7776DA	1T7777DA
		●	1T7786DA	1T7787DA	1T7788DA	1T7789DA
MWFL 50° 19W	ON-OFF	○	1T7778EL	1T7779EL	1T7780EL	1T7781EL
		●	1T7790EL	1T7791EL	1T7792EL	1T7793EL
	DALI	○	1T7778DA	1T7779DA	1T7780DA	1T7781DA
		●	1T7790DA	1T7791DA	1T7792DA	1T7793DA
AM 49° 19W	ON-OFF	○	1T8490EL	1T8491EL	1T8492EL	1T8493EL
		●	1T8526EL	1T8527EL	1T8528EL	1T8529EL
	DALI	○	1T8490DA	1T8491DA	1T8492DA	1T8493DA
		●	1T8526DA	1T8527DA	1T8528DA	1T8529DA
ELL 11W	ON-OFF	○	1T8518EL	1T8519EL	1T8520EL	1T8521EL
		●	1T8530EL	1T8531EL	1T8532EL	1T8533EL
	DALI	○	1T8518DA	1T8519DA	1T8520DA	1T8521DA
		●	1T8530DA	1T8531DA	1T8532DA	1T8533DA
ELT 11W	ON-OFF	○	1T8522EL	1T8523EL	1T8524EL	1T8525EL
		●	1T8534EL	1T8535EL	1T8536EL	1T8537EL
	DALI	○	1T8522DA	1T8523DA	1T8524DA	1T8525DA
		●	1T8534DA	1T8535DA	1T8536DA	1T8537DA



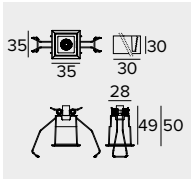






**Note** Related codes and accessory codes on page 15.

**OZ Stand Alone Recessed | Large 5x | 260x60mm**  
220-240Vac | Ra90 | Fixture flux 3000K from 1835lm to 3372lm

		Optic	Driver	Colour	2700K	3000K	3500K	4000K
 	SP 19° 35W		ON-OFF		1T7794EL	1T7795EL	1T7796EL	1T7797EL
					1T7806EL	1T7807EL	1T7808EL	1T7809EL
			DALI		1T7794DA	1T7795DA	1T7796DA	1T7797DA
					1T7806DA	1T7807DA	1T7808DA	1T7809DA
	FL 34° 33W		ON-OFF		1T7798EL	1T7799EL	1T7800EL	1T7801EL
					1T7810EL	1T7811EL	1T7812EL	1T7813EL
			DALI		1T7798DA	1T7799DA	1T7800DA	1T7801DA
					1T7810DA	1T7811DA	1T7812DA	1T7813DA
	MWFL 50° 33W		ON-OFF		1T7802EL	1T7803EL	1T7804EL	1T7805EL
					1T7814EL	1T7815EL	1T7816EL	1T7817EL
			DALI		1T7802DA	1T7803DA	1T7804DA	1T7805DA
					1T7814DA	1T7815DA	1T7816DA	1T7817DA
	AM 49° 33W		ON-OFF		1T8538EL	1T8539EL	1T8540EL	1T8541EL
					1T8858EL	1T8859EL	1T8860EL	1T8861EL
			DALI		1T8538DA	1T8539DA	1T8540DA	1T8541DA
					1T8858DA	1T8859DA	1T8860DA	1T8861DA
	ELL 21W		ON-OFF		1T8850EL	1T8851EL	1T8852EL	1T8853EL
					1T8862EL	1T8863EL	1T8864EL	1T8865EL
			DALI		1T8850DA	1T8851DA	1T8852DA	1T8853DA
					1T8862DA	1T8863DA	1T8864DA	1T8865DA
	ELT 21W		ON-OFF		1T8854EL	1T8855EL	1T8856EL	1T8857EL
					1T8866EL	1T8867EL	1T8868EL	1T8869EL
			DALI		1T8854DA	1T8855DA	1T8856DA	1T8857DA
					1T8866DA	1T8867DA	1T8868DA	1T8869DA

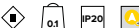

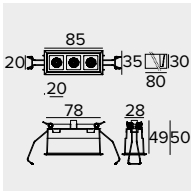










**Note** Related codes and accessory codes on page 15.

**OZ Stand Alone Recessed | Small 1x | 35x35mm**  
900mA | Ra90 | Fixture flux 3000K from 177lm to 198lm

		Optic	Colour	2700K	3000K	3500K	4000K
 	FL 29° 3W			1T7606	1T7607	1T7608	1T7609
				1T7618	1T7619	1T7620	1T7621
	WFL 56° 3W			1T7610	1T7611	1T7612	1T7613
				1T7622	1T7623	1T7624	1T7625
	AM 60° 3W			1T8962	1T8963	1T8964	1T8965
				1T8966	1T8967	1T8968	1T8969

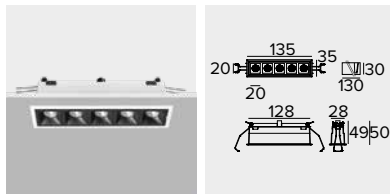
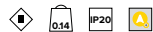
**Note** To be completed with an ON-OFF or DALI driver.  
Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.  
Related codes and accessory codes on page 15.

**OZ Stand Alone Recessed | Small 3x | 85x35mm**  
600mA | Ra90 | Fixture flux 3000K from 336lm to 397lm

		Optic	Colour	2700K	3000K	3500K	4000K
 	FL 29° 5W			1T7630	1T7631	1T7632	1T7633
				1T7642	1T7643	1T7644	1T7645
	WFL 56° 5W			1T7634	1T7635	1T7636	1T7637
				1T7646	1T7647	1T7648	1T7649
	AM 60° 5W			1T8970	1T8971	1T8972	1T8973
				1T8982	1T8983	1T8984	1T8985
	ELL 5W			1T8974	1T8975	1T8976	1T8977
				1T8986	1T8987	1T8988	1T8989
	ELT 5W			1T8978	1T8979	1T8980	1T8981
				1T8990	1T8991	1T8992	1T8993

**Note** To be completed with an ON-OFF or DALI driver.  
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 15.

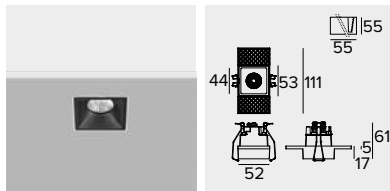
**OZ Stand Alone Recessed | Small 5x | 135x35mm**  
600mA | Ra90 | Fixture flux 3000K from 561lm to 663lm



Optic	Colour	2700K	3000K	3500K	4000K
FL 29° 9W	○	1T7654	1T7655	1T7656	1T7657
	●	1T7666	1T7667	1T7668	1T7669
WFL 56° 9W	○	1T7658	1T7659	1T7660	1T7661
	●	1T7670	1T7671	1T7672	1T7673
AM 60° 9W	○	1T8994	1T8995	1T8996	1T8997
	●	1T9006	1T9007	1T9008	1T9009
ELL 9W	○	1T8998	1T8999	1T9000	1T9001
	●	1T9010	1T9011	1T9012	1T9013
ELT 9W	○	1T9002	1T9003	1T9004	1T9005
	●	1T9014	1T9015	1T9016	1T9017

**Note** To be completed with an ON-OFF or DALI driver.  
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 15.

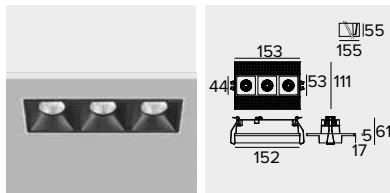
**OZ Stand Alone Trimless | Large 1x | 53x53mm**  
220-240Vac | Ra90 | Fixture flux 3000K from 618lm to 675lm



Optic	Driver	2700K	3000K	3500K	4000K
SP 19° 7W	ON-OFF	1T7818EL	1T7819EL	1T7820EL	1T7821EL
	DALI	1T7818DA	1T7819DA	1T7820DA	1T7821DA
FL 34° 7W	ON-OFF	1T7822EL	1T7823EL	1T7824EL	1T7825EL
	DALI	1T7822DA	1T7823DA	1T7824DA	1T7825DA
MWFL 50° 7W	ON-OFF	1T7826EL	1T7827EL	1T7828EL	1T7829EL
	DALI	1T7826DA	1T7827DA	1T7828DA	1T7829DA
AM 49° 7W	ON-OFF	1T8870EL	1T8871EL	1T8872EL	1T8873EL
	DALI	1T8870DA	1T8871DA	1T8872DA	1T8873DA

**Note** Related codes and accessory codes on page 15.

**OZ Stand Alone Trimless | Large 3x | 153x53mm**  
220-240Vac | Ra90 | Fixture flux 3000K from 1004lm to 2023lm

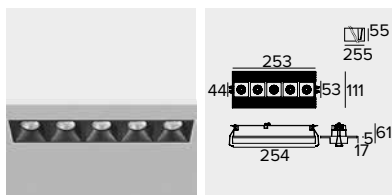
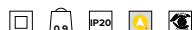


Optic	Driver	2700K	3000K	3500K	4000K
SP 19° 20W	ON-OFF	1T7842EL	1T7843EL	1T7844EL	1T7845EL
	DALI	1T7842DA	1T7843DA	1T7844DA	1T7845DA
FL 34° 19W	ON-OFF	1T7846EL	1T7847EL	1T7848EL	1T7849EL
	DALI	1T7846DA	1T7847DA	1T7848DA	1T7849DA
MWFL 50° 19W	ON-OFF	1T7850EL	1T7851EL	1T7852EL	1T7853EL
	DALI	1T7850DA	1T7851DA	1T7852DA	1T7853DA
AM 49° 19W	ON-OFF	1T8874EL	1T8875EL	1T8876EL	1T8877EL
	DALI	1T8874DA	1T8875DA	1T8876DA	1T8877DA
ELL 11W	ON-OFF	1T8878EL	1T8879EL	1T8880EL	1T8881EL
	DALI	1T8878DA	1T8879DA	1T8880DA	1T8881DA
ELT 11W	ON-OFF	1T8882EL	1T8883EL	1T8884EL	1T8885EL
	DALI	1T8882DA	1T8883DA	1T8884DA	1T8885DA

**Note** Related codes and accessory codes on page 15.

## OZ Stand Alone Trimless | Large 5x | 253x53mm

220-240Vac | Ra90 | Fixture flux 3000K from 1835lm to 3372lm

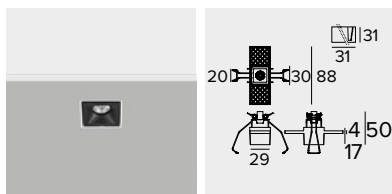
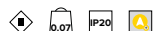


Optic	Driver	2700K	3000K	3500K	4000K
SP 19° 35W	ON-OFF	1T7866EL	1T7867EL	1T7868EL	1T7869EL
	DALI	1T7866DA	1T7867DA	1T7868DA	1T7869DA
FL 34° 33W	ON-OFF	1T7870EL	1T7871EL	1T7872EL	1T7873EL
	DALI	1T7870DA	1T7871DA	1T7872DA	1T7873DA
MWFL 50° 33W	ON-OFF	1T7874EL	1T7875EL	1T7876EL	1T7877EL
	DALI	1T7874DA	1T7875DA	1T7876DA	1T7877DA
AM 49° 33W	ON-OFF	1T8886EL	1T8887EL	1T8888EL	1T8889EL
	DALI	1T8886DA	1T8887DA	1T8888DA	1T8889DA
ELL 21W	ON-OFF	1T8890EL	1T8891EL	1T8892EL	1T8893EL
	DALI	1T8890DA	1T8891DA	1T8892DA	1T8893DA
ELT 21W	ON-OFF	1T8894EL	1T8895EL	1T8896EL	1T8897EL
	DALI	1T8894DA	1T8895DA	1T8896DA	1T8897DA

**Note** Related codes and accessory codes on page 15.

## OZ Stand Alone Trimless | Small 1x | 30x30mm

900mA | Ra90 | Fixture flux 3000K from 177lm to 198lm

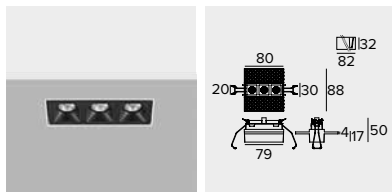
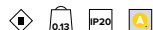


Optic	2700K	3000K	3500K	4000K
FL 29° 3W	1T7678	1T7679	1T7680	1T7681
WFL 56° 3W	1T7682	1T7683	1T7684	1T7685
AM 60° 3W	1T9018	1T9019	1T9020	1T9021

**Note** To be completed with an ON-OFF or DALI driver.  
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 15.

## OZ Stand Alone Trimless | Small 3x | 80x30mm

600mA | Ra90 | Fixture flux 3000K from 336lm to 397lm

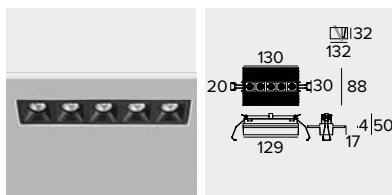


Optic	2700K	3000K	3500K	4000K
FL 29° 5W	1T7702	1T7703	1T7704	1T7705
WFL 56° 5W	1T7706	1T7707	1T7708	1T7709
AM 60° 5W	1T9022	1T9023	1T9024	1T9025
ELL 5W	1T9026	1T9027	1T9028	1T9029
ELT 5W	1T9030	1T9031	1T9032	1T9033

**Note** To be completed with an ON-OFF or DALI driver.  
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 15.

## OZ Stand Alone Trimless | Small 5x | 130x30mm

600mA | Ra90 | Fixture flux 3000K from 561lm to 663lm



Optic	2700K	3000K	3500K	4000K
FL 29° 9W	1T7726	1T7727	1T7728	1T7729
WFL 56° 9W	1T7730	1T7731	1T7732	1T7733
AM 60° 9W	1T9034	1T9035	1T9036	1T9037
ELL 9W	1T9038	1T9039	1T9040	1T9041
ELT 9W	1T9042	1T9043	1T9044	1T9045

**Note** To be completed with an ON-OFF or DALI driver.  
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 15.

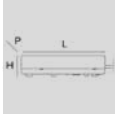



Related codes and accessories

OZ | Codes compatible with the whole range

Related codes


Power Supply

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	110x22x52	20W	110-240Vac	600mA	IP20	1T8172EL
	110x22x52	20W 15W	220-240Vac 110-127Vac	900mA	IP20	1T5295EL
Electronic power supply.						

	Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
	156x26x52	20W	230Vac	600mA	IP20	1T8172DA
	156x26x52	20W	230Vac	900mA	IP20	1T7686DA
DALI power supply.						

Accessory codes

Emergency Kit

	Code
	A059
Emergency kit composed of an inverter a LiFePO4 battery and a LED Green indicator. Allows permanent EP emergency use of the fixture it is connected to. The 1h or 3h autonomy can be selected by configuring the fixture. The batteries take 12h to completely recharge. LED Green indicator wired to the inverter through single-core cables L= 800mm. Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded. Battery size 160x54x30 mm. Inverter size 165x40x25 mm.	

Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 24.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 24.	

# 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.

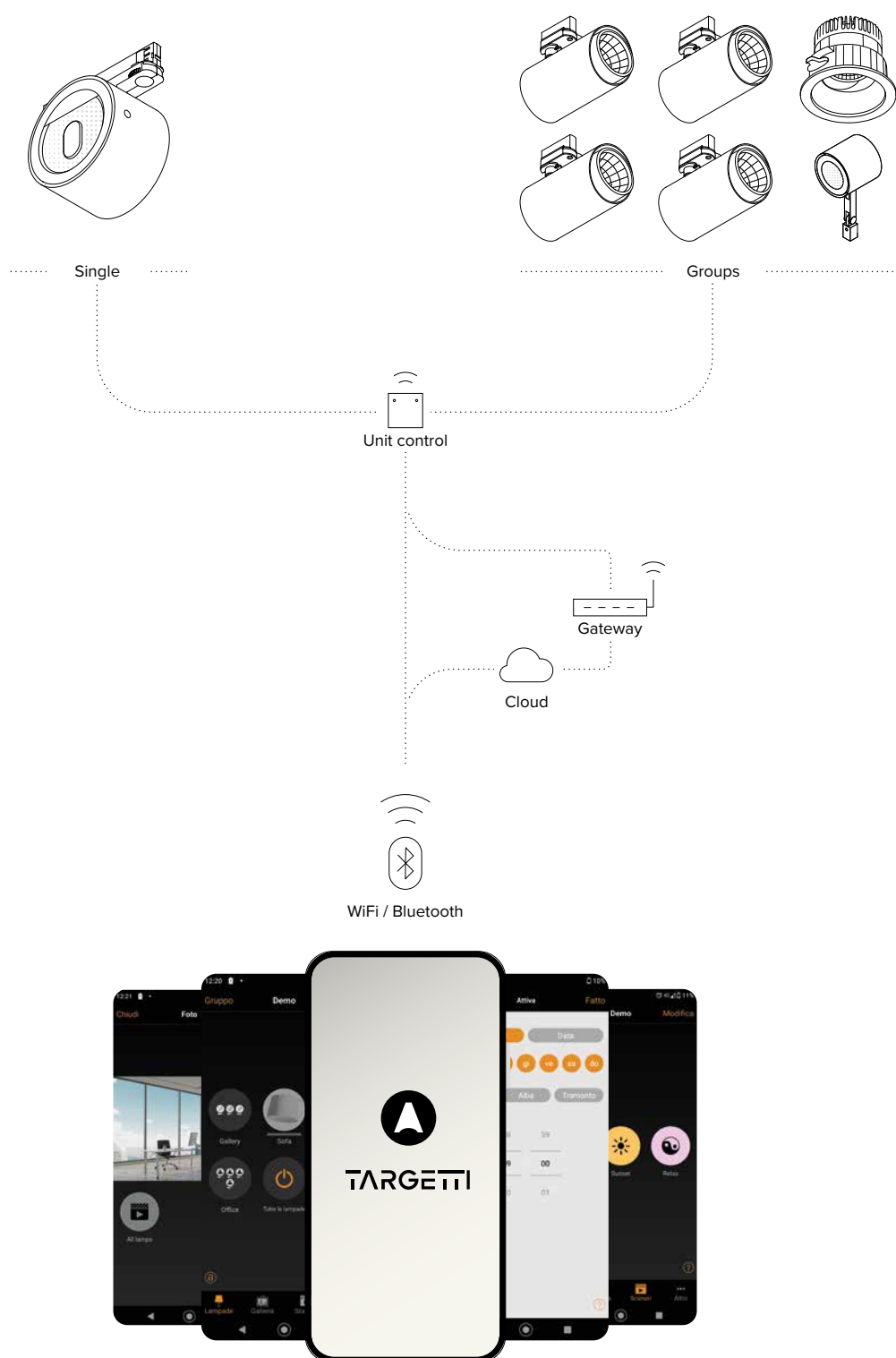
## **Mesh self-healing network**

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



**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.

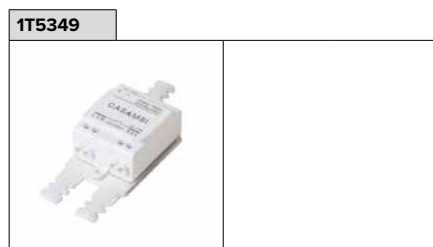
## Casambi Accessories

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

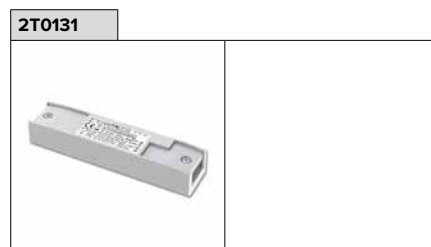


IP20 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones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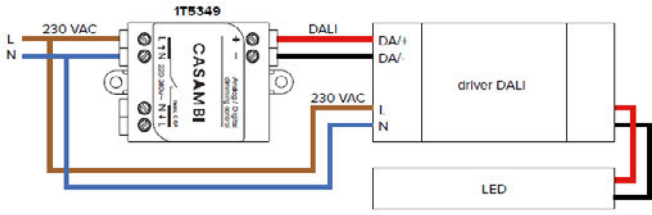
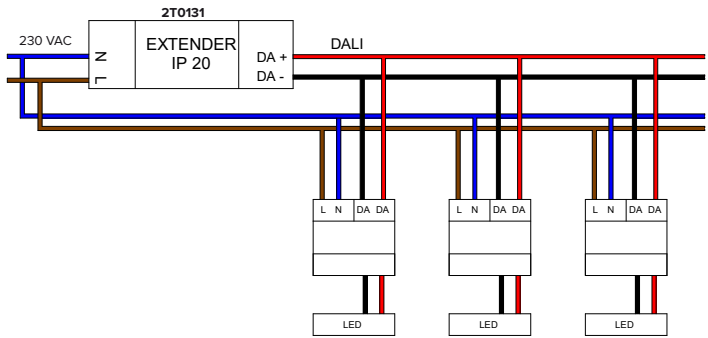
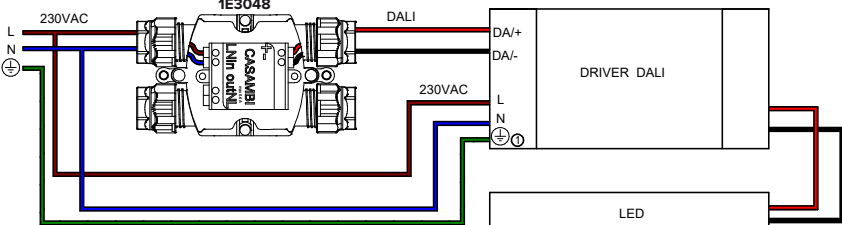
## Quadro sinottico accessori Casambi

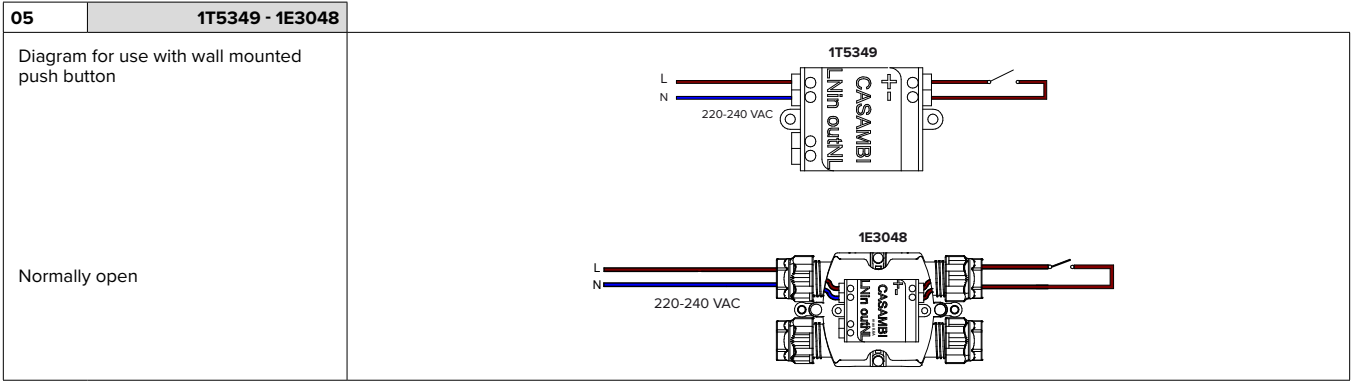
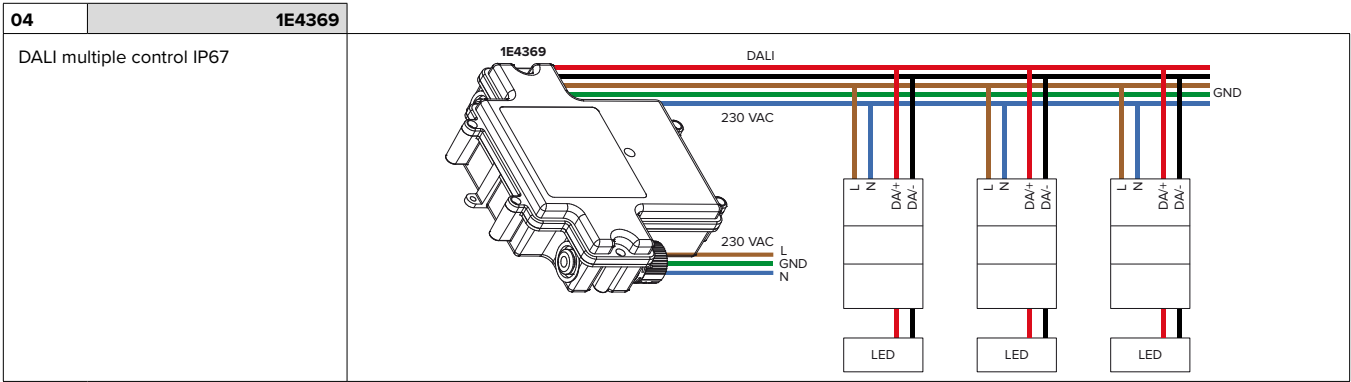
Product	Variant	1T5349 Control module IP20	2T0131 Extender IP20	1E3048 Control module IP67	1E4369 Extender IP67	Schema Pag. 28
 <b>BEBOP RECESSED</b>	DALI Version	●	●			01 - 02
 <b>CCTEVO ARCHITECTURAL</b>	DALI Version	●	●			01 - 02
 <b>CCTEVO DOWNLIGHT</b>	DALI Version	●	●			01 - 02
 <b>CCTEVO TUBE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



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

Wiring diagrams

01	1T5349	<p>Single DALI control IP20</p> 
02	2T0131	<p>DALI multiple control IP20</p> 
03	1E3048	<p>DALI single control IP67</p> 



# 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;
- transmitting 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

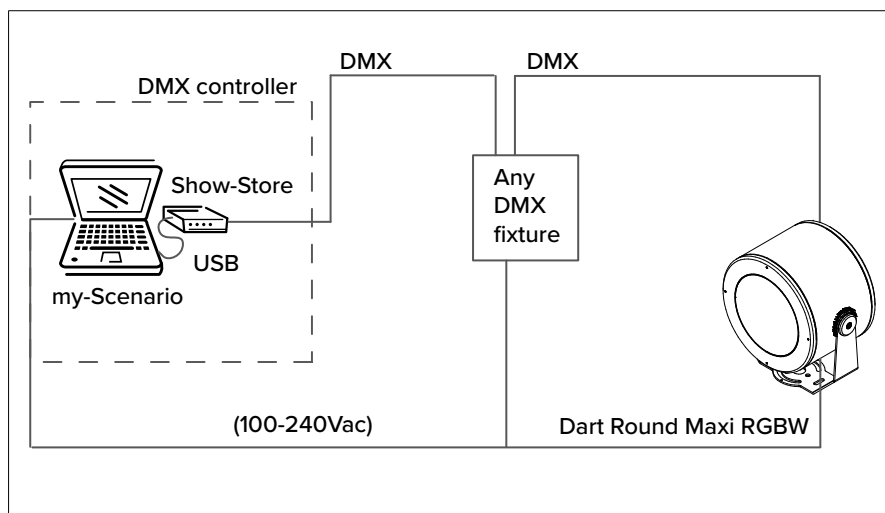
patching function allows to assign the DMX control channels to the fixtures by using the internal library.

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)

### 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.



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".

