

Downlights

CCTEVO ARCHITECTURAL

















TARGETTI

CCTEVO ARCHITECTURAL

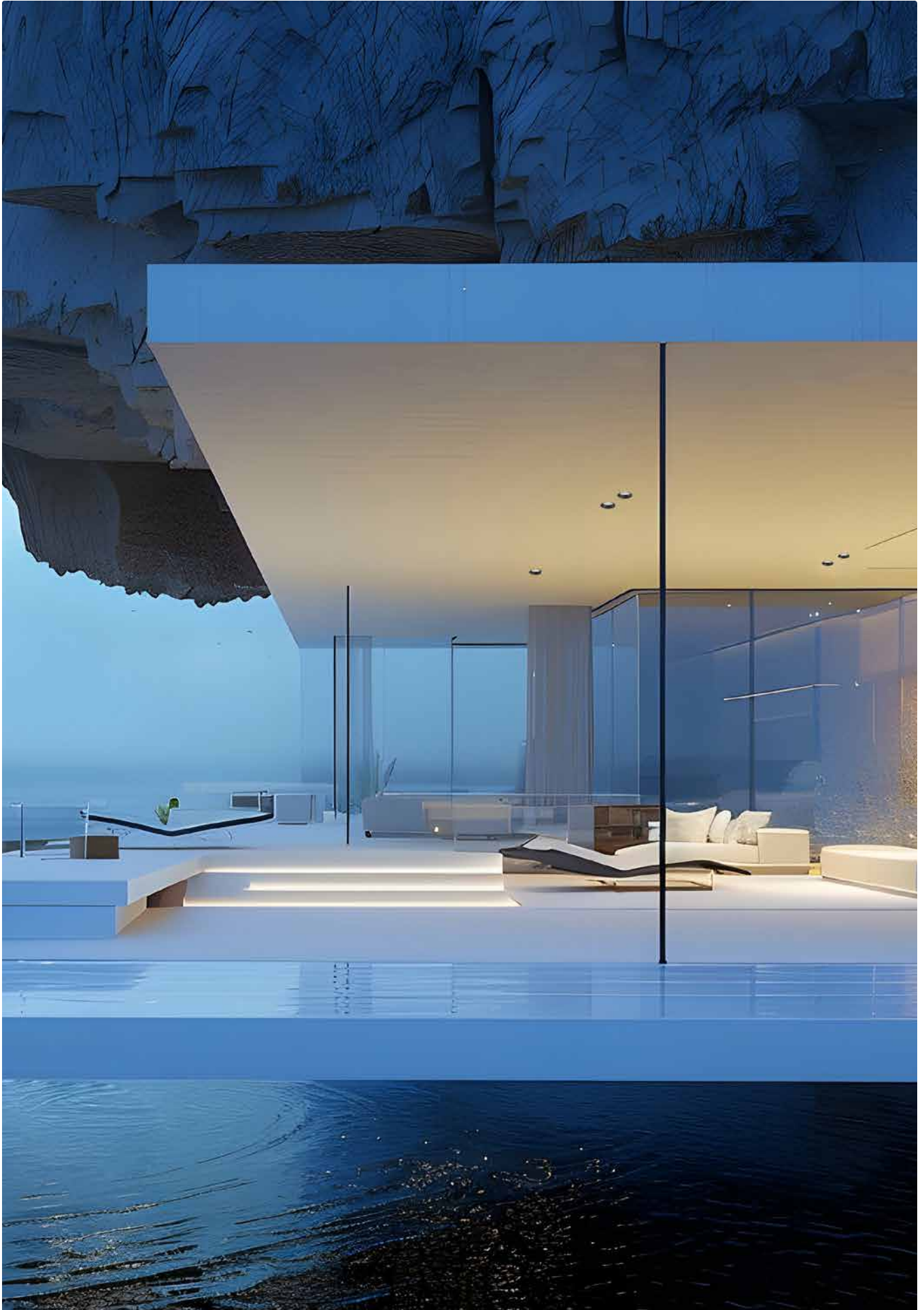


The range of CCTEvo Architectural recessed projectors are high performance with quality optical systems and attention to every aesthetic and functional detail. The design was studied to maintain the same family feeling of the Label series of track projectors, for aesthetic and performance continuity between recessed and track-mounted solutions.

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

110-277V Power Supply
CRI 80

ON REQUEST







Ø 160mm
From 14W to 74W
Flux from 898lm to 5670lm (3000K)

Optics
NSP
SP
FL
MWFL
WFL

Ø 105mm
From 7W to 21W
Flux from 357lm to 1752lm (3000K)

Optics
NSP
SP
FL
MWFL



CCTEvo Architectural is a very versatile projector with a professional performance. Four different sizes, two colours and four different beam openings. It has two different finishes: «trim» with a white or black visible stop ring or trimless without a visible ring to be completely integrated into the plasterboard. This way the fixture becomes an integral part of the architectural environment.

Ø 78mm
From 11W to 13W
Flux from 641lm to 1187lm (3000K)

Optics
SP
FL
MWFL

Ø 58mm
From 10W to 11W
Flux from 702lm to 857lm (3000K)

Optics
SP
FL
WFL



Solutions with a trimless finish without
a visible stop ring





Reflector

The optic system with reflector makes it possible to obtain well distributed beams with a well-marked gradient (fall-off). This is an excellent compromise between high efficiency and a quality lighting effect.

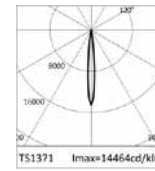
Lighting effects

CCTEvo Architectural is an extremely flexible tool. The different optics available allow from Narrow Spot to Wide Flood beam openings.

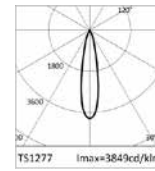


Ø160
Up to 100lm/W
From 898lm to 3175lm
2700K - 3000K - 3500K - 4000K
Ra90

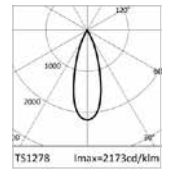
REFLECTOR



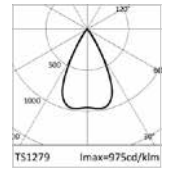
NSP 10°



SP 21°



FL 33°

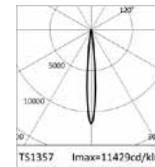


WFL 55°

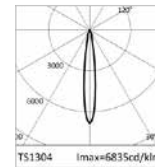


Ø105
Up to 94lm/W
From 357lm to 1752lm
2700K - 3000K - 3500K - 4000K
Ra90

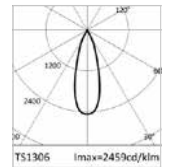
REFLECTOR



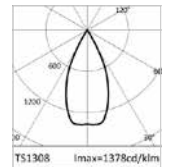
NSP 10°



SP 14°



FL 31°

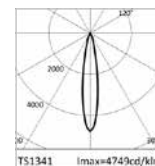


MWFL 48°

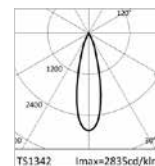


Ø78
Up to 98lm/W
From 641lm to 1187lm
2700K - 3000K - 3500K - 4000K
Ra90

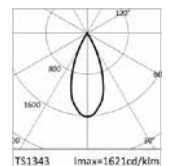
REFLECTOR



SP 18°



FL 27°

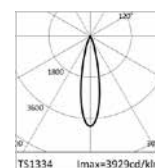


MWFL 42°

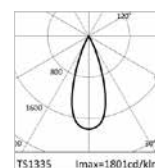


Ø58
Up to 95lm/W
From 702lm to 857lm
2700K - 3000K - 3500K - 4000K
Ra90

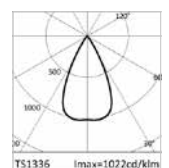
REFLECTOR



SP 23°



FL 37°



WFL 53°



For the **Ø 160mm** and **Ø 105mm** versions there are a mechanical aiming lock and a graduated ring which make it possible to replicate aiming with multiple products even before installation.

A real recessed projector

The VCR aiming system which, by combining rotation and translation, makes it possible to have a tilt of up to 40° on the vertical plane for the Ø 160mm versions and up to 30° for all the other versions and of 358° on the horizontal plane.

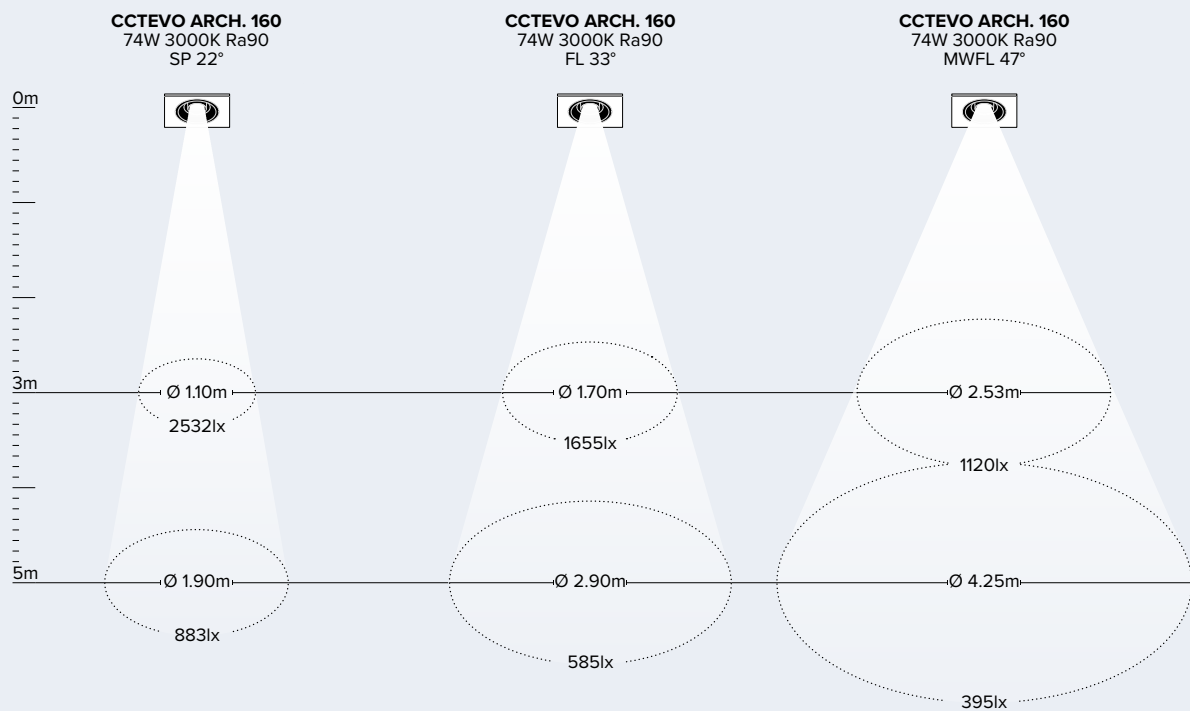
Diameter	Adjustability on the vertical plane	Adjustability on the horizontal plane	Aiming
Ø 160mm	Max 40° (except the 64W version)	358°	Mechanical aiming lock and graduated ring
Ø 105mm	Max 30°	358°	Mechanical aiming lock and graduated ring
Ø 78mm	Max 30°	358°	Mechanical aiming lock (access from the false ceiling)
Ø 58mm	Max 30°	-	Friction



The range of recessed projectors has the same family feeling and the Label range with the aim of creating aesthetic and performance continuity between products with different installation types: track, fixed, suspension or recessed projectors.

A wide range of standard finishes and on request

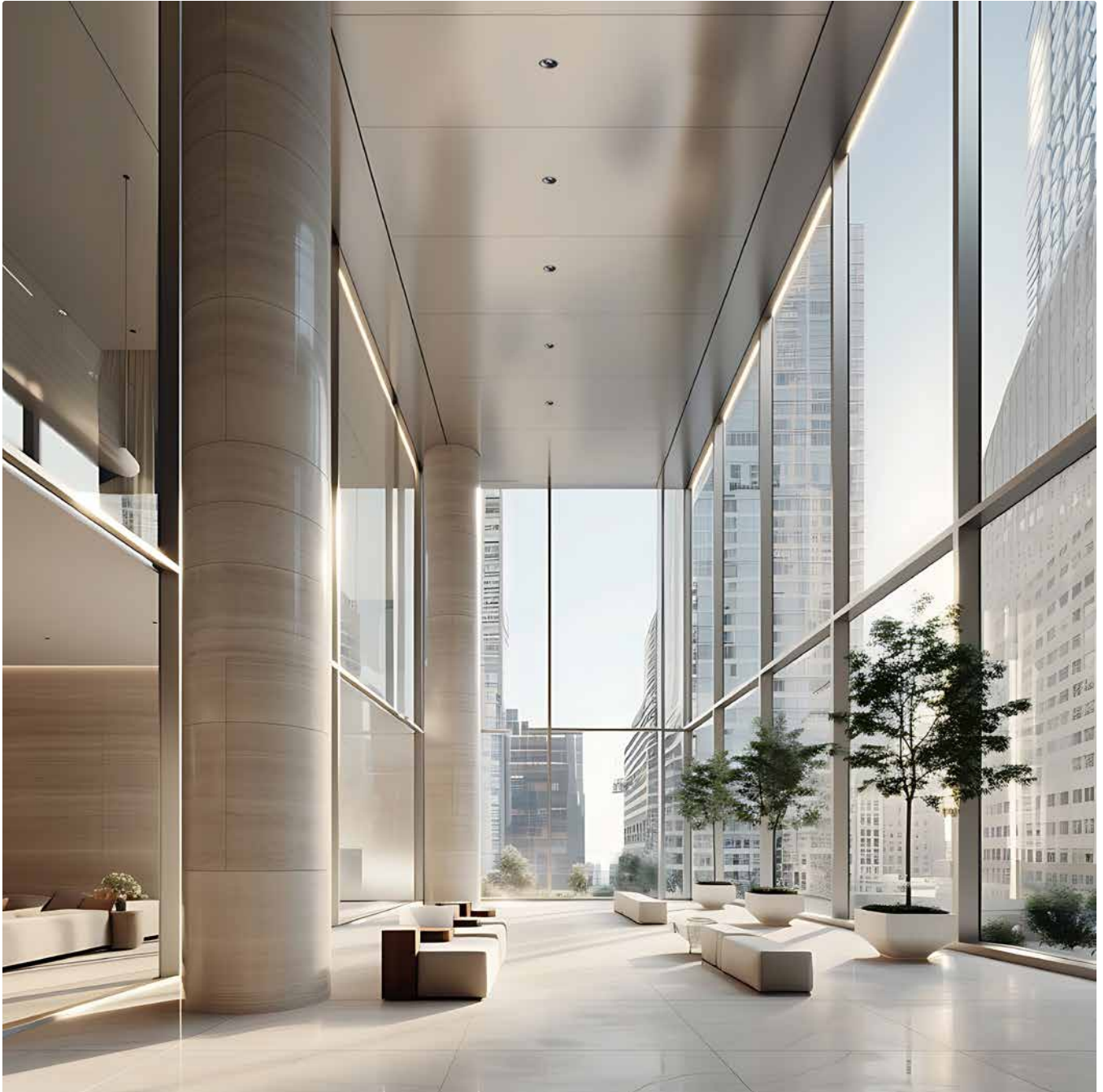
The standard finish solutions are «total white» and «total black» with or without a visible stop ring, but it is also possible to have the colours in the Colours range on request. In the Download section it is possible to download the Easy Custom Colour document with all the colours available.



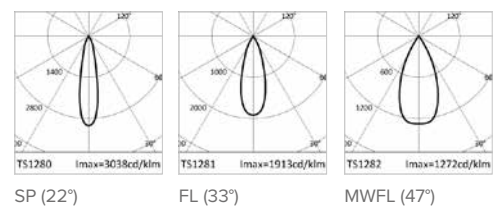
High Output version to light great heights

If it is necessary to illuminate from great heights the Architectural range also provides a “powerful” version in the Ø160 size. The visible optical part is identical to the standard versions. What changes is the heat sink, designed to dissipate the heat emanating from 66W power and 8118lm of luminous flux from the light source.

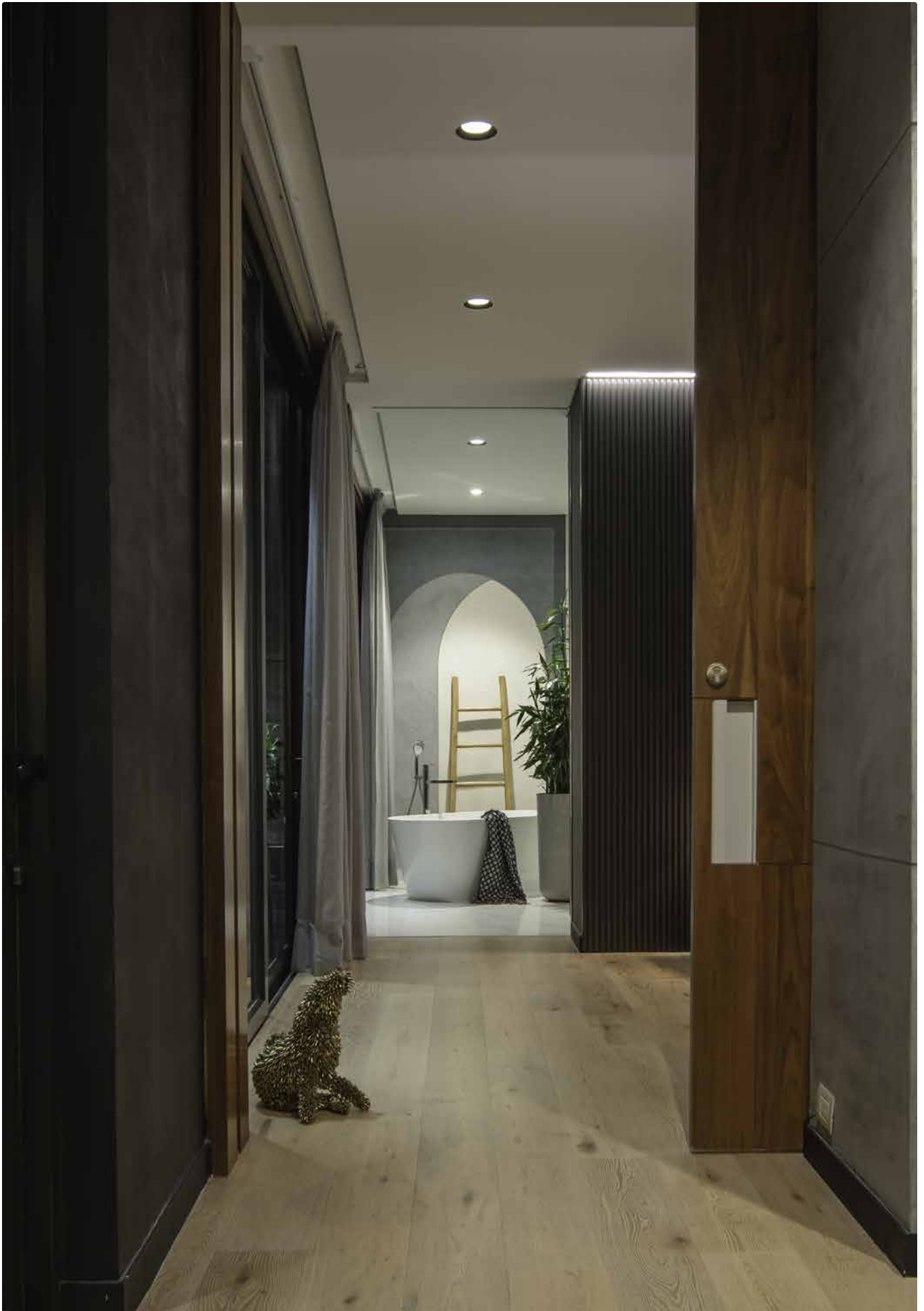
The CCTEvo Architectural High Power version makes it possible to effectively light spaces up to 5/6 metres high



Ø160 HO
Up to 83lm/W
From 5106lm to 5670lm
2700K - 3000K - 3500K - 4000K
Ra90

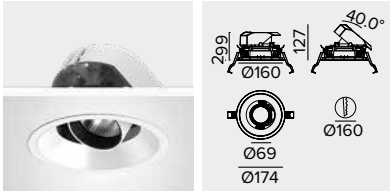


* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.



CCTEVO ARCHITECTURAL 160

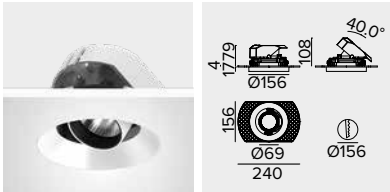
220-240Vac | Ra90 | Fixture flux 3000K from 898lm to 3175lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	NSP 10° 14W	ON-OFF	○	1T8578EL	1T8579EL	1T8580EL	1T8581EL
			●	1T8618EL	1T8619EL	1T8620EL	1T8621EL
		DALI	○	1T8578DA	1T8579DA	1T8580DA	1T8581DA
			●	1T8618DA	1T8619DA	1T8620DA	1T8621DA
	SP 21° 34W	ON-OFF	○	1T8583EL	1T8586EL	1T8589EL	1T8592EL
			●	1T8623EL	1T8626EL	1T8629EL	1T8632EL
		DALI	○	1T8583DA	1T8586DA	1T8589DA	1T8592DA
			●	1T8623DA	1T8626DA	1T8629DA	1T8632DA
	FL 33° 34W	ON-OFF	○	1T8595EL	1T8598EL	1T8601EL	1T8604EL
			●	1T8635EL	1T8638EL	1T8641EL	1T8644EL
		DALI	○	1T8595DA	1T8598DA	1T8601DA	1T8604DA
			●	1T8635DA	1T8638DA	1T8641DA	1T8644DA
	WFL 55° 34W	ON-OFF	○	1T8607EL	1T8610EL	1T8613EL	1T8616EL
			●	1T8647EL	1T8650EL	1T8653EL	1T8656EL
		DALI	○	1T8607DA	1T8610DA	1T8613DA	1T8616DA
			●	1T8647DA	1T8650DA	1T8653DA	1T8656DA

Note Accessory codes on page 18.

CCTEVO ARCHITECTURAL 160 Trimless


220-240Vac | Ra90 | Fixture flux 3000K from 898lm to 3175lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	NSP 10° 14W	ON-OFF	○	1T8578ELTR	1T8579ELTR	1T8580ELTR	1T8581ELTR
			●	1T8618ELTR	1T8619ELTR	1T8620ELTR	1T8621ELTR
		DALI	○	1T8578DATR	1T8579DATR	1T8580DATR	1T8581DATR
			●	1T8618DATR	1T8619DATR	1T8620DATR	1T8621DATR
	SP 21° 34W	ON-OFF	○	1T8583ELTR	1T8586ELTR	1T8589ELTR	1T8592ELTR
			●	1T8623ELTR	1T8626ELTR	1T8629ELTR	1T8632ELTR
		DALI	○	1T8583DATR	1T8586DATR	1T8589DATR	1T8592DATR
			●	1T8623DATR	1T8626DATR	1T8629DATR	1T8632DATR
	FL 33° 34W	ON-OFF	○	1T8595ELTR	1T8598ELTR	1T8601ELTR	1T8604ELTR
			●	1T8635ELTR	1T8638ELTR	1T8641ELTR	1T8644ELTR
		DALI	○	1T8595DATR	1T8598DATR	1T8601DATR	1T8604DATR
			●	1T8635DATR	1T8638DATR	1T8641DATR	1T8644DATR
	WFL 55° 34W	ON-OFF	○	1T8607ELTR	1T8610ELTR	1T8613ELTR	1T8616ELTR
			●	1T8647ELTR	1T8650ELTR	1T8653ELTR	1T8656ELTR
		DALI	○	1T8607DATR	1T8610DATR	1T8613DATR	1T8616DATR
			●	1T8647DATR	1T8650DATR	1T8653DATR	1T8656DATR

Note Accessory codes on page 18.

CCTEVO ARCHITECTURAL 160 HO

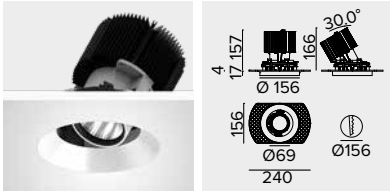
220-240Vac | Ra90 | Fixture flux 3000K from 5106lm to 5670lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 22° 74W	ON-OFF	○	1T8584EL	1T8587EL	1T8590EL	1T8593EL
			●	1T8624EL	1T8627EL	1T8630EL	1T8633EL
		DALI	○	1T8584DA	1T8587DA	1T8590DA	1T8593DA
			●	1T8624DA	1T8627DA	1T8630DA	1T8633DA
	FL 33° 74W	ON-OFF	○	1T8596EL	1T8599EL	1T8602EL	1T8605EL
			●	1T8636EL	1T8639EL	1T8642EL	1T8645EL
		DALI	○	1T8596DA	1T8599DA	1T8602DA	1T8605DA
			●	1T8636DA	1T8639DA	1T8642DA	1T8645DA
	MWFL 47° 74W	ON-OFF	○	1T8608EL	1T8611EL	1T8614EL	1T8617EL
			●	1T8648EL	1T8651EL	1T8654EL	1T8657EL
		DALI	○	1T8608DA	1T8611DA	1T8614DA	1T8617DA
			●	1T8648DA	1T8651DA	1T8654DA	1T8657DA

Note Accessory codes on page 18.

CCTEVO ARCHITECTURAL 160 HO Trimless

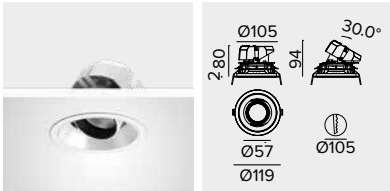
220-240Vac | Ra90 | Fixture flux 3000K from 5106lm to 5670lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 22° 74W	ON-OFF	○	1T8584ELTR	1T8587ELTR	1T8590ELTR	1T8593ELTR
			●	1T8624ELTR	1T8627ELTR	1T8630ELTR	1T8633ELTR
		DALI	○	1T8584DATR	1T8587DATR	1T8590DATR	1T8593DATR
			●	1T8624DATR	1T8627DATR	1T8630DATR	1T8633DATR
	FL 33° 74W	ON-OFF	○	1T8596ELTR	1T8599ELTR	1T8602ELTR	1T8605ELTR
			●	1T8636ELTR	1T8639ELTR	1T8642ELTR	1T8645ELTR
		DALI	○	1T8596DATR	1T8599DATR	1T8602DATR	1T8605DATR
			●	1T8636DATR	1T8639DATR	1T8642DATR	1T8645DATR
	MWFL 47° 74W	ON-OFF	○	1T8608ELTR	1T8611ELTR	1T8614ELTR	1T8617ELTR
			●	1T8648ELTR	1T8651ELTR	1T8654ELTR	1T8657ELTR
		DALI	○	1T8608DATR	1T8611DATR	1T8614DATR	1T8617DATR
			●	1T8648DATR	1T8651DATR	1T8654DATR	1T8657DATR

Note Accessory codes on page 18.

CCTEVO ARCHITECTURAL 105

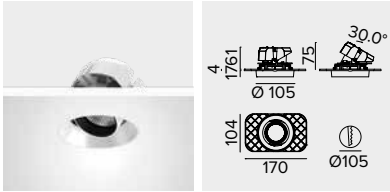
220-240Vac | Ra90 | Fixture flux 3000K from 357lm to 1752lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	NSP 10° 7W	ON-OFF	○	1T8698EL	1T8699EL	1T8700EL	1T8701EL
			●	1T8738EL	1T8739EL	1T8740EL	1T8741EL
		DALI	○	1T8698DA	1T8699DA	1T8700DA	1T8701DA
			●	1T8738DA	1T8739DA	1T8740DA	1T8741DA
	SP 14° 21W	ON-OFF	○	1T8703EL	1T8706EL	1T8709EL	1T8712EL
			●	1T8743EL	1T8746EL	1T8749EL	1T8752EL
		DALI	○	1T8703DA	1T8706DA	1T8709DA	1T8712DA
			●	1T8743DA	1T8746DA	1T8749DA	1T8752DA
	FL 31° 20W	ON-OFF	○	1T8715EL	1T8718EL	1T8721EL	1T8724EL
			●	1T8755EL	1T8758EL	1T8761EL	1T8764EL
		DALI	○	1T8715DA	1T8718DA	1T8721DA	1T8724DA
			●	1T8755DA	1T8758DA	1T8761DA	1T8764DA
	MWFL 48° 20W	ON-OFF	○	1T8727EL	1T8730EL	1T8733EL	1T8736EL
			●	1T8767EL	1T8770EL	1T8773EL	1T8776EL
		DALI	○	1T8727DA	1T8730DA	1T8733DA	1T8736DA
			●	1T8767DA	1T8770DA	1T8773DA	1T8776DA

Note Accessory codes on page 18.

CCTEVO ARCHITECTURAL 105 Trimless

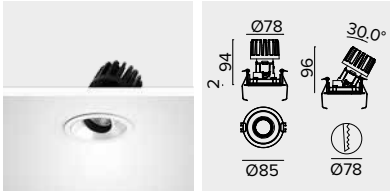
220-240Vac | Ra90 | Fixture flux 3000K from 357lm to 1752lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	NSP 10° 7W	ON-OFF	○	1T8698ELTR	1T8699ELTR	1T8700ELTR	1T8701ELTR
			●	1T8738ELTR	1T8739ELTR	1T8740ELTR	1T8741ELTR
		DALI	○	1T8698DATR	1T8699DATR	1T8700DATR	1T8701DATR
			●	1T8738DATR	1T8739DATR	1T8740DATR	1T8741DATR
	SP 14° 21W	ON-OFF	○	1T8703ELTR	1T8706ELTR	1T8709ELTR	1T8712ELTR
			●	1T8743ELTR	1T8746ELTR	1T8749ELTR	1T8752ELTR
		DALI	○	1T8703DATR	1T8706DATR	1T8709DATR	1T8712DATR
			●	1T8743DATR	1T8746DATR	1T8749DATR	1T8752DATR
	FL 31° 20W	ON-OFF	○	1T8715ELTR	1T8718ELTR	1T8721ELTR	1T8724ELTR
			●	1T8755ELTR	1T8758ELTR	1T8761ELTR	1T8764ELTR
		DALI	○	1T8715DATR	1T8718DATR	1T8721DATR	1T8724DATR
			●	1T8755DATR	1T8758DATR	1T8761DATR	1T8764DATR
	MWFL 48° 20W	ON-OFF	○	1T8727ELTR	1T8730ELTR	1T8733ELTR	1T8736ELTR
			●	1T8767ELTR	1T8770ELTR	1T8773ELTR	1T8776ELTR
		DALI	○	1T8727DATR	1T8730DATR	1T8733DATR	1T8736DATR
			●	1T8767DATR	1T8770DATR	1T8773DATR	1T8776DATR

Note Accessory codes on page 18.

CCTEVO ARCHITECTURAL 78

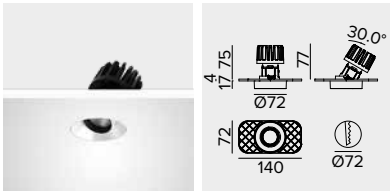
220-240Vac | Ra90 | Fixture flux 3000K from 641lm to 1187lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 18° 11W	ON-OFF	○	1T7886EL	1T7887EL	1T7888EL	1T7889EL
			●	1T8826EL	1T8827EL	1T8828EL	1T8829EL
		DALI	○	1T7886DA	1T7887DA	1T7888DA	1T7889DA
			●	1T8826DA	1T8827DA	1T8828DA	1T8829DA
	FL 27° 13W	ON-OFF	○	1T8818EL	1T8819EL	1T8820EL	1T8821EL
			●	1T8830EL	1T8831EL	1T8832EL	1T8833EL
		DALI	○	1T8818DA	1T8819DA	1T8820DA	1T8821DA
			●	1T8830DA	1T8831DA	1T8832DA	1T8833DA
	MWFL 42° 13W	ON-OFF	○	1T8822EL	1T8823EL	1T8824EL	1T8825EL
			●	1T8834EL	1T8835EL	1T8836EL	1T8837EL
		DALI	○	1T8822DA	1T8823DA	1T8824DA	1T8825DA
			●	1T8834DA	1T8835DA	1T8836DA	1T8837DA

Note Accessory codes on page 18.

CCTEVO ARCHITECTURAL 78 Trimless

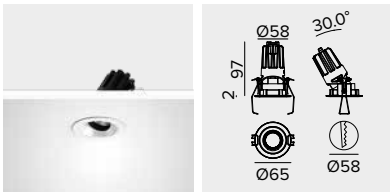
220-240Vac | Ra90 | Fixture flux 3000K from 641lm to 1187lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 18° 11W	ON-OFF	○	1T7886ELTR	1T7887ELTR	1T7888ELTR	1T7889ELTR
			●	1T8826ELTR	1T8827ELTR	1T8828ELTR	1T8829ELTR
		DALI	○	1T7886DATR	1T7887DATR	1T7888DATR	1T7889DATR
			●	1T8826DATR	1T8827DATR	1T8828DATR	1T8829DATR
	FL 27° 13W	ON-OFF	○	1T8818ELTR	1T8819ELTR	1T8820ELTR	1T8821ELTR
			●	1T8830ELTR	1T8831ELTR	1T8832ELTR	1T8833ELTR
		DALI	○	1T8818DATR	1T8819DATR	1T8820DATR	1T8821DATR
			●	1T8830DATR	1T8831DATR	1T8832DATR	1T8833DATR
	MWFL 42° 13W	ON-OFF	○	1T8822ELTR	1T8823ELTR	1T8824ELTR	1T8825ELTR
			●	1T8834ELTR	1T8835ELTR	1T8836ELTR	1T8837ELTR
		DALI	○	1T8822DATR	1T8823DATR	1T8824DATR	1T8825DATR
			●	1T8834DATR	1T8835DATR	1T8836DATR	1T8837DATR

Note Accessory codes on page 18.



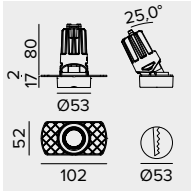












CCTEVO ARCHITECTURAL 58

220-240Vac | Ra90 | Fixture flux 3000K from 702lm to 857lm

	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 23° 11W	ON-OFF	○	1T8446EL	1T8447EL	1T8448EL	1T8449EL
			●	1T8470EL	1T8471EL	1T8472EL	1T8473EL
		DALI	○	1T8446DA	1T8447DA	1T8448DA	1T8449DA
			●	1T8470DA	1T8471DA	1T8472DA	1T8473DA
	FL 37° 10W	ON-OFF	○	1T8450EL	1T8451EL	1T8452EL	1T8453EL
			●	1T8474EL	1T8475EL	1T8476EL	1T8477EL
		DALI	○	1T8450DA	1T8451DA	1T8452DA	1T8453DA
			●	1T8474DA	1T8475DA	1T8476DA	1T8477DA
	WFL 53° 10W	ON-OFF	○	1T8454EL	1T8455EL	1T8456EL	1T8457EL
			●	1T8478EL	1T8479EL	1T8480EL	1T8481EL
		DALI	○	1T8454DA	1T8455DA	1T8456DA	1T8457DA
			●	1T8478DA	1T8479DA	1T8480DA	1T8481DA

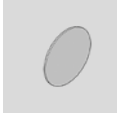

Note Accessory codes on page 18.

CCTEVO ARCHITECTURAL 58 Trimless
220-240Vac | Ra90 | Fixture flux 3000K from 702lm to 857lm



<div></div> <div></div> <div></div>	Optic	Driver	Colour	2700K	3000K	3500K	4000K
	SP 23° 11W	ON-OFF		1T8446ELTR	1T8447ELTR	1T8448ELTR	1T8449ELTR
				1T8470ELTR	1T8471ELTR	1T8472ELTR	1T8473ELTR
		DALI		1T8446DATR	1T8447DATR	1T8448DATR	1T8449DATR
				1T8470DATR	1T8471DATR	1T8472DATR	1T8473DATR
	FL 37° 10W	ON-OFF		1T8450ELTR	1T8451ELTR	1T8452ELTR	1T8453ELTR
				1T8474ELTR	1T8475ELTR	1T8476ELTR	1T8477ELTR
		DALI		1T8450DATR	1T8451DATR	1T8452DATR	1T8453DATR
				1T8474DATR	1T8475DATR	1T8476DATR	1T8477DATR
	WFL 53° 10W	ON-OFF		1T8454ELTR	1T8455ELTR	1T8456ELTR	1T8457ELTR
				1T8478ELTR	1T8479ELTR	1T8480ELTR	1T8481ELTR
		DALI		1T8454DATR	1T8455DATR	1T8456DATR	1T8457DATR
				1T8478DATR	1T8479DATR	1T8480DATR	1T8481DATR

Note Accessory codes on page 18.



Accessory codes
CCTEVO ARCHITECTURAL 160

Filter			Grid		
	Ø mm	Code		Ø mm	Code
	63	1T8094		63	1T8093
		Holographic PMMA filter with blade of light effect. Allows the beam to be made oval; combined with spot and flood optics the effect appears more pronounced. Cannot be used with HO versions.			Anti-glare louver. Black painted metal honeycomb structure. Cannot be used with HO versions.


Accessory codes
CCTEVO ARCHITECTURAL 105

Filter			Grid		
	Ø mm	Code		Ø mm	Code
	50	1T4721		50	1T4322
		PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.			Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter.

Accessory codes
CCTEVO ARCHITECTURAL 78

Filter			Grid		
	Ø mm	Code		Ø mm	Code
	34	1T6931		34	1T6930
		PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.			Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter.

Accessory codes
CCTEVO ARCHITECTURAL | Codes compatible with the whole range

Mounting System		
	L mm	Code
	2500	1T9606
		Anti-fall safety cable to secure the body of the appliance to the building structure.

Accessory codes

Control systems

	Code		Code
	1T5349		2T0131
IP20 wireless control unit with DALI interface. More details on page 28.		IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page 28.	

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

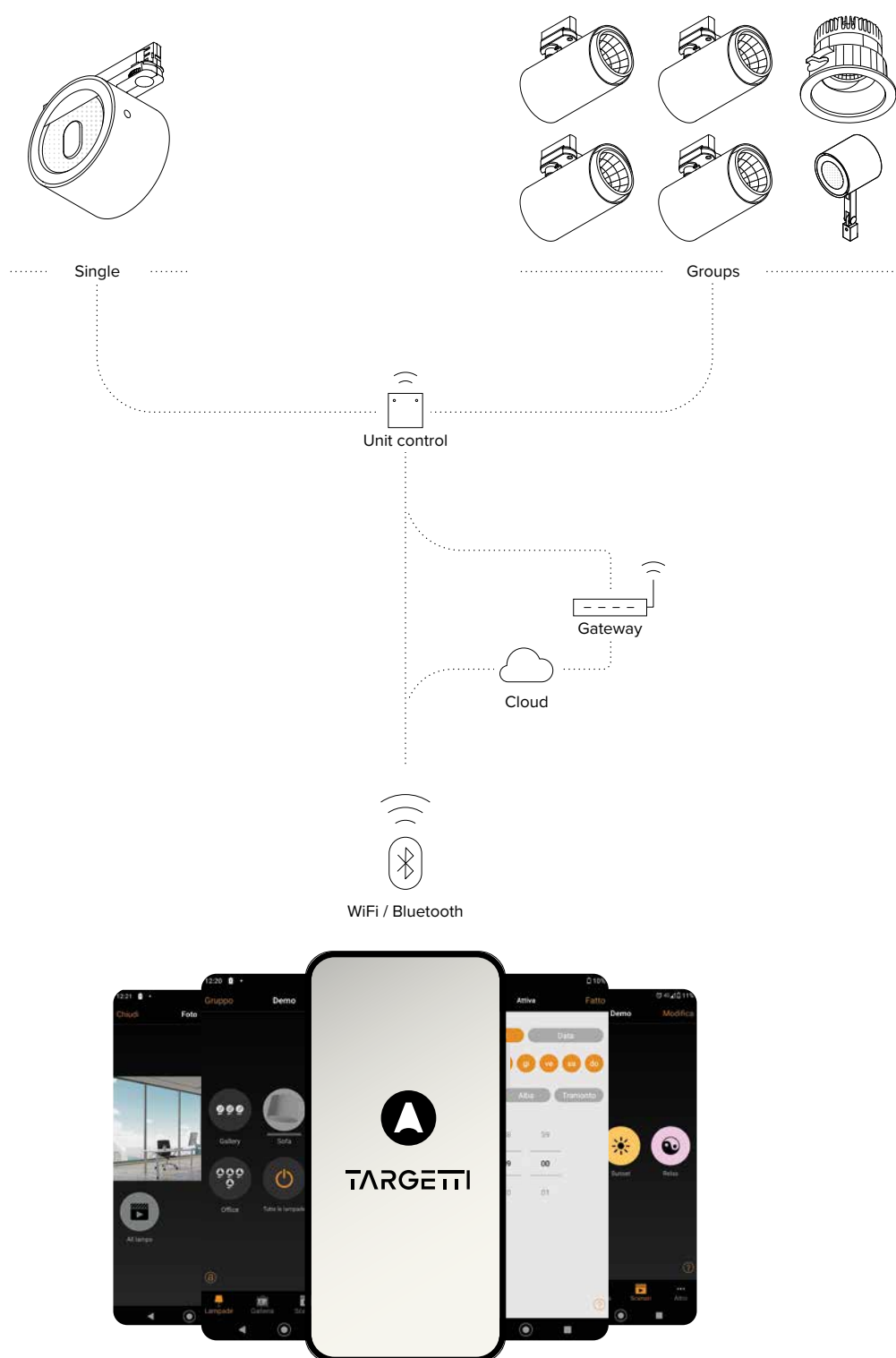
fixtures that are installed in the space automatically by using the BLE (Casambi Bluetooth Low Energy) proprietary protocol to communicate with the various fixtures. No Internet connection is necessary except for synchronisation functions or remote access.

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

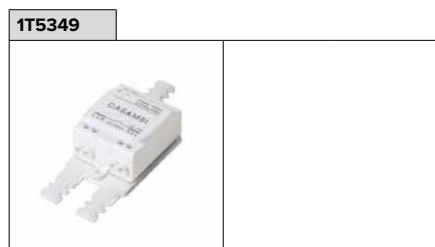
External accessories with simple electric cables make it possible to control Targetti fixtures in wireless mode.

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

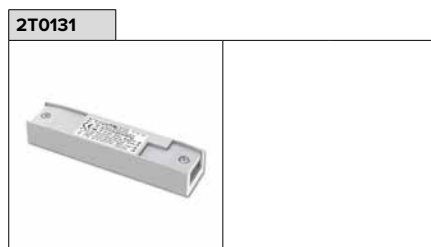


IP20 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones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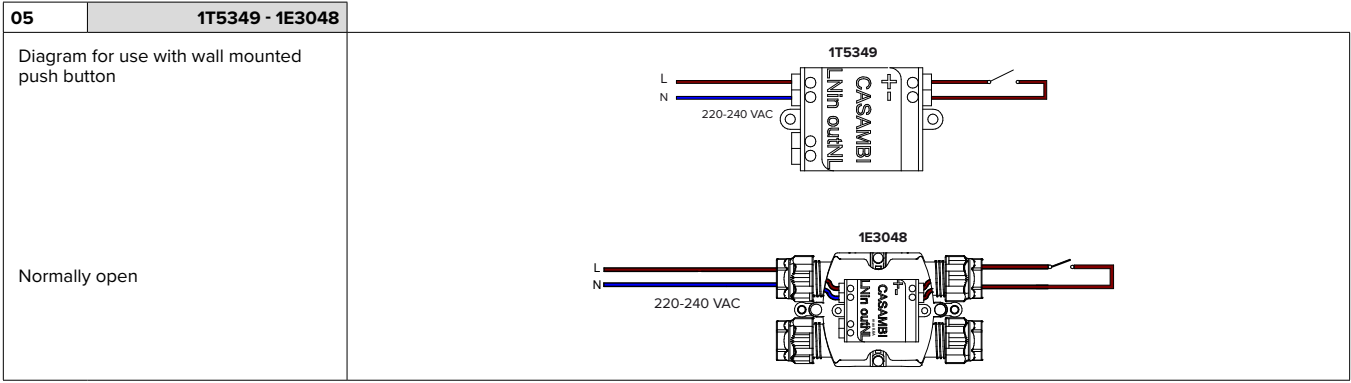
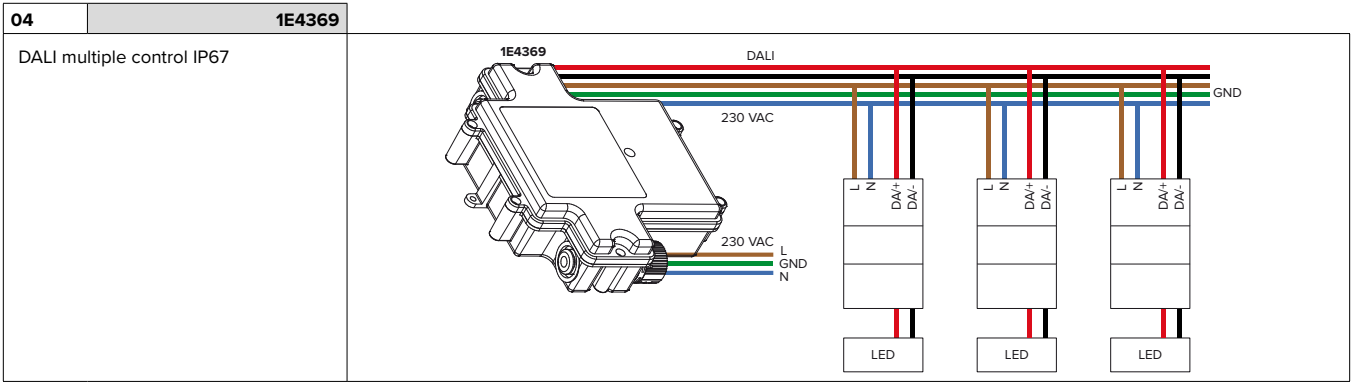
Quadro sinottico accessori Casambi

Product	Variant	1T5349 Control module IP20	2T0131 Extender IP20	1E3048 Control module IP67	1E4369 Extender IP67	Schema Pag. 28
 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	



DMX

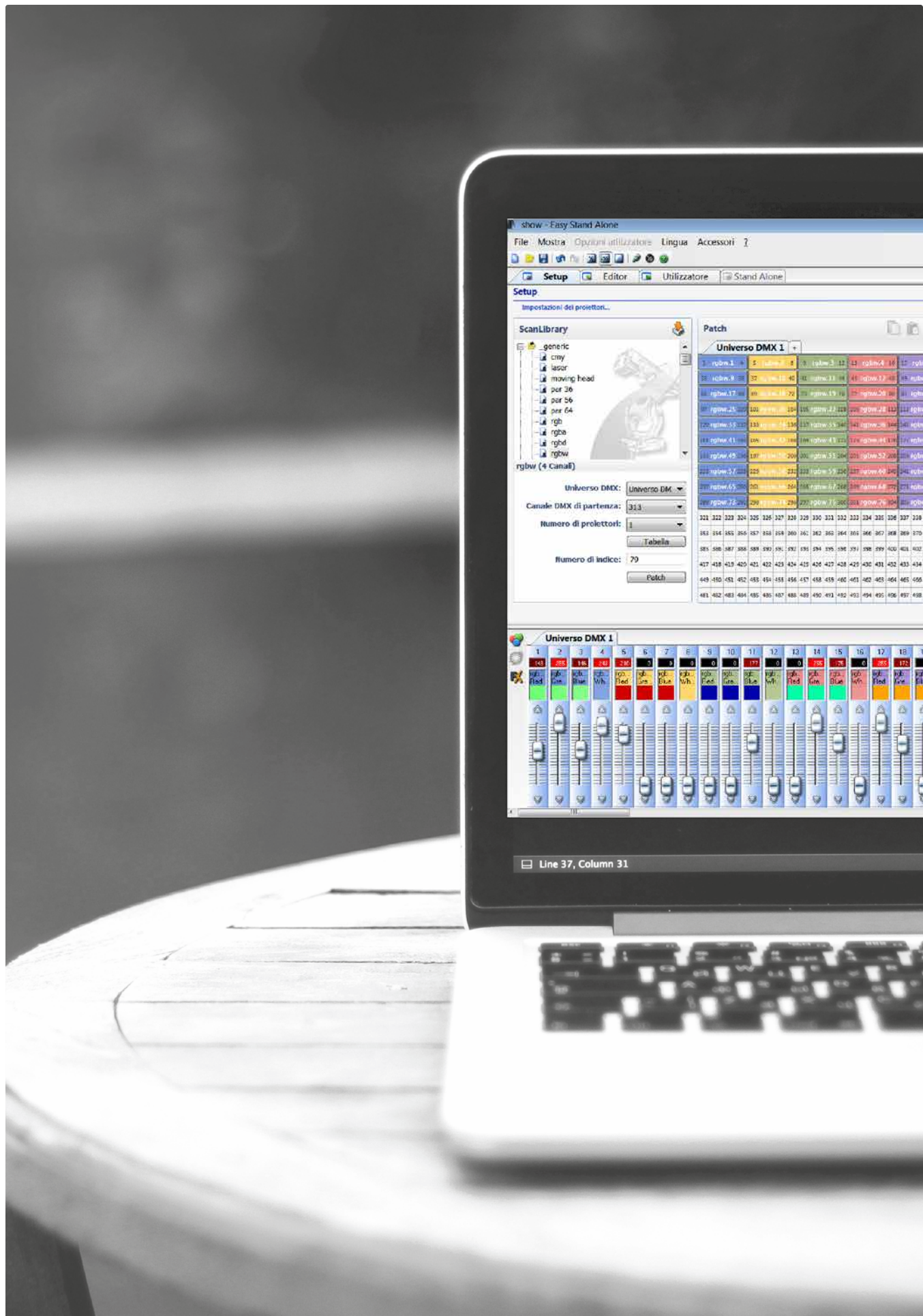
Control system for DMX, Tunable White and RGBW fixtures

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.

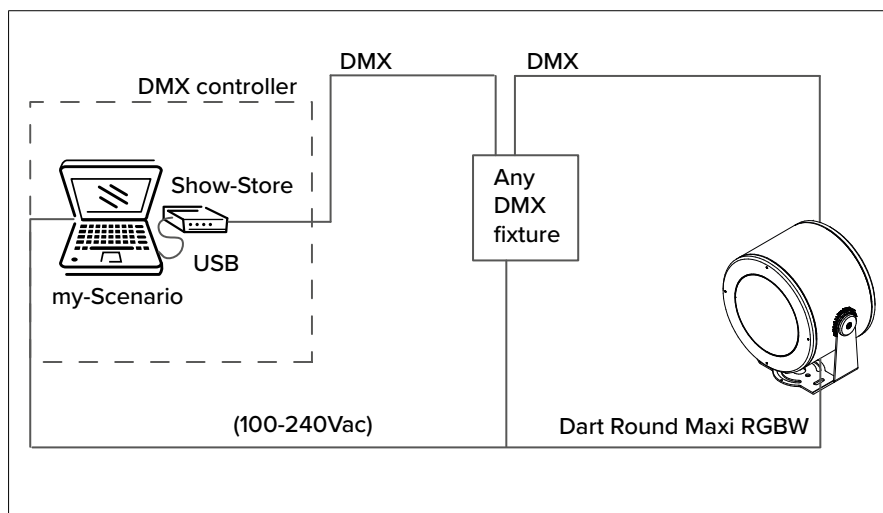
The Colour Manager function allows a quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times. The programmed light shows can be transferred to the different control interfaces.

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

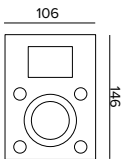


mySCENARIO Wall

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".

