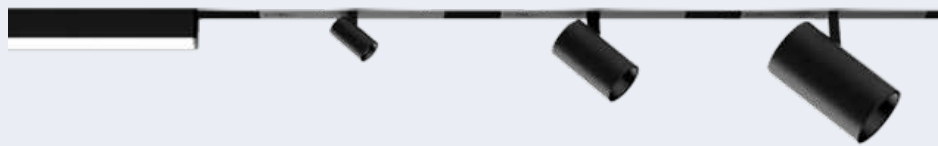


Systems

FORTYEIGHT























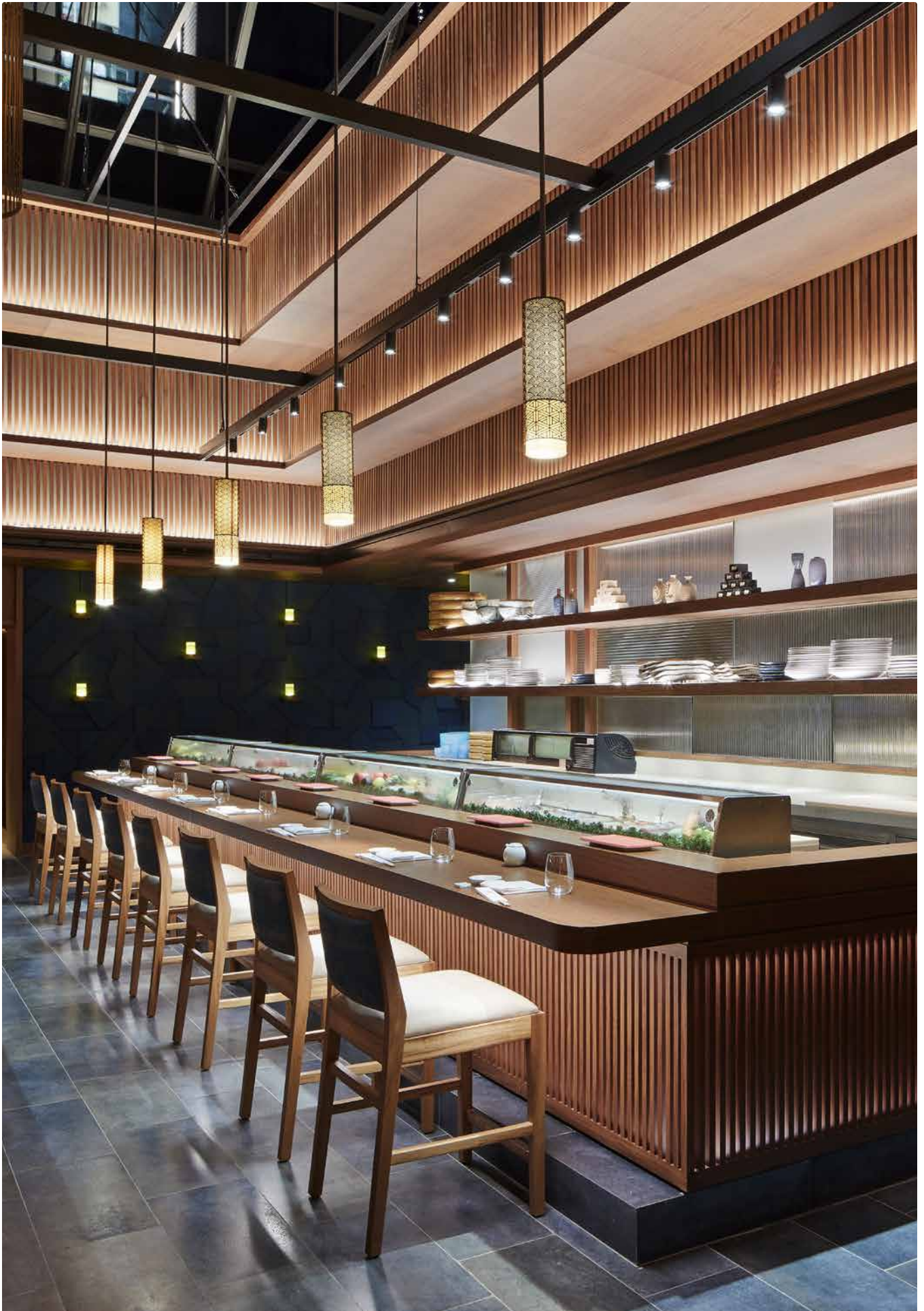
TARGETTI

FORTYEIGHT

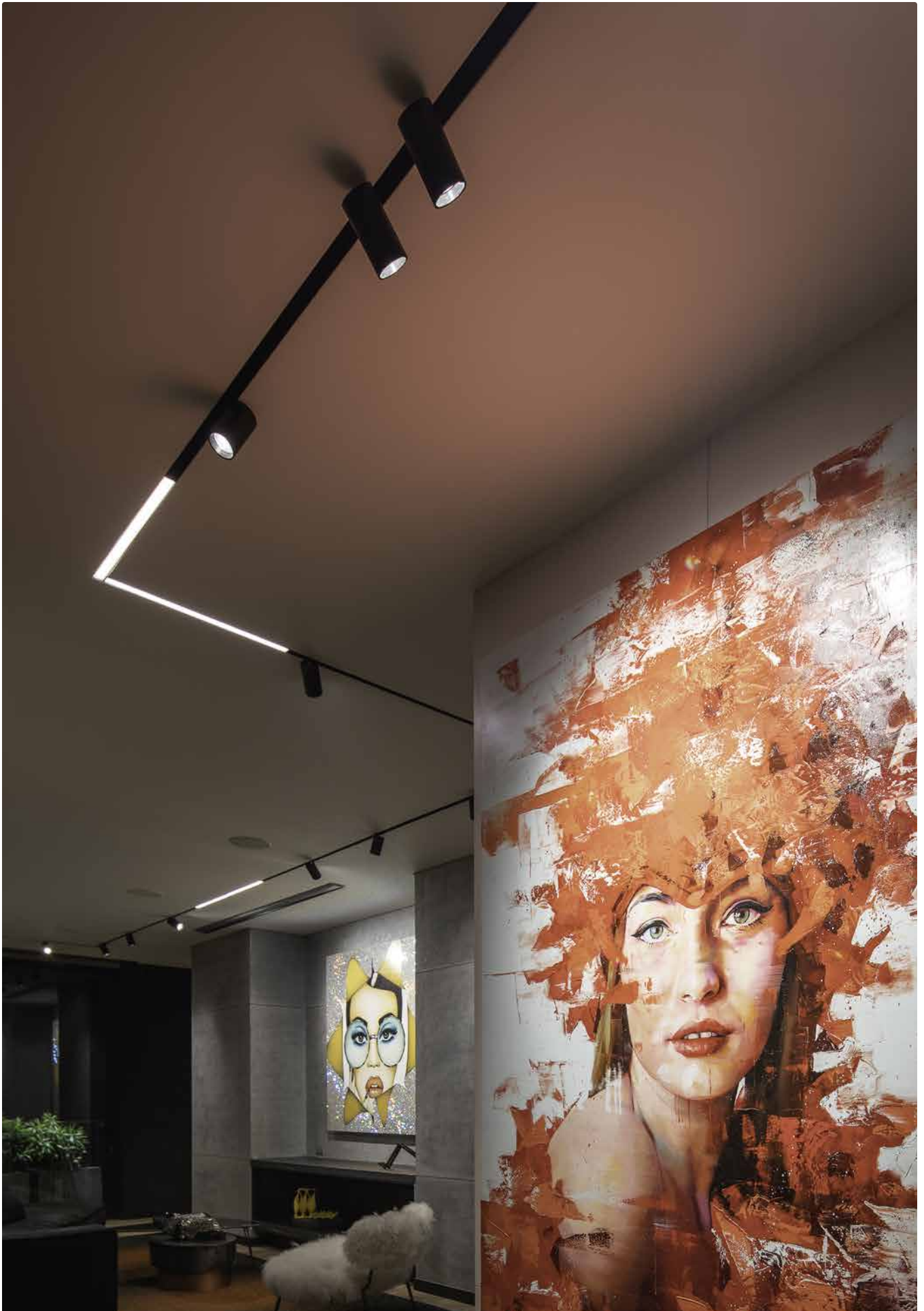


Is a complete and versatile system to design any space with light. Its thin profile can be ceiling-mounted, recessed or wall-mounted and can be equipped with different light units for diffused, spot and projected lighting effects.

									
Recessed	Ceiling-mounted	Suspension	Wall-mounted	Diffused	Spot	Accent	3000K	3500K	4000K
INSTALLATION				LIGHT			COLOUR TEMPERATURE		
									
Linear	Corner	Flexible	On-Off	Dali	Casambi	48Vdc			
CONFIGURATION			CONTROL			POWER SUPPLY			
			2700K (Logico 30) 3500K Power supply 110-277Vac (Label 7)						
White	Black	Easy Custom Colours	ON REQUEST						
FINISH									









DIFFUSED LIGHTING

LOGICO 30

A linear fixture for a soft and diffused lighting effect.



ACCENT LIGHTING

LABEL

Projector available in four different sizes. The optical unit can be adjusted from 0° to 90° on the vertical plane and by 360° on the horizontal plane with a friction beam locking system.

LOGICO 30
573mm | 1132mm

LABEL 2
Ø 23mm

LABEL 4
Ø 40mm

LABEL 6
Ø 59mm

LABEL 7
Ø 74mm



FORTYEIGHT provides a complete range of elements to create luminous geometries for wall-mounted, ceiling-mounted and even completely recessed installations. Different types of light units can be inserted into the profile to obtain a large variety of different lighting effects.



SPOT LIGHTING

LABEL SUSPENSION

Direct lighting complete with a suspension cable makes it possible to bring the light source closer to the surface to be lit.

LABEL FIX

It attaches directly to the track without the need of an arm for precise zenithal lighting and a minimal effect.

**LABEL 4
fix**
Ø 43mm

**LABEL 4
suspension**
Ø 43mm

**LABEL 6
fix**
Ø 59mm

**LABEL 6
suspension**
Ø 59mm

**LABEL 7
fix**
Ø 72mm

**LABEL 7
suspension**
Ø 72mm



THREE DIFFERENT TRACKS FOR DIFFERENT TYPES OF INSTALLATION.

H shaped section

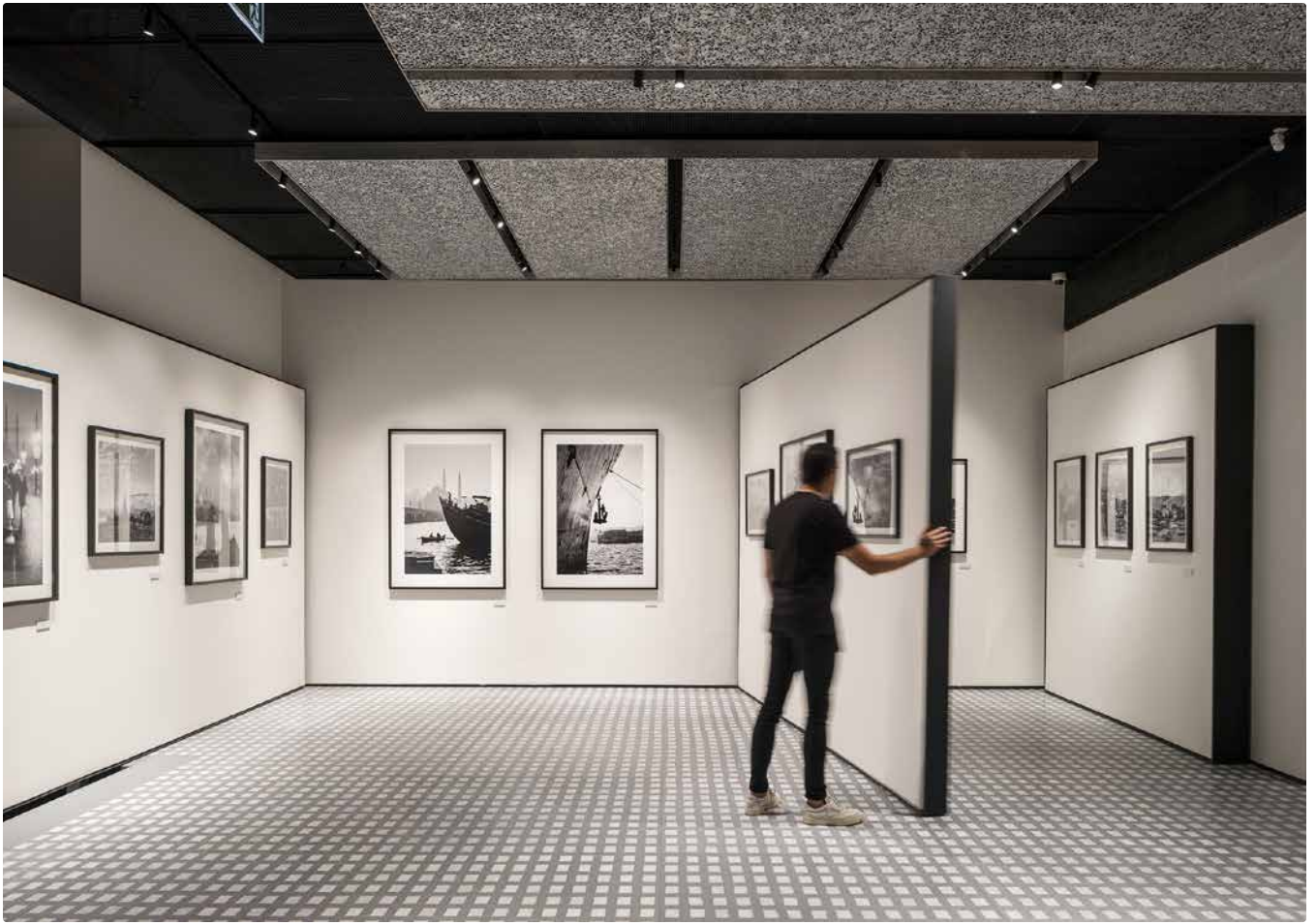
For ceiling-mounted or suspension installation. It can be fitted with any available light unit.

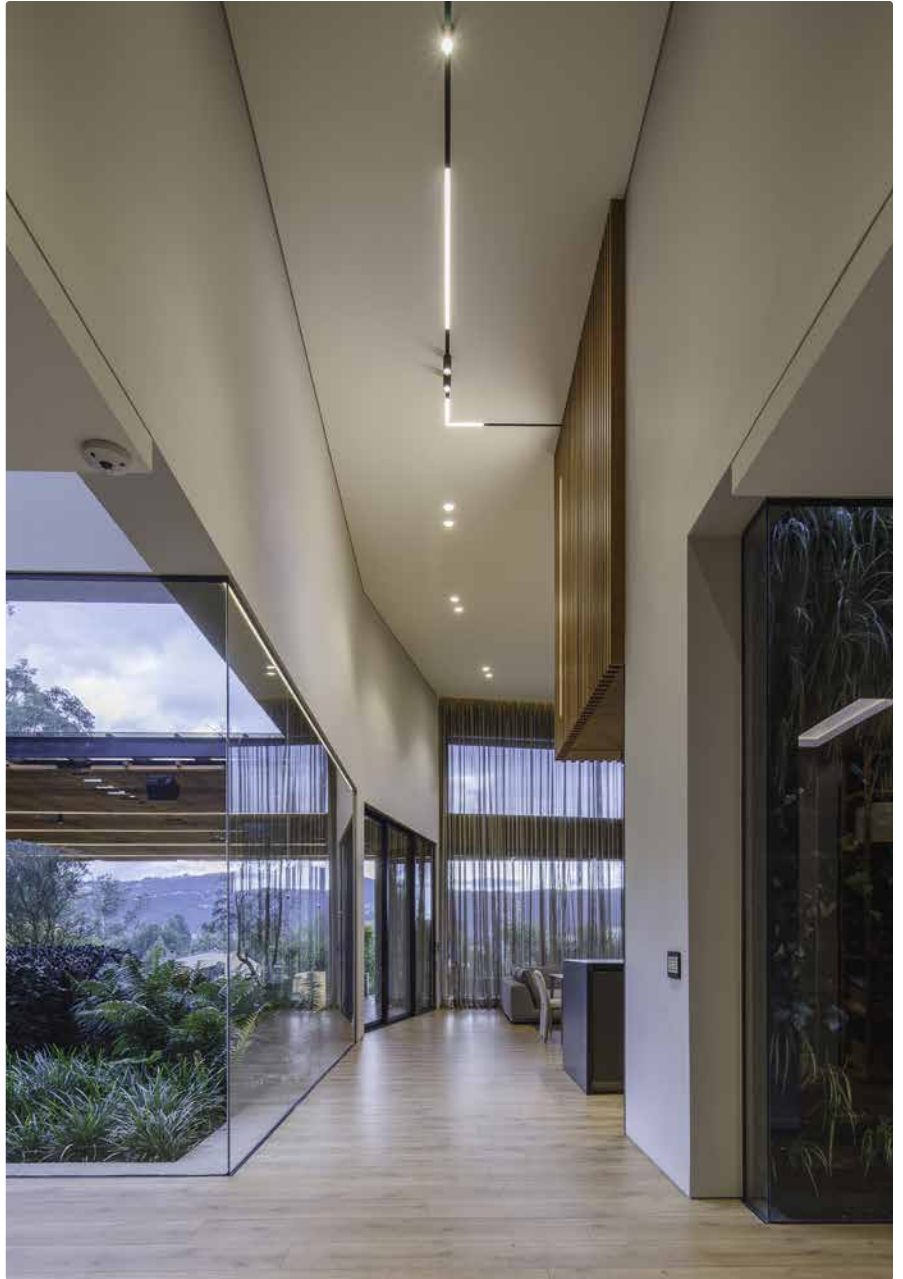
Recessed Trimless

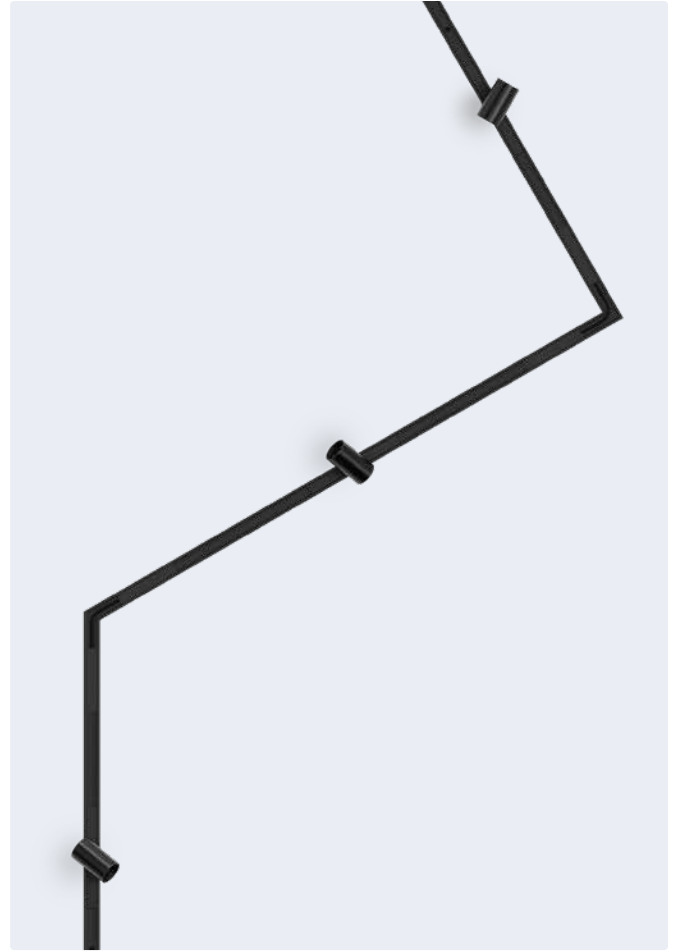
For recessed trimless installation in false ceilings with a flush track and protruding light units. It can be fitted with any available light unit.

Recessed Deep Trimless

For recessed deep installation with a completely recessed track in the false ceiling. This version can be fitted with linear elements that remain flush with the ceiling, with projectors with long arms and suspended light units.







The tracks connect together using mechanical and electrical joints. In the event of ceiling-wall-mounted installations, the tracks must be cut at 90° in the installation phase and connected together using the flexible electrical joint only.



The 48Vdc 16A track made of extruded aluminium is powered by a remote driver accessory available with three different power supplies and is completed with a power supply head to be placed directly on the track.
The maximum length of every installation connected to the same driver is 10 metres.



Control

The system can be controlled in various ways. DALI and the Casambi application make it possible to control the light fixtures on the system individually or in groups, to create and recall even dynamic lighting scenes.



ON – OFF

Turning the entire system connected to the same driver on and off.



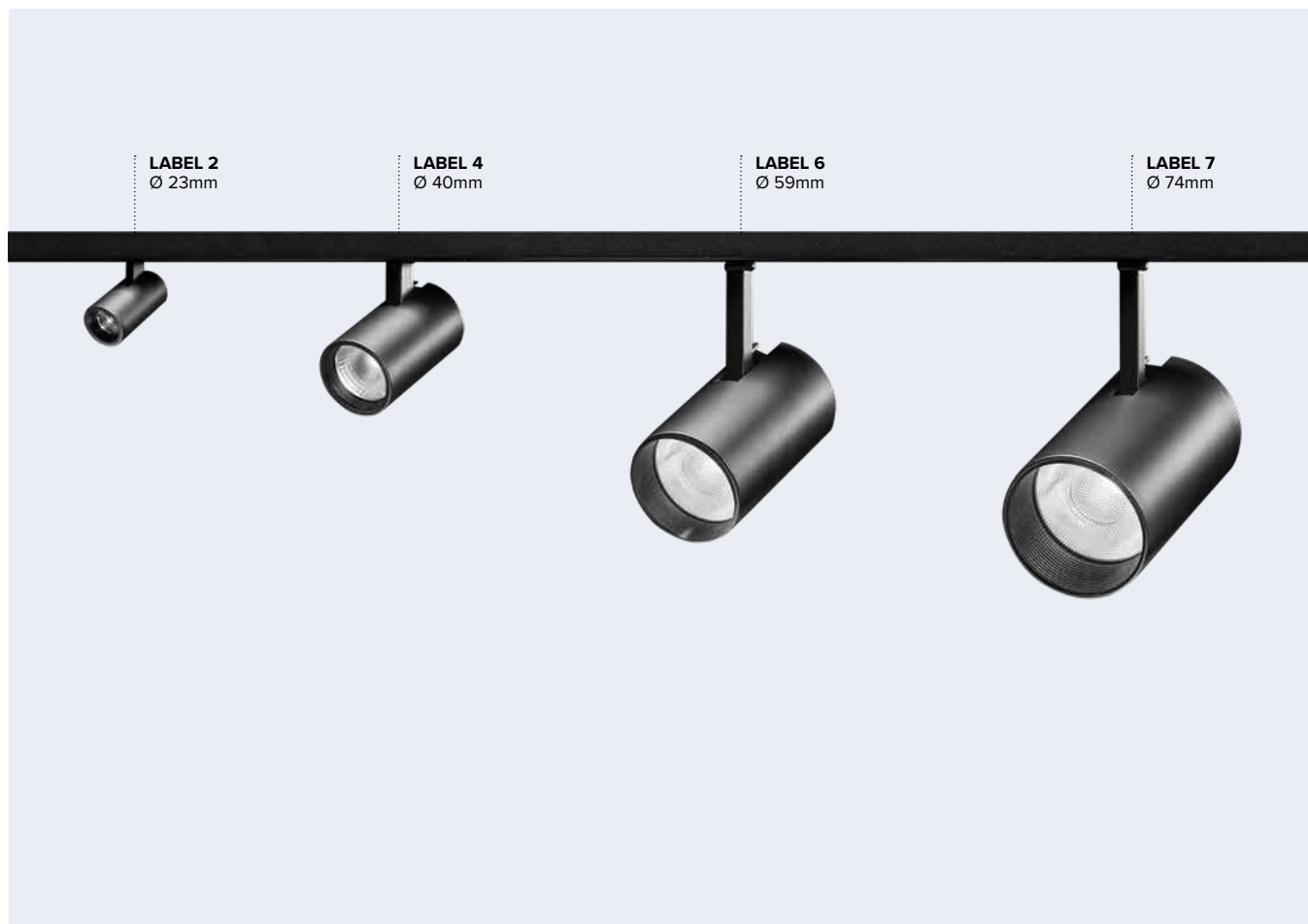
DALI

Individual control of each light unit with the possibility for dimming.



CASAMBI

Individual control of each light unit directly using the Casambi app.

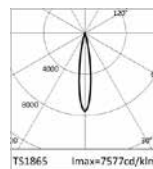


**Illuminate your system with
the light units available.**

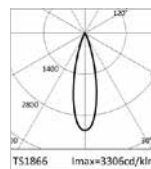


LABEL 7
Up to 112lm/W
From 965lm to 2397lm
2700K - 3000K - 4000K
Ra90

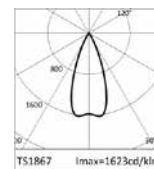
LENS



SP 17°



FL 26°

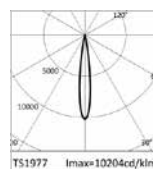


MWFL 41°

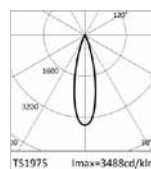


LABEL 6
Up to 115lm/W
From 865lm to 1597lm
2700K - 3000K - 4000K
Ra90

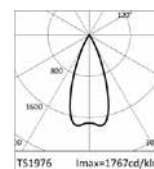
LENS



SP 14°



FL 26°

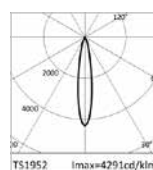


MWFL 41°

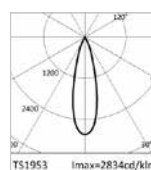


LABEL 4
Up to 110lm/W
From 563lm to 881lm
2700K - 3000K - 4000K
Ra90

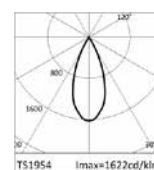
LENS



SP 18°



FL 27°

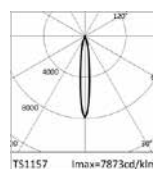


MWFL 42°

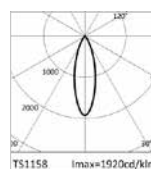


LABEL 2
Up to 43lm/W
From 131lm to 152lm
2700K - 3000K - 4000K
Ra90

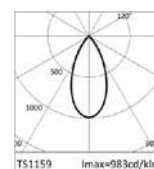
LENS



SP 13°



FL 31°

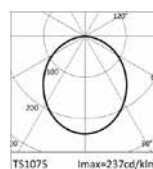


MWFL 49°



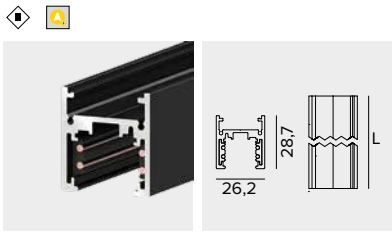
LOGICO 30
Up to 77lm/W
From 934lm to 1868lm
3000K - 4000K
Ra90

OPAL SCREEN



Opal

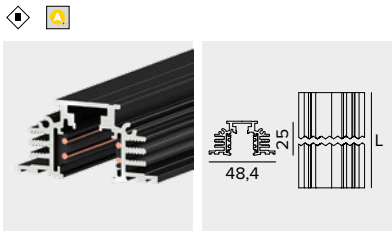
FORTYEIGHT Track H-shaped section | ceiling/suspension
 0-60Vdc



L mm	Kg	Colour	Code
1000	0.69	○	9500-1/W2-ST6-E
		●	9500-1/B-ST6-E
2000	1.38	○	9500-2/W2-ST6-E
		●	9500-2/B-ST6-E
3000	2.07	○	9500-3/W2-ST6-E
		●	9500-3/B-ST6-E

Note Related codes and accessory codes on page 15.

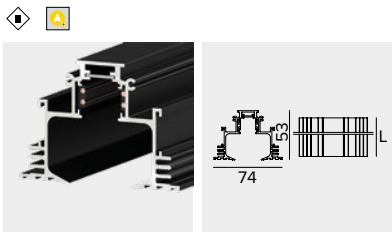
FORTYEIGHT Track trimless | recessed
 0-60Vdc



L mm	Kg	Colour	Code
1000	1.1	○	9500-1/W2-ST3-E
		●	9500-1/B-ST3-E
2000	2.2	○	9500-2/W2-ST3-E
		●	9500-2/B-ST3-E
3000	3.3	○	9500-3/W2-ST3-E
		●	9500-3/B-ST3-E

Note Related codes and accessory codes on page 15.

FORTYEIGHT Track trimless deep | recessed
 0-60Vdc



L mm	Kg	Colour	Code
1000	1.6	○	9500-1/W2-TA1
		●	9500-1/B-TA1
2000	3.2	○	9500-2/W2-TA1
		●	9500-2/B-TA1
3000	4.85	○	9500-3/W2-TA1
		●	9500-3/B-TA1













Note Related codes and accessory codes on page 15.

Related codes and accessories



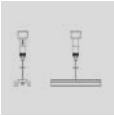

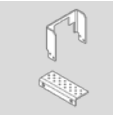




FORTYEIGHT Track

Related codes





End Caps

	Colour	Code		Colour	Code
		9504/ST3-W2			1T7171
		9504/ST3-B			1T6801
End cap for Trimless track. 1x			End cap for Trimless Deep track. 2x		
	Colour	Code		Colour	Code
		9504/ST6-W2			9504/ST6-W2-F
		9504/ST6-B			9504/ST6-B-F
End cap for H section track. 1x			End cap for H section track with a cable feed through hole. 1x		

Mounting System

	Colour	Code		Colour	Code
		1T9581			1T9582
Suspension installation kit with ABS adjustment on the fixture for H section track.			Suspension kit with ceiling adjustment for H section track.		
		Code			Code
		1T9583			1T9584
Kit composed of 4 lateral brackets and 2 stiffening brackets for the Trimless Deep track version.			Kit composed of 4 lateral brackets for the Trimless track version.		
	Colour	Code			
		S-9500/114-W2			
		S-9500/114-B			
Clip for fixing to the ceiling. For H section track.					

Power Supply

	Dimensions LxHxP mm	Power	IP	Code
	225x36x60	60W	IP20	1T6917EL
	240x49x60	130W	IP20	1T6916EL
	251x37x90	210W	IP67	1T7403EL
48Vdc electronic driver. 1T6917EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 20m - cable 1.5mm ² . 1T6916EL - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 10m - cable 1.5mm ² . 1T7403EL - Universal power supply (110-277V) for Electronic, DALI and Casambi systems. Maximum distance 5m - cable 1.5mm ² .				
	Colour	Code		
		9501-S/W-E		
		9501-S/B-E		
Not polarized power head.				

Related codes and accessories


FORTYEIGHT Track

Accessory codes







Mechanical connector




	Colour	Code		Colour	Code
		S-9500/323-SV			S-9500/314-W2
					S-9500/314-B
Aluminum bracket for continuous row joints for H section track.			Supporting bracket for direct connection for trimless and trimless deep applications.		

Tool




	Code
	S-9000/T
Tool for shearing conductors, to be used if necessary to cut the track during installation.	

Electrical Connector


	Colour	Code		Colour	Code
		9511/W-E			9503-S/W-E
		9511/B-E			9503-S/B-E
Not polarized L joint for trimless and trimless deep versions and a H section. For recessed installation the tracks must first be cut to 45°.			Not polarized through joint.		

	Colour	Code
		9518-S/W-E
		9518-S/B-E
Non polarised flexible connector.		

Mechanical connector

	Colour	Code
		S-9511/W2-ST6
		S-9511/B-ST6
Cover for L connector for H section track.		

Control systems

	Code
	2T0131
IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology. More details on page [672].	

FORTYEIGHT Label 7 | Short arm

48Vdc | Ra90 | Fixture flux 3000K from 2236lm to 2397lm



Optic	Version	Colour	2700K	3000K	4000K
SP 17° 23W	ON-OFF	○	1T8067EL	1T8068EL	1T8069EL
		●	1T8070EL	1T8071EL	1T8072EL
	DALI	○	1T8067DA	1T8068DA	1T8069DA
		●	1T8070DA	1T8071DA	1T8072DA
FL 26° 23W	ON-OFF	○	1T8073EL	1T8074EL	1T8075EL
		●	1T8076EL	1T8077EL	1T8078EL
	DALI	○	1T8073DA	1T8074DA	1T8075DA
		●	1T8076DA	1T8077DA	1T8078DA
MWFL 41° 23W	ON-OFF	○	1T8079EL	1T8080EL	1T8081EL
		●	1T8082EL	1T8083EL	1T8084EL
	DALI	○	1T8079DA	1T8080DA	1T8081DA
		●	1T8082DA	1T8083DA	1T8084DA

Note Related codes and accessory codes on page 23.

FORTYEIGHT Label 7 | Long arm

48Vdc | Ra90 | Fixture flux 3000K from 2236lm to 2397lm

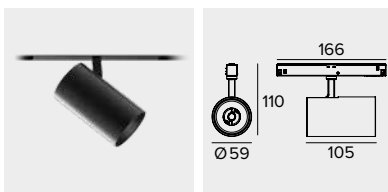


Optic	Version	Colour	2700K	3000K	4000K
SP 17° 23W	ON-OFF	○	1T8118EL	1T8119EL	1T8120EL
		●	1T8121EL	1T8122EL	1T8123EL
	DALI	○	1T8118DA	1T8119DA	1T8120DA
		●	1T8121DA	1T8122DA	1T8123DA
FL 26° 23W	ON-OFF	○	1T8124EL	1T8125EL	1T8126EL
		●	1T8127EL	1T8128EL	1T8129EL
	DALI	○	1T8124DA	1T8125DA	1T8126DA
		●	1T8127DA	1T8128DA	1T8129DA
MWFL 41° 23W	ON-OFF	○	1T8130EL	1T8131EL	1T8132EL
		●	1T8133EL	1T8134EL	1T8135EL
	DALI	○	1T8130DA	1T8131DA	1T8132DA
		●	1T8133DA	1T8134DA	1T8135DA

Note Related codes and accessory codes on page 23.

FORTYEIGHT Label 6 | Short arm

48Vdc | Ra90 | Fixture flux 3000K from 1314lm to 1597lm

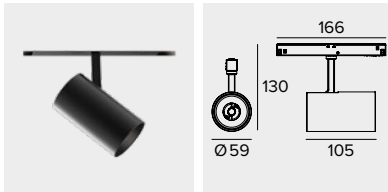


Optic	Version	Colour	2700K	3000K	4000K
SP 14° 16W	ON-OFF	○	1T9046EL	1T9047EL	1T9048EL
		●	1T9049EL	1T9050EL	1T9051EL
	DALI	○	1T9046DA	1T9047DA	1T9048DA
		●	1T9049DA	1T9050DA	1T9051DA
FL 26° 15W	ON-OFF	○	1T9052EL	1T9053EL	1T9054EL
		●	1T9055EL	1T9056EL	1T9057EL
	DALI	○	1T9052DA	1T9053DA	1T9054DA
		●	1T9055DA	1T9056DA	1T9057DA
MWFL 41° 15W	ON-OFF	○	1T9058EL	1T9059EL	1T9060EL
		●	1T9061EL	1T9062EL	1T9063EL
	DALI	○	1T9058DA	1T9059DA	1T9060DA
		●	1T9061DA	1T9062DA	1T9063DA

Note Related codes and accessory codes on page 23.

FORTYEIGHT Label 6 | Long arm

48Vdc | Ra90 | Fixture flux 3000K from 1314lm to 1597lm

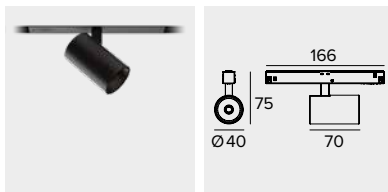


Optic	Version	Colour	2700K	3000K	4000K
SP 14° 16W	ON-OFF	○	1T9064EL	1T9065EL	1T9066EL
		●	1T9067EL	1T9068EL	1T9069EL
	DALI	○	1T9064DA	1T9065DA	1T9066DA
		●	1T9067DA	1T9068DA	1T9069DA
FL 26° 15W	ON-OFF	○	1T9070EL	1T9071EL	1T9072EL
		●	1T9073EL	1T9074EL	1T9075EL
	DALI	○	1T9070DA	1T9071DA	1T9072DA
		●	1T9073DA	1T9074DA	1T9075DA
MWFL 41° 15W	ON-OFF	○	1T9076EL	1T9077EL	1T9078EL
		●	1T9079EL	1T9080EL	1T9081EL
	DALI	○	1T9076DA	1T9077DA	1T9078DA
		●	1T9079DA	1T9080DA	1T9081DA

Note Related codes and accessory codes on page 23.

FORTYEIGHT Label 4 | Short arm

48Vdc | Ra90 | Fixture flux 3000K from 674lm to 881lm



Optic	Version	Colour	2700K	3000K	4000K
SP 18° 10W	ON-OFF	○	1T6657EL	1T6658EL	1T6659EL
		●	1T6660EL	1T6661EL	1T6662EL
	DALI	○	1T6657DA	1T6658DA	1T6659DA
		●	1T6660DA	1T6661DA	1T6662DA
FL 27° 9W	ON-OFF	○	1T6663EL	1T6664EL	1T6665EL
		●	1T6666EL	1T6667EL	1T6668EL
	DALI	○	1T6663DA	1T6664DA	1T6665DA
		●	1T6666DA	1T6667DA	1T6668DA
MWFL 42° 9W	ON-OFF	○	1T6669EL	1T6670EL	1T6671EL
		●	1T6672EL	1T6673EL	1T6674EL
	DALI	○	1T6669DA	1T6670DA	1T6671DA
		●	1T6672DA	1T6673DA	1T6674DA

Note Related codes and accessory codes on page 23.

FORTYEIGHT Label 4 | Long arm

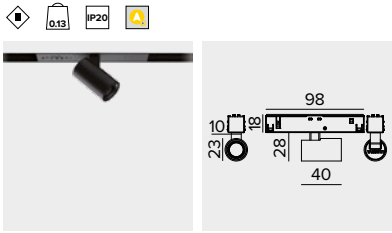
48Vdc | Ra90 | Fixture flux 3000K from 674lm to 881lm



Optic	Version	Colour	2700K	3000K	4000K
SP 18° 10W	ON-OFF	○	1T6711EL	1T6712EL	1T6713EL
		●	1T6714EL	1T6715EL	1T6716EL
	DALI	○	1T6711DA	1T6712DA	1T6713DA
		●	1T6714DA	1T6715DA	1T6716DA
FL 27° 9W	ON-OFF	○	1T6717EL	1T6718EL	1T6719EL
		●	1T6720EL	1T6721EL	1T6722EL
	DALI	○	1T6717DA	1T6718DA	1T6719DA
		●	1T6720DA	1T6721DA	1T6722DA
MWFL 42° 9W	ON-OFF	○	1T6723EL	1T6724EL	1T6725EL
		●	1T6726EL	1T6727EL	1T6728EL
	DALI	○	1T6723DA	1T6724DA	1T6725DA
		●	1T6726DA	1T6727DA	1T6728DA

Note Related codes and accessory codes on page 23.

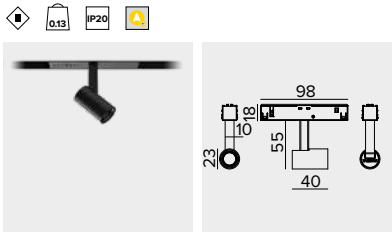
FORTYEIGHT Label 2 | Short arm
 48Vdc | Ra90 | Fixture flux 3000K from 131lm to 152lm



Optic	Version	Colour	2700K	3000K	4000K
SP 13° 4W	ON-OFF	○	1T6639EL	1T6640EL	1T6641EL
		●	1T6642EL	1T6643EL	1T6644EL
	DALI	○	1T6639DA	1T6640DA	1T6641DA
		●	1T6642DA	1T6643DA	1T6644DA
FL 31° 4W	ON-OFF	○	1T6645EL	1T6646EL	1T6647EL
		●	1T6648EL	1T6649EL	1T6650EL
	DALI	○	1T6645DA	1T6646DA	1T6647DA
		●	1T6648DA	1T6649DA	1T6650DA
MWFL 49° 4W	ON-OFF	○	1T6651EL	1T6652EL	1T6653EL
		●	1T6654EL	1T6655EL	1T6656EL
	DALI	○	1T6651DA	1T6652DA	1T6653DA
		●	1T6654DA	1T6655DA	1T6656DA

Note Related codes and accessory codes on page 23.

FORTYEIGHT Label 2 | Long arm
 48Vdc | Ra90 | Fixture flux 3000K from 131lm to 152lm

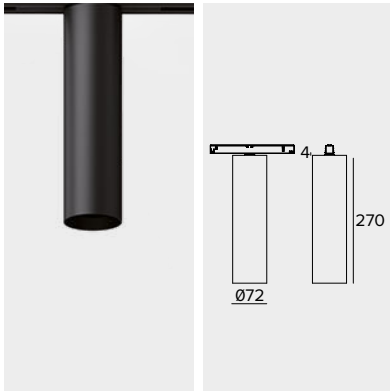


Optic	Version	Colour	2700K	3000K	4000K
SP 13° 4W	ON-OFF	○	1T6693EL	1T6694EL	1T6695EL
		●	1T6696EL	1T6697EL	1T6698EL
	DALI	○	1T6693DA	1T6694DA	1T6695DA
		●	1T6696DA	1T6697DA	1T6698DA
FL 31° 4W	ON-OFF	○	1T6699EL	1T6700EL	1T6701EL
		●	1T6702EL	1T6703EL	1T6704EL
	DALI	○	1T6699DA	1T6700DA	1T6701DA
		●	1T6702DA	1T6703DA	1T6704DA
MWFL 49° 4W	ON-OFF	○	1T6705EL	1T6706EL	1T6707EL
		●	1T6708EL	1T6709EL	1T6710EL
	DALI	○	1T6705DA	1T6706DA	1T6707DA
		●	1T6708DA	1T6709DA	1T6710DA

Note Related codes and accessory codes on page 23.

FORTYEIGHT Label 7 | Fix

48Vdc | Ra90 | Fixture flux 3000K from 965lm to 1156lm

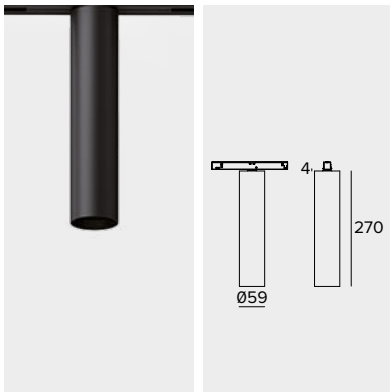


Optic	Version	Colour	2700K	3000K	4000K
SP 16° 11W	ON-OFF	○	1T9828EL	1T9829EL	1T9830EL
		●	1T9837EL	1T9838EL	1T9839EL
	DALI	○	1T9828DA	1T9829DA	1T9830DA
		●	1T9837DA	1T9838DA	1T9839DA
FL 27° 11W	ON-OFF	○	1T9831EL	1T9832EL	1T9833EL
		●	1T9840EL	1T9841EL	1T9842EL
	DALI	○	1T9831DA	1T9832DA	1T9833DA
		●	1T9840DA	1T9841DA	1T9842DA
MWFL 46° 11W	ON-OFF	○	1T9834EL	1T9835EL	1T9836EL
		●	1T9843EL	1T9844EL	1T9845EL
	DALI	○	1T9834DA	1T9835DA	1T9836DA
		●	1T9843DA	1T9844DA	1T9845DA

Note Not compatible with Fortyeight Trimless Deep track.

FORTYEIGHT Label 6 | Fix

48Vdc | Ra90 | Fixture flux 3000K from 865lm to 879lm

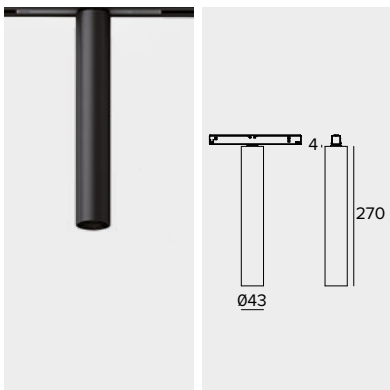
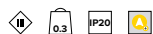


Optic	Version	Colour	2700K	3000K	4000K
SP 16° 9W	ON-OFF	○	1T9846EL	1T9847EL	1T9848EL
		●	1T9855EL	1T9856EL	1T9857EL
	DALI	○	1T9846DA	1T9847DA	1T9848DA
		●	1T9855DA	1T9856DA	1T9857DA
FL 35° 9W	ON-OFF	○	1T9849EL	1T9850EL	1T9851EL
		●	1T9858EL	1T9859EL	1T9860EL
	DALI	○	1T9849DA	1T9850DA	1T9851DA
		●	1T9858DA	1T9859DA	1T9860DA
MWFL 45° 9W	ON-OFF	○	1T9852EL	1T9853EL	1T9854EL
		●	1T9861EL	1T9862EL	1T9863EL
	DALI	○	1T9852DA	1T9853DA	1T9854DA
		●	1T9861DA	1T9862DA	1T9863DA

Note Not compatible with Fortyeight Trimless Deep track.

FORTYEIGHT Label 4 | Fix

48Vdc | Ra90 | Fixture flux 3000K from 563lm to 725lm

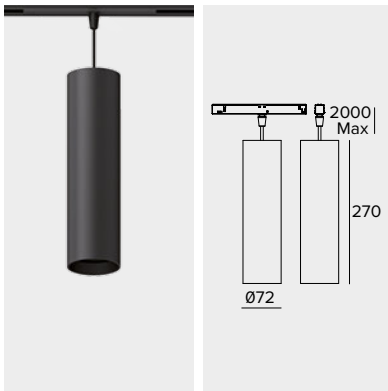


Optic	Version	Colour	2700K	3000K	4000K
SP 18° 8W	ON-OFF	○	1T9864EL	1T9865EL	1T9866EL
		●	1T9873EL	1T9874EL	1T9875EL
	DALI	○	1T9864DA	1T9865DA	1T9866DA
		●	1T9873DA	1T9874DA	1T9875DA
FL 27° 7W	ON-OFF	○	1T9867EL	1T9868EL	1T9869EL
		●	1T9876EL	1T9877EL	1T9878EL
	DALI	○	1T9867DA	1T9868DA	1T9869DA
		●	1T9876DA	1T9877DA	1T9878DA
MWFL 42° 7W	ON-OFF	○	1T9870EL	1T9871EL	1T9872EL
		●	1T9879EL	1T9880EL	1T9881EL
	DALI	○	1T9870DA	1T9871DA	1T9872DA
		●	1T9879DA	1T9880DA	1T9881DA

Note Not compatible with Fortyeight Trimless Deep track.

FORTYEIGHT Label 7 | Suspension

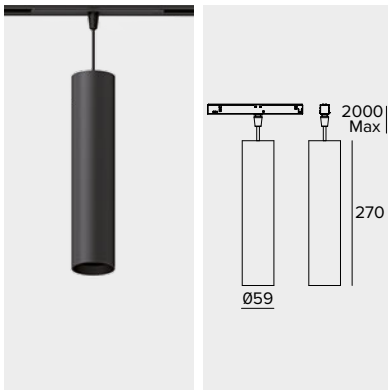
48Vdc | Ra90 | Fixture flux 3000K from 965lm to 1156lm



Optic	Version	Colour	2700K	3000K	4000K
SP 16° 11W	ON-OFF	○	1T9882EL	1T9883EL	1T9884EL
		●	1T9891EL	1T9892EL	1T9893EL
	DALI	○	1T9882DA	1T9883DA	1T9884DA
		●	1T9891DA	1T9892DA	1T9893DA
FL 27° 11W	ON-OFF	○	1T9885EL	1T9886EL	1T9887EL
		●	1T9894EL	1T9895EL	1T9896EL
	DALI	○	1T9885DA	1T9886DA	1T9887DA
		●	1T9894DA	1T9895DA	1T9896DA
MWFL 46° 11W	ON-OFF	○	1T9888EL	1T9889EL	1T9890EL
		●	1T9897EL	1T9898EL	1T9899EL
	DALI	○	1T9888DA	1T9889DA	1T9890DA
		●	1T9897DA	1T9898DA	1T9899DA

FORTYEIGHT Label 6 | Suspension

48Vdc | Ra90 | Fixture flux 3000K from 865lm to 879lm



Optic	Version	Colour	2700K	3000K	4000K
SP 16° 9W	ON-OFF	○	1T9900EL	1T9901EL	1T9902EL
		●	1T9909EL	1T9910EL	1T9911EL
	DALI	○	1T9900DA	1T9901DA	1T9902DA
		●	1T9909DA	1T9910DA	1T9911DA
FL 35° 9W	ON-OFF	○	1T9903EL	1T9904EL	1T9905EL
		●	1T9912EL	1T9913EL	1T9914EL
	DALI	○	1T9903DA	1T9904DA	1T9905DA
		●	1T9912DA	1T9913DA	1T9914DA
MWFL 45° 9W	ON-OFF	○	1T9906EL	1T9907EL	1T9908EL
		●	1T9915EL	1T9916EL	1T9917EL
	DALI	○	1T9906DA	1T9907DA	1T9908DA
		●	1T9915DA	1T9916DA	1T9917DA

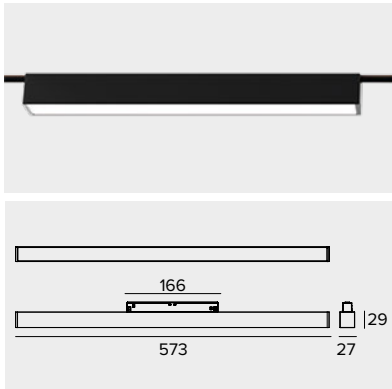
FORTYEIGHT Label 4 | Suspension

48Vdc | Ra90 | Fixture flux 3000K from 563lm to 725lm



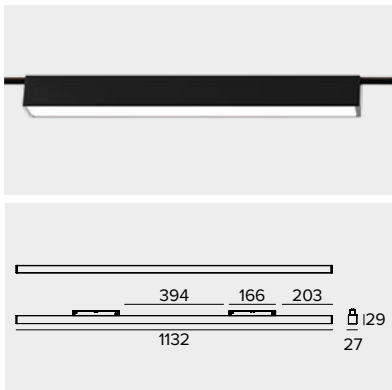
Optic	Version	Colour	2700K	3000K	4000K
SP 18° 8W	ON-OFF	○	1T9918EL	1T9919EL	1T9920EL
		●	1T9927EL	1T9928EL	1T9929EL
	DALI	○	1T9918DA	1T9919DA	1T9920DA
		●	1T9927DA	1T9928DA	1T9929DA
FL 27° 7W	ON-OFF	○	1T9921EL	1T9922EL	1T9923EL
		●	1T9930EL	1T9931EL	1T9932EL
	DALI	○	1T9921DA	1T9922DA	1T9923DA
		●	1T9930DA	1T9931DA	1T9932DA
MWFL 42° 7W	ON-OFF	○	1T9924EL	1T9925EL	1T9926EL
		●	1T9933EL	1T9934EL	1T9935EL
	DALI	○	1T9924DA	1T9925DA	1T9926DA
		●	1T9933DA	1T9934DA	1T9935DA

FORTYEIGHT Logico 30 | L. 573mm
48Vdc | Ra90 | Fixture flux 3000K 934lm



Emission	Version	Colour	3000K	4000K
OPAL 13W	ON-OFF		1T6623EL	1T6624EL
			1T6625EL	1T6626EL
	DALI		1T6623DA	1T6624DA
			1T6625DA	1T6626DA

FORTYEIGHT Logico 30 | L. 1132mm
48Vdc | Ra90 | Fixture flux 3000K 1868lm




Emission	Version	Colour	3000K	4000K
OPAL 26W	ON-OFF		1T6627EL	1T6628EL
			1T6629EL	1T6630EL
	DALI		1T6627DA	1T6628DA
			1T6629DA	1T6630DA


Related codes and accessories
FORTYEIGHT Label 7

Accessory codes

Grid

	Ø mm	Code
	63	1T8093
Anti-glare louver. Black painted metal honeycomb structure.		

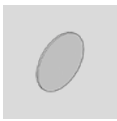
Filter

	Ø mm	Code
	63	1T8094
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.		

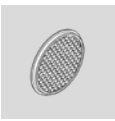
Related codes and accessories
FORTYEIGHT Label 6

Accessory codes

Filter

	Ø mm	Code
	50	1T4721
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.		

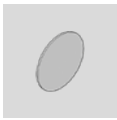
Grid

	Ø mm	Code
	50	1T4322
Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter.		

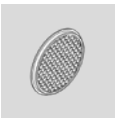
Related codes and accessories
FORTYEIGHT Label 4

Accessory codes

Filter

	Ø mm	Code
	34	1T6931
PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.		


Grid

	Ø mm	Code
	34	1T6930
Anti-glare louver. Black painted metal honeycomb structure. Complete with holographic diffusion filter.		

Related codes and accessories
FORTYEIGHT Label 2

Accessory codes

Filter

	Ø mm	Code
	17	1T6939
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.		

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.

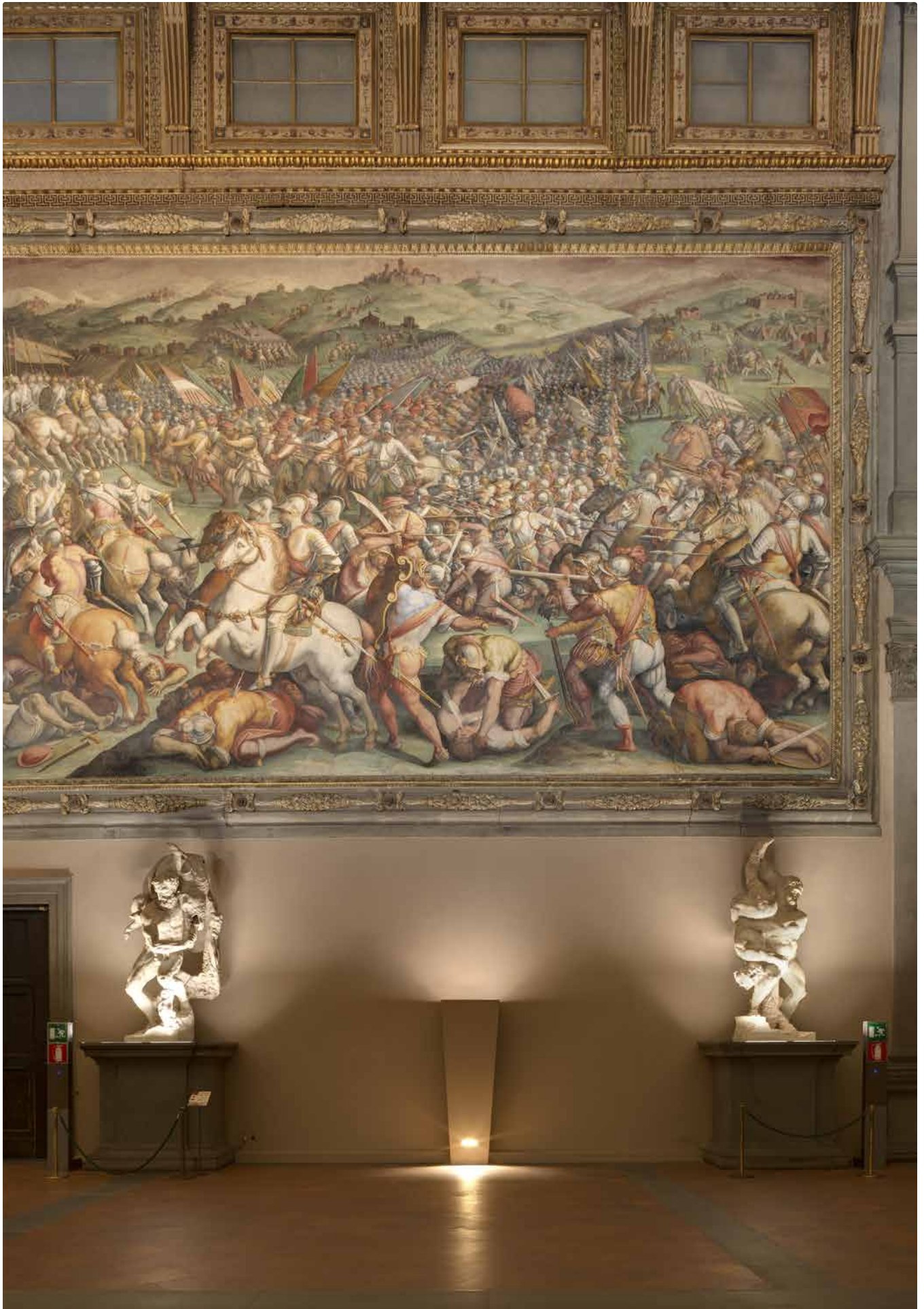
CASAMBI

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

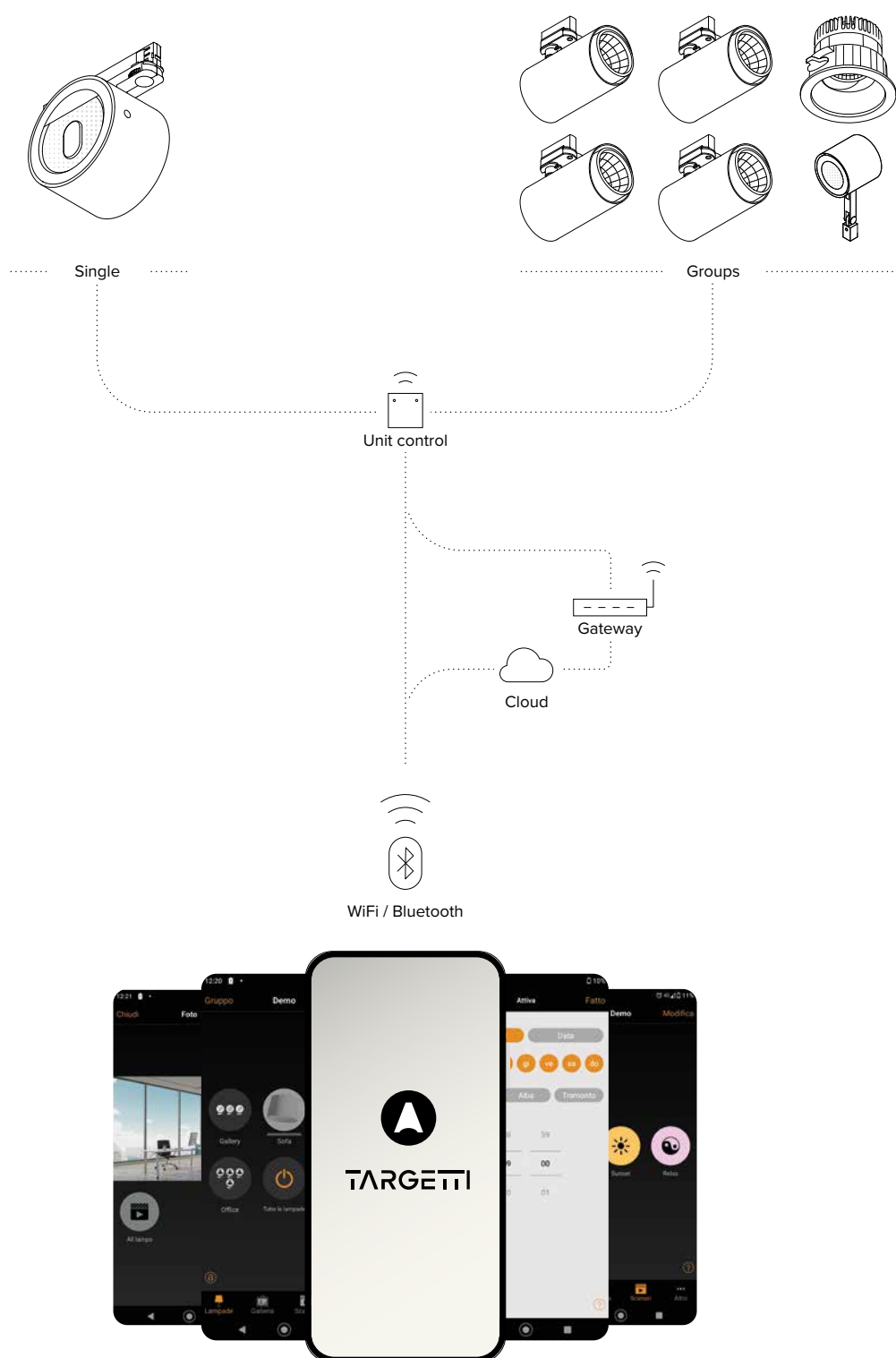
fixtures that are installed in the space automatically by using the BLE (Casambi Bluetooth Low Energy) proprietary protocol to communicate with the various fixtures. No Internet connection is necessary except for synchronisation functions or remote access.

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.

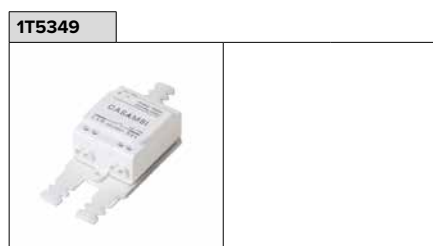
Casambi Accessories

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

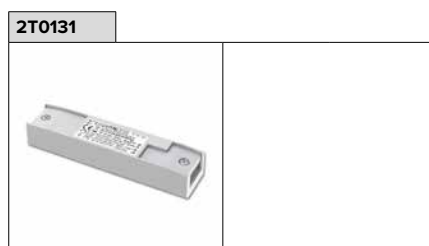


IP20 wireless control unit with DALI interface. It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network. The module is wireless controlled using a Casambi app for smartphones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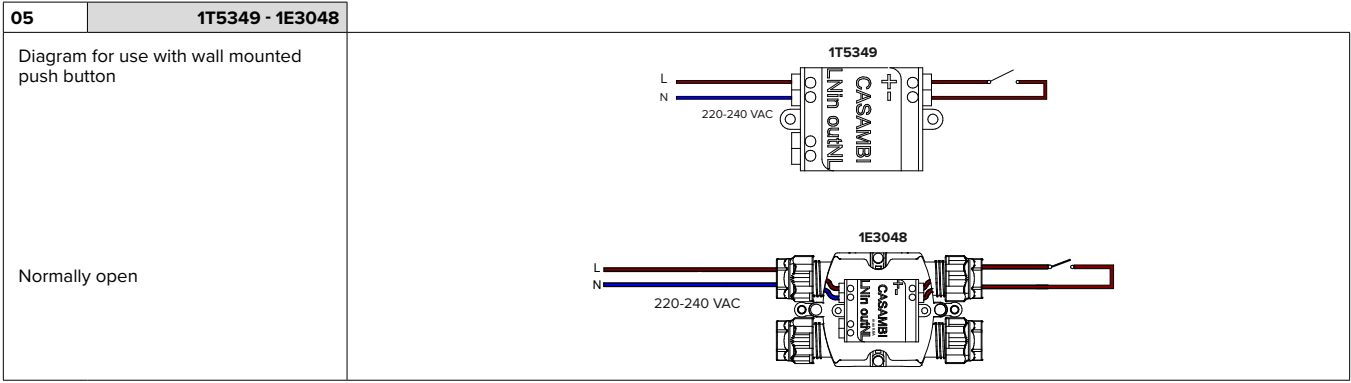
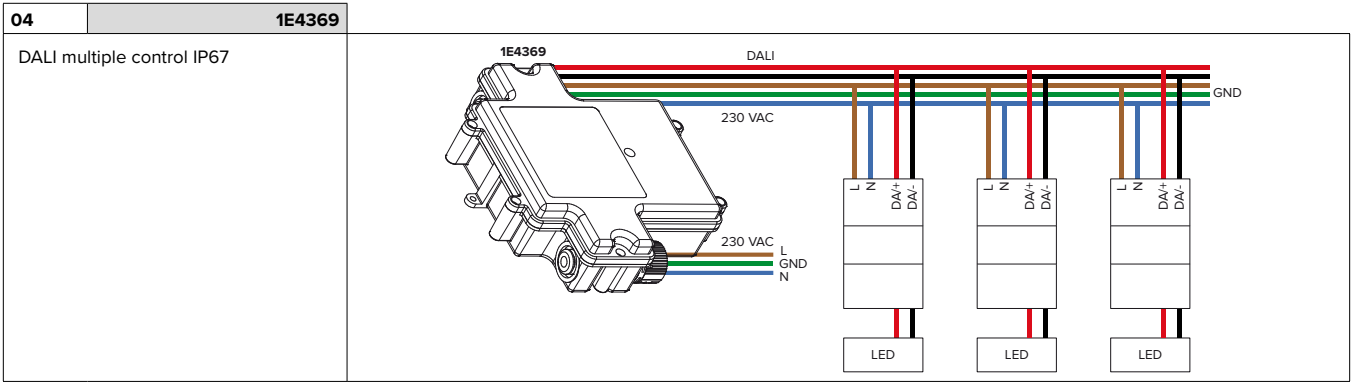
Quadro sinottico accessori Casambi

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

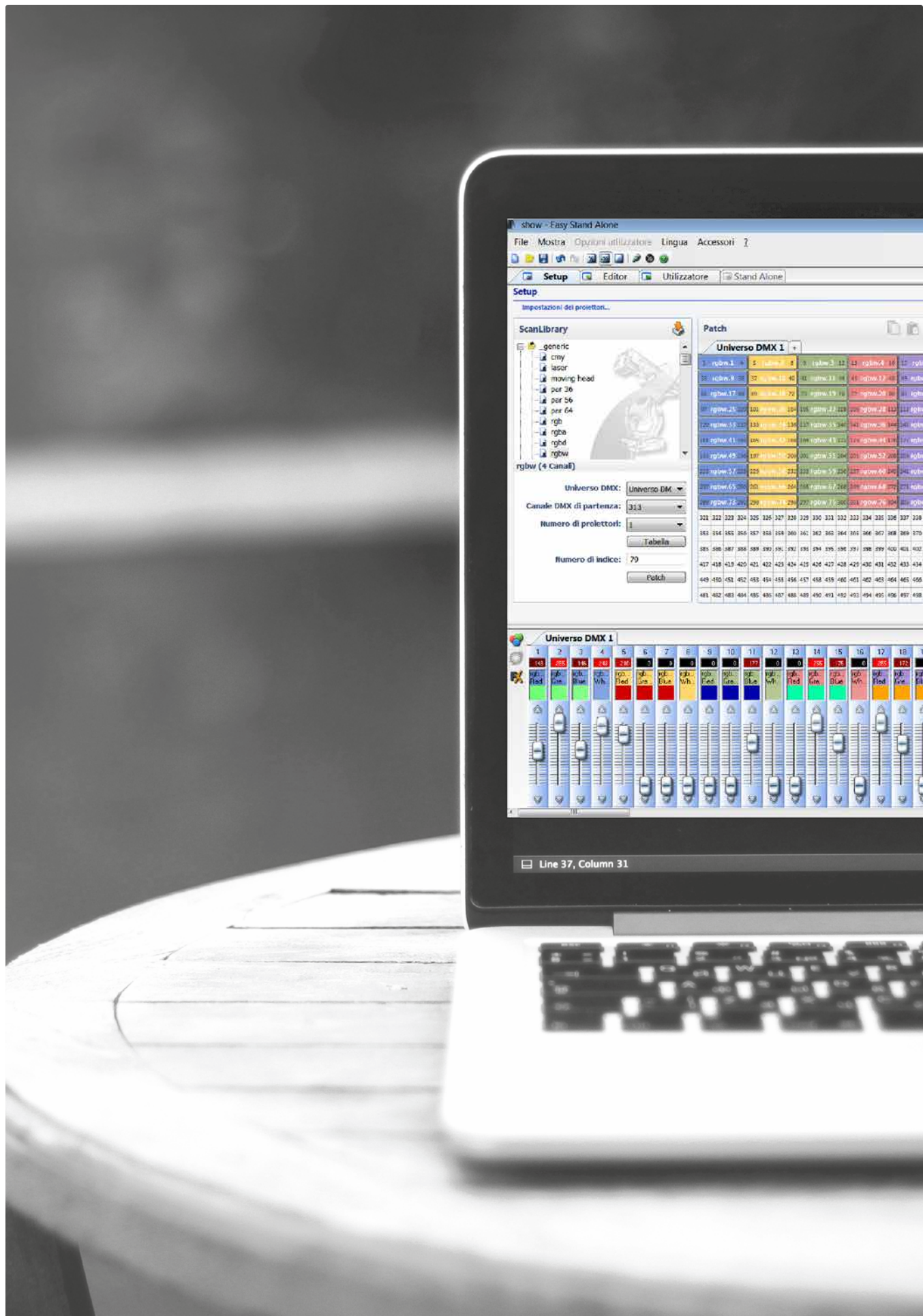
For programming and control RGBW fixtures use the DMX 512 digital protocol, the most widespread and proven standard for smart light control. This allows for complete compatibility with other fixtures on the market and makes a wide variety of accessories available at a reasonable cost.

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

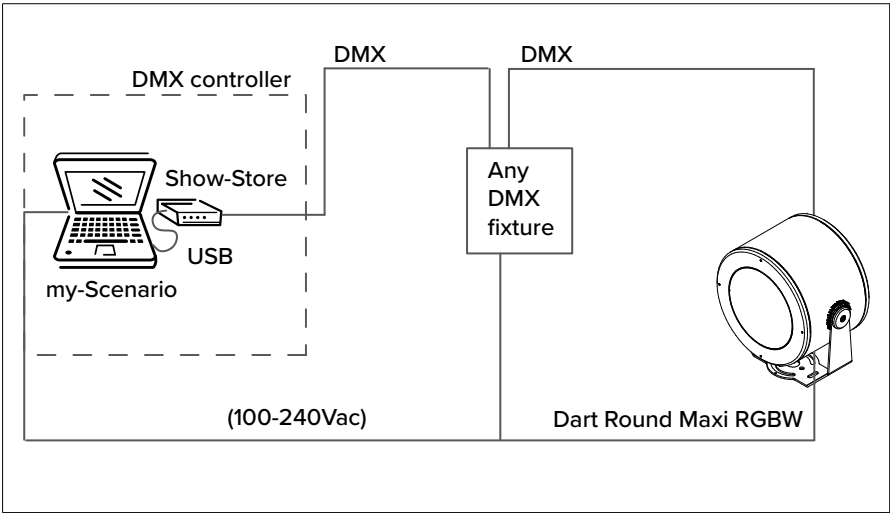
Systems of digital devices designed to control dynamic lighting fixtures and to programme dynamic light scenarios and sequences. The system consists of an intuitive software, compatible with Windows operating systems, able to control different hardware devices having the following functions:

- recording colour-changing scenarios set by the operator;
 - allowing the selection among the multiple scenarios recorded;
 - rtransmitting the control signals to the lighting system.
- The software is interfaced to the PC through a USB port; the interface with lighting fixtures is featured through a DMX 512 output.
- The software provides a graphic simulation of the operating keys of lighting controller; the patching function allows to assign the DMX control channels to the fixtures by using the internal library.
- The Colour Manager function allows a quick and intuitive programming of a RGB light show, consisting of several steps with assigned duration and fading times. The programmed light shows can be transferred to the different control interfaces.

MYSCENARIO SHOW STORE

1T1898

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

TYPIAL WIRING LAYOUT


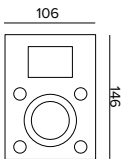


mySCENARIO Wall

DMX controller with a glass touch sensitive screen for architectural applications.

- It can control two different DMX universes (2x 512 channels).
- Stand alone function or connected to a computer using a USB port.
- Software for creating scenarios (that can be downloaded from the Targetti website) is included.
- It can manage 10 different lighting zones and 50 scenarios per zone.
- The touch keys on the front make it possible to modify and recall programmed scenarios.
- USB cable included.
- To be used with all RGBW products.

MYSCENARIO WALL

1T6499	
	
Power supply	6 Vdc
Output	4W
Memory	SD card
DMX Channels	2 x 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.



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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Targetti offers a five years warranty on the products that use LED light sources included in the Catalogues (unless otherwise specified).

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

Icons legend

	Class I luminaire in which the protection against electrical shock is guaranteed by the connections of the conductive elements accessible to a protective conductor (earth connection).
	Luminaire in which the connection to a protective conductor (earth connection) guarantees the immunity to radio noises.
	Class II luminaire (double insulation), protected against the accidental contact with parts under tension from the user.
	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".

