

Systems

# FORTYEIGHT



TARGETTI

# FORTYEIGHT

## GENERAL INFO

### Track

A modular system with variable lengths to be equipped with projectors and linear light fixtures. The geometry of the track varies on the type of installation (suspension, ceiling or recessed).

### Label

Projectors for track installation available in a double version with a short and long bracket depending on the type of installation selected. Ø23mm – Ø40mm – Ø59mm – Ø74mm

### Logico 30

Low voltage linear LED fixture for track installation. Lengths: 294mm – 573mm – 1132mm – 1970mm L Module: 310x310

### LED

Label 4, Label 6, Label 7: chip on board Ra90  
Label 2: LED emitter Ra90  
From 171lm to 2799lm  
2700K – 3000K – 4000K  
Logico 30: Linear boards Ra90  
From 750lm to 5600lm  
3000K – 4000K

## PRODUCT EFFICACY

Label: up to 107lm/W  
Logico 30: up to 77 lm/W

## OPTICS

Label: SP – FL – MWFL  
Logico 30: Opal

## POWER SUPPLY


Electronic – DALI  
Casambi control system as an accessory (only for DALI versions).


## MATERIAL


Label: Painted extruded aluminium body.  
Logico 30: Painted extruded aluminium body

## ON DEMAND

 Easy Custom Colour

 110-277Vac power supply (Label 7)

 3500K

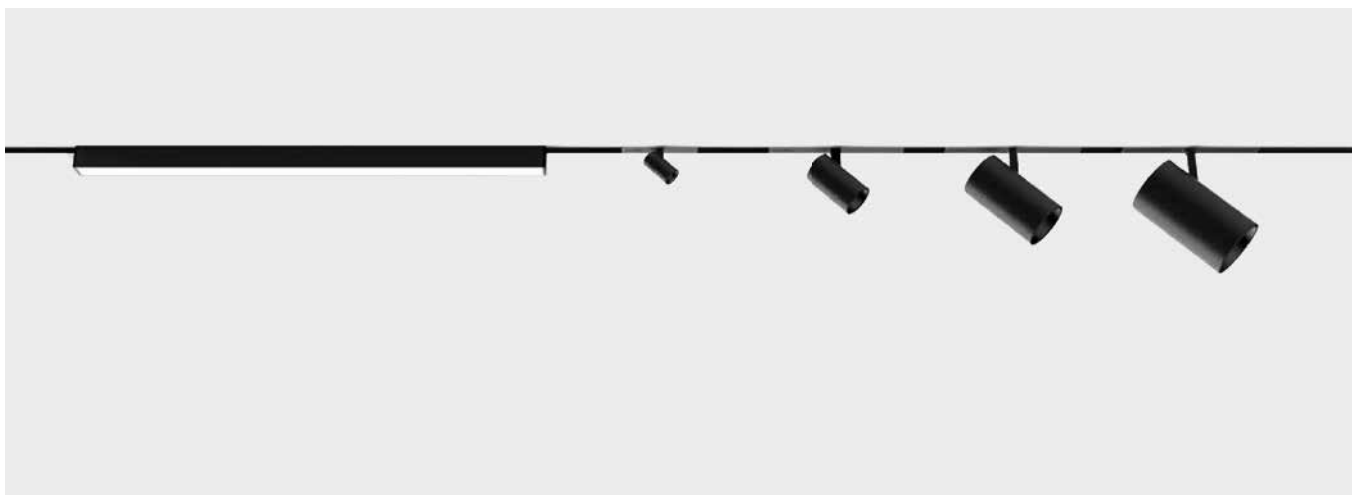
 2700K (Logico 30)

A 48V system that can be recessed or deep recessed both with a trimless finish, ceiling or wall and suspension mounted. It can be fitted at any point with linear lighting fixtures due to its simple mechanical fixing system.

The depth of the track is extremely compact: 29mm or 53mm. The new track with a H” section - has a depth of around 29mm.

The deep recessed version - trimless deep - must be equipped with Label projectors with long brackets.

		Label 2	Label 4	Label 6	Label 7	Logico 30
		Ø 23mm	Ø 40mm	Ø 59mm	Ø 74mm	
LED	Flux (lm)	171-195	912-1147	1404-1821	2490-2799	750-5600
	Power	2,6W	8W	14W-15W	21W	6W-42W
<b>OPTICS</b>						
SP	Lens	•		•	•	
	Reflector		•	•	•	
FL	Lens	•		•	•	
	Reflector		•	•	•	
MWFL	Lens	•		•	•	
	Reflector		•	•	•	
OPAL	Reflector + screen					•



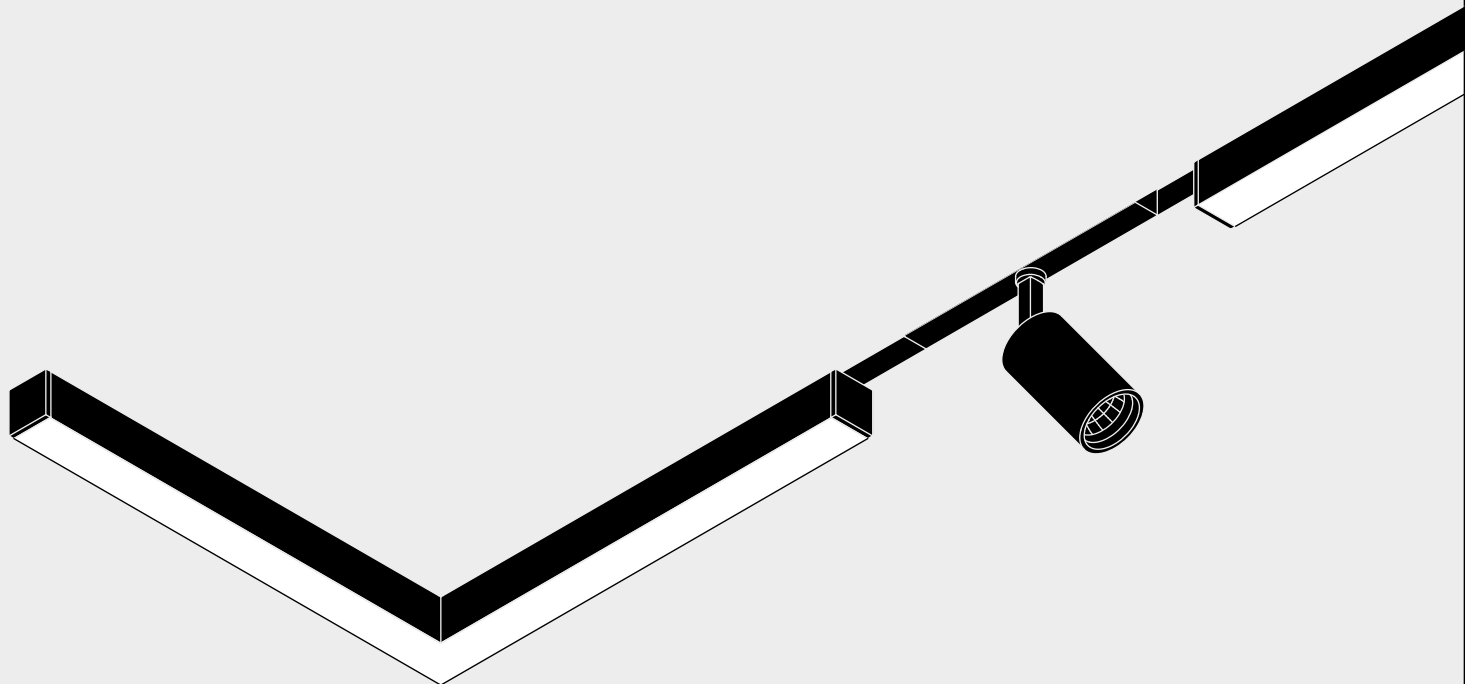
Indoor

**Bally**  
Milan, Italy

Lighting design Ing. Angelo Iorio,  
U&Me Consulting

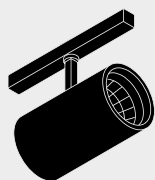


**Systems**



## Light units

### Label



**Label 7 – Ø74mm**

- short arm  
- long arm



**Label 6 – Ø59mm**

- short arm  
- long arm



**Label 4 – Ø40mm**

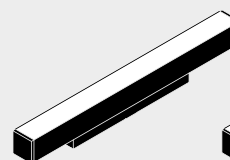
- short arm  
- long arm



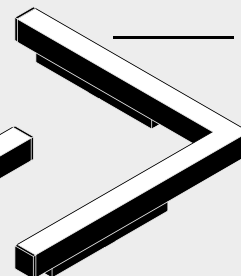
**Label 2 – Ø23mm**

- short arm  
- long arm

### Logico 30



L=294mm/573mm/  
1132mm/1970mm



310x310mm

## Electrical elements

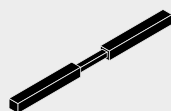
### Electrical connectors



**Through  
joint**



**L shaped  
connector**



**Flexible  
connector**

### Power supply



**Remote  
driver**

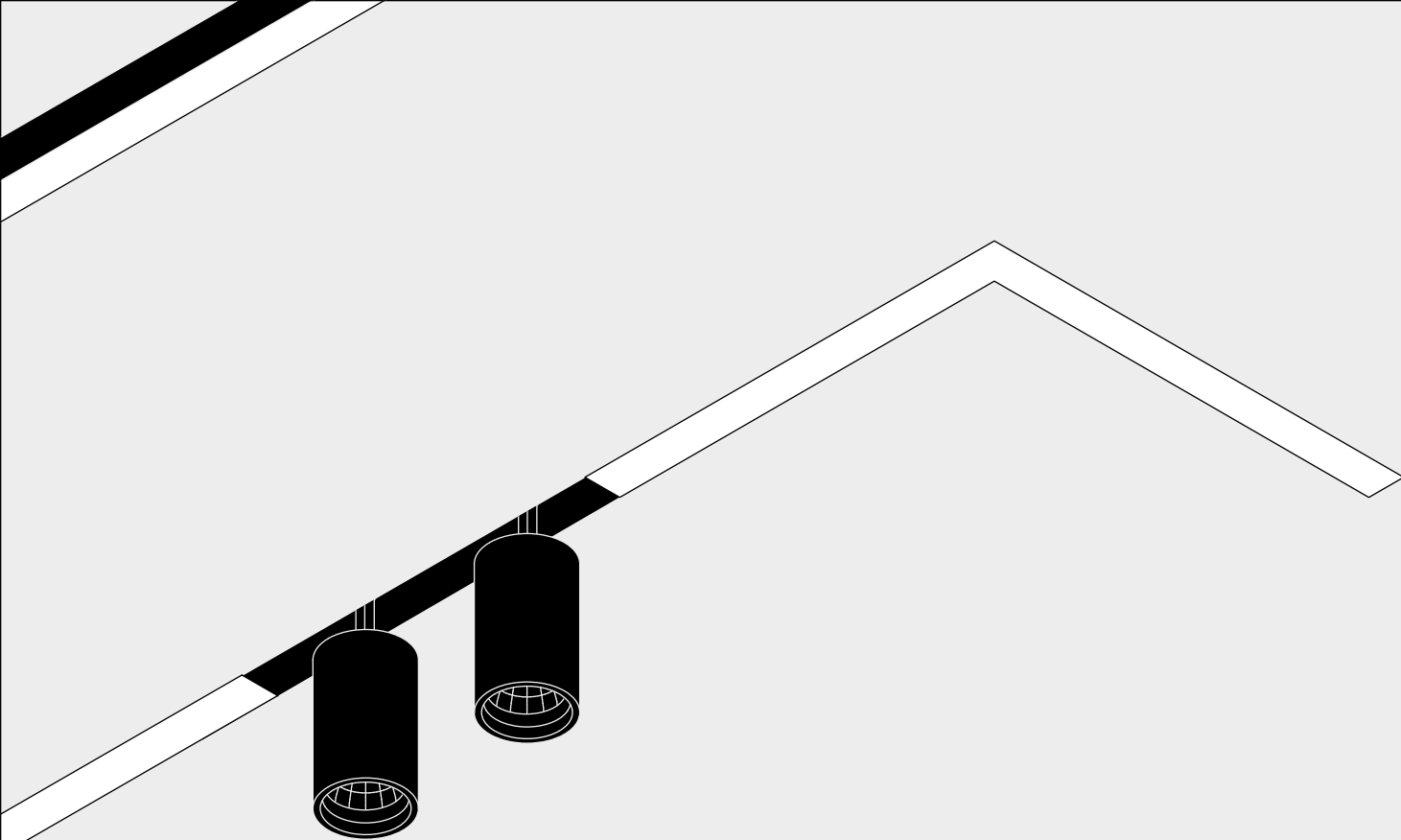


**Power  
head**

60W • 130W • 210W

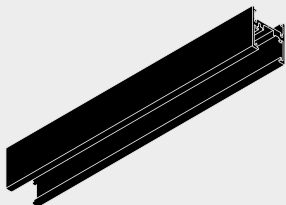
Indoor





## Track

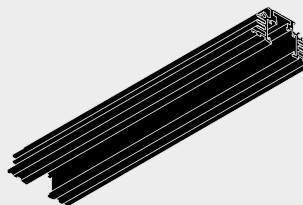
### H section\*



L=1/2/3m

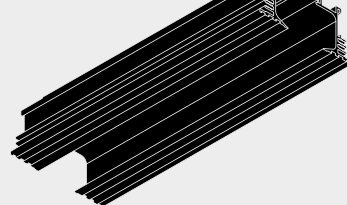
\* To be completed with special end caps

### Trimless\*



L=1/2/3m

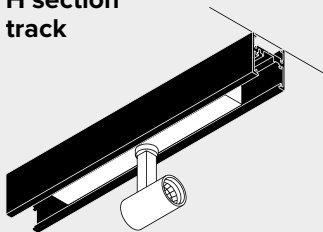
### Trimless deep\*



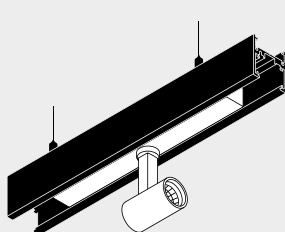
L=1/2/3m

## Installation solutions

### H section track

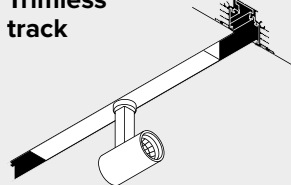


Ceiling



Suspension

### Trimless track



Recessed

### Trimless deep track



Recessed



# Plus



**There are two recessed versions both with a trimless finish:**

- Simple recessed with a flush system and protruding fixtures
- Deep recessed completely hidden in the ceiling with linear light elements. For this version the projectors have a longer bracket to allow for maximum extraction and adjustability.

### **Wall mounted installation**

For effective easy lighting for example in retail spaces such as shop windows.



Indoor



## Logico 30

### Linear modules complete with opaline screens

For a soft and diffused lighting effect equipped with LED 3000K and 4000K sources with Ra90.

### The system can be configured in various ways

Thanks to the use of linear joints and the new corner joints that make it possible to create closed and open loops. Available a new corner light module for lines of seamless light.





Optic system with lens



Optic system with reflector

## Label 48V

### 48V projectors available in four sizes

Carefully studied for professional applications in the museum, retail, interior and hotel sectors 48V Label projectors have a simple, essential shape and an extremely compact size. Available in four different sizes all versions have a remote power supply to reduce visual impact to the minimum. Label 2 (Ø23mm), Label 4 (Ø40mm) Label 6 (Ø59mm) and the new Label 7 Ø74mm) are equipped with Ra90 with 2700K, 3000K and 4000K colour temperatures.

### Double optical systems

Label 6 and the new Label 7 can be equipped with two different optical systems: with a reflector for soft effects with low visual contrast or with lenses for more defined beams.

Label 2  
Ø23mm

Label 4  
Ø40mm

Label 6  
Ø59mm

Label 7  
Ø74mm



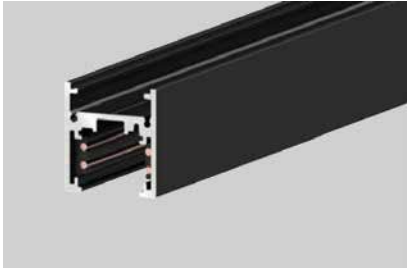




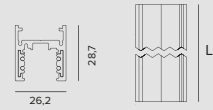
## Label 2

The miniature projector in the Label range has a diameter of just 23mm and provides professional performance with an absorption of 4W. Available with three different optical systems equipped with lenses for the SP - FL - MWFL versions with both long and short arms.

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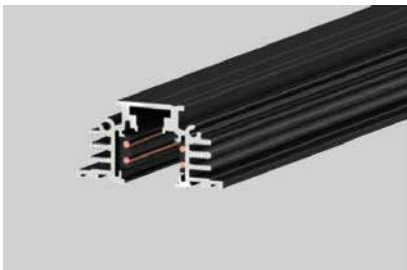


**Track H-shaped section ceiling/suspension**

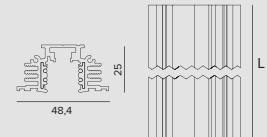


## H-SHAPED SECTION

Kg	L	Colour	
0.7	1000	○	9500-1/W2-ST6-E
1.4	2000	○	9500-2/W2-ST6-E
2.1	3000	○	9500-3/W2-ST6-E
0.7	1000	●	9500-1/B-ST6-E
1.4	2000	●	9500-2/B-ST6-E
2.1	3000	●	9500-3/B-ST6-E

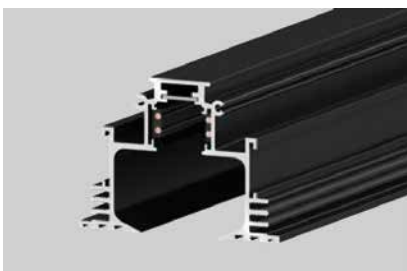


**Track trimless recessed**

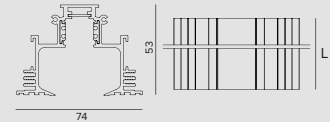


## TRIMLESS

Kg	L	Colour	
1.1	1000	○	9500-1/W2-ST3-E
2.2	2000	○	9500-2/W2-ST3-E
3.4	3000	○	9500-3/W2-ST3-E
1.1	1000	●	9500-1/B-ST3-E
2.2	2000	●	9500-2/B-ST3-E
3.4	3000	●	9500-3/B-ST3-E



**Track trimless deep recessed**



## TRIMLESS DEEP

Kg	L	Colour	
1.6	1000	○	9500-1/W2-TA1
3.2	2000	○	9500-2/W2-TA1
4.8	3000	○	9500-3/W2-TA1
1.6	1000	●	9500-1/B-TA1
3.2	2000	●	9500-2/B-TA1
4.8	3000	●	9500-3/B-TA1

Indoor

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## Related codes

### End Caps



Colour	Code
	9504/ST3-W2
	9504/ST3-B

End cap for Trimless track.  
1X



Colour	Code
	1T7171
	1T6801

End cap for Trimless Deep track.  
2X



Colour	Code
	9504/ST6-W2
	9504/ST6-B

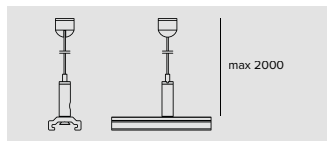
End cap for H section track.  
1X



Colour	Code
	9504/ST6-W2-F
	9504/ST6-B-F

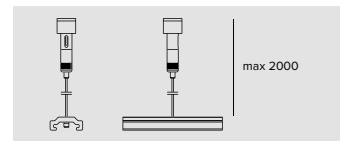
End cap for H section track with a cable feed through hole.  
1X

### Mounting System



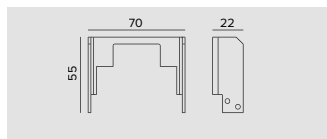
Colour	Code
	1T9581

Suspension installation kit with ABS adjustment on the fixture for H section track.



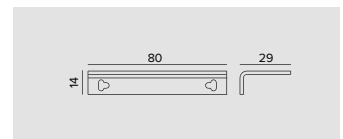
Colour	Code
	1T9582

Suspension kit with ceiling adjustment for H section track.



Code
1T9583

Kit composed of 4 lateral brackets and 2 stiffening brackets for the Trimless Deep track version.



Code
1T9584

Kit composed of 4 lateral brackets for the Trimless track version.

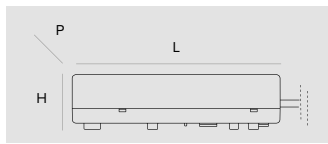


Colour	Code
	S-9500/114-W2
	S-9500/114-B

Clip for fixing to the ceiling.  
For H section track.

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## Power Supply



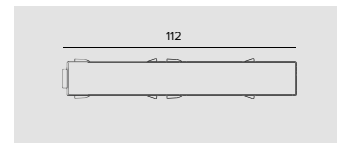
Dimensions LxHxP	W	IP	Code
225x36x60	60W	IP20	<b>1T6917EL</b>
240x49x60	130W	IP20	<b>1T6916EL</b>
251x37x90	210W	IP67	<b>1T7403EL</b>

48Vdc electronic driver.

**1T6917EL** - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 20m - cable 1.5mm<sup>2</sup>.

**1T6916EL** - Single power supply for Electronic, DALI and Casambi systems. Maximum distance 10m - cable 1.5mm<sup>2</sup>.

**1T7403EL** - Universal power supply (110-277V) for Electronic, DALI and Casambi systems. Maximum distance 5m - cable 1.5mm<sup>2</sup>.



Colour	Code
○	<b>9501-S/W-E</b>
●	<b>9501-S/B-E</b>

Power head unpolarised.

## Note

The drivers selected by Targetti make the fixtures "Safe Flicker".

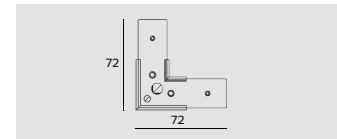
## Accessories

### Mechanical connector



Colour	Code
○	<b>S-9500/314-W2</b>
●	<b>S-9500/314-B</b>

Supporting bracket for direct connection for trimless and trimless deep applications.



Colour	Code
○	<b>S-9511/W2-ST6</b>
●	<b>S-9511/B-ST6</b>

Cover for L connector for H section track.

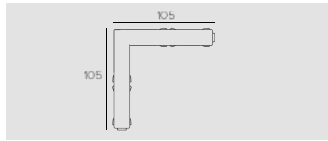


Colour	Code
○	<b>S-9500/323-SV</b>

Aluminum bracket for continuous row joints for H section track.

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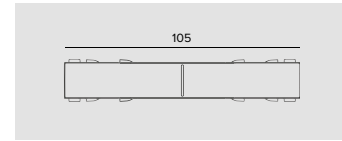
## Electrical Connector



Colour      Code

<input type="radio"/>	<b>9511/W-E</b>
<input checked="" type="radio"/>	<b>9511/B-E</b>

Unpolarised L joint for trimless and trimless deep versions and a H section.  
For recessed installation the tracks must first be cut to 45°.

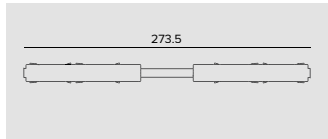


Colour      Code

<input type="radio"/>	<b>9503-S/W-E</b>
<input checked="" type="radio"/>	<b>9503-S/B-E</b>

Unpolarised through joint.

## Electrical Connector



Colour      Code

<input type="radio"/>	<b>9518-S/W-E</b>
<input checked="" type="radio"/>	<b>9518-S/B-E</b>

Non polarised flexible connector.

## Tool



Code

**S-9000/T**

Tool for shearing conductors, to be used if necessary to cut the track during installation.

## Control systems



Code

**1T5352**

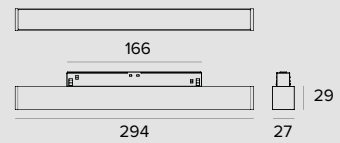
IP20 Extender for wireless control of DALI fixtures.  
It generates a local DALI bus with the capacity to drive up to 64 fixtures.  
Can control DALI fixtures in indoor applications via the Casambi application.  
It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A.  
LxHxP=129x30x42mm.



# FORTYEIGHT



**Logico 30**  
**L. 294mm**



## LED / 6W / OPAL

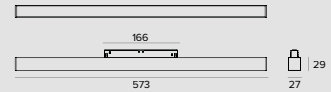


3000K		H(m)	D(m)	E <sub>max</sub> (lx)
Ra90			107*	
Fixture Power	7W	1	2.70	177
Source Flux	750lm	2	5.41	44
Fixture Flux	467lm	3	8.11	20
Efficacy	67lm/W	4	10.81	11
TS1075	I <sub>max</sub> =237cd/klm	I <sub>max</sub>	177cd	5
			13.52	7

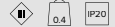
Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	<b>1T6619EL</b>	<b>1T6620EL</b>
48Vdc	EL.	●	<b>1T6621EL</b>	<b>1T6622EL</b>
48Vdc	DALI	○	<b>1T6619DA</b>	<b>1T6620DA</b>
48Vdc	DALI	●	<b>1T6621DA</b>	<b>1T6622DA</b>



**Logico 30**  
**L. 573mm**



## LED / 12W / OPAL

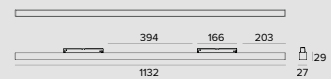


3000K		H(m)	D(m)	E <sub>max</sub> (lx)
Ra90			107*	
Fixture Power	13W	1	2.70	355
Source Flux	1500lm	2	5.41	89
Fixture Flux	934lm	3	8.11	39
Efficacy	72lm/W	4	10.81	22
TS1075	I <sub>max</sub> =237cd/klm	I <sub>max</sub>	355cd	5
			13.52	14

Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	<b>1T6623EL</b>	<b>1T6624EL</b>
48Vdc	EL.	●	<b>1T6625EL</b>	<b>1T6626EL</b>
48Vdc	DALI	○	<b>1T6623DA</b>	<b>1T6624DA</b>
48Vdc	DALI	●	<b>1T6625DA</b>	<b>1T6626DA</b>



**Logico 30**  
**L. 1132mm**



## LED / 24W / OPAL



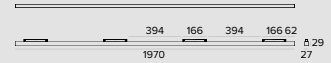
3000K		H(m)	D(m)	E <sub>max</sub> (lx)
Ra90			107*	
Fixture Power	26W	1	2.70	710
Source Flux	3000lm	2	5.41	177
Fixture Flux	1868lm	3	8.11	79
Efficacy	72lm/W	4	10.81	44
TS1075	I <sub>max</sub> =237cd/klm	I <sub>max</sub>	710cd	5
			13.52	28

Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	<b>1T6627EL</b>	<b>1T6628EL</b>
48Vdc	EL.	●	<b>1T6629EL</b>	<b>1T6630EL</b>
48Vdc	DALI	○	<b>1T6627DA</b>	<b>1T6628DA</b>
48Vdc	DALI	●	<b>1T6629DA</b>	<b>1T6630DA</b>

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## Logico 30 L. 1970mm



### LED / 42W / OPAL

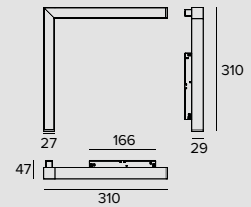


	3000K	H(m)	D(m)	Emax(lx)		
	Ra90		107°			
	Fixture Power	46W	1	2.70	1242	
	Source Flux	5250lm	2	5.41	311	
	Fixture Flux	3269lm	3	8.11	138	
	Efficacy	71lm/W	4	10.81	78	
TS1075	Imax=237cd/klm	Imax	1242cd	5	13.52	50

Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	<b>1T6631EL</b>	<b>1T6632EL</b>
48Vdc	EL.	●	<b>1T6633EL</b>	<b>1T6634EL</b>
48Vdc	DALI	○	<b>1T6631DA</b>	<b>1T6632DA</b>
48Vdc	DALI	●	<b>1T6633DA</b>	<b>1T6634DA</b>



## Logico 30 L light module



### LED / 12W / OPAL



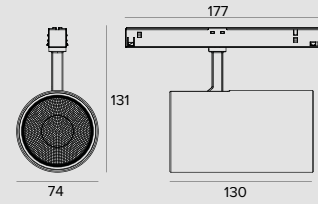
	3000K	H(m)	D(m)	Emax(lx)		
	Ra90		107°			
	Fixture Power	13W	1	2.70	355	
	Source Flux	1500lm	2	5.41	89	
	Fixture Flux	934lm	3	8.11	39	
	Efficacy	72lm/W	4	10.81	22	
TS1075	Imax=237cd/klm	Imax	355cd	5	13.52	14

Power supply	Version	Colour	3000K	4000K
48Vdc	EL.	○	<b>1T6635EL</b>	<b>1T6636EL</b>
48Vdc	EL.	●	<b>1T6637EL</b>	<b>1T6638EL</b>
48Vdc	DALI	○	<b>1T6635DA</b>	<b>1T6636DA</b>
48Vdc	DALI	●	<b>1T6637DA</b>	<b>1T6638DA</b>

# FORTYEIGHT



## Label 7 Short arm



### LED / 21W / REFLECTOR / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		21°		
Fixture Power	23W	1	0.37	10611		
Source Flux	2756lm	2	0.75	2653		
Fixture Flux	1962lm	3	1.12	1179		
Efficacy	85lm/W	4	1.50	663		
TS1240	I <sub>max</sub> =3850cd/klm	I <sub>max</sub>	10611cd	5	1.87	424

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8049EL</b>	<b>1T8050EL</b>	<b>1T8051EL</b>
48Vdc	EL.	●	<b>1T8052EL</b>	<b>1T8053EL</b>	<b>1T8054EL</b>
48Vdc	DALI	○	<b>1T8049DA</b>	<b>1T8050DA</b>	<b>1T8051DA</b>
48Vdc	DALI	●	<b>1T8052DA</b>	<b>1T8053DA</b>	<b>1T8054DA</b>

### LED / 21W / REFLECTOR / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		33°		
Fixture Power	23W	1	0.59	5989		
Source Flux	2756lm	2	1.18	1497		
Fixture Flux	2031lm	3	1.77	665		
Efficacy	88lm/W	4	2.36	374		
TS1241	I <sub>max</sub> =2173cd/klm	I <sub>max</sub>	5989cd	5	2.95	240

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8055EL</b>	<b>1T8056EL</b>	<b>1T8057EL</b>
48Vdc	EL.	●	<b>1T8058EL</b>	<b>1T8059EL</b>	<b>1T8060EL</b>
48Vdc	DALI	○	<b>1T8055DA</b>	<b>1T8056DA</b>	<b>1T8057DA</b>
48Vdc	DALI	●	<b>1T8058DA</b>	<b>1T8059DA</b>	<b>1T8060DA</b>

### LED / 21W / REFLECTOR / MWFL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		46°		
Fixture Power	23W	1	0.85	3831		
Source Flux	2756lm	2	1.69	958		
Fixture Flux	2076lm	3	2.54	426		
Efficacy	90lm/W	4	3.39	239		
TS1242	I <sub>max</sub> =1390cd/klm	I <sub>max</sub>	3832cd	5	4.23	153

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8061EL</b>	<b>1T8062EL</b>	<b>1T8063EL</b>
48Vdc	EL.	●	<b>1T8064EL</b>	<b>1T8065EL</b>	<b>1T8066EL</b>
48Vdc	DALI	○	<b>1T8061DA</b>	<b>1T8062DA</b>	<b>1T8063DA</b>
48Vdc	DALI	●	<b>1T8064DA</b>	<b>1T8065DA</b>	<b>1T8066DA</b>

### LED / 21W / LENS / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		17°		
Fixture Power	23W	1	0.30	19631		
Source Flux	2591lm	2	0.60	4908		
Fixture Flux	2161lm	3	0.90	2181		
Efficacy	94lm/W	4	1.19	1227		
TS1260	I <sub>max</sub> =7577cd/klm	I <sub>max</sub>	19631cd	5	1.49	785

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8067EL</b>	<b>1T8068EL</b>	<b>1T8069EL</b>
48Vdc	EL.	●	<b>1T8070EL</b>	<b>1T8071EL</b>	<b>1T8072EL</b>
48Vdc	DALI	○	<b>1T8067DA</b>	<b>1T8068DA</b>	<b>1T8069DA</b>
48Vdc	DALI	●	<b>1T8070DA</b>	<b>1T8071DA</b>	<b>1T8072DA</b>

### LED / 21W / LENS / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		26°		
Fixture Power	23W	1	0.47	8565		
Source Flux	2591lm	2	0.94	2141		
Fixture Flux	2112lm	3	1.41	952		
Efficacy	92lm/W	4	1.88	535		
TS1261	I <sub>max</sub> =3306cd/klm	I <sub>max</sub>	8565cd	5	2.35	343

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8073EL</b>	<b>1T8074EL</b>	<b>1T8075EL</b>
48Vdc	EL.	●	<b>1T8076EL</b>	<b>1T8077EL</b>	<b>1T8078EL</b>
48Vdc	DALI	○	<b>1T8073DA</b>	<b>1T8074DA</b>	<b>1T8075DA</b>
48Vdc	DALI	●	<b>1T8076DA</b>	<b>1T8077DA</b>	<b>1T8078DA</b>

# FORTYEIGHT

## LED / 21W / LENS / MWFL

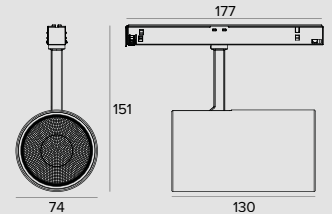


		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90				41°	
Fixture Power	23W	1	0.75	4115	
Source Flux	2591lm	2	1.49	1029	
Fixture Flux	2016lm	3	2.24	457	
Efficacy	88lm/W	4	2.99	257	
TS1262	I <sub>max</sub> =1623cd/klm	I <sub>max</sub>	4204cd	5	3.73
					165

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8079EL</b>	<b>1T8080EL</b>	<b>1T8081EL</b>
48Vdc	EL.	●	<b>1T8082EL</b>	<b>1T8083EL</b>	<b>1T8084EL</b>
48Vdc	DALI	○	<b>1T8079DA</b>	<b>1T8080DA</b>	<b>1T8081DA</b>
48Vdc	DALI	●	<b>1T8082DA</b>	<b>1T8083DA</b>	<b>1T8084DA</b>



**Label 7  
Long arm**



## LED / 21W / REFLECTOR / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90				21°	
Fixture Power	23W	1	0.37	10611	
Source Flux	2756lm	2	0.75	2653	
Fixture Flux	1962lm	3	1.12	1179	
Efficacy	85lm/W	4	1.50	663	
TS1240	I <sub>max</sub> =3850cd/klm	I <sub>max</sub>	10611cd	5	1.87
					424

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8100EL</b>	<b>1T8101EL</b>	<b>1T8102EL</b>
48Vdc	EL.	●	<b>1T8103EL</b>	<b>1T8104EL</b>	<b>1T8105EL</b>
48Vdc	DALI	○	<b>1T8100DA</b>	<b>1T8101DA</b>	<b>1T8102DA</b>
48Vdc	DALI	●	<b>1T8103DA</b>	<b>1T8104DA</b>	<b>1T8105DA</b>

## LED / 21W / REFLECTOR / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90				33°	
Fixture Power	23W	1	0.59	5989	
Source Flux	2756lm	2	1.18	1497	
Fixture Flux	2031lm	3	1.77	665	
Efficacy	88lm/W	4	2.36	374	
TS1241	I <sub>max</sub> =2173cd/klm	I <sub>max</sub>	5989cd	5	2.95
					240

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8106EL</b>	<b>1T8107EL</b>	<b>1T8108EL</b>
48Vdc	EL.	●	<b>1T8109EL</b>	<b>1T8110EL</b>	<b>1T8111EL</b>
48Vdc	DALI	○	<b>1T8106DA</b>	<b>1T8107DA</b>	<b>1T8108DA</b>
48Vdc	DALI	●	<b>1T8109DA</b>	<b>1T8110DA</b>	<b>1T8111DA</b>

## LED / 21W / REFLECTOR / MWFL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra97				46°	
Fixture Power	23W	1	0.85	3831	
Source Flux	2756lm	2	1.69	958	
Fixture Flux	2076lm	3	2.54	426	
Efficacy	90lm/W	4	3.39	239	
TS1242	I <sub>max</sub> =1390cd/klm	I <sub>max</sub>	3832cd	5	4.23
					153

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8112EL</b>	<b>1T8113EL</b>	<b>1T8114EL</b>
48Vdc	EL.	●	<b>1T8115EL</b>	<b>1T8116EL</b>	<b>1T8117EL</b>
48Vdc	DALI	○	<b>1T8112DA</b>	<b>1T8113DA</b>	<b>1T8114DA</b>
48Vdc	DALI	●	<b>1T8115DA</b>	<b>1T8116DA</b>	<b>1T8117DA</b>

## LED / 21W / LENS / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90				17°	
Fixture Power	23W	1	0.30	19631	
Source Flux	2591lm	2	0.60	4908	
Fixture Flux	2161lm	3	0.90	2181	
Efficacy	94lm/W	4	1.19	1227	
TS1260	I <sub>max</sub> =7577cd/klm	I <sub>max</sub>	19631cd	5	1.49
					785

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8118EL</b>	<b>1T8119EL</b>	<b>1T8120EL</b>
48Vdc	EL.	●	<b>1T8121EL</b>	<b>1T8122EL</b>	<b>1T8123EL</b>
48Vdc	DALI	○	<b>1T8118DA</b>	<b>1T8119DA</b>	<b>1T8120DA</b>
48Vdc	DALI	●	<b>1T8121DA</b>	<b>1T8122DA</b>	<b>1T8123DA</b>

# FORTYEIGHT

## LED / 21W / LENS / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90				26*	
Fixture Power	23W	1	0.47	8565	
Source Flux	2591lm	2	0.94	2141	
Fixture Flux	2112lm	3	1.41	952	
Efficacy	92lm/W	4	1.88	535	
TS1261	I <sub>max</sub> =3306cd/klm	5	2.35	343	

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8124EL</b>	<b>1T8125EL</b>	<b>1T8126EL</b>
48Vdc	EL.	●	<b>1T8127EL</b>	<b>1T8128EL</b>	<b>1T8129EL</b>
48Vdc	DALI	○	<b>1T8124DA</b>	<b>1T8125DA</b>	<b>1T8126DA</b>
48Vdc	DALI	●	<b>1T8127DA</b>	<b>1T8128DA</b>	<b>1T8129DA</b>

## LED / 21W / LENS / MWFL

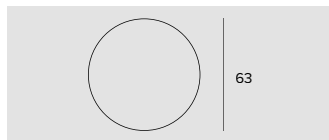


		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90				41*	
Fixture Power	23W	1	0.75	4115	
Source Flux	2591lm	2	1.49	1029	
Fixture Flux	2016lm	3	2.24	457	
Efficacy	88lm/W	4	2.99	257	
TS1262	I <sub>max</sub> =1623cd/klm	5	3.73	165	

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T8130EL</b>	<b>1T8131EL</b>	<b>1T8132EL</b>
48Vdc	EL.	●	<b>1T8133EL</b>	<b>1T8134EL</b>	<b>1T8135EL</b>
48Vdc	DALI	○	<b>1T8130DA</b>	<b>1T8131DA</b>	<b>1T8132DA</b>
48Vdc	DALI	●	<b>1T8133DA</b>	<b>1T8134DA</b>	<b>1T8135DA</b>

## Accessories

### Grid

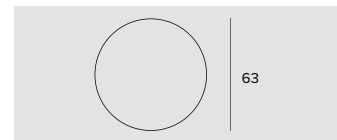


Ø Code

63 **1T8093**

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

### Filter



Ø Code

63 **1T8094**

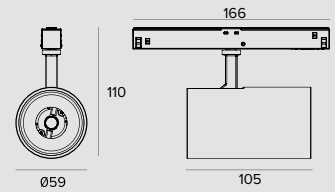
Holographic PMMA filter with blade of light effect.  
Allows the beam to be made oval; combined with spot and flood optics the effect appears more pronounced.



# FORTYEIGHT



## Label 6 Short arm



### LED / 14W / REFLECTOR / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		16°		
Fixture Power	15W	1	0.28	10741		
Source Flux	1793lm	2	0.55	2685		
Fixture Flux	1316lm	3	0.83	1193		
Efficacy	91lm/W	4	1.11	671		
TS1068	I <sub>max</sub> =5990cd/klm	I <sub>max</sub>	10741cd	5	1.39	430

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6675EL</b>	<b>1T6676EL</b>	<b>1T6677EL</b>
48Vdc	EL.	●	<b>1T6678EL</b>	<b>1T6679EL</b>	<b>1T6680EL</b>
48Vdc	DALI	○	<b>1T6675DA</b>	<b>1T6676DA</b>	<b>1T6677DA</b>
48Vdc	DALI	●	<b>1T6678DA</b>	<b>1T6679DA</b>	<b>1T6680DA</b>

### LED / 14W / REFLECTOR / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		31°		
Fixture Power	15W	1	0.56	4410		
Source Flux	1793lm	2	1.12	1102		
Fixture Flux	1386lm	3	1.67	490		
Efficacy	96lm/W	4	2.23	276		
TS1069	I <sub>max</sub> =2460cd/klm	I <sub>max</sub>	4410cd	5	2.79	176

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6681EL</b>	<b>1T6682EL</b>	<b>1T6683EL</b>
48Vdc	EL.	●	<b>1T6684EL</b>	<b>1T6685EL</b>	<b>1T6686EL</b>
48Vdc	DALI	○	<b>1T6681DA</b>	<b>1T6682DA</b>	<b>1T6683DA</b>
48Vdc	DALI	●	<b>1T6684DA</b>	<b>1T6685DA</b>	<b>1T6686DA</b>

### LED / 14W / REFLECTOR / MWFL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		48°		
Fixture Power	15W	1	0.88	2457		
Source Flux	1793lm	2	1.77	614		
Fixture Flux	1373lm	3	2.65	273		
Efficacy	95lm/W	4	3.53	154		
TS1070	I <sub>max</sub> =1378cd/klm	I <sub>max</sub>	2471cd	5	4.41	98

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6687EL</b>	<b>1T6688EL</b>	<b>1T6689EL</b>
48Vdc	EL.	●	<b>1T6690EL</b>	<b>1T6691EL</b>	<b>1T6692EL</b>
48Vdc	DALI	○	<b>1T6687DA</b>	<b>1T6688DA</b>	<b>1T6689DA</b>
48Vdc	DALI	●	<b>1T6690DA</b>	<b>1T6691DA</b>	<b>1T6692DA</b>

### LED / 15W / LENS / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		14°		
Fixture Power	16W	1	0.25	15429		
Source Flux	1512lm	2	0.49	3857		
Fixture Flux	1244lm	3	0.74	1714		
Efficacy	78lm/W	4	0.99	964		
TS1293	I <sub>max</sub> =10204cd/klm	I <sub>max</sub>	15429cd	5	1.23	617

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T9046EL</b>	<b>1T9047EL</b>	<b>1T9048EL</b>
48Vdc	EL.	●	<b>1T9049EL</b>	<b>1T9050EL</b>	<b>1T9051EL</b>
48Vdc	DALI	○	<b>1T9046DA</b>	<b>1T9047DA</b>	<b>1T9048DA</b>
48Vdc	DALI	●	<b>1T9049DA</b>	<b>1T9050DA</b>	<b>1T9051DA</b>

### LED / 14W / LENS / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		26°		
Fixture Power	15W	1	0.47	6254		
Source Flux	1793lm	2	0.94	1563		
Fixture Flux	1535lm	3	1.40	695		
Efficacy	102lm/W	4	1.87	391		
TS1291	I <sub>max</sub> =3488cd/klm	I <sub>max</sub>	6254cd	5	2.34	250

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T9052EL</b>	<b>1T9053EL</b>	<b>1T9054EL</b>
48Vdc	EL.	●	<b>1T9055EL</b>	<b>1T9056EL</b>	<b>1T9057EL</b>
48Vdc	DALI	○	<b>1T9052DA</b>	<b>1T9053DA</b>	<b>1T9054DA</b>
48Vdc	DALI	●	<b>1T9055DA</b>	<b>1T9056DA</b>	<b>1T9057DA</b>

# FORTYEIGHT

## LED / 14W / LENS / MWFL

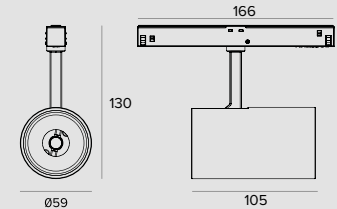


	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90			41°	
Fixture Power	15W	1	0.75	3104
Source Flux	1793lm	2	1.50	776
Fixture Flux	1535lm	3	2.24	345
Efficacy	102lm/W	4	2.99	194
TS1292	Imax=1767cd/klm	Imax	3.74	124

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T9058EL</b>	<b>1T9059EL</b>	<b>1T9060EL</b>
48Vdc	EL.	●	<b>1T9061EL</b>	<b>1T9062EL</b>	<b>1T9063EL</b>
48Vdc	DALI	○	<b>1T9058DA</b>	<b>1T9059DA</b>	<b>1T9060DA</b>
48Vdc	DALI	●	<b>1T9061DA</b>	<b>1T9062DA</b>	<b>1T9063DA</b>



**Label 6  
Long arm**



## LED / 14W / REFLECTOR / SP



	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90			16°	
Fixture Power	15W	1	0.28	10741
Source Flux	1793lm	2	0.55	2685
Fixture Flux	1316lm	3	0.83	1193
Efficacy	91lm/W	4	1.11	671
TS1068	Imax=5990cd/klm	Imax	1.39	430

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6729EL</b>	<b>1T6730EL</b>	<b>1T6731EL</b>
48Vdc	EL.	●	<b>1T6732EL</b>	<b>1T6733EL</b>	<b>1T6734EL</b>
48Vdc	DALI	○	<b>1T6729DA</b>	<b>1T6730DA</b>	<b>1T6731DA</b>
48Vdc	DALI	●	<b>1T6732DA</b>	<b>1T6733DA</b>	<b>1T6734DA</b>

## LED / 14W / REFLECTOR / FL



	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90			31°	
Fixture Power	15W	1	0.56	4410
Source Flux	1793lm	2	1.12	1102
Fixture Flux	1386lm	3	1.67	490
Efficacy	96lm/W	4	2.23	276
TS1069	Imax=2460cd/klm	Imax	2.79	176

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6735EL</b>	<b>1T6736EL</b>	<b>1T6737EL</b>
48Vdc	EL.	●	<b>1T6738EL</b>	<b>1T6739EL</b>	<b>1T6740EL</b>
48Vdc	DALI	○	<b>1T6735DA</b>	<b>1T6736DA</b>	<b>1T6737DA</b>
48Vdc	DALI	●	<b>1T6738DA</b>	<b>1T6739DA</b>	<b>1T6740DA</b>

## LED / 14W / REFLECTOR / MWFL



	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90			48°	
Fixture Power	15W	1	0.88	2457
Source Flux	1793lm	2	1.77	614
Fixture Flux	1373lm	3	2.65	273
Efficacy	95lm/W	4	3.53	154
TS1070	Imax=1378cd/klm	Imax	4.41	98

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6741EL</b>	<b>1T6742EL</b>	<b>1T6743EL</b>
48Vdc	EL.	●	<b>1T6744EL</b>	<b>1T6745EL</b>	<b>1T6746EL</b>
48Vdc	DALI	○	<b>1T6741DA</b>	<b>1T6742DA</b>	<b>1T6743DA</b>
48Vdc	DALI	●	<b>1T6744DA</b>	<b>1T6745DA</b>	<b>1T6746DA</b>

## LED / 15W / LENS / SP



	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90			14°	
Fixture Power	16W	1	0.25	15429
Source Flux	1512lm	2	0.49	3857
Fixture Flux	1244lm	3	0.74	1714
Efficacy	78lm/W	4	0.99	964
TS1293	Imax=10204cd/klm	Imax	1.23	617

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T9064EL</b>	<b>1T9065EL</b>	<b>1T9066EL</b>
48Vdc	EL.	●	<b>1T9067EL</b>	<b>1T9068EL</b>	<b>1T9069EL</b>
48Vdc	DALI	○	<b>1T9064DA</b>	<b>1T9065DA</b>	<b>1T9066DA</b>
48Vdc	DALI	●	<b>1T9067DA</b>	<b>1T9068DA</b>	<b>1T9069DA</b>

# FORTYEIGHT

## LED / 14W / LENS / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
Ra90				26°		
Fixture Power	15W	1	0.47	6254		
Source Flux	1793lm	2	0.94	1563		
Fixture Flux	1535lm	3	1.40	695		
Efficacy	102lm/W	4	1.87	391		
TS1291	I <sub>max</sub> =3488cd/klm	I <sub>max</sub>	6254cd	5	2.34	250

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T9070EL</b>	<b>1T9071EL</b>	<b>1T9072EL</b>
48Vdc	EL.	●	<b>1T9073EL</b>	<b>1T9074EL</b>	<b>1T9075EL</b>
48Vdc	DALI	○	<b>1T9070DA</b>	<b>1T9071DA</b>	<b>1T9072DA</b>
48Vdc	DALI	●	<b>1T9073DA</b>	<b>1T9074DA</b>	<b>1T9075DA</b>

## LED / 14W / LENS / MWFL

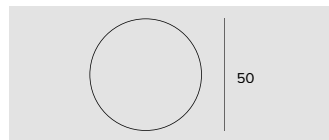


		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
Ra90				41°		
Fixture Power	15W	1	0.75	3104		
Source Flux	1793lm	2	1.50	776		
Fixture Flux	1535lm	3	2.24	345		
Efficacy	102lm/W	4	2.99	194		
TS1292	I <sub>max</sub> =1767cd/klm	I <sub>max</sub>	3169cd	5	3.74	124

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T9076EL</b>	<b>1T9077EL</b>	<b>1T9078EL</b>
48Vdc	EL.	●	<b>1T9079EL</b>	<b>1T9080EL</b>	<b>1T9081EL</b>
48Vdc	DALI	○	<b>1T9076DA</b>	<b>1T9077DA</b>	<b>1T9078DA</b>
48Vdc	DALI	●	<b>1T9079DA</b>	<b>1T9080DA</b>	<b>1T9081DA</b>

## Accessories

### Filter

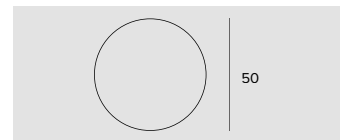


Ø Code

50 **1T4721**

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

### Grid



Ø Code

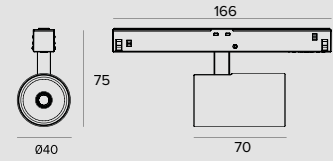
50 **1T4322**

Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.

# FORTYEIGHT



## Label 4 Short arm



### LED / 8W / REFLECTOR / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
		Ra90		18°	
Fixture Power	9W	1	0.31	4214	
Source Flux	982lm	2	0.62	1053	
Fixture Flux	622lm	3	0.93	468	
Efficacy	71lm/W	4	1.24	263	
TS1072	I <sub>max</sub> =4291cd/klm	I <sub>max</sub>	4214cd	5	1.55

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6657EL</b>	<b>1T6658EL</b>	<b>1T6659EL</b>
48Vdc	EL.	●	<b>1T6660EL</b>	<b>1T6661EL</b>	<b>1T6662EL</b>
48Vdc	DALI	○	<b>1T6657DA</b>	<b>1T6658DA</b>	<b>1T6659DA</b>
48Vdc	DALI	●	<b>1T6660DA</b>	<b>1T6661DA</b>	<b>1T6662DA</b>

### LED / 8W / REFLECTOR / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
		Ra90		27°	
Fixture Power	9W	1	0.48	3199	
Source Flux	1129lm	2	0.95	800	
Fixture Flux	806lm	3	1.43	355	
Efficacy	92lm/W	4	1.91	200	
TS1073	I <sub>max</sub> =2834cd/klm	I <sub>max</sub>	3199cd	5	2.38

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6663EL</b>	<b>1T6664EL</b>	<b>1T6665EL</b>
48Vdc	EL.	●	<b>1T6666EL</b>	<b>1T6667EL</b>	<b>1T6668EL</b>
48Vdc	DALI	○	<b>1T6663DA</b>	<b>1T6664DA</b>	<b>1T6665DA</b>
48Vdc	DALI	●	<b>1T6666DA</b>	<b>1T6667DA</b>	<b>1T6668DA</b>

### LED / 8W / REFLECTOR / MWFL

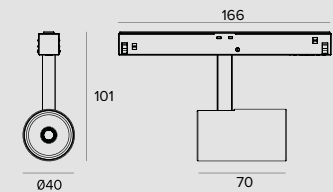


		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
		Ra90		42°	
Fixture Power	9W	1	0.76	1831	
Source Flux	1129lm	2	1.52	458	
Fixture Flux	835lm	3	2.28	203	
Efficacy	95lm/W	4	3.04	114	
TS1074	I <sub>max</sub> =1622cd/klm	I <sub>max</sub>	1831cd	5	3.80

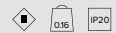
Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6669EL</b>	<b>1T6670EL</b>	<b>1T6671EL</b>
48Vdc	EL.	●	<b>1T6672EL</b>	<b>1T6673EL</b>	<b>1T6674EL</b>
48Vdc	DALI	○	<b>1T6669DA</b>	<b>1T6670DA</b>	<b>1T6671DA</b>
48Vdc	DALI	●	<b>1T6672DA</b>	<b>1T6673DA</b>	<b>1T6674DA</b>



## Label 4 Long arm



### LED / 8W / REFLECTOR / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
		Ra90		18°	
Fixture Power	9W	1	0.31	4214	
Source Flux	982lm	2	0.62	1053	
Fixture Flux	622lm	3	0.93	468	
Efficacy	71lm/W	4	1.24	263	
TS1072	I <sub>max</sub> =4291cd/klm	I <sub>max</sub>	4214cd	5	1.55

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6711EL</b>	<b>1T6712EL</b>	<b>1T6713EL</b>
48Vdc	EL.	●	<b>1T6714EL</b>	<b>1T6715EL</b>	<b>1T6716EL</b>
48Vdc	DALI	○	<b>1T6711DA</b>	<b>1T6712DA</b>	<b>1T6713DA</b>
48Vdc	DALI	●	<b>1T6714DA</b>	<b>1T6715DA</b>	<b>1T6716DA</b>

# FORTYEIGHT

## LED / 8W / REFLECTOR / FL



	3000K	H(m)	D(m)	E <sub>max</sub> (lx)		
Ra90			27°			
Fixture Power	9W	1	0.48	3199		
Source Flux	1129lm	2	0.95	800		
Fixture Flux	806lm	3	1.43	355		
Efficacy	92lm/W	4	1.91	200		
TS1073	I <sub>max</sub> =2834cd/klm	I <sub>max</sub>	3199cd	5	2.38	128

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6717EL</b>	<b>1T6718EL</b>	<b>1T6719EL</b>
48Vdc	EL.	●	<b>1T6720EL</b>	<b>1T6721EL</b>	<b>1T6722EL</b>
48Vdc	DALI	○	<b>1T6717DA</b>	<b>1T6718DA</b>	<b>1T6719DA</b>
48Vdc	DALI	●	<b>1T6720DA</b>	<b>1T6721DA</b>	<b>1T6722DA</b>

## LED / 8W / REFLECTOR / MWFL

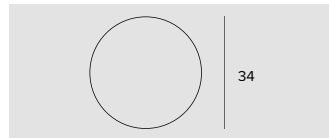


	3000K	H(m)	D(m)	E <sub>max</sub> (lx)		
Ra90			42°			
Fixture Power	9W	1	0.76	1831		
Source Flux	1129lm	2	1.52	458		
Fixture Flux	835lm	3	2.28	203		
Efficacy	95lm/W	4	3.04	114		
TS1074	I <sub>max</sub> =1622cd/klm	I <sub>max</sub>	1831cd	5	3.80	73

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6723EL</b>	<b>1T6724EL</b>	<b>1T6725EL</b>
48Vdc	EL.	●	<b>1T6726EL</b>	<b>1T6727EL</b>	<b>1T6728EL</b>
48Vdc	DALI	○	<b>1T6723DA</b>	<b>1T6724DA</b>	<b>1T6725DA</b>
48Vdc	DALI	●	<b>1T6726DA</b>	<b>1T6727DA</b>	<b>1T6728DA</b>

## Accessories

### Filter

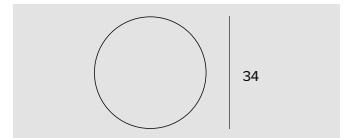


Ø Code

34 **1T6931**

PMMA holographic filter with blade effect to ovalize the light beam; more evident when combined with spot and flood optics.

### Grid



Ø Code

34 **1T6930**

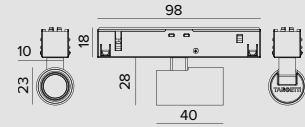
Anti-glare louver.  
Black painted metal honeycomb structure.  
Complete with holographic diffusion filter.



# FORTYEIGHT



## Label 2 Short arm



### LED / 2,6W / LENS / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		13°		
Fixture Power	4W	1	0.23	1419		
Source Flux	180lm	2	0.45	355		
Fixture Flux	152lm	3	0.68	158		
Efficacy	40lm/W	4	0.90	89		
TS1157	I <sub>max</sub> =7873cd/klm	I <sub>max</sub>	1419cd	5	1.13	57

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6639EL</b>	<b>1T6640EL</b>	<b>1T6641EL</b>
48Vdc	EL.	●	<b>1T6642EL</b>	<b>1T6643EL</b>	<b>1T6644EL</b>
48Vdc	DALI	○	<b>1T6639DA</b>	<b>1T6640DA</b>	<b>1T6641DA</b>
48Vdc	DALI	●	<b>1T6642DA</b>	<b>1T6643DA</b>	<b>1T6644DA</b>

### LED / 2,6W / LENS / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		31°		
Fixture Power	4W	1	0.55	346		
Source Flux	180lm	2	1.10	87		
Fixture Flux	136lm	3	1.65	38		
Efficacy	36lm/W	4	2.19	22		
TS1158	I <sub>max</sub> =1920cd/klm	I <sub>max</sub>	346cd	5	2.74	14

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6645EL</b>	<b>1T6646EL</b>	<b>1T6647EL</b>
48Vdc	EL.	●	<b>1T6648EL</b>	<b>1T6649EL</b>	<b>1T6650EL</b>
48Vdc	DALI	○	<b>1T6645DA</b>	<b>1T6646DA</b>	<b>1T6647DA</b>
48Vdc	DALI	●	<b>1T6648DA</b>	<b>1T6649DA</b>	<b>1T6650DA</b>

### LED / 2,6W / LENS / MWFL

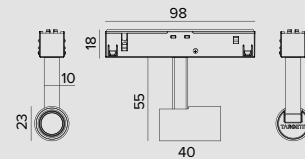


		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		49°		
Fixture Power	4W	1	0.90	177		
Source Flux	180lm	2	1.81	44		
Fixture Flux	131lm	3	2.71	20		
Efficacy	34lm/W	4	3.62	11		
TS1159	I <sub>max</sub> =983cd/klm	I <sub>max</sub>	177cd	5	4.52	7

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6651EL</b>	<b>1T6652EL</b>	<b>1T6653EL</b>
48Vdc	EL.	●	<b>1T6654EL</b>	<b>1T6655EL</b>	<b>1T6656EL</b>
48Vdc	DALI	○	<b>1T6651DA</b>	<b>1T6652DA</b>	<b>1T6653DA</b>
48Vdc	DALI	●	<b>1T6654DA</b>	<b>1T6655DA</b>	<b>1T6656DA</b>



## Label 2 Long arm



### LED / 2,6W / LENS / SP



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)	
		Ra90		13°		
Fixture Power	4W	1	0.23	1419		
Source Flux	180lm	2	0.45	355		
Fixture Flux	152lm	3	0.68	158		
Efficacy	40lm/W	4	0.90	89		
TS1157	I <sub>max</sub> =7873cd/klm	I <sub>max</sub>	1419cd	5	1.13	57

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6693EL</b>	<b>1T6694EL</b>	<b>1T6695EL</b>
48Vdc	EL.	●	<b>1T6696EL</b>	<b>1T6697EL</b>	<b>1T6698EL</b>
48Vdc	DALI	○	<b>1T6693DA</b>	<b>1T6694DA</b>	<b>1T6695DA</b>
48Vdc	DALI	●	<b>1T6696DA</b>	<b>1T6697DA</b>	<b>1T6698DA</b>

# FORTYEIGHT

## LED / 2,6W / LENS / FL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90				31°	
Fixture Power	4W	1	0.55	346	
Source Flux	180lm	2	1.10	87	
Fixture Flux	136lm	3	1.65	38	
Efficacy	36lm/W	4	2.19	22	
TS1158	I <sub>max</sub> =1920cd/klm	I <sub>max</sub>	346cd	5	2.74
					14

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6699EL</b>	<b>1T6700EL</b>	<b>1T6701EL</b>
48Vdc	EL.	●	<b>1T6702EL</b>	<b>1T6703EL</b>	<b>1T6704EL</b>
48Vdc	DALI	○	<b>1T6699DA</b>	<b>1T6700DA</b>	<b>1T6701DA</b>
48Vdc	DALI	●	<b>1T6702DA</b>	<b>1T6703DA</b>	<b>1T6704DA</b>

## LED / 2,6W / LENS / MWFL



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
Ra90				49°	
Fixture Power	4W	1	0.90	177	
Source Flux	180lm	2	1.81	44	
Fixture Flux	131lm	3	2.71	20	
Efficacy	34lm/W	4	3.62	11	
TS1159	I <sub>max</sub> =983cd/klm	I <sub>max</sub>	177cd	5	4.52
					7

Power supply	Version	Colour	2700K	3000K	4000K
48Vdc	EL.	○	<b>1T6705EL</b>	<b>1T6706EL</b>	<b>1T6707EL</b>
48Vdc	EL.	●	<b>1T6708EL</b>	<b>1T6709EL</b>	<b>1T6710EL</b>
48Vdc	DALI	○	<b>1T6705DA</b>	<b>1T6706DA</b>	<b>1T6707DA</b>
48Vdc	DALI	●	<b>1T6708DA</b>	<b>1T6709DA</b>	<b>1T6710DA</b>

## Accessories

### Filter



Ø	Code
17	<b>1T6939</b>

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.

## 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 Spa 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 SANKEY SpA

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.

## Light beam apertures

from	to	beam	
5°	10°	Narrow Spot	<b>NSP</b>
11°	25°	Spot	<b>SP</b>
26°	40°	Flood	<b>FL</b>
41°	50°	Medium Wide Flood	<b>MWFL</b>
51°	70°	Wide Flood	<b>WFL</b>
71°	120°	Very Wide Flood	<b>VWFL</b>
		Wall Washer	<b>WW</b>
		Narrow Asymmetric	<b>N. ASYM</b>
		Asymmetric	<b>ASYM</b>

## 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).
<b>DBS</b>	Dynamic Beam Shaper optical technology with remote management of the beam opening.
	LED with $Ra_{\_\_}$ where not present in the catalogue, available on request.
	Different colour temperatures available on request.
	Custom finish of your choice from the Targetti Colours range and RAL indicated in the colour chart can be downloaded on line from the download section.
	Treatment carried out on request.
	Supplied on request with an integrated or remote 110-277Vac power supply as indicated for the standard model.
	LED version with a different "Tunable White" tone available on request.

### 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".

