

Inground
JUPITER



TARGETTI

JUPITER

GENERAL INFO

Miniaturised recessed fixture
ø80mm - ø50mm

LED

Chip on board
From 157lm to 779lm
2700K - 3000K - 4000K
Ra90

PRODUCT EFFICACY

Up to 93lm/W

OPTICS

SP – FL – WFL

POWER SUPPLY

24V
Casambi control system available using a dedicated accessory (only with DALI dimmer).

MATERIAL

Anodised polished aluminium body. Polished stainless steel front ring.

ON DEMAND

 110-277Vac power supply

High performance fixture with a lenticular optic. The absence of visible screws and the raised ring avoid treacherous steps on the ground. The 24V power supply makes it possible to install Jupiter in environments like SPAs or near swimming pools. It is easy to install and has an extremely compact recess depth.

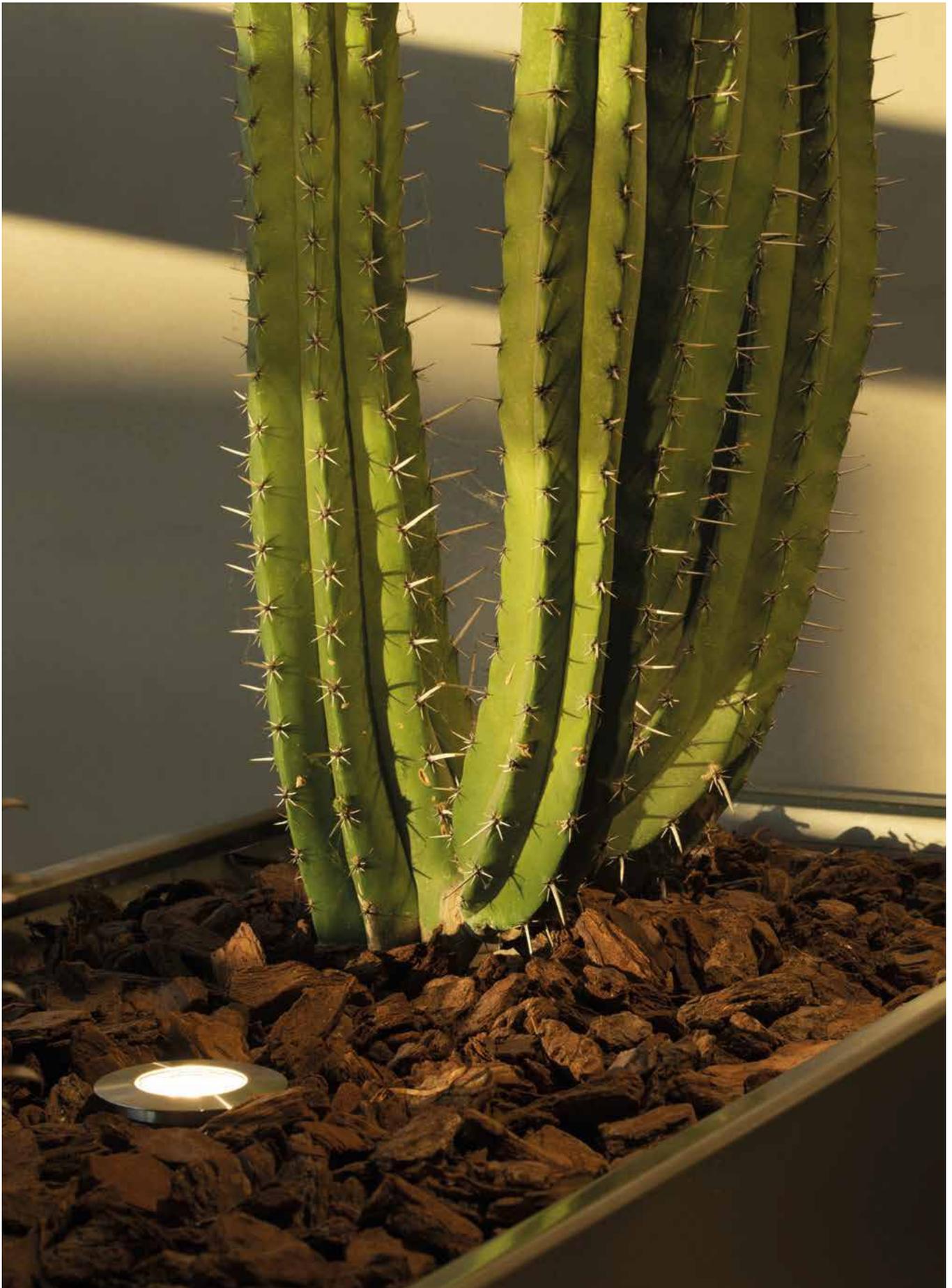
All Jupiter fixtures are drive-over and can also be supplied complete with an anti-glare grill or an asymmetric screen.

The entire range uses the “Waterblock Smart” technical solution that involves resin coating the connection cables limiting the risk of humidity reaching the driver or the fixture.

Also available in a projector version.



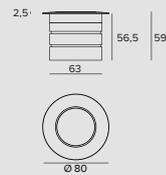
Outdoor



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Drive-over



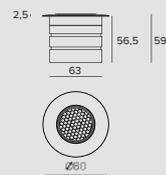
LED / 6,1W / SP									
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	2700K	3000K	4000K
	Ra90		21°		24Vdc	●	1E345190	1E345490	1E345790
	Fixture Power	6W	1	0.38	2336				
	Source Flux	756lm	2	0.75	584				
	Fixture Flux	532lm	3	1.13	260				
	Efficacy	87lm/W	4	1.50	146				
TS1424	I _{max} =3090cd/klm	I _{max}	2336cd	5	1.88	93			

LED / 6,1W / SP									
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	2700K	3000K	4000K
	Ra90		39°		24Vdc	●	1E345290	1E345590	1E345890
	Fixture Power	6W	1	0.71	1020				
	Source Flux	756lm	2	1.41	255				
	Fixture Flux	550lm	3	2.12	113				
	Efficacy	90lm/W	4	2.83	64				
TS1425	I _{max} =1349cd/klm	I _{max}	1020cd	5	3.53	41			

LED / 6,1W / WFL									
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	2700K	3000K	4000K
	Ra90		53°		24Vdc	●	1E345390	1E345690	1E345990
	Fixture Power	6W	1	0.99	642				
	Source Flux	756lm	2	1.99	161				
	Fixture Flux	526lm	3	2.98	71				
	Efficacy	86lm/W	4	3.98	40				
TS1426	I _{max} =849cd/klm	I _{max}	642cd	5	4.97	26			



Drive-over with grid



LED / 6,1W / SP									
	3000K	H(m)	D(m)	E _{max} (lx)	Power supply	Colour	2700K	3000K	4000K
	Ra90		18°		24Vdc	●	1E347190	1E347490	1E347790
	Fixture Power	6W	1	0.32	2150				
	Source Flux	756lm	2	0.63	537				
	Fixture Flux	334lm	3	0.95	239				
	Efficacy	55lm/W	4	1.27	134				
TS1427	I _{max} =2844cd/klm	I _{max}	2150cd	5	1.59	86			

Outdoor

JUPITER

LED / 6,1W / FL (29°)



		3000K	H(m)	D(m)	E _{max} (lx)	
Ra90				29°		
Fixture Power	6W	1	0.52	938		
Source Flux	756lm	2	1.05	235		
Fixture Flux	299lm	3	1.57	104		
Efficacy	49lm/W	4	2.09	59		
TS1428	I _{max} =1241cd/klm	I _{max}	938cd	5	2.61	38

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E347290	1E347590	1E347890

LED / 6,1W / FL (38°)

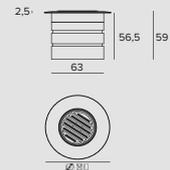


		3000K	H(m)	D(m)	E _{max} (lx)	
Ra90				38°		
Fixture Power	6W	1	0.68	577		
Source Flux	756lm	2	1.37	144		
Fixture Flux	259lm	3	2.05	64		
Efficacy	42lm/W	4	2.73	36		
TS1429	I _{max} =763cd/klm	I _{max}	577cd	5	3.41	23

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E347390	1E347690	1E347990



Drive-over with asymmetric screen



LED / 6,1W / SP - ASYM



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra90				26°	26°		
Fixture Power	6W	1	0.56	0.50	381		
Source Flux	756lm	2	1.11	1.00	95		
Fixture Flux	161lm	3	1.67	1.51	42		
Efficacy	26lm/W	4	2.22	2.01	24		
TS1430	I _{max} =628cd/klm	I _{max}	475cd	5	2.78	2.51	15

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E348990	1E349290	1E349590

LED / 6,1W / FL - ASYM



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra90				36°	41°		
Fixture Power	6W	1	0.82	0.82	218		
Source Flux	756lm	2	1.64	1.64	55		
Fixture Flux	154lm	3	2.46	2.46	24		
Efficacy	25lm/W	4	3.29	3.29	14		
TS1431	I _{max} =377cd/klm	I _{max}	285cd	5	4.11	4.11	9

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E349090	1E349390	1E349690

LED / 6,1W / WFL - ASYM



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
Ra90				42°	49°		
Fixture Power	6W	1	1.01	1.05	151		
Source Flux	756lm	2	2.01	2.11	38		
Fixture Flux	143lm	3	3.02	3.16	17		
Efficacy	23lm/W	4	4.03	4.22	9		
TS1432	I _{max} =270cd/klm	I _{max}	204cd	5	5.03	5.27	6

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E349190	1E349490	1E349790

Note

Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.

IP68: the projector is not suitable for permanent underwater installation but can withstand temporary accidental immersion to a depth of 2 metres (max.24h).
IP69: IEC/EN 60529 standard compliant.

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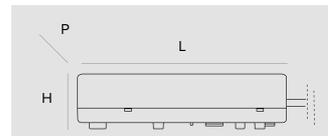
Related codes

Power Supply



Dimensions ØxH	W	Power supply	Output voltage	IP	Code
98x78	max 20W	220-240Vac	24Vdc	IP68	1E0993

Electronic power supply.



Dimensions LxHxP	W	Power supply	Output voltage	IP	Code
79x25x38	10W	220-240Vac	24Vdc	IP67	1E3179
185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
162x32x49	75W	220-240Vac	24Vdc	IP67	1T3586
230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588

Electronic power supply.

Note

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

Sleeve



Ø	H	Code
75	80	1E3460

Installation sleeve.
For the drive-over version.

JUPITER

Accessories

Connector



Code

1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

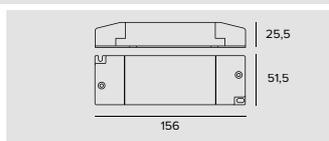


Code

1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Control systems



Code

1T6581

Dimmer for 12-24Vdc constant voltage LED driver.
1-10V/DALI control input.
IP20



Code

1E3048

A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.



Code

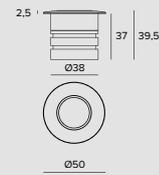
1E3049

IP67 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 outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

JUPITER



Mini Drive-over



LED / 1,9W / SP (19°)



	3000K	H(m)	D(m)	E _{max} (lx)		
Ra90			19°			
Fixture Power	2W	1	0.33	675		
Source Flux	170lm	2	0.65	169		
Fixture Flux	101lm	3	0.98	75		
Efficacy	53lm/W	4	1.31	42		
TS1415	Imax=3977cd/klm	Imax	675cd	5	1.63	27

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E346190	1E346490	1E346790

LED / 1,9W / SP (24°)



	3000K	H(m)	D(m)	E _{max} (lx)		
Ra90			24°			
Fixture Power	2W	1	0.42	417		
Source Flux	170lm	2	0.85	104		
Fixture Flux	95lm	3	1.27	46		
Efficacy	50lm/W	4	1.69	26		
TS1416	Imax=2457cd/klm	Imax	417cd	5	2.11	17

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E346290	1E346590	1E346890

LED / 1,9W / FL

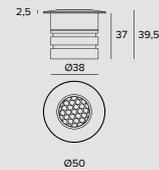


	3000K	H(m)	D(m)	E _{max} (lx)		
Ra90			32°			
Fixture Power	2W	1	0.57	241		
Source Flux	170lm	2	1.15	60		
Fixture Flux	93lm	3	1.72	27		
Efficacy	49lm/W	4	2.30	15		
TS1417	Imax=1421cd/klm	Imax	241cd	5	2.87	10

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E346390	1E346690	1E346990



Mini Drive-over with grid



LED / 1,9W / SP (17°)



	3000K	H(m)	D(m)	E _{max} (lx)		
Ra90			17°			
Fixture Power	2W	1	0.29	559		
Source Flux	170lm	2	0.58	140		
Fixture Flux	64lm	3	0.88	62		
Efficacy	34lm/W	4	1.17	35		
TS1418	Imax=3296cd/klm	Imax	559cd	5	1.46	22

Power supply	Colour	2700K	3000K	4000K
24Vdc	●	1E348090	1E348390	1E348690

Outdoor

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LED / 1,9W / SP (20°)



		3000K	H(m)	D(m)	E _{max} (lx)
		Ra90		20°	
Fixture Power	2W	1	0.36	374	
Source Flux	170lm	2	0.72	93	
Fixture Flux	60lm	3	1.07	42	
Efficacy	32lm/W	4	1.43	23	
TS1419	I _{max} =2203cd/klm	I _{max}	374cd	5	1.79
				15	

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E348190	1E348490	1E348790

LED / 1,9W / SP (25°)

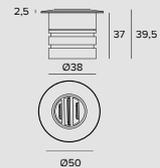


		3000K	H(m)	D(m)	E _{max} (lx)
		Ra90		25°	
Fixture Power	2W	1	0.44	216	
Source Flux	170lm	2	0.88	54	
Fixture Flux	52lm	3	1.32	24	
Efficacy	27lm/W	4	1.75	13	
TS1420	I _{max} =1273cd/klm	I _{max}	216cd	5	2.19
				9	

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E348290	1E348590	1E348890



Mini Drive-over with asymmetric screen



LED / 1,9W / SP - ASYM



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
		Ra90		18°	18°	
Fixture Power	2W	1	0.36	0.33	91	
Source Flux	170lm	2	0.72	0.66	23	
Fixture Flux	20lm	3	1.09	0.99	10	
Efficacy	11lm/W	4	1.45	1.32	6	
TS1421	I _{max} =645cd/klm	I _{max}	109cd	5	1.81	1.65
				4		

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E349890	1E350190	1E350490

LED / 1,9W / FL - ASYM



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
		Ra90		21°	24°	
Fixture Power	2W	1	0.42	0.46	64	
Source Flux	170lm	2	0.84	0.91	16	
Fixture Flux	18lm	3	1.26	1.37	7	
Efficacy	10lm/W	4	1.68	1.82	4	
TS1422	I _{max} =443cd/klm	I _{max}	75cd	5	2.10	2.28
				3		

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E349990	1E350290	1E350590

LED / 1,9W / WFL - ASYM



		3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
		Ra90		31°	32°	
Fixture Power	2W	1	0.65	0.60	40	
Source Flux	170lm	2	1.29	1.20	10	
Fixture Flux	18lm	3	1.94	1.81	4	
Efficacy	10lm/W	4	2.59	2.41	2	
TS1423	I _{max} =278cd/klm	I _{max}	47cd	5	3.23	3.01
				2		

Power supply	Colour	2700K	3000K	4000K
24Vdc		1E350090	1E350390	1E350690

Note

Values relating to the power of the fixture do not take into account the absorption of the accessory driver. This value depends on the choice of driver.

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IP69: IEC/EN 60529 standard compliant.

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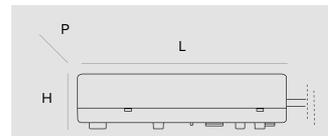
Related codes

Power Supply



Dimensions ØxH	W	Power supply	Output voltage	IP	Code
98x78	max 20W	220-240Vac	24Vdc	IP68	1E0993

Electronic power supply.



Dimensions LxHxP	W	Power supply	Output voltage	IP	Code
79x25x38	10W	220-240Vac	24Vdc	IP67	1E3179
185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
162x32x49	75W	220-240Vac	24Vdc	IP67	1T3586
230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588

Electronic power supply.

Note

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

Sleeve



Ø	H	Code
44	60	1E3470

Installation sleeve.
For the drive-over version.

JUPITER

Accessories

Connector



Code

1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

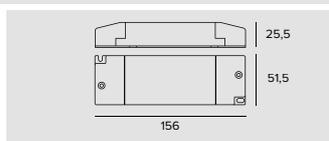


Code

1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

Control systems



Code

1T6581

Dimmer for 12-24Vdc constant voltage LED driver.
1-10V/DALI control input.
IP20



Code

1E3048

A IP67 Module for individual control of external devices equipped with DALI drivers.
The module needs to be positioned in order to receive radio signals.
The distance to the lighting fixtures can reach up to 50m.
Wireless control via the Casambi application.
LxHxP=56.5x22.3x35.8mm.



Code

1E3049

IP67 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 outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

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	NSP
11°	25°	Spot	SP
26°	40°	Flood	FL
41°	50°	Medium Wide Flood	MWFL
51°	70°	Wide Flood	WFL
71°	120°	Very Wide Flood	VWFL
		Wall Washer	WW
		Narrow Asymmetric	N. ASYM
		Asymmetric	ASYM

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).
DBS	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".

