

Projectors
JUPITER



TARGETTI

JUPITER

GENERAL INFO

Jupiter Mini

Ultra compact adjustable projector

Ø38mm

Jupiter Pro

Professional adjustable LED projector

Ø40mm - Ø50mm

LED

Jupiter Mini

Chip on board

From 170lm to 182lm

3000K – 4000K

Ra 90

Jupiter Pro

Jupiter Pro

LED Emitter

From 479lm to 1228lm

2700K – 3000K – 3500K

– 4000K

Ra80 - Ra90

PRODUCT EFFICACY

Up to 77lm/W

OPTICS

Jupiter Mini

SP – FL – WFL

Jupiter Pro

NSP (fixed optic)

SP15 - SP24 - FL - MWFL

(multi-optic)

POWER SUPPLY

Jupiter Mini

24V

Jupiter Pro

24V

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

MATERIAL

Jupiter Mini

Anodised polished aluminium body.

Aluminium front

ring. Bevelled extra-clear

front glass. Stainless steel

bracket fixed to the body

for adjustability.

Jupiter Pro

Frame and joint in

aluminium with CNC

machining, anodised and

painted.

ON DEMAND



110-277Vac
power supply

Range of professional projectors.

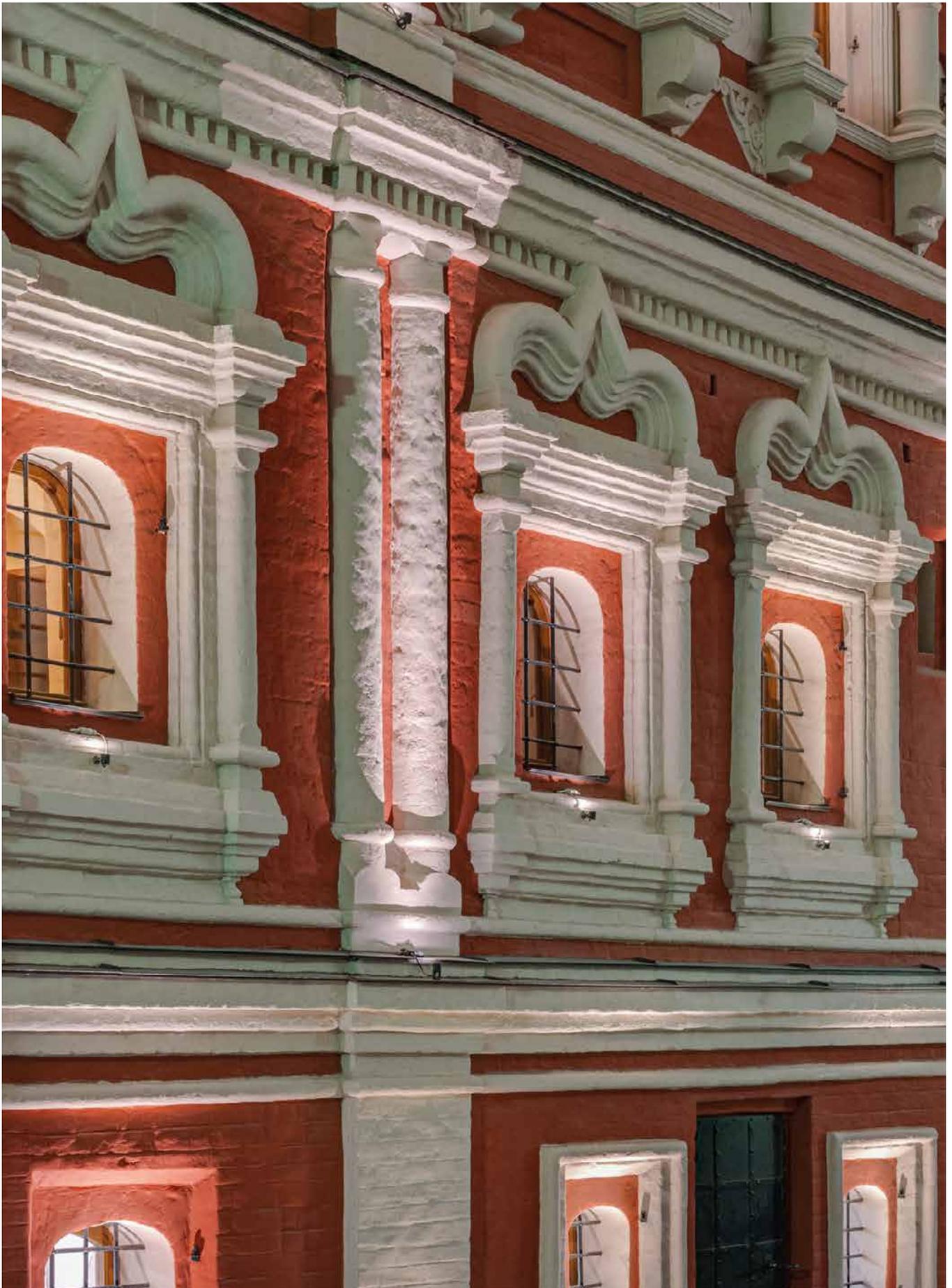
Ultra-compact and adjustable Jupiter projectors are equipped with a lenticular type optical system for precise and defined beams. Made completely of ferrite painted anodised aluminium they are characterised by an aluminium bracket which allows them to be adjusted on the both the vertical and horizontal planes.

Jupiter Pro projectors, available in two different sizes Ø40mm and Ø50mm, are equipped with a joint that allows them to be adjusted by $\pm 360^\circ$ on the horizontal plane and 180° on the vertical plane. The multi-optic system of Jupiter Pro projectors makes it possible to vary the width of the beam opening easily – from SP15 to SP24, FL, MWFL – according to needs, without affecting the IP protection rating of the fixtures.

The 24V power supply of Jupiter Mini and Jupiter Pro means that it can even be used in humid environments like SPAs or near swimming pools. 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. The Jupiter range is available in a recessed version.



Outdoor



Plus

Jupiter Mini

Jupiter Mini is the most simple and compact version in the family, with a fixed, lenticular-type optic system for precise and defined beams. It is entirely made of anodized aluminium painted ferrite complete with a steel bracket that allows it to be adjusted in respect to both the vertical and horizontal plane.



Outdoor



Jupiter Pro

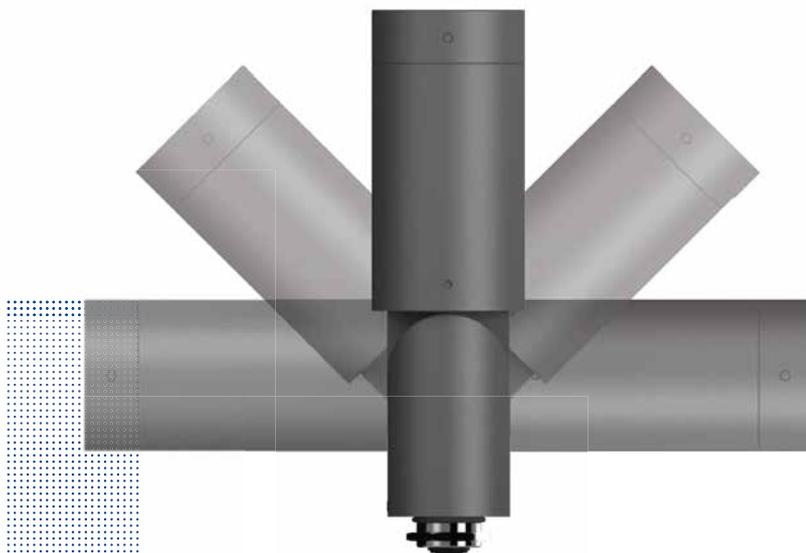
Jupiter Pro is the most professional projector of the Jupiter range and is available in two different diameters Ø40 and Ø50 with fixed or multiple optics.

Now available with Ra90 LED.

Varied and flexible installation

Jupiter Pro is equipped with a universal mounting system and can be installed using any support equipped with a G ½ shank hole (Ø22mm). In the Targetti collection there are two different installation systems available as accessories: a spike for in-ground installation and a plate for wall or inground installation.





Maximum flexibility

The joint Jupiter Pro is equipped with makes it possible to adjust the projector $\pm 360^\circ$ on the horizontal plane and 180° on the vertical plane.

Three elements in a single projector

Jupiter Pro is made up of three elements:

- the base that can be attached to the floor or wall and then completed with the actual projector body;
- The central body, which is the heart of the system and physically isolated from the other elements with resin coating;
- The optical compartment that allows to vary the beam angle by replacing the different holographic filters.

Multi-optic versions

One of the primary features of Jupiter Pro is the ability to change the beam angle of the Multi-optic version. Without changing the IP rating, the holographic filter can be changed inside the optical compartment to obtain different beam angles. The product comes with additional holographic filters so they can be changed based on the project needs.



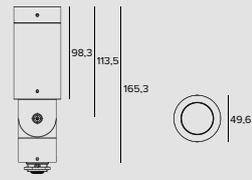


Projectors

JUPITER



PRO



LED / 5,7W / LENS / NSP



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra90		8°	
Fixture Power	8W	1	0.15	12587
Source Flux	520lm	2	0.30	3147
Fixture Flux	394lm	3	0.44	1399
Efficacy	51lm/W	4	0.59	787
TS1404	Imax=24196cd/klm	Imax	12587cd	503

Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc	●	1E377390	1E377490	1E377590	1E387790
24Vdc	●	1E377690	1E377790	1E377890	1E387890

LED / 10,3W / LENS / SP (15°), SP (24°), FL, MWFL



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra90		15°	
Fixture Power	12W	1	0.27	7200
Source Flux	987lm	2	0.54	1800
Fixture Flux	738lm	3	0.81	800
Efficacy	62lm/W	4	1.08	450
TS1405	Imax=7292cd/klm	Imax	7200cd	288

Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc	●	1E377990	1E378090	1E378190	1E387990
24Vdc	●	1E378290	1E378390	1E378490	1E388090

	3000K	H(m)	D(m)	E _{max} (lx)
	Ra90		24°	
Fixture Power	12W	1	0.43	2846
Source Flux	987lm	2	0.85	712
Fixture Flux	698lm	3	1.28	316
Efficacy	58lm/W	4	1.71	178
TS1406	Imax=2883cd/klm	Imax	2846cd	114

	3000K	H(m)	D(m)	E _{max} (lx)
	Ra90		31°	
Fixture Power	12W	1	0.55	1892
Source Flux	987lm	2	1.09	473
Fixture Flux	704lm	3	1.64	210
Efficacy	59lm/W	4	2.18	118
TS1407	Imax=1916cd/klm	Imax	1892cd	76

	3000K	H(m)	D(m)	E _{max} (lx)
	Ra90		44°	
Fixture Power	12W	1	0.82	996
Source Flux	987lm	2	1.63	249
Fixture Flux	689lm	3	2.45	111
Efficacy	57lm/W	4	3.27	62
TS1408	Imax=1009cd/klm	Imax	996cd	40

Note

Ra80: to order this version it is necessary to remove the suffix "90" at the end of the standard code.

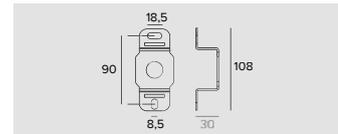
Related codes

Mounting System



Ø	H	Colour	Code
50	182	●	1E3785
50	182	●	1E3803

Earthspike.
Powder coated stainless steel.



Colour	Code
●	1E3786
●	1E3804

Plate for fixture rotation (surface installation).
Powder coated stainless steel.

Outdoor

JUPITER

Power Supply



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

Electronic power supply.

Note

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

Accessories

Filter



Code

1E3790

Blade of light filter.
PMMA holographic filter for a blade of light effect.
Diameter 36mm.

Grid



Code

1E3792

Anti-glare louver.
Black painted metal honeycomb structure.
Ready to be housed inside the optical compartment.
Diameter 36mm.

Screen



Colour

Code



1E3788



1E3806

Asymmetric screen.
Powder coated stainless steel.
Diameter 36mm.

Connector



Code

1E2769

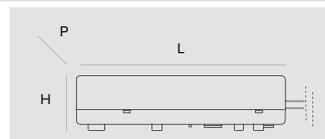
Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.



Code

1E2494

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



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.

JUPITER

Tool

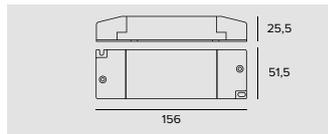


Code

1E3305

(Tightening) wrench for the connector kit.

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

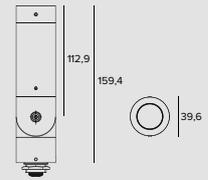
IP67 Extender for wireless control of DALI fixtures.
It generates a local DALI bus with the capacity to drive up to 64 fixtures.
Can control DALI fixtures in outdoor applications via the Casambi application.
LxHxP=150x40x148mm.

Outdoor

JUPITER



PRO Small



LED / 5,7W / LENS / SP, FL, MWFL



	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		11°			
Fixture Power	8W	1	0.19	7545		
Source Flux	520lm	2	0.38	1886		
Fixture Flux	380lm	3	0.57	838		
Efficacy	49lm/W	4	0.75	472		
TS1401	I _{max} =1450scd/klm	I _{max}	7545cd	5	0.94	302

Power supply	Colour	2700K	3000K	3500K	4000K
24Vdc		1E376790	1E376890	1E376990	1E387590
24Vdc		1E377090	1E377190	1E377290	1E387690

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		20°			
Fixture Power	8W	1	0.36	1869		
Source Flux	520lm	2	0.72	467		
Fixture Flux	332lm	3	1.08	208		
Efficacy	43lm/W	4	1.44	117		
TS1402	I _{max} =3593cd/klm	I _{max}	1869cd	5	1.80	75

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		37°			
Fixture Power	8W	1	0.68	614		
Source Flux	520lm	2	1.36	153		
Fixture Flux	300lm	3	2.04	68		
Efficacy	39lm/W	4	2.71	38		
TS1403	I _{max} =1180cd/klm	I _{max}	614cd	5	3.39	25

Note

Ra80: to order this version it is necessary to remove the suffix "90" at the end of the standard code.

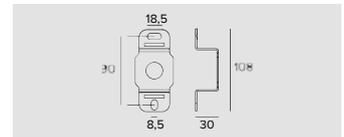
Related codes

Mounting System



Ø	H	Colour	Code
50	182		1E3785
50	182		1E3803

Earthspike.
Powder coated stainless steel.



Colour	Code
	1E3786
	1E3804

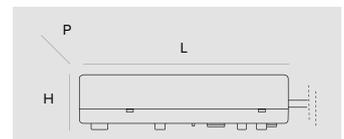
Plate for fixture rotation (surface installation).
Powder coated stainless steel.

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".

JUPITER

Accessories

Filter



Code

1E3789

Blade of light filter.
PMMA holographic filter for a blade of light effect.
Diameter 26mm.

Grid



Code

1E3791

Anti-glare louver.
Black painted metal honeycomb structure.
Ready to be housed inside the optical compartment.
Diameter 26mm.

Screen



Colour

Code



1E3787



1E3805

Asymmetric screen.
Powder coated stainless steel.
Diameter 26mm.

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.

Tool



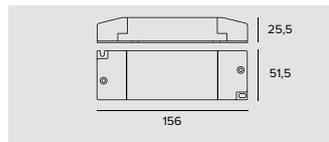
Code

1E3305

(Tightening) wrench for the connector kit.

JUPITER

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.

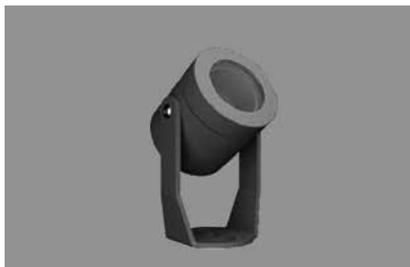


Code

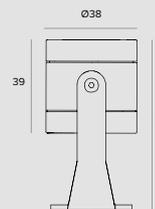
1E3049

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 Projector



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	I _{max} =3977cd/klm	I _{max}	675cd	5	1.63	27

Power supply	Colour	3000K	4000K
24Vdc		1E316790	1E316890

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	I _{max} =2457cd/klm	I _{max}	417cd	5	2.11	17

Power supply	Colour	3000K	4000K
24Vdc		1E316990	1E317090

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	I _{max} =1421cd/klm	I _{max}	241cd	5	2.87	10

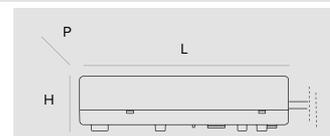
Power supply	Colour	3000K	4000K
24Vdc		1E317190	1E317290

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.

Related codes

Power Supply



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

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.

Electronic power supply.

Note

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

Outdoor

JUPITER

Accessories

Mounting System



L Code

110 **1E0995FE**

Ferrite painted stainless steel peg for ground anchorage.

Connector



Code

1E2769

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

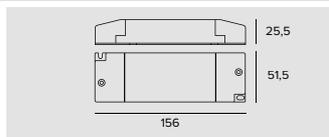


Code

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".

