

Downlights

ZENO



TARGETTI

ZENO

Small Extractable

GENERAL INFO

Recessed, extractable and adjustable LED professional projector. The optical unit can be adjusted from 0 to 90° on the vertical plane and 360° on the horizontal plane with the possibility to block beam. ø105mm

LED

COB Chip on board
From 825lm to 1478lm
3000K – 4000K
Ra97

PRODUCT EFFICACY

Up to 90lm/W

OPTICS

NSP – SP – FL – MWFL – WFL

POWER SUPPLY

Electronic – DALI
Casambi control system available using a dedicated accessory (only for DALI version products).

MATERIAL

Die-cast painted aluminium body.

ON DEMAND

 Easy Custom Colour

 Ra90

 110-277Vac power supply

A range of professional projectors especially for museum lighting, given the quality of the LED sources, the cutting edge optics and installation flexibility.

The optical unit can be moved to four different positions from total recessed to complete extraction.

Also available in a projector version in three different sizes.

SMALL		
Ø105mm		
LED	Flux (lm)	825-1478
	Power	9.4W - 12W
OPTICS		
NSP	Lens+Honeycomb	•
SP	Lens+Honeycomb	•
FL	Reflector	•
MWFL	Reflector	•
WFL	Reflector	•



Indoor



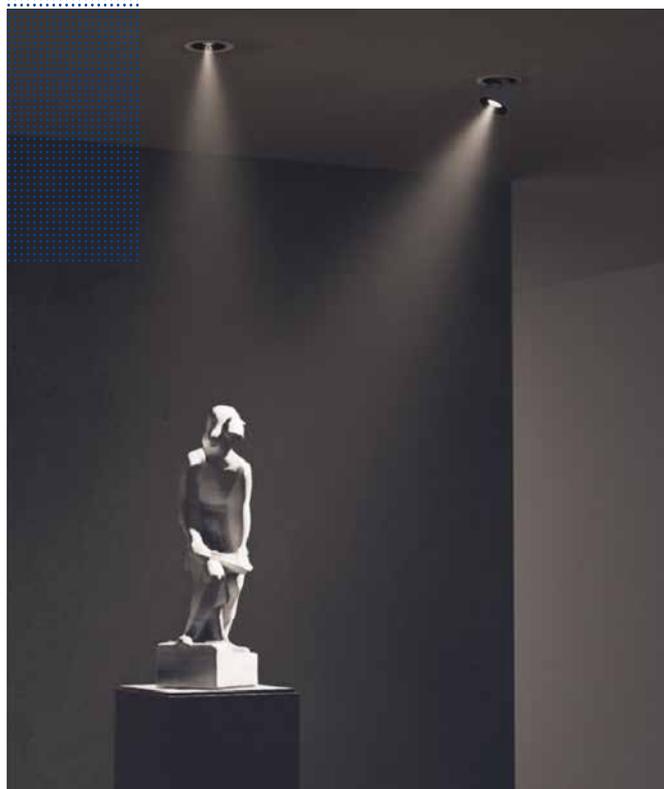
Trimless or with a decorative ring

Zeno extractable combines the flexibility and performance of a projector with the ability to blend into the architecture. It is possible to choose from installation with a trimless finish or with a decorative ring (to be ordered separately).

The optical body

To be moved into four different positions.

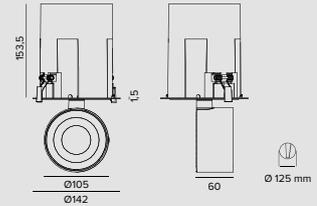
- Step 0 - recessed and non-adjustable;
- Step 1 - partially extracted but non-adjustable;
- Step 2 - the optical unit can be adjusted from 15 to 90° on the vertical plane and 360° on the horizontal plane;
- Step 3 - when the fixture is completely extracted the optical unit can be adjusted from 0 to 90° on the vertical plane and 360° on the horizontal plane with the possibility to block the beam.



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LED / 9,4W / LENS+HONEYCOMB / NSP



		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra97		7°		
Fixture Power	11W	1	0.13	20546		
Source Flux	825lm	2	0.25	5137		
Fixture Flux	574lm	3	0.38	2283		
Efficacy	52lm/W	4	0.51	1284		
TS1409	I _{max} =24905cd/klm	I _{max}	20546cd	5	0.63	822

Driver	Colour	3000K	4000K
EL.	○	1T8206EL	1T8207EL
EL.	●	1T8208EL	1T8209EL
DALI	○	1T8206DA	1T8207DA
DALI	●	1T8208DA	1T8209DA

LED / 12W / LENS+HONEYCOMB / SP



		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra97		16°		
Fixture Power	14W	1	0.28	6374		
Source Flux	1427lm	2	0.56	1593		
Fixture Flux	726lm	3	0.84	708		
Efficacy	52lm/W	4	1.12	398		
TS1410	I _{max} =4467cd/klm	I _{max}	6374cd	5	1.40	255

Driver	Colour	3000K	4000K
EL.	○	1T8210EL	1T8211EL
EL.	●	1T8212EL	1T8213EL
DALI	○	1T8210DA	1T8211DA
DALI	●	1T8212DA	1T8213DA

LED / 12W / REFLECTOR / FL



		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra97		28°		
Fixture Power	14W	1	0.49	4527		
Source Flux	1427lm	2	0.99	1132		
Fixture Flux	1113lm	3	1.48	503		
Efficacy	79lm/W	4	1.98	283		
TS1411	I _{max} =3172cd/klm	I _{max}	4527cd	5	2.47	181

Driver	Colour	3000K	4000K
EL.	○	1T8214EL	1T8215EL
EL.	●	1T8216EL	1T8217EL
DALI	○	1T8214DA	1T8215DA
DALI	●	1T8216DA	1T8217DA

LED / 12W / REFLECTOR / MWFL



		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra97		48°		
Fixture Power	14W	1	0.90	1860		
Source Flux	1430lm	2	1.79	465		
Fixture Flux	1178lm	3	2.69	207		
Efficacy	87lm/W	4	3.59	116		
TS1066	I _{max} =1307cd/klm	I _{max}	1870cd	5	4.48	74

Driver	Colour	3000K	4000K
EL.	○	1T6563EL	1T6564EL
EL.	●	1T6565EL	1T6566EL
DALI	○	1T6563DA	1T6564DA
DALI	●	1T6565DA	1T6566DA

LED / 12W / REFLECTOR / WFL



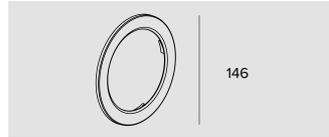
		3000K	H(m)	D(m)	E _{max} (lx)	
		Ra97		58°		
Fixture Power	14W	1	1.11	1400		
Source Flux	1430lm	2	2.21	350		
Fixture Flux	1188lm	3	3.32	156		
Efficacy	88lm/W	4	4.43	88		
TS1067	I _{max} =1001cd/klm	I _{max}	1432cd	5	5.53	56

Driver	Colour	3000K	4000K
EL.	○	1T6567EL	1T6568EL
EL.	●	1T6569EL	1T6570EL
DALI	○	1T6567DA	1T6568DA
DALI	●	1T6569DA	1T6570DA

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Related codes

Decorative Ring

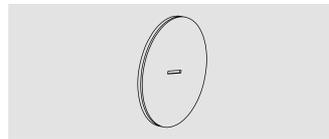


Ø	Colour	Code
146		1T6579
146		1T6580

Round ring.

Accessories

Filter



Code
1T6572

Blade of light filter.
Methacrylate holographic filter.
This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.
To be completed with a dedicated holder ring.

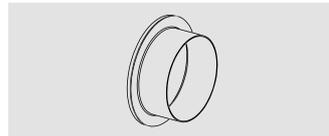
Grid



Colour	Code
	1T6573

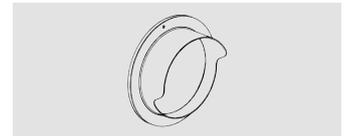
Anti-glare louver.
Black lacquered aluminium honeycomb structure.
To be completed with a dedicated holder ring.
Not to be used with NSP and SP optics.

Cut-off



Colour	Code
	1T6574

Black painted steel cut-off.
To be completed with a dedicated holder ring.



Colour	Code
	1T6575

Black painted steel asymmetric cut-off.
To be completed with a dedicated holder ring.

Ray Shade



Colour	Code
	1T6576

Adjustable barn doors flaps made of black painted steel.
To be completed with a dedicated holder ring.

Holder Ring



Colour	Code
	1T6571

Black painted aluminium accessory holder ring.

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Control systems



Code

1T5349

Wireless control unit for DALI fixtures.

It generates a local DALI bus that can control individual fixtures.

The module can be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 4.0 technology.

The devices create a wireless mesh network that can control up to 128 fixtures.

IP20.

LxHxP=56.5x22.3x35.8mm.



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.



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".

