

# Projectors

## VOLTA



TARGETTI

# VOLTA

## GENERAL INFO

Professional adjustable LED projector for wall or cornice installation.  
184mmx86,5mm

## LED

Elliptical and asymmetrical optic:  
LED Chip on board  
NSP optic: LED Emitter  
From 650lm to 4373lm  
3000K  
Ra80

## PRODUCT EFFICACY

Up to 105lm/W

## OPTICS

NSP – ASYM – ELLIPTICAL

## POWER SUPPLY

Electronic – DALI  
Casambi control system available using a dedicated accessory (only with DALI driver).

## MATERIAL

Body in extruded anodized aluminium, optic unit and terminal in die cast powder coated aluminium. Ultra flat protection screen in tempered glass. Bracket in stainless steel predisposed for surface installation.

## ON DEMAND



Easy Custom Colour



110-277Vac  
power supply

Professional adjustable LED projector for wall or cornice installation, particularly suitable for lighting historical buildings of great artistic value.

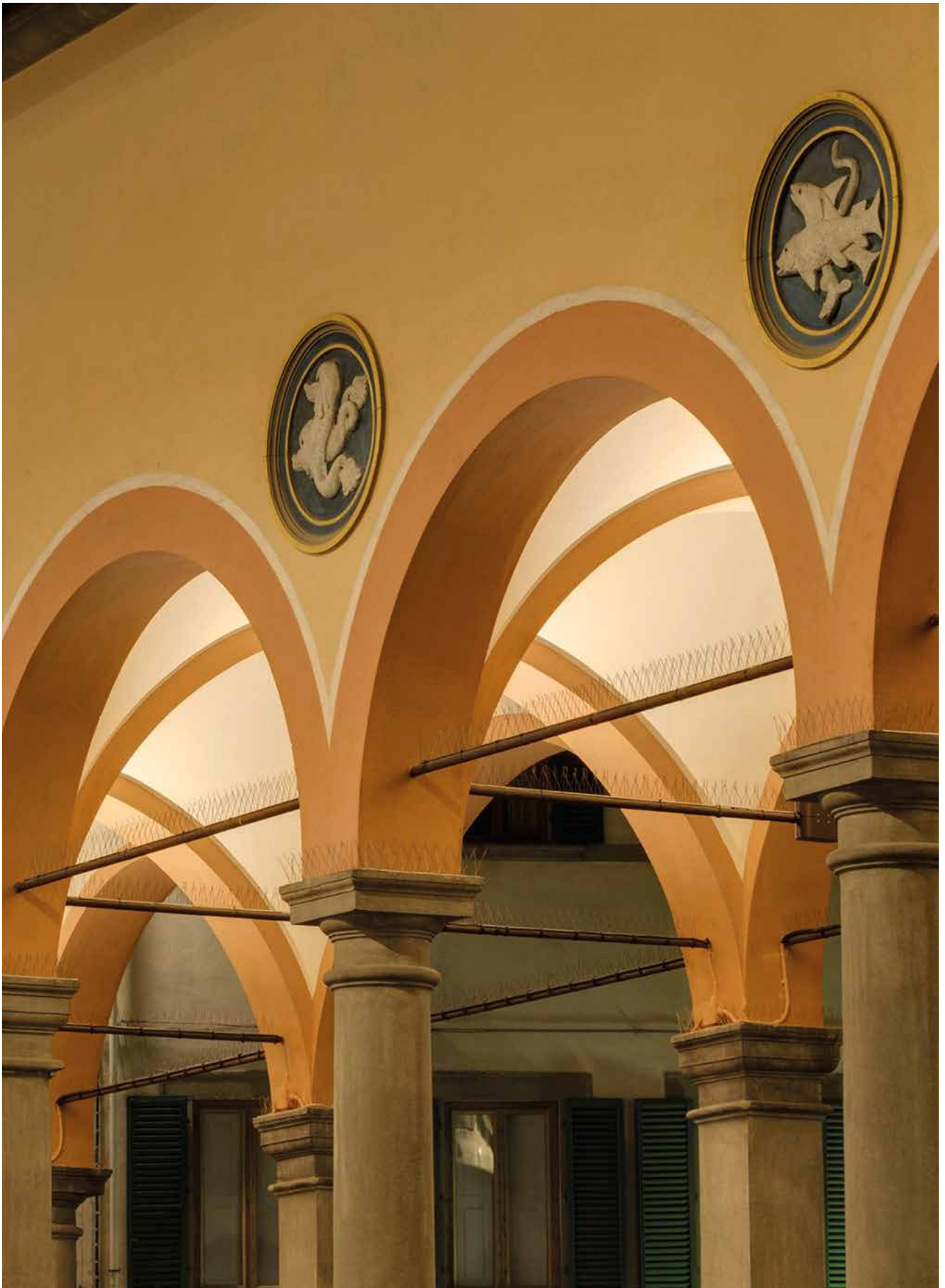
It can be installed on cornices for lighting vaulted ceilings or pedestrian areas. Available in various colour variants that have been carefully studied to insert the fixture into historical architectural contexts.

All versions can be installed indoor as well as outdoor (IP66).

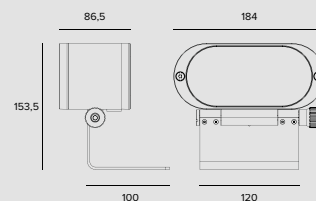
To be completed with an electronic or DALI remote power supply.



Indoor



# VOLTA



## LED / 8W / NSP



	3000K	H(m)	D(m)	Emax(lx)
Ra80			9°	
Fixture Power	8W	1	0.16	13011
Source Flux	650lm	2	0.32	3253
Fixture Flux	531lm	3	0.48	1446
Efficacy	66lm/W	4	0.64	813
TS880	Imax=20017cd/klm	Imax	13011cd	520

Power supply	Colour	3000K
900mA		<b>1T4632</b>
900mA		<b>1T4633</b>
900mA		<b>1E2565</b>
900mA		<b>1E2566</b>

## LED / 21/33W / ASYM



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			61°	86°	
Fixture Power	21W	1	1.51	1.98	1354
Source Flux	3187lm	2	3.01	3.96	339
Fixture Flux	2304lm	3	4.52	5.94	150
Efficacy	110lm/W	4	6.02	7.91	85
TS881	Imax=464cd/klm	Imax	1480cd	5	7.53

Power supply	Colour	3000K
600/900mA		<b>1T4634</b>
600/900mA		<b>1T4635</b>
600/900mA		<b>1E2567</b>
600/900mA		<b>1E2568</b>

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			61°	86°	
Fixture Power	33W	1	1.51	1.98	1859
Source Flux	4373lm	2	3.01	3.96	465
Fixture Flux	3162lm	3	4.52	5.94	207
Efficacy	96lm/W	4	6.02	7.91	116
TS881	Imax=464cd/klm	Imax	2031cd	5	7.53

## LED / 21/33W / ELLIPTICAL



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			42°	79°	
Fixture Power	21W	1	0.76	1.66	2266
Source Flux	3187lm	2	1.52	3.31	567
Fixture Flux	2530lm	3	2.28	4.97	252
Efficacy	120lm/W	4	3.04	6.62	142
TS882	Imax=711cd/klm	Imax	2266cd	5	3.80

Power supply	Colour	3000K
600/900mA		<b>1T4636</b>
600/900mA		<b>1T4637</b>
600/900mA		<b>1E2569</b>
600/900mA		<b>1E2570</b>

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			42°	79°	
Fixture Power	33W	1	0.76	1.66	3110
Source Flux	4373lm	2	1.52	3.31	777
Fixture Flux	3471lm	3	2.28	4.97	346
Efficacy	105lm/W	4	3.04	6.62	194
TS882	Imax=711cd/klm	Imax	3110cd	5	3.80

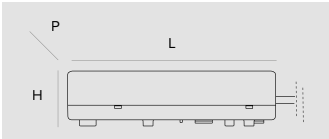
## Note

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.

# VOLTA

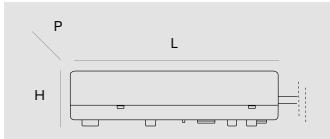
## Related codes

### Power Supply



Dimensions LxHxP	W	Power supply	Output current	IP	Code
160x35x83	32W	110-240Vac	600mA	IP20	<b>1T3625</b>
106x26x53	max 43W	220-240Vac	600mA	IP68	<b>1E2571</b>
160x35x83	max 50W	220-240Vac	900mA	IP20	<b>1T2966</b>
127x31x80	max 50W	220-240Vac	900mA	IP68	<b>1E2573</b>

Electronic power supply.



Dimensions LxHxP	W	Power supply	Output current	IP	Code
160x35x83	32W	110-240Vac	600mA	IP20	<b>1T3627</b>
106x26x53	max 43W	220-240Vac	600mA	IP68	<b>1E2572</b>
160x35x83	max 50W	110-240Vac	900mA	IP20	<b>1T2968</b>
150x40x148	max 50W	220-240Vac	900mA	IP68	<b>1E2574</b>

DALI power supply.

### Note

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

## Accessories

### Filter



	Colour	Code
		<b>1T4638</b>
		<b>1T4639</b>
		<b>1E2575</b>
		<b>1E2576</b>

Blade of light filter.  
PMMA holographic filter for a blade of light effect, CNC machine anodised and powder coated aluminium frame.  
To be used with NSP optics.



	Colour	Code
		<b>1T4640</b>
		<b>1T4641</b>
		<b>1E2577</b>
		<b>1E2578</b>

Anti-glare.  
PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.  
To be used with NSP, ASYM and ELLIPTICAL optics.

### Screen



	Colour	Code
		<b>1T4642</b>
		<b>1T4643</b>
		<b>1E2579</b>
		<b>1E2580</b>

Asymmetric screen.  
Powder coated stainless steel.  
To be used with NSP, EFFECT and ELLIPTICAL optics.

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.



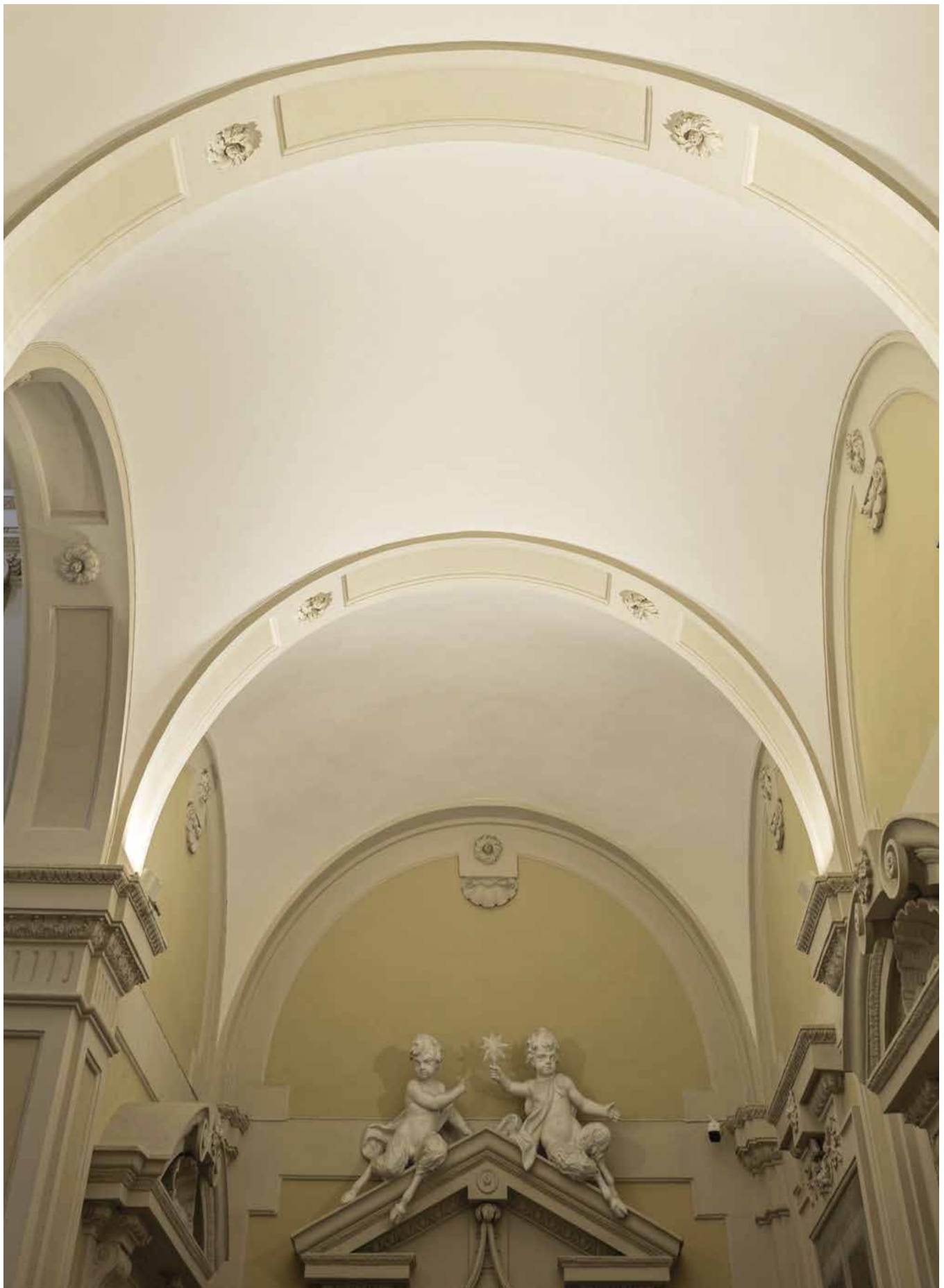
Code
1T5352
IP20 Extender for wireless control of DALI fixtures. It generates a local DALI bus with the capacity to drive up to 64 fixtures. Can control DALI fixtures in indoor applications via the Casambi application. It is also equipped with a relay that can control non-dimmable fixtures up to a maximum of 6A. LxHxP=129x30x42mm.



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	<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 $Ra_{\text{---}}$ 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".

