

**Projectors**

**ZENO**
















**TARGETTI**



The Zeno range of professional projectors has evolved and been renewed. Today the design of the range is even more elegant and discrete thanks to the use of retractable adapters, and the performance is improved thanks to the use of next generation LED sources and the range of optics available has been expanded. Specially designed for professional lighting they are ideal for museum, hospitality and retail environments thanks to the quality of the sources and the range of professional optical systems.

# ZENO

|   |   |   |   |  |   |
|---|---|---|---|--|---|
|  |  |  |  |                           |  |
| Track   | Accent  | Soft controlled   | Wall washer   | 3000K  | 4000K   |
| INSTALLATION  |   | LIGHT   |   | COLOUR TEMPERATURE   |   |
|  |  |  |  |                           |  |
| On-Off  | Dali  | Casambi   | 220-240V  | White  | Black   |
| CONTROL   |   | POWER SUPPLY  |   | FINISH   |   |
|   |   |   |   | <br>Easy Custom Colours |   |
|   |   |   |   | 3500K<br>110-277Vac power supply   |   |
|   |   |   |   | ON REQUEST   |   |



**Ø 105mm**

**Power**

From 11W to 19W

**Beam opening**

Narrow Spot

Spot

Flood

Medium Wide Flood

**Control**

ON-OFF

DALI

Casambi



ZENO is available in three different sizes  
- Ø105mm, Ø130mm, Ø180mm all with a  
minimal design, cutting edge optical systems  
and high quality LED sources.

**Ø 130mm**

**Power**  
From 25W to 29W

**Beam opening**  
Narrow Spot  
Spot  
Flood  
Medium Wide Flood  
Zoom  
Wall Washer

**Control**  
ON-OFF  
DALI  
Casambi

**Ø 180mm**

**Power**  
From 30W to 43W  
HO version from 57W to 58W

**Beam opening**  
Narrow Spot  
Spot  
Flood  
Wide Flood  
Wall Washer

**Control**  
ON-OFF  
DALI  
Casambi





#### **Spot and Flood Optics**

The optical system with lenses Zeno is equipped with makes it possible to obtain precise beams with fall-off reduced to a minimum, particularly ideal for museum lighting. It is possible to choose from various emissions from Narrow Spot (only for the ø105mm version) to Spot. and Flood.



#### **Narrow Spot Comfort**

In the Zeno ø130mm and ø180mm sizes the Narrow Spot version is equipped with an indirect light Comfort optical system that makes it possible to obtain an extremely precise and defined narrow (9°) beam opening. The source is hidden from view and facing the reflector. This makes Zeno ideal for museum lighting or where it is necessary to have narrow beams with fall-off reduced to a minimum.

The Zeno range features cutting edge optical systems all developed inside the Targetti Optic Division.



#### **Precision Zoom Optic**

Zeno ø130mm with the Zoom optical system is the ideal system to change the beam when needed in manual mode. A single optical system makes it possible to have a variable beam with continuity from Spot to Flood.



#### **Wall Washer Optic**

The wall washer optic makes it possible to light wide vertical surfaces in a homogeneous and precise way. The optical system was developed to ensure maximum lighting uniformity across the entire vertical surface with a large pitch between fixtures.

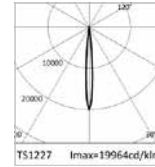






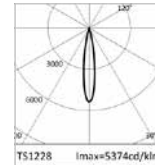
**Ø180**  
Up to 103lm/W  
From 1807lm to 4970lm  
3000K - 4000K  
Ra90

**INDIRECT**

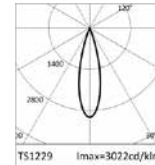


NSP 9°

**HYBRID**

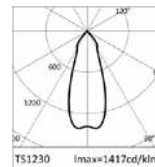


SP 17°

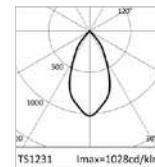


FL 27°

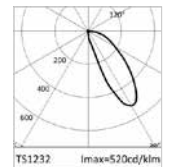
**REFLECTOR**



FL 38°



WFL 52°

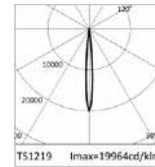


WW



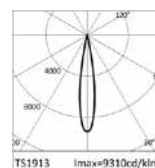
**Ø130**  
Up to 93lm/W  
From 525lm to 2527lm  
3000K - 4000K  
Ra90

**INDIRECT**

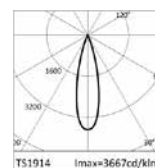


NSP 9°

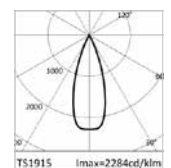
**LENS**



SP 17°

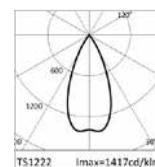


FL 26°

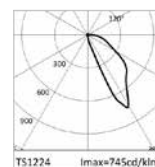


FL 36°

**REFLECTOR**



MWFL 46°

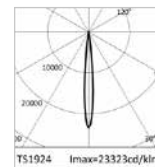


WW

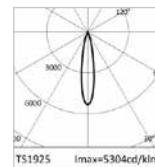


**Ø105**  
Up to 109lm/W  
From 827lm to 1909lm  
3000K - 4000K  
Ra90

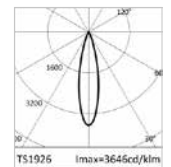
**LENS**



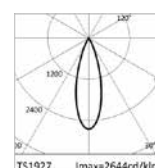
NSP 10°



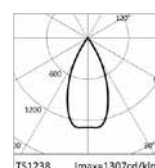
SP 19°



FL 24°



FL 31°



REFLECTOR  
MWFL 48°

\* The luminous flux and efficiency (fixture) figures on this page refer to the 3000K LED.

Black painted steel cut-off



Adjustable barn door flaps

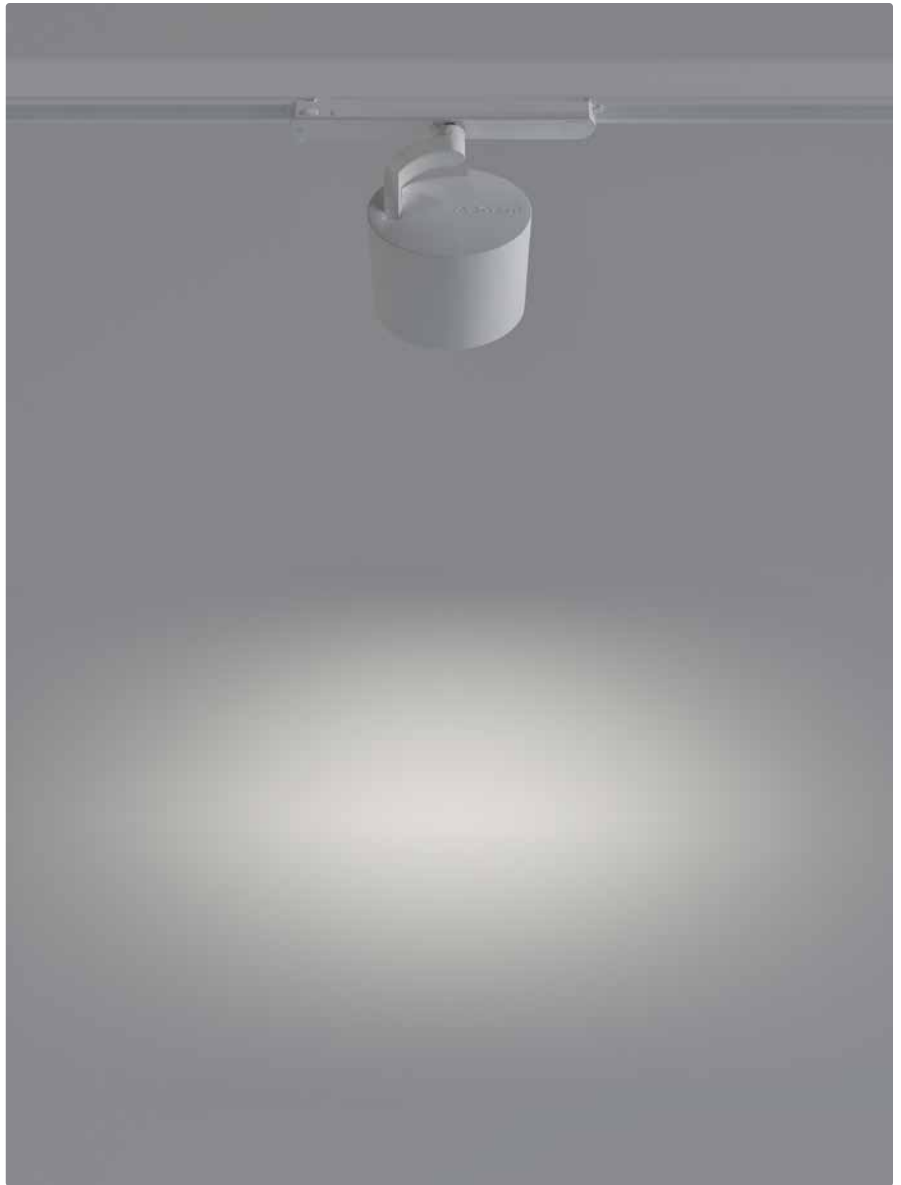


Anti-glare louver

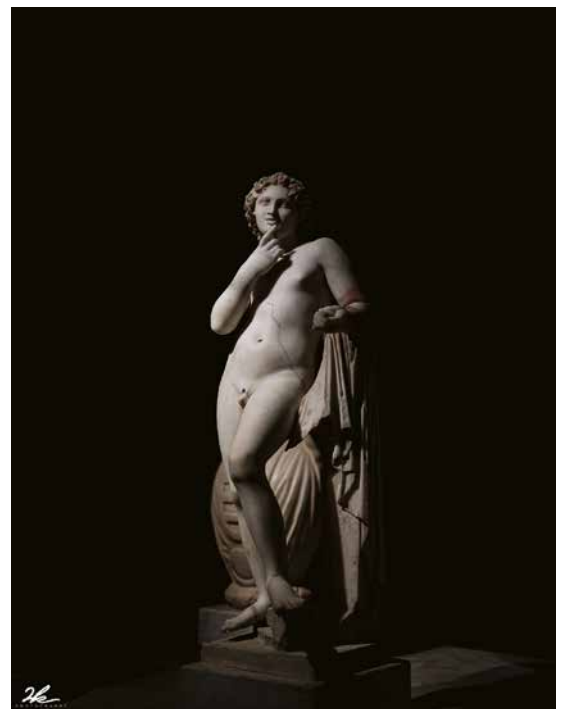


Black painted steel asymmetric cut-off





Available as an accessory for versions with Spot and Flood optics, the Oval filter makes it possible to create a soft elliptical effect.



## Optical accessories

Versions with optics Spot and Flood are equipped with different accessories to shape the light and customise it according to project needs.



## Control system

ZENO projectors can be controlled in various ways. ON-OFF, DALI or Casambi. The Casambi application makes it possible to control the light fixtures on a track individually or in groups, creating and recalling bright, even dynamic, lighting scenes.



### ON — OFF

Turning the projectors on the same track circuit on and off.



### DALI

Individual control of each light unit with the possibility of dimming.



### CASAMBI

The projectors are already equipped with a Casambi unit and can be controlled using the Casambi app.



## ZENO 180

220-240Vac | Ra90 | Fixture flux 3000K from 1807lm to 3980lm



| Product | Optic                    | Ra+K       |            | Driver    |         | Colour      |
|---------|--------------------------|------------|------------|-----------|---------|-------------|
| T037    | <b>NSI</b> NSP 9° - 30W  | <b>930</b> | Ra90 3000K | <b>EL</b> | ON-OFF  | <b>PW</b> ○ |
|         | <b>SPH</b> SP 17° - 42W  | <b>940</b> | Ra90 4000K | <b>DA</b> | DALI    | <b>DB</b> ● |
|         | <b>MFH</b> FL 27° - 42W  |            |            | <b>CA</b> | CASAMBI |             |
|         | <b>FLR</b> FL 38° - 42W  |            |            |           |         |             |
|         | <b>WFR</b> WFL 52° - 42W |            |            |           |         |             |
|         | <b>WWR</b> WW - 43W      |            |            |           |         |             |

**Note** Accessory codes on page 15.

## ZENO 180 | HO

220-240Vac | Ra90 | Fixture flux 3000K from 2837lm to 4970lm

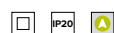


| Product | Optic                    | Ra+K       |            | Driver    |        | Colour      |
|---------|--------------------------|------------|------------|-----------|--------|-------------|
| T043    | <b>SPH</b> SP 17° - 57W  | <b>930</b> | Ra90 3000K | <b>EL</b> | ON-OFF | <b>PW</b> ○ |
|         | <b>MFH</b> FL 27° - 57W  | <b>940</b> | Ra90 4000K |           |        | <b>DB</b> ● |
|         | <b>FLR</b> FL 38° - 57W  |            |            |           |        |             |
|         | <b>WFR</b> WFL 52° - 57W |            |            |           |        |             |
|         | <b>WWR</b> WW - 58W      |            |            |           |        |             |

**Note** Accessory codes on page 15.

## ZENO 130

220-240Vac | Ra90 | Fixture flux 3000K from 1520lm to 2527lm

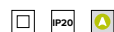


| Product | Optic                     | Ra+K       |            | Driver    |         | Colour      |
|---------|---------------------------|------------|------------|-----------|---------|-------------|
| T039    | <b>NSI</b> NSP 9° - 25W   | <b>930</b> | Ra90 3000K | <b>EL</b> | ON-OFF  | <b>PW</b> ○ |
|         | <b>SPL</b> SP 17° - 29W   | <b>940</b> | Ra90 4000K | <b>DA</b> | DALI    | <b>DB</b> ● |
|         | <b>MFL</b> FL 26° - 29W   |            |            | <b>CA</b> | CASAMBI |             |
|         | <b>FLL</b> FL 36° - 29W   |            |            |           |         |             |
|         | <b>MWR</b> MWFL 46° - 29W |            |            |           |         |             |
|         | <b>WWR</b> WW - 29W       |            |            |           |         |             |

**Note** Accessory codes on page 15.

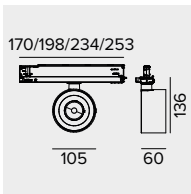
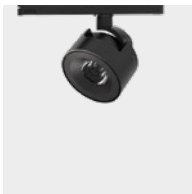
## ZENO 130 Zoom

220-240Vac | Ra90 | Fixture flux 3000K from 525lm to 1187lm



| Product | Optic                          | Ra+K       |            | Driver    |         | Colour      |
|---------|--------------------------------|------------|------------|-----------|---------|-------------|
| T039    | <b>ZMP</b> SP-FL 11°/31° - 29W | <b>930</b> | Ra90 3000K | <b>EL</b> | ON-OFF  | <b>PW</b> ○ |
|         |                                | <b>940</b> | Ra90 4000K | <b>DA</b> | DALI    | <b>DB</b> ● |
|         |                                |            |            | <b>CA</b> | CASAMBI |             |

**ZENO 105**  
220-240Vac | Ra90 | Fixture flux 3000K from 827lm to 1909lm



| Product | Optic                     | Ra+K       |            | Driver    |         | Colour    |   |
|---------|---------------------------|------------|------------|-----------|---------|-----------|---|
| T041    | <b>NSL</b> NSP 10° - 11W  | <b>930</b> | Ra90 3000K | <b>EL</b> | ON-OFF  | <b>PW</b> | ○ |
|         | <b>SPL</b> SP 19° - 19W   | <b>940</b> | Ra90 4000K | <b>DA</b> | DALI    | <b>DB</b> | ● |
|         | <b>MFL</b> FL 24° - 19W   |            |            | <b>CA</b> | CASAMBI |           |   |
|         | <b>FLL</b> FL 31° - 19W   |            |            |           |         |           |   |
|         | <b>MWR</b> MWFL 48° - 19W |            |            |           |         |           |   |

**Note** Accessory codes on page 16.

**Accessory codes**  
**ZENO 180**

| Filter | Code   | Grid | Colour | Code   |
|--------|--|------|--------|--|
|        | <b>1T6054</b><br>Blade of light filter.<br>Methacrylate holographic filter.<br>This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.<br>To be completed with a dedicated holder ring.<br>It cannot be used with NSP and Wall Washer optics. |      | ●      | <b>1T6055</b><br>Anti-glare louver.<br>Black lacquered aluminium honeycomb structure.<br>To be completed with a dedicated holder ring.<br>It cannot be used with NSP and Wall Washer optics. |

| Cut-off | Colour | Code   | Colour | Code  |
|---------|--------|--|--------|---|
|         | ●      | <b>1T6056</b><br>Black painted steel cut-off.<br>To be completed with a dedicated holder ring.<br>It cannot be used with NSP and Wall Washer optics. | ●      | <b>1T6057</b><br>Black painted steel asymmetric cut-off.<br>To be completed with a dedicated holder ring.<br>It cannot be used with NSP and Wall Washer optics. |

| Ray Shade | Colour | Code   | Holder Ring | Colour | Code                           |
|-----------|--------|--|-------------|--------|--------------------------------|
|           | ●      | <b>1T6058</b><br>Adjustable barn doors flaps made of black painted steel.<br>To be completed with a dedicated holder ring.<br>They cannot be used with NSP and Wall Washer optics. |             | ○<br>● | <b>1T6053</b><br><b>1T6500</b> |

**Accessory codes**  
**ZENO 130**

| Filter | Code   | Grid | Colour | Code   |
|--------|--|------|--------|--|
|        | <b>1T6060</b><br>Blade of light filter.<br>Methacrylate holographic filter.<br>This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.<br>To be completed with a dedicated holder ring.<br>It cannot be used with NSP and Wall Washer optics. |      | ●      | <b>1T6061</b><br>Anti-glare louver.<br>Black lacquered aluminium honeycomb structure.<br>To be completed with a dedicated holder ring.<br>It cannot be used with NSP and Wall Washer optics. |



| Cut-off | Colour | Code   | Colour | Code  |
|---------|--------|--|--------|---|
|         | ●      | <b>1T6062</b><br>Black painted steel cut-off.<br>To be completed with a dedicated holder ring.<br>It cannot be used with NSP and Wall Washer optics. | ●      | <b>1T6063</b><br>Black painted steel asymmetric cut-off.<br>To be completed with a dedicated holder ring.<br>It cannot be used with NSP and Wall Washer optics. |






Accessory codes  
ZENO 130

Accessory codes

Ray Shade


|   | Colour  | Code   |
|---|---|--------|
|    |  | 1T6064 |
|   |   |        |
| Adjustable barn doors flaps made of black painted steel.<br>To be completed with a dedicated holder ring.<br>They cannot be used with NSP and Wall Washer optics. |   |        |

Holder Ring



|   | Colour  | Code   |
|---|---|--------|
|  |  | 1T6059 |
|   |  | 1T6501 |
| Black painted aluminium accessory holder ring.                                    |   |        |

Accessory codes  
ZENO 105



Filter



|   | Code   |
|---|--------|
|    | 1T6572 |
|   |        |
| Blade of light filter.<br>Methacrylate holographic filter.<br>This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.<br>To be completed with a dedicated holder ring. |        |

Grid



|   | Colour  | Code   |
|---|---|--------|
|                                      |  | 1T6573 |
|   |   |        |
| Anti-glare louver.<br>Black lacquered aluminium honeycomb structure.<br>To be completed with a dedicated holder ring. |   |        |

Cut-off



|  | Colour   | Code   |
|--|--|--------|
|  |  | 1T6574 |
|  |  |        |
| Black painted steel cut-off.<br>To be completed with a dedicated holder ring.      |  |        |

|  | Colour   | Code   |
|--|--|--------|
|        |  | 1T6575 |
|  |  |        |
| Black painted steel asymmetric cut-off.<br>To be completed with a dedicated holder ring. |  |        |




Ray Shade

|   | Colour  | Code   |
|---|---|--------|
|                        |  | 1T6576 |
|   |   |        |
| Adjustable barn doors flaps made of black painted steel.<br>To be completed with a dedicated holder ring. |   |        |

Holder Ring

|   | Colour  | Code   |
|---|---|--------|
|  |  | 1T6571 |
|   |   |        |
| Black painted aluminium accessory holder ring.                                      |   |        |

Bracket

|  | Colour  | Code   |
|--|---|--------|
|   |  | A058PW |
|  |  | A058DB |
| Rigid support bracket for projectors with Eurostandard Plus track attachment.<br>For compatibility and use please refer to the assembly instructions for the projectors.<br>For installation of Zeno 105 projectors on wall vertical tracks. |   |        |







**TARGETTI SANKEY Srl**  
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.

#### **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.



Targetti offers a five years warranty on the products that use LED light sources included in the Catalogues (unless otherwise specified).

The extension of guarantee does not apply to products with traditional light bulbs, to all the products for light management and control systems, both by Targetti and those by third parties, or to Targetti products fitted with 230V LED modules. For products fitted with traditional bulbs / LED bulbs, the warranty extension is valid only for the lighting product. The five years warranty is valid from the invoice date and covers any manufacturing and/or material defect found in products, if they are used in accordance with their intended use. The warranty terms are available on the Extension of guarantee.









#### **Consorzio ecolight**

Targetti Sankey Srl 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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## 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 .<br>Protection degree - Exposed part.  |
|  | Impact protection degree.   |
|  | ENEC<br>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). |
|  | Casambi with accessories  |
|  | Casambi ready   |
|  | DMX on board  |
|  | DBS (Dynamic Beam Shaping) optic system   |

## Light beam apertures

| Optics | Optic description      | from | to   |
|--------|------------------------|------|------|
| NSP    | Narrow Spot            | 5°   | 10°  |
| SP     | Spot                   | 11°  | 21°  |
| FL     | Flood                  | 22°  | 40°  |
| MWFL   | Medium Wide Flood      | 41°  | 50°  |
| WFL    | Wide Flood             | 51°  | 70°  |
| VWFL   | Very Wide Flood        | 71°  | 120° |
| WW     | Wall Washer            |      |      |
| ASY    | Asymmetric             |      |      |
| FW     | Floor Washer           |      |      |
| ELL    | Elliptical             |      |      |
| ELT    | Elliptical Transversal |      |      |
| AMB    | Ambient                |      |      |
| OPL    | Opal                   |      |      |
| GRZ    | Grazing                |      |      |
| UGR    | UGR                    |      |      |
| ZOOM   | Zoom                   |      |      |
| DBS    | Dynamic Beam Shaping   |      |      |

### 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".

