

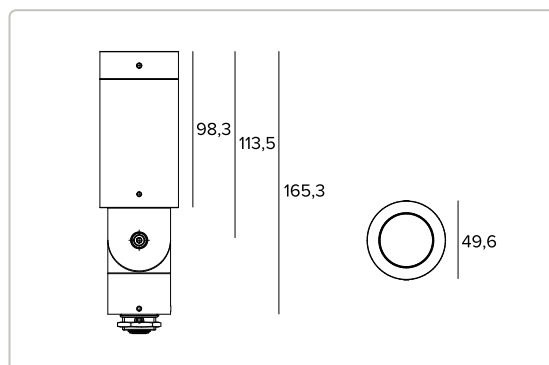
## PROJECTORS

## Jupiter Pro

Code

1E378290

| LIGHT COLOUR         | LIGHT DISTRIBUTION                                                                | OUTPUT           |
|----------------------|-----------------------------------------------------------------------------------|------------------|
| 2700K<br>90          | Multioptic<br>15°, 24°, 31°, 44°                                                  | 12W<br>634-679lm |
| POWER SUPPLY CONTROL | COLOUR                                                                            |                  |
| 24Vdc                |  |                  |



The figures on the drawing are expressed in mm.

The fixture's photometric values  
can be found on the following pages

## Technical Data

## Concept

Professional adjustable LED projector.

## Source

Emitter Ra90.

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | F               |
| Nominal power           | 10,3W           |
| Nominal flux            | 908lm           |
| Colour rendering index  | 90              |
| CCT nominal             | 2700K           |
| Lifetime (L80/B10)      | 72000h tq +25°C |
| Lifetime (L90/B10)      | 60000h tq +25°C |

**TARGETTI**

CCIAA Firenze  
Share Capital: € 500.000,00  
VAT N. (IT): 01537660480  
R.E.A: FI-275656

Targetti Sankey S.r.l.  
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Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.  
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

## Technical Data

### Illuminotechnical characteristics

Multi-optic version: SP, FL, and MWFL - tool-free accessible optical compartment with IP66 protection rating, even removing the front piece. Equipped with PMMA lens and interchangeable holographic filters with different degrees of diffusion to obtain the different apertures available.

|                        |                                   |
|------------------------|-----------------------------------|
| Optic                  | Multioptic                        |
| Beam angles            | SP, FL, MWFL                      |
| Optical efficiency     | See photometries                  |
| Fixture flux           | See photometries                  |
| Luminous efficacy      | See photometries                  |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Frame and joint in aluminium with CNC machining, anodised and painted.  $\pm 360^\circ$  rotation on the horizontal plane and  $180^\circ$  on the vertical plane.

|                       |                                 |
|-----------------------|---------------------------------|
| Colour and finish     | Bronze                          |
| Dimensions            | $\varnothing \times H$ 50x166mm |
| Weight                | 0.62Kg                          |
| Degree of protection  | IP66                            |
| Mechanical Resistance | IK08                            |

### Electrical characteristics

24V resin driver card built into the product. Pre-wired with 3m of 2-pole 18AWG cable with built-in acquastop device.

|                     |               |
|---------------------|---------------|
| Fixture Power       | 12W           |
| Power supply        | 24Vdc         |
| Insulation Class    | CLASS 3       |
| Driver included     | NO            |
| Ambient temperature | -25°C / +35°C |

### Installation

Joint at the base of the product equipped with hexagonal socket screw for positioning. The product may be installed using our accessories: plate for mounting on surfaces or spike for in-ground installation. It is also possible to install the product with any other support with a G ½ shank hole.

### Notes

Dimmable with a special accessory kit. Casambi control system available using a dedicated accessory (only with DALI dimmer). Uses the "Waterblock Smart" technical solution that involves resin coating the connection cables, limiting the risk of humidity reaching the driver or the fixture. 110-277Vac version available on request. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

### Regulations and Certifications

CE

### Warranty

5 years.

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**Technical Data****Warning**

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional.

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## Photometries

SP

Fixture flux

679lm

Luminous efficacy

57lm/W

Optical efficiency

74.76%

8000

30°

120°

30°

TS1405

I<sub>max</sub>=7292cd/klm

|                  |        |   |      |      |
|------------------|--------|---|------|------|
| Source Flux      | 908lm  | 2 | 0.54 | 1656 |
| Fixture Flux     | 679lm  | 3 | 0.81 | 736  |
| Efficacy         | 57lm/W | 4 | 1.08 | 414  |
| I <sub>max</sub> | 6624cd | 5 | 1.35 | 265  |

FL / 24

Fixture flux

642lm

Luminous efficacy

53lm/W

Optical efficiency

70.7%

120°

60°

30°

30°

1400

2800

30°

120°

TS1406

I<sub>max</sub>=2883cd/klm

|                  |        |      |          |      |
|------------------|--------|------|----------|------|
| 2700K            | H(m)   | D(m) | Emax(lx) |      |
| Ra90             |        | 24°  |          |      |
| Fixture Power    | 12W    | 1    | 0.43     | 2618 |
| Source Flux      | 908lm  | 2    | 0.85     | 655  |
| Fixture Flux     | 642lm  | 3    | 1.28     | 291  |
| Efficacy         | 54lm/W | 4    | 1.71     | 164  |
| I <sub>max</sub> | 2618cd | 5    | 2.14     | 105  |

FL / 31

Fixture flux

648lm

Luminous efficacy

54lm/W

Optical efficiency

71.31%

120°

60°

30°

30°

1000

2000

30°

120°

TS1407

I<sub>max</sub>=1916cd/klm

|                  |        |      |          |      |
|------------------|--------|------|----------|------|
| 2700K            | H(m)   | D(m) | Emax(lx) |      |
| Ra90             |        | 31°  |          |      |
| Fixture Power    | 12W    | 1    | 0.55     | 1741 |
| Source Flux      | 908lm  | 2    | 1.09     | 435  |
| Fixture Flux     | 648lm  | 3    | 1.64     | 193  |
| Efficacy         | 54lm/W | 4    | 2.18     | 109  |
| I <sub>max</sub> | 1741cd | 5    | 2.73     | 70   |

MWFL

Fixture flux

634lm

Luminous efficacy

53lm/W

Optical efficiency

69.81%

120°

60°

30°

30°

500

1000

30°

120°

TS1408

I<sub>max</sub>=1009cd/klm

|                  |        |      |          |     |
|------------------|--------|------|----------|-----|
| 2700K            | H(m)   | D(m) | Emax(lx) |     |
| Ra90             |        | 44°  |          |     |
| Fixture Power    | 12W    | 1    | 0.82     | 916 |
| Source Flux      | 908lm  | 2    | 1.63     | 229 |
| Fixture Flux     | 634lm  | 3    | 2.45     | 102 |
| Efficacy         | 53lm/W | 4    | 3.27     | 57  |
| I <sub>max</sub> | 916cd  | 5    | 4.08     | 37  |

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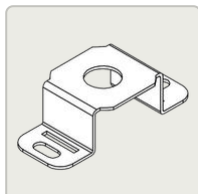
## Related codes

## Mounting System



| CODE     | COLOUR | H     | Ø    |
|----------|--------|-------|------|
| 1E3785BT | ●      | 232mm | 50mm |
| 1E3803   | ●      | 232mm | 50mm |

Earthspike.  
Powder coated stainless steel.



| CODE   | COLOUR |
|--------|--------|
| 1E3804 | ●      |

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

## Power Supply



| CODE     | IP   | OUTPUT VOLTAGE | POWER SUPPLY | POWER | LXHXP       |
|----------|------|----------------|--------------|-------|-------------|
| 1E4397EL | IP68 | 24Vdc          | 220-240Vac   | 17W   | 122x26x54mm |

Electronic ON-OFF power supply.



| CODE   | IP   | OUTPUT VOLTAGE | POWER SUPPLY | POWER | LXHXP       |
|--------|------|----------------|--------------|-------|-------------|
| 1T3726 | IP20 | 24Vdc          | 220-240Vac   | 50W   | 185x22x64mm |
| 1T3586 | IP67 | 24Vdc          | 220-240Vac   | 75W   | 140x32x63mm |
| 1T3587 | IP67 | 24Vdc          | 220-240Vac   | 100W  | 230x87x43mm |
| 1T3588 | IP67 | 24Vdc          | 220-240Vac   | 200W  | 238x42x67mm |

Electronic ON-OFF power supply.

## Accessories

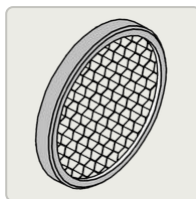
## Filter



| CODE   |
|--------|
| 1E3790 |

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

## Grid

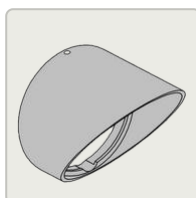


### CODE

**1E3792**

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

## Screen



### CODE

**1E3806**

### COLOUR



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

## Connector



### CODE

**1E2769**

Linear connection box IP66/IP68.  
5 poles max. wire section 1.5mm<sup>2</sup>.  
Cable diameter range from 7 to 12mm.



### CODE

**1E2494**

Multiple connection box IP68.  
1 IN - 3 OUT 4 poles max. wire section 2.5mm<sup>2</sup>.  
Cable diameter range from 6 to 12mm.

## Tool

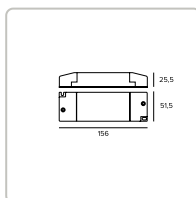


### CODE

**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**

IP67 wireless control unit with DALI interface.

It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network.

The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology.

The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures.

The control unit is preset to the DALI 1CH profile, meaning the device can control a single DALI driver with broadcast commands.

In addition to the DALI broadcast, other operating modes are available, such as:

- Button (normally open)
- Control unit 0/1-10V
- Control unit DALI Tunable White DT8
- Presence sensor

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.

LxHxP=108x28x65mm.

**CODE****1E4369**

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.

It has a DALI2 output with the capacity to control up to 40 lighting fixtures.

With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures.

IP67 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level.

In addition to the DALI broadcast other operating modes are available, such as:

- EXTENDER DALI 8CH
- EXTENDER DALI Tunable White
- EXTENDER DALI 4CH
- EXTENDER DALI DT8 Tunable White

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.

LxHxP=148x40x150mm.