PROJECTORS

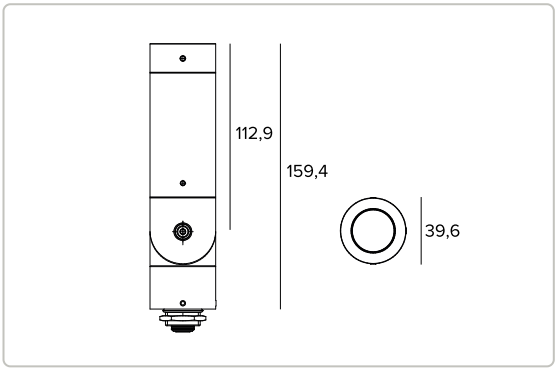
# Jupiter Pro Small



Code
**1E387590**

| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 4000K<br>90 | Multioptic<br>11°, 20°, 37° | 7.8W<br>321-407lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 24Vdc | |




The figures on the drawing are expressed in mm.

0.46 IP66 IK08 3M CE

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 | 5,7W |
| Nominal flux | 557lm |
| Colour rendering index | 90 |
| Rf | 93 |
| Rg | 101 |
| CCT nominal | 4000K |
| Lifetime (L80/B10) | 100000h tq +25°C |
| Lifetime (L90/B10) | 100000h tq +25°C |

TARGETTI

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

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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

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 apertures: SP, FL, and MWFL.

| | |
|---|---|
| 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. ±360° rotation on the horizontal plane and 180° on the vertical plane.

| | |
|---|---|
| Colour and finish | Ferrite |
| Dimensions | ØxH 40x460mm |
| Weight | 0.46Kg |
| 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 | 7.8W |
| 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.

## Technical Data

## Warning

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

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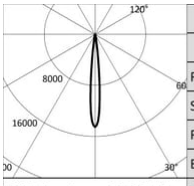
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# Photometries

## SP

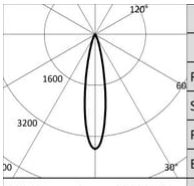
| | |
|---|---|
| **Fixture flux** | 407lm |
| **Luminous efficacy** | 52lm/W |
| **Optical efficiency** | 73.08% |




| 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 11° | |
| Fixture Power | 8W | 1 | 0.19 | 8075 |
| Source Flux | 557lm | 2 | 0.38 | 2019 |
| Fixture Flux | 407lm | 3 | 0.57 | 897 |
| Efficacy | 52lm/W | 4 | 0.75 | 505 |
| TS1401 Imax=14505cd/klm | Imax | 8075cd | 5 | 0.94 | 323 |

## FL

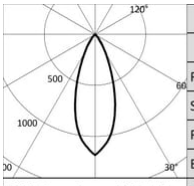
| | |
|---|---|
| **Fixture flux** | 356lm |
| **Luminous efficacy** | 46lm/W |
| **Optical efficiency** | 63.89% |




| 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 20° | |
| Fixture Power | 8W | 1 | 0.36 | 2000 |
| Source Flux | 557lm | 2 | 0.72 | 500 |
| Fixture Flux | 356lm | 3 | 1.08 | 222 |
| Efficacy | 46lm/W | 4 | 1.44 | 125 |
| TS1402 Imax=3593cd/klm | Imax | 2000cd | 5 | 1.80 | 80 |

## MWFL

| | |
|---|---|
| **Fixture flux** | 321lm |
| **Luminous efficacy** | 41lm/W |
| **Optical efficiency** | 57.61% |




| 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 37° | |
| Fixture Power | 8W | 1 | 0.68 | 657 |
| Source Flux | 557lm | 2 | 1.36 | 164 |
| Fixture Flux | 321lm | 3 | 2.04 | 73 |
| Efficacy | 41lm/W | 4 | 2.71 | 41 |
| TS1403 Imax=1180cd/klm | Imax | 657cd | 5 | 3.39 | 26 |

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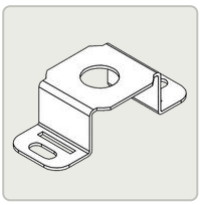
## Related codes

### Mounting System



| CODE | COLOUR | H | Ø |
|---|---|---|---|
| 1E3785 | | 232mm | 50mm |
| 1E3785BT | | 232mm | 50mm |

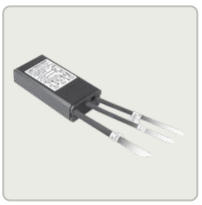
Earthspike.
Powder coated stainless steel.



| CODE | COLOUR |
|---|---|
| 1E3786 | |

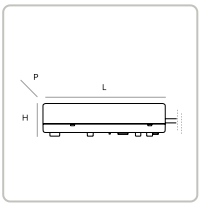
Plate for fixture rotation (surface installation).
Powder coated stainless steel.

### 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 |
|---|---|---|---|---|---|
| 1E4359 | IP67 | 24Vdc | 220-240Vac | 14,4W | 79x25x38mm |
| 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

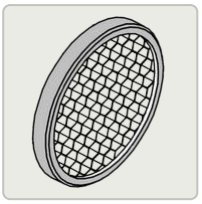
### Filter



| CODE |
|---|
| 1E3789 |

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

## Grid

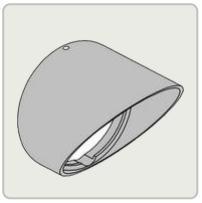


**CODE**

**1E3791**

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

## Screen



| CODE | COLOUR |
|---|---|
| 1E3787 | |

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

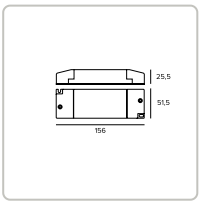


**CODE**

**1E3305**

Tightening wrench for the connector kit.

## Control systems




**CODE**

**1T6581**

Dimmer for 12-24Vdc constant voltage LED driver.
1-10V/DALI control input.
IP20



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**CODE**

**1E3048**

IP67 wireless control unit with DALI interface.
It generates a local DALI2 bus, enhabling 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, maning 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.



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