

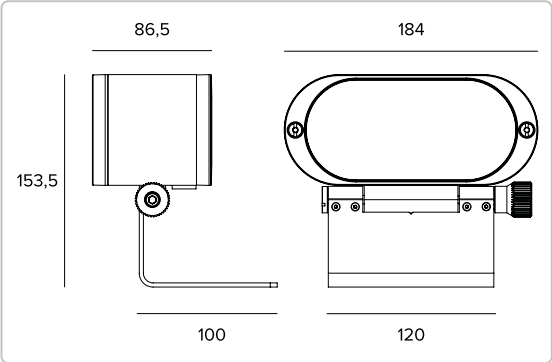
SURFACE PROJECTORS

PROJECTORS

Volta

Code  
IT4636

| LIGHT COLOUR         | LIGHT DISTRIBUTION                                                                | OUTPUT                  |
|----------------------|-----------------------------------------------------------------------------------|-------------------------|
| 3000K<br>80          | Elliptical<br>42° / 79°                                                           | 21-30.4W<br>2581-3770lm |
| POWER SUPPLY CONTROL | COLOUR                                                                            |                         |
| 600/900mA            |  |                         |



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 for wall or cornice installation.

Source

High efficiency Chip on Board LED Ra80.

|                         |                  |
|-------------------------|------------------|
| Energy efficiency class | D                |
| Nominal power           | 21/30W           |
| Nominal flux            | See photometries |
| Colour rendering index  | 80               |
| Rf                      | 83               |
| Rg                      | 96               |
| CCT nominal             | 3000K            |
| SDCM                    | 2                |
| Lifetime (L80/B10)      | 72000h tq +25°C  |
| Lifetime (L90/B10)      | 72000h 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

The optical system is equipped with a pure aluminium high luminous efficacy reflector.

|                        |                                   |
|------------------------|-----------------------------------|
| Optic                  | Elliptical                        |
| Optical efficiency     | 79.37%                            |
| Fixture flux           | See photometries                  |
| Luminous efficacy      | See photometries                  |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

Extruded anodized aluminium body, and die-cast powder coated aluminium optic unit and terminal. Passive heat sink cooling system. Ultra flat tempered glass protective screen. Stainless steel bracket predisposed for surface installation with screws and dowels (not provided). Adjustable optical unit +/-90° vertically with aiming system lockable using an Allen key.

|                       |                   |
|-----------------------|-------------------|
| Colour and finish     | Florentine white  |
| Dimensions            | AxBxH 184x80x87mm |
| Weight                | 2Kg               |
| Degree of protection  | IP66              |
| Mechanical Resistance | IK09              |

### Electrical characteristics

To be completed with IP20 electronic driver available in ON-OFF and dimmable DALI version for indoor use; with IP68 electronic ON-OFF and dimmable DALI for outdoor use equipped with sealed connectors preset for mains connection. Pre-wired with a H07RN-F 2x1.5mm<sup>2</sup> cable for connection to a remote driver.

|                     |                  |
|---------------------|------------------|
| Fixture Power       | See photometries |
| Power supply        | 600/900mA        |
| Insulation Class    | CLASS 3          |
| Driver included     | NO               |
| Ambient temperature | -25°C / +35°C    |

### Notes

Casambi control system available using a dedicated accessory (only with DALI driver). 110-277Vac version available on request. Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

### Warranty

5 years.

### Warning

Luminaire designed for disposal/recycling at end-of-life. Non-replaceable light source.

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Photometries

21W

|                   |         |
|-------------------|---------|
| Fixture Power     | 21W     |
| Nominal flux      | 3252lm  |
| Fixture flux      | 2581lm  |
| Luminous efficacy | 123lm/W |



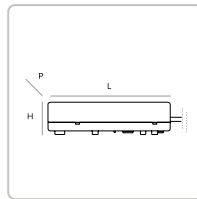
30W

|                   |         |
|-------------------|---------|
| Fixture Power     | 30.4W   |
| Nominal flux      | 4750lm  |
| Fixture flux      | 3770lm  |
| Luminous efficacy | 124lm/W |



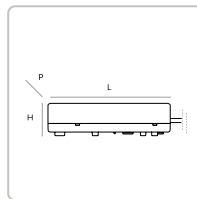
## Related codes

## Power Supply



| CODE   | IP   | OUTPUT CURRENT | POWER SUPPLY | POWER   | LXHXP       |
|--------|------|----------------|--------------|---------|-------------|
| 1T3625 | IP20 | 600mA          | 110-240Vac   | 32W     | 160x35x83mm |
| 1E2571 | IP68 | 600mA          | 220-240Vac   | max 43W | 106x26x53mm |
| 1T2966 | IP20 | 900mA          | 220-240Vac   | max 50W | 160x35x83mm |
| 1E2573 | IP68 | 900mA          | 220-240Vac   | max 50W | 127x31x80mm |

Electronic ON-OFF power supply.



| CODE   | IP   | OUTPUT CURRENT | POWER SUPPLY | POWER   | LXHXP        |
|--------|------|----------------|--------------|---------|--------------|
| 1T3627 | IP20 | 600mA          | 110-240Vac   | 32W     | 160x35x83mm  |
| 1E2572 | IP68 | 600mA          | 220-240Vac   | max 43W | 106x26x53mm  |
| 1T2968 | IP20 | 900mA          | 110-240Vac   | max 50W | 160x35x83mm  |
| 1E2574 | IP68 | 900mA          | 220-240Vac   | max 50W | 150x40x148mm |

DALI power supply.

## Accessories

## Filter



| CODE   | COLOUR |
|--------|--------|
| 1T4640 |        |

Anti-glare.

PMMA holographic filter to reduce the beam angle, CNC machine anodised and powder coated aluminium frame.

To be used with ASY and ELLIPTICAL optics.

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## Control systems



### CODE

**1T5349**

IP20 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=102x25x36mm.



### CODE

**2T0131**

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) 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.

IP20 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 0/1-10V
- 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=130x22x30mm.



### 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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