SURFACE PROJECTORS PROJECTORS

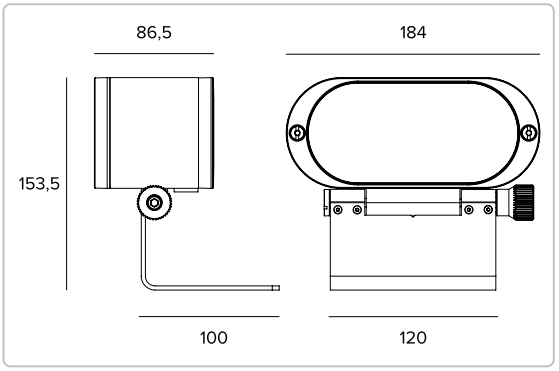
Volta



Code
1T4636

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 80	Elliptical 42° / 79°	21-30.4W 2581-3770lm

POWER SUPPLY CONTROL	COLOUR
600/900mA	



The figures on the drawing are expressed in mm.

2 IP66 IK09 1.5M CE

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 inON-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 2x1.5mm² 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.

Regulations and Certifications

CE

Warranty

5 years.

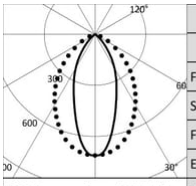
Warning

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

Photometries

21W

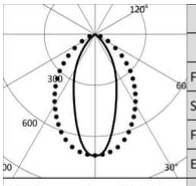
Fixture Power	21W
Nominal flux	3252lm
Fixture flux	2581lm
Luminous efficacy	123lm/W



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			42°	79°	
Fixture Power	21W	1	0.76	1.66	2312
Source Flux	3252lm	2	1.52	3.31	578
Fixture Flux	2581lm	3	2.28	4.97	257
Efficacy	123lm/W	4	3.04	6.62	145
TS882 Imax=711cd/klm	Imax 2312cd	5	3.80	8.28	92

30W

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



3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			42°	79°	
Fixture Power	30W	1	0.76	1.66	3378
Source Flux	4750lm	2	1.52	3.31	844
Fixture Flux	3770lm	3	2.28	4.97	375
Efficacy	124lm/W	4	3.04	6.62	211
TS882 Imax=711cd/klm	Imax 3378cd	5	3.80	8.28	135

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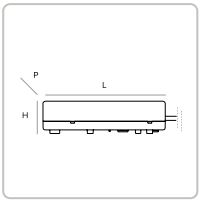
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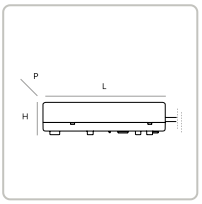
Related codes

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, 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=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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