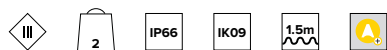
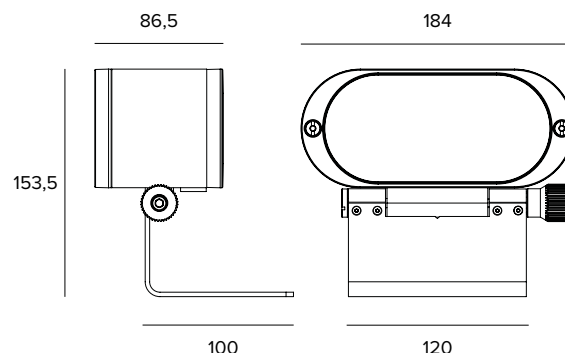


1T4636 | VOLTA

Professional adjustable LED projector for wall or cornice installation



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



The figures on the drawing are expressed in mm.

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): >50000h tq +25°C

ILLUMINOTECHNICAL CHARACTERISTICS

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

Optic: ELLIPTICAL

Optical efficiency: 79%

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

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 2x1.5mm² cable for connection to a remote driver.

Fixture Power: See photometries

Power supply: 600/900mA

Insulation Class: CLASS 3

Driver included: NO

Class F: YES

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.

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.

Targetti Sankey S.r.l.
Via Pratese, 164
50145 Firenze - Italy
Tel: +39 055 37911
targetti.com
targetti@targetti.com

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

TARGETTI

1T4636 | VOLTA

Professional adjustable LED projector for wall or cornice installation

	3000K	H(m)	D1(m)	D2(m)	E _{max} (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	I _{max} =711cd/klm	I _{max}	2312cd	5	3.80	8.28	92

21W

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

	3000K	H(m)	D1(m)	D2(m)	E _{max} (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	I _{max} =711cd/klm	I _{max}	3378cd	5	3.80	8.28	135

33W

Fixture Power	30W
Nominal flux	4750lm
Fixture flux	3770lm
Luminous efficacy	124lm/W

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.

Targetti Sankey S.r.l.
Via Pratese, 164
50145 Firenze - Italy
Tel: +39 055 37911
targetti.com
targetti@targetti.com

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

TARGETTI

1T4636 | VOLTA

Professional adjustable LED projector for wall or cornice installation

Related codes

Power Supply

Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
160x35x83	32W	110-240Vac	600mA	IP20	1T3625
106x26x53	max 43W	220-240Vac	600mA	IP68	1E2571
160x35x83	max 50W	220-240Vac	900mA	IP20	1T2966
127x31x80	max 50W	220-240Vac	900mA	IP68	1E2573

Electronic ON-OFF power supply.

Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
160x35x83	32W	110-240Vac	600mA	IP20	1T3627
106x26x53	max 43W	220-240Vac	600mA	IP68	1E2572
160x35x83	max 50W	110-240Vac	900mA	IP20	1T2968
150x40x148	max 50W	220-240Vac	900mA	IP68	1E2574

DALI power supply.

Accessories

Filter



Colour	Code
	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.

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



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

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.

Targetti Sankey S.r.l.
Via Pratese, 164
50145 Firenze - Italy
Tel: +39 055 37911
targetti.com
targetti@targetti.com

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

TARGETTI

1T4636 | VOLTA

Professional adjustable LED projector for wall or cornice installation

Control systems



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

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.

Targetti Sankey S.r.l.
Via Pratese, 164
50145 Firenze - Italy
Tel: +39 055 37911
targetti.com
targetti@targetti.com

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

TARGETTI