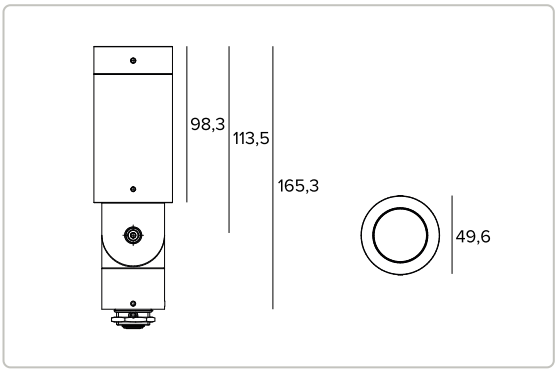
PROJECTORS

Jupiter Pro

Code
1E378190

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3500K 90	Multioptic 15°, 24°, 31°, 44°	12W 737-790lm

POWER SUPPLY CONTROL	COLOUR
24Vdc	



The figures on the drawing are expressed in mm.

0.62 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	10,3W
Nominal flux	1056lm
Colour rendering index	90
CCT nominal	3500K
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

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

Colour and finish	Ferrite
Dimensions	ØxH 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.

Technical Data

Warning

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

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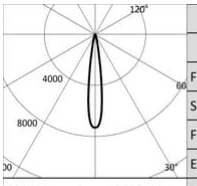
Photometries

SP

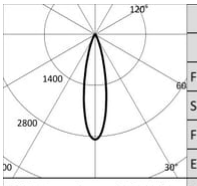
Fixture flux	790lm
Luminous efficacy	66lm/W
Optical efficiency	74.76%



3500K		H(m)	D(m)	Emax(lx)
Ra90			15°	
Fixture Power	12W	1	0.27	7701
Source Flux	1056lm	2	0.54	1925
Fixture Flux	790lm	3	0.81	856
Efficacy	66lm/W	4	1.08	481
TS1405 Imax=7292cd/klm	Imax	5	1.35	308

FL / 24

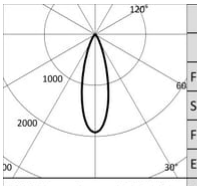
Fixture flux	747lm
Luminous efficacy	62lm/W
Optical efficiency	70.7%



3500K		H(m)	D(m)	Emax(lx)
Ra90			24°	
Fixture Power	12W	1	0.43	3044
Source Flux	1056lm	2	0.85	761
Fixture Flux	747lm	3	1.28	338
Efficacy	62lm/W	4	1.71	190
TS1406 Imax=2883cd/klm	Imax	5	2.14	122

FL / 31

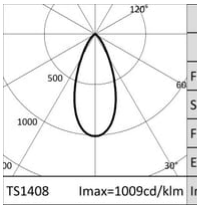
Fixture flux	753lm
Luminous efficacy	63lm/W
Optical efficiency	71.31%



3500K		H(m)	D(m)	Emax(lx)
Ra90			31°	
Fixture Power	12W	1	0.55	2024
Source Flux	1056lm	2	1.09	506
Fixture Flux	753lm	3	1.64	225
Efficacy	63lm/W	4	2.18	126
TS1407 Imax=1916cd/klm	Imax	5	2.73	81

MWFL

Fixture flux	737lm
Luminous efficacy	61lm/W
Optical efficiency	69.81%



3500K		H(m)	D(m)	Emax(lx)
Ra90			44°	
Fixture Power	12W	1	0.82	1065
Source Flux	1056lm	2	1.63	266
Fixture Flux	737lm	3	2.45	118
Efficacy	61lm/W	4	3.27	67
TS1408 Imax=1009cd/klm	Imax	5	4.08	43

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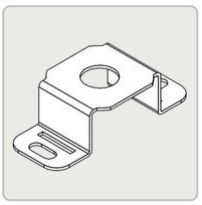
Related codes

Mounting System

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

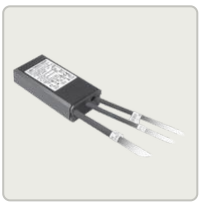
Earthspike.
Powder coated stainless steel.



CODE	COLOUR
1E3786	

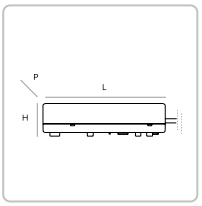
Plate for fixture rotation (surface installation).
Powder coated stainless steel.

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
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.

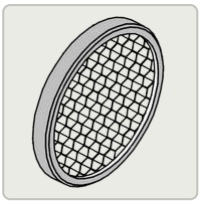
Accessories

Filter

CODE
1E3790

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

Grid

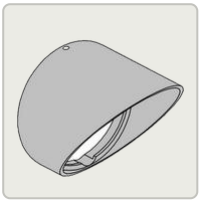


CODE

1E3792

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

Screen



CODE	COLOUR
1E3788	

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

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.

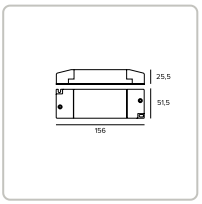
Tool

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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