

1E3780 | JUPITER PRO

Professional adjustable LED projector



SOURCE

Emitter Ra80.
Energy efficiency class: F
Nominal power: 10,3W
Nominal flux: 1148lm
Colour rendering index: 80
CCT nominal: 3000K
Lifetime (L80/B10): >50000h tq +25°C

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.

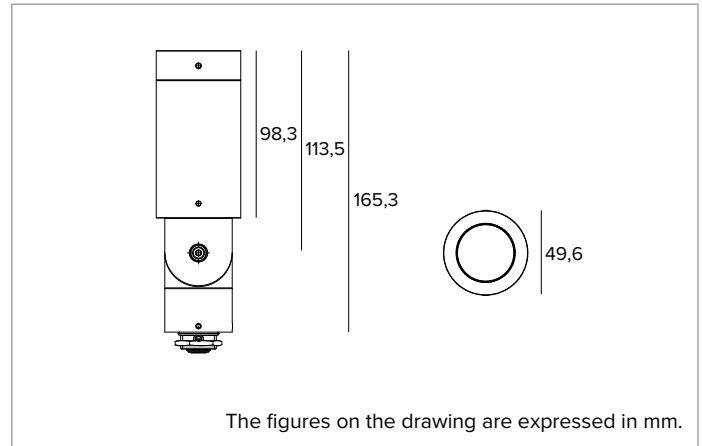
Optic: LENS
Beam angles: SP, FL, MWFL
Optical efficiency: See photometries
Fixture flux: See photometries
Luminous efficacy: See photometries
Photobiological safety: Compliant with RG1 low risk group

MECHANICAL CHARACTERISTICS

Frame and joint in aluminium with CNC machining, anodised and painted. $\pm 360^\circ$ rotation on the horizontal plane and 180° on the vertical plane.

Colour and finish: Ferrite
Dimensions: $\varnothing 50$
Weight: 0.62Kg
Version: MULTIOPTIC
Degree of protection: IP66
Mechanical Resistance: IK08

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



The figures on the drawing are expressed in mm.

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
Class F: YES
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 1/2 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.

WARRANTY

5 years.

WARNING

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

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.

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		3000K	H(m)	D(m)	Emax(lx)	
		Ra80		15°		
Fixture Power	12W	1	0.27	8372		
Source Flux	1148lm	2	0.54	2093		
Fixture Flux	858lm	3	0.81	930		
Efficacy	72lm/W	4	1.08	523		
TS1187	I _{max} =7292cd/klm	I _{max}	8372cd	5	1.35	335

		3000K	H(m)	D(m)	Emax(lx)	
		Ra80		24°		
Fixture Power	12W	1	0.43	3309		
Source Flux	1148lm	2	0.85	827		
Fixture Flux	812lm	3	1.28	368		
Efficacy	68lm/W	4	1.71	207		
TS1188	I _{max} =2883cd/klm	I _{max}	3309cd	5	2.14	132

SP

Fixture flux	858lm
Luminous efficacy	72lm/W
Optical efficiency	75%

FL / 24

Fixture flux	812lm
Luminous efficacy	68lm/W
Optical efficiency	71%

		3000K	H(m)	D(m)	Emax(lx)	
		Ra80		31°		
Fixture Power	12W	1	0.55	2200		
Source Flux	1148lm	2	1.09	550		
Fixture Flux	819lm	3	1.64	244		
Efficacy	68lm/W	4	2.18	137		
TS1189	I _{max} =1916cd/klm	I _{max}	2200cd	5	2.73	88

		3000K	H(m)	D(m)	Emax(lx)	
		Ra80		44°		
Fixture Power	12W	1	0.82	1158		
Source Flux	1148lm	2	1.63	290		
Fixture Flux	801lm	3	2.45	129		
Efficacy	67lm/W	4	3.27	72		
TS1190	I _{max} =1009cd/klm	I _{max}	1158cd	5	4.08	46

FL / 31

Fixture flux	819lm
Luminous efficacy	68lm/W
Optical efficiency	71%

MWFL

Fixture flux	801lm
Luminous efficacy	67lm/W
Optical efficiency	70%

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Related codes

Mounting System



Ø mm	H mm	Colour	Code
50	232		1E3785
50	232		1E3785BT

Earthspike.
Powder coated stainless steel.



Colour	Code
	1E3786

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

Power Supply



Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
122x26x54	17W	220-240Vac	24Vdc	IP68	1E4397EL

Electronic ON-OFF power supply.

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
185x22x64	50W	220-240Vac	24Vdc	IP20	1T3726
140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588

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



Colour	Code
	1E3788

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

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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



Code

1E3048

IP67 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

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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

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