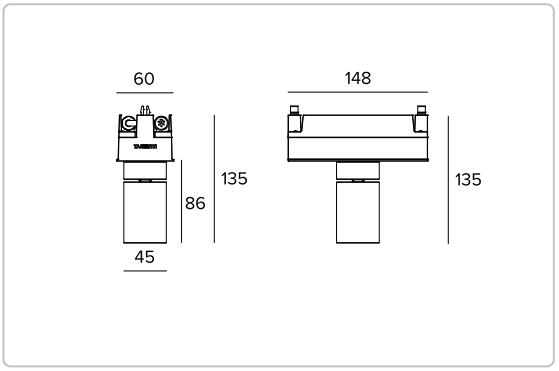
LIGHTING SYSTEMS

Ivy Single projector

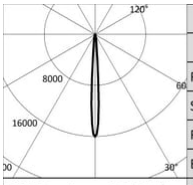
Code
1E4274CA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 90	NSP 8°	4.2W 220lm

POWER SUPPLY CONTROL	COLOUR
48Vdc	



The figures on the drawing are expressed in mm.



3000K		H(m)	D(m)	Emax(lx)
Ra90			8°	
Fixture Power	4W	1	0.13	5410
Source Flux	338lm	2	0.26	1352
Fixture Flux	220lm	3	0.39	601
Efficacy	52lm/W	4	0.53	338
TS1718 Imax=16015cd/klm	Imax 5410cd	5	0.66	216

Technical Data

Concept

Adjustable LED 1x light module, powered at low voltage, to be installed into the installation profile.

Source

Emitter Ra90.	
Energy efficiency class	G
Nominal power	3,8W
Nominal flux	338lm
Colour rendering index	90
Rf	94
Rg	99
CCT nominal	3000K
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	96000h 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

NSP beam. Optics made of a lens in optical grade PMMA and a holographic diffusion filter.

Optic	NSP
Beam angles	NSP
Optical efficiency	65.1%
Fixture flux	220lm
Luminous efficacy	52lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Cylindrical aluminium body obtained through CNC machinining process and protected with a layer of black anodization with a minimum thickness of 15µ. Powder painted Ferrite grey. Tempered extra clear front glass. Aluminium joint with locking system. Adjustability of the optical unit of 90° on the vertical plane (friction locking system) and 355° on the horizontal plane with the possibility of mechanical aiming locking through no tools system. Electronic components hosted inside a polymeric plastic box sealed by a silicone rubber gasket.

Colour and finish	Ferrite
Dimensions	AxBxH 148x60x135mm
Weight	0.45Kg
Version	CASAMBI
Degree of protection	IP65

Electrical characteristics

Fixture Power	4.2W
Power supply	48Vdc
Insulation Class	CLASS 3
Ambient temperature	-25°C / +35°C

Installation

Fast connection system of the modules through anodized aluminium clips. Free positining all over the installion profile according to installation needs with mechanical lock through Hex Key. Designed for connection in series through H05RN-F (0.15m + 0.15m) cable completed with male/female miniaturised IP65 connectors.

Notes

Version with built-in Casambi control system (Casambi Ready). DALI control system available using a special accessory. 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. Replaceable control gear by a professional.

Related codes

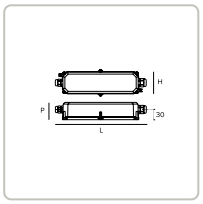
Power Supply

CODE	COLOUR	DRIVER
1E4169	●	ON-OFF

48Vdc driver box (IP65).
L=450mm 90W.
Equipped with connection cable H05RN-F (0.15m + 0.15m) complete with male/female IP65 connectors for 220V and miniaturized female IP65 connector for 48V.

CODE	COLOUR	DRIVER
1E4175	●	ON-OFF

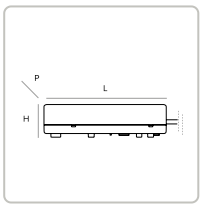
48Vdc driver box (IP65).
L=450mm 150W.
Equipped with connection cable H05RN-F (0.15m + 0.15m) complete with male/female IP65 connectors for 220V and miniaturized female IP65 connector for 48V.



CODE	IP	OUTPUT VOLTAGE	POWER SUPPLY	POWER	LXHXP
1E2320	IP67	48Vdc	220-240Vac	70W	225x51x65mm
1E2321	IP67	48Vdc	220-240Vac	150W	225x51x65mm

Electronic ON-OFF power supply.
Cable length 0.5m (IN and OUT).

To be completed with Connection kit 1E4184.



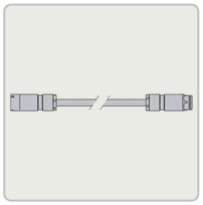
CODE	IP	OUTPUT VOLTAGE	POWER SUPPLY	POWER	LXHXP
1T6917EL	IP20	48Vdc	220-240Vac	60W	225x36x60mm
1T6916EL	IP20	48Vdc	220-240Vac	130W	240x49x60mm

Electronic ON-OFF power supply.

To be completed with Connection kit 1E4184.

Accessories

Cable



CODE	L
1E4270	500mm
1E4181	1000mm
1E4182	2000mm
1E4183	3000mm

Connection cable complete with male/female connectors.

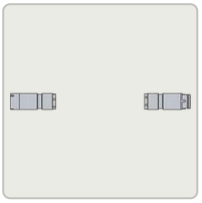
Tool

CODE

1E4171

Microscrewdriver with hexagonal head (diameter 0.9mm) for wiring 1E4184 connection kit.

Connector



CODE

1E4184

Connection kit 24/48V.

Wire not included.
Maximum cable diameter 7.5mm.
To be used for lengths >3m.

CODE

1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

CODE

1E3184

IP68 4-way cable connector (5 pole).

Control systems

CODE

1T8173CA

Bridge DALI/Casambi: a fixture that allows fixtures equipped with mesh Bluetooth Casambi to interface with a traditional DALI system and to be adjusted by a DALI control unit.
Inside the usual DALI circuit it is possible to have a maximum of 64 cabled DALI and Casambi wireless devices.
It only works with Casambi Evolution networks.
The DALI Bridge is transparent in the DALI system, and therefore does not require an address.
There is no need for a power supply given that it is supplied directly by the DALI bus.
To provide IP68 rating to the fixture complete with code 1E3184.
LxHxP=40.4x14x36.3mm.

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