LIGHTING SYSTEMS

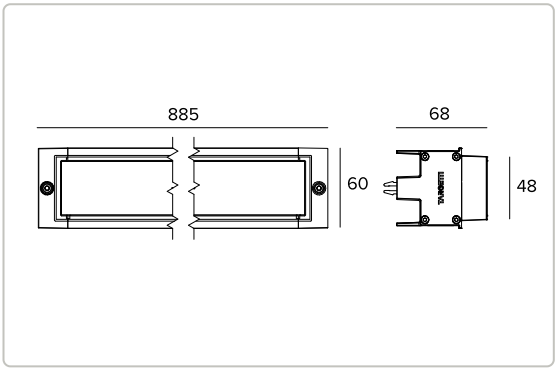
Ivy Linear module



Code
1E4142CA

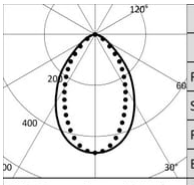
LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 90	Opal	22.4W 1935lm

POWER SUPPLY CONTROL	COLOUR
48Vdc	



The figures on the drawing are expressed in mm.





3000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra90			77°	61°	
Fixture Power	22W	1	1.58	1.19	1362
Source Flux	2937lm	2	3.17	2.38	341
Fixture Flux	1935lm	3	4.75	3.56	151
Efficacy	86lm/W	4	6.33	4.75	85
Imax	1362cd	5	7.92	5.94	54

Technical Data

Concept

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

Source

High Power High Efficiency Ra90 linear LED board.	
Energy efficiency class	E
Nominal power	20W
Nominal flux	2937lm
Colour rendering index	90
Rf	90.3
Rg	100.4
CCT nominal	3000K
SDCM	3
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	59000h tq +25°C

TARGETTI

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

Targetti Sankey S.r.l.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

Tel: +39 055 37911
targetti.com
targetti@targetti.com

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

Opal version: internal optical system made of a MC-PET high reflectance white reflector and double holographic diffusive filter.

Optic	Opal
Beam angles	OP
Optical efficiency	65.89%
Fixture flux	1935lm
Luminous efficacy	86lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Extruded aluminium body protected with a layer of black anodization with a minimum thickness of 15µ. Side enclosure caps in thermoplastic polymer. Extra clear 4mm thick glass flat screen. Lighting module of 885mm length.

Colour and finish	Black anodized
Dimensions	AxBxH 885x60x68mm
Weight	2.2Kg
Version	CASAMBI
Degree of protection	IP65

Electrical characteristics

Fixture Power	22.4W
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.

Regulations and Certifications

CE

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



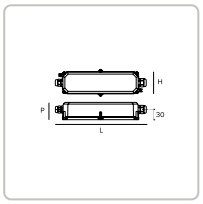
CODE	COLOUR	DRIVER
1E4169	●	ON-OFF

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

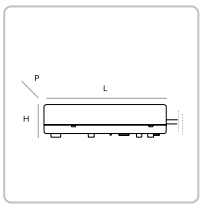
48Vdc driver box (IP65).
L=450mm 150W.
Equipped with connection cable H05RN-F (0.15m + 0.15m) complete with male/female IP65 connectors for 220V and miniaturized female IP65 connector for 48V.



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.



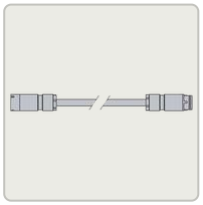
CODE	IP	OUTPUT VOLTAGE	POWER SUPPLY	POWER	LXHXP
1T6917EL	IP20	48Vdc	220-240Vac	60W	225x36x60mm
1T6916EL	IP20	48Vdc	220-240Vac	130W	240x49x60mm

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.

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Tool

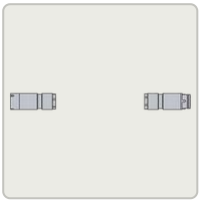


CODE

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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