

LIGHTING SYSTEMS

Ivy Linear module

Code

1E4144EL

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3500K 90	FL 85°	22.4W 2246lm
POWER SUPPLY CONTROL	COLOUR	
48Vdc		



The figures on the drawing are expressed in mm.



	3500K	H(m)	D1(m)	D2(m)	E _{max} (lx)
Ra90		85°	32°		
Fixture Power	22W	1	1.84	0.57	2102
Source Flux	3006lm	2	3.68	1.14	526
Fixture Flux	2246lm	3	5.52	1.70	234
Efficacy	100lm/W	4	7.36	2.27	131
TS1652	I _{max} =699cd/klm	I _{max}	2102cd	5	9.20
				2.84	84

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	3006lm
Colour rendering index	90
R _f	83.6
R _g	96.5
CCT nominal	3500K
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

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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

Flood version: internal optical system made of a primary cylindrical lens in PMMA, high reflectance specular reflector and integrated holographic diffusive filter.

Optic	FL
Beam angles	FL
Optical efficiency	74.72%
Fixture flux	2246lm
Luminous efficacy	100lm/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	ON-OFF
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 positioning all over the installation profile according to installation needs with mechanical lock through Hex Key. Designed for connection in series through HO5RN-F (0.15m + 0.15m) cable completed with male/female miniaturised IP65 connectors.

Notes

Electronic ON-OFF version.

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.

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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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Accessories

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.