

## LIGHTING SYSTEMS

## Ivy Linear module

Code

1E4144CA

| LIGHT COLOUR         | LIGHT DISTRIBUTION                                                                | OUTPUT          |
|----------------------|-----------------------------------------------------------------------------------|-----------------|
| 3500K<br>90          | FL<br>85°                                                                         | 22.4W<br>2246lm |
| POWER SUPPLY CONTROL | COLOUR                                                                            |                 |
| 48Vdc                |  |                 |



The figures on the drawing are expressed in mm.



|               | 3500K          | H(m) | D1(m)  | D2(m) | Emax(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        | Imax=699cd/klm | Imax | 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               |
| Rf                      | 83.6             |
| Rg                      | 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              | 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 HO5RN-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.

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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 1.5mm<sup>2</sup>.  
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.