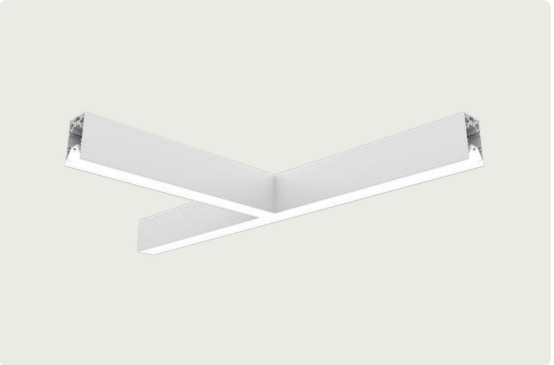
LIGHTING SYSTEMS

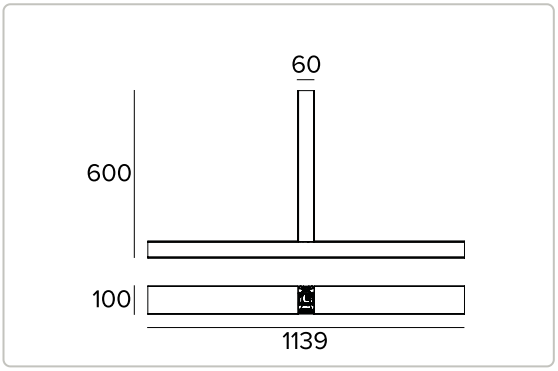
# Logico System - Ceiling/Suspension - Continuous light module - T connector

**Code**
**1T5991DA90**



| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 4000K<br>90 | Opal | 81W<br>5982lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 220-240Vac<br>DALI | |




**The figures on the drawing are expressed in mm.**







| 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 106° | |
| Fixture Power | 81W | 1 | 2.66 | 2278 |
| Source Flux | 8784lm | 2 | 5.33 | 570 |
| Fixture Flux | 5982lm | 3 | 7.99 | 253 |
| Efficacy | 74lm/W | 4 | 10.65 | 142 |
| Imax | 2278cd | 5 | 13.32 | 91 |

## Technical Data

### Concept

Linear LED fixture for ceiling mounted or suspension system installation.

### Source

LED Engine made of linear LED boards Ra90. Tunable White version available on request.

| | |
|---|---|
| Energy efficiency class | E |
| Nominal power | 72W |
| Nominal flux | 8784lm |
| Colour rendering index | 90 |
| Rf | 89.8 |
| Rg | 98.7 |
| CCT nominal | 4000K |
| Lifetime (L80/B10) | 100000h tq +25°C |
| Lifetime (L90/B10) | 59000h tq +25°C |

TARGETTI

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Share Capital: € 500.000,00
VAT N. (IT): 01537660480
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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

Direct emission. Diffused light with opal screen - Highly reflective brushed aluminium reflector and opaline polycarbonate screen.

| | |
|---|---|
| Emission | Direct |
| Optic | Opal |
| Optical efficiency | 68.1% |
| Fixture flux | 5982lm |
| Luminous efficacy | 74lm/W |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

White painted extruded aluminium body, available in four different lengths. Magnetic installation system to mount the light unit into the housing complete with an anti-fall safety cable.

| | |
|---|---|
| Colour and finish | Plaster white |
| Dimensions | AxBxH 600x1139x100mm |
| Weight | 6.7Kg |
| Version | T connector |
| Degree of protection | IP20 |

### Electrical characteristics

Integrated DALI power supply. Complete with electrical cables to guarantee feeding continuity (max 2kW for ceiling and recessed versions; max 0,6kW for the suspended version). Emergency Pack available on request. Luminaire compliant with EN 60598-2-22 for power supply from a centralised emergency system CPSS (Central Power Supply System), not incorporated in the luminaire - high risk areas excluded. The default power and flux are 100% in AC and 100% in DC.

| | |
|---|---|
| Fixture Power | 81W |
| Power supply | 220-240Vac 50/60Hz |
| Insulation Class | CLASS 1 |
| Type of driver / Control | DALI |
| Driver included | YES |
| SAFE FLICKER | PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light |
| Ambient temperature | 0°C / +25°C |

### Installation

For linear configurations complete with a special connector to attach to the power supply. For other configurations accessorise with special X, T and L connectors. To be completed with mounting systems and end caps.

### Notes

Casambi control system available using a dedicated accessory. Check mounting instructions to verify the quantity of DALI drivers installed. 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.

### Regulations and Certifications

CE

## Technical Data

### 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

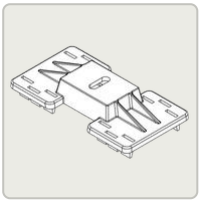
### End Caps



| CODE | COLOUR |
|---|---|
| 1T5937 | ◯ |

End caps for Ceiling Mounted and Suspension.
2x

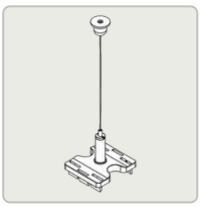
### Mounting System



| CODE | COLOUR |
|---|---|
| 1T5912 | ◯ |

Ceiling installation: polycarbonate bracket.
To be ordered in the following quantities for every fixture length:1 for 281mm version, 2 for the 562 / 1122 / 1682mm version, 3 for the 3364mm version, 3 for the L/T version and 4 for the X version.

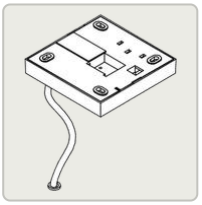
### Suspension



| CODE | COLOUR | L |
|---|---|---|
| 1T5899 | ◯ | 2000mm |
| 1T5902 | ◯ | 4000mm |

Suspension cable.
To be ordered in the following quantities for every fixture length:1 for 281mm version, 2 for the 562 / 1122 / 1682mm version, 3 for the 3364mm version, 3 for the L/T version and 4 for the X version.
Suspension cable compatible with ceiling or wall installations, even inclined.

### Power Supply Kit

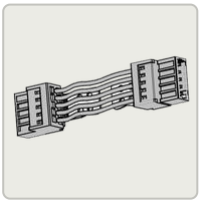


| CODE | COLOUR | DRIVER | L |
|---|---|---|---|
| 1T5905DA | ◯ | DALI | 4000mm |

Suspension installation kit: power cable complete with a painted polycarbonate rosette.
Max 0.6kW.

## Accessories

### Electrical Connector



| CODE |
|---|
| 1T5911 |

Linear electrical connector.
EL/DALI.

## Control systems




**CODE**

**1T5349**

IP20 wireless control unit with DALI interface.
It generates a local DALI2 bus, enhabling 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, maning 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

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.
LxHxP=102x25x36mm.



**CODE**

**2T0131**

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) 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.
IP20 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 0/1-10V
- EXTENDER DALI 4CH
- EXTENDER DALI DT8 Tunable White

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.
LxHxP=130x22x30mm.