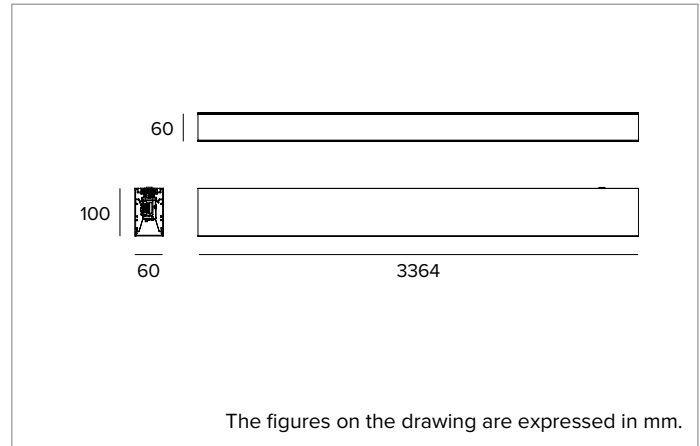


# 1T5755DA90 | LOGICO System - Ceiling/Suspension - Continuous light module

## Linear LED fixture for ceiling mounted or suspension system installation



		3000K	H(m)	D(m)	E <sub>max</sub> (lx)
		Ra90		72°	
Fixture Power	54W	1	1.45	2791	
Source Flux	6324lm	2	2.90	698	
Fixture Flux	4094lm	3	4.35	310	
Efficacy	76lm/W	4	5.80	174	
TS1464	I <sub>max</sub> =441cd/klm	I <sub>max</sub>	2791cd	5	7.26



### SOURCE

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

**Energy efficiency class:** E

**Nominal power:** 48W

**Nominal flux:** 6324lm

**Colour rendering index:** 90

**Rf:** 91.4

**Rg:** 100.8

**CCT nominal:** 3000K

**Lifetime (L80/B10):** >50000h tq +25°C

### ILLUMINOTECHNICAL CHARACTERISTICS

Direct emission. UGR<19 and L65<3000 cd/m<sup>2</sup> (EN-12464) Controlled light - Optical system composed of a highly reflective brushed aluminium reflector and a transparent polycarbonate screen coupled with a micro prismatic plate and a diffusion filter.

**Emission:** DOWN UGR

**Optical efficiency:** 65%

**Fixture flux:** 4094lm

**Luminous efficacy:** 76lm/W

**Photobiological safety:** Compliant with RG0 exempt 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:** L=3364mm

**Weight:** 11.8Kg

**Version:** LINEAR

**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:** 54W

**Power supply:** 220-240Vac 50/60Hz

**Insulation Class:** CLASS 1

**Type of driver / Control:** DALI

**Driver included:** YES

**Class F:** 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

ENEC.

### 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.

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.

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### Related codes

#### End Caps



Colour	Code
○	<b>1T5937</b>

End caps for Ceiling Mounted and Suspension.

2x

#### Mounting System



Colour	Code
○	<b>1T5912</b>

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.

Colour	Code
○	<b>1T6919</b>

Wall installation: painted metal 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.

#### Suspension



L mm	Colour	Code
2000	○	<b>1T5899</b>
4000	○	<b>1T5902</b>

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



L mm	Driver	Colour	Code
4000	DALI	○	<b>1T5905DA</b>

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

Max 0.6kW.

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## 1T5755DA90 | LOGICO System - Ceiling/Suspension - Continuous light module

### Linear LED fixture for ceiling mounted or suspension system installation

#### Accessories

##### Electrical Connector



Code

**1T5911**

Linear electrical connector.  
EL/DALI.

##### Control systems



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

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