

LIGHTING SYSTEMS

Logico Easy System 100 - Opal HO - Linear module Emergency

Code

T012BW940D2DB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 90	Opal	159W 12819lm
POWER SUPPLY CONTROL	COLOUR	
220-240Vac DALI2 (EMERGENCY VERSION)		



The figures on the drawing are expressed in mm.



	4000K	H(m)	D(m)	Emax(lx)	
	Ra90		109°		
	Fixture Power	159W	1	2.82	2694
	Source Flux	12819lm	2	5.64	673
	Fixture Flux	12820lm	3	8.46	299
	Efficacy	81lm/W	4	11.28	168
	G0301A I _{max} =210cd/klm	I _{max}	2695cd	5	14.10

Technical Data

Concept

LED luminaire for ceiling or suspended system installation. Emergency linear module.

Source

LED Engine made of linear LED boards Ra90.

Energy efficiency class	E
Nominal power	138W
Nominal flux	12819lm
Colour rendering index	90
R _f	92
R _g	101
CCT nominal	4000K
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	50000h tq +25°C

TARGETTI

CCIAA Firenze
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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/indirect emission. Diffused light - OPAL High Output optic: optical system made of a steel reflector with white polymer coating and a closing diffuser screen in opal anti-glare polycarbonate supplied in unrollable reels and available as a related code.

Emission	Direct/Indirect
Optic	Opal
Optical efficiency	100%
Fixture flux	12819lm
Emergency fixture flux BLF	4.5aaa%
Luminous efficacy	81lm/W
Photobiological safety	Compliant with RGO exempt risk group

Mechanical characteristics

Painted extruded aluminium body with 100mm section. Upper closing screen in translucent polycarbonate.

Colour and finish	Black
Dimensions	AxBxH 2916x100x80mm
Weight	8.85Kg
Version	Linear
Degree of protection	IP40
Mechanical Resistance	IK02

Electrical characteristics

Integrated electronic DALI2 driver. "Easy Connection" system for a quick connection between the modules of the system thanks to the pre-assembled plug/socket connection elements. Preset for through wiring allowing to reach a maximum length of 18 meters. Equipped with emergency pack - permanent emergency (1h autonomy and 24h recharge).

Fixture Power	159W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 1
Type of driver / Control	DALI2 (EMERGENCY VERSION)
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
Relative humidity UR	<85%

Installation

To be completed with polycarbonate end caps, mounting systems for surface or suspended application and terminal block for connection to the power line.

Notes

Casambi control system available using a dedicated accessory. Consult factory to verify the quantity of DALI drivers installed. For angular configurations L light modules and the L blind joint accessory are available. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

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Technical Data**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.

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Related codes

Screen



CODE	DIMENSIONS
A002LL1	L=6m
A002LL2	L=9m
A002LL3	L=15m

OPAL screen (Direct Emission).

For LOGICO EASY System 100 - OPAL.

Accessories

End Caps



CODE	COLOUR
A003L1B	●

End caps (2 pieces).

For LOGICO EASY System 100.

Canopy



CODE	COLOUR
A004B	●

Canopy with 5 poles terminal block.
Feeding cable not included.

Cover Panel



CODE	COLOUR
A005LB	●

Joint for screens.
To be used for configurations longer than 15 meters.

For LOGICO EASY System 100.

Bracket



CODE
A007L

Bracket with adjustment system for suspended installation (2 pieces).
Two brackets needed for each lighting module.

For LOGICO EASY 100.

Accessories

Suspension



CODE	VERSION
A008T	L = 6m
A008U	L = 5m
A008V	L = 4m
A008W	L = 3m
A008X	L = 2m
A008Y	L = 1m
A008Z	L = 0,5m

Suspension cable (2 pieces).

Terminal Box



CODE	VERSION
A009X	5 Poli DALI

Terminal block (plug/socket).
One for each power supply.

A009X - For LOGICO EASY 57 | 100.

Control systems



CODE
1T5349

IP20 wireless control unit with DALI interface.

It generates a local DALI2 bus, enabling 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 TCH profile, meaning 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.

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Accessories

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

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.

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