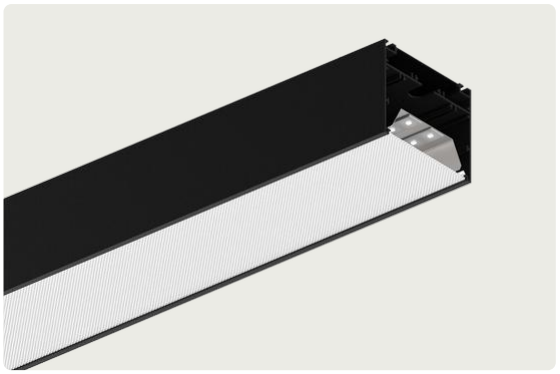
LIGHTING SYSTEMS

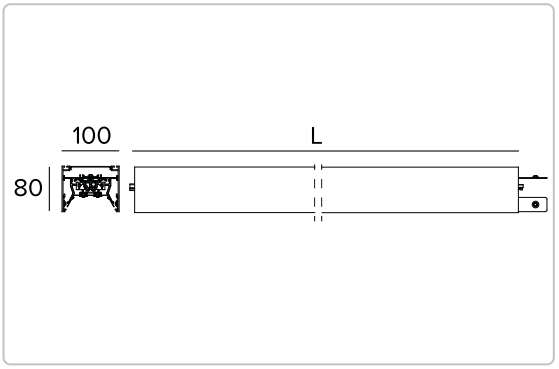
Logico Easy System 100 - Opal / UGR19 - Linear module

Code
T014MW840D2DB



LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 80	Opal/UGR19	77W 7976-8233lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac DALI2	



The figures on the drawing are expressed in mm.

The fixture's photometric values can be found on the following pages

Technical Data

Concept

LED luminaire for ceiling or suspended system installation. Linear module.

Source

LED Engine made of linear LED boards Ra80.	
Energy efficiency class	D
Nominal power	68W
Nominal flux	See photometries
Colour rendering index	80
Rf	84
Rg	95
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 emission in two effect variants: diffused light - OPAL optics - and controlled light - UGR19 optics. Diffused light - OPAL 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. Controlled light - UGR19 optic: optical system made of a steel reflector with white polymer coating and UGR closing diffuser screen supplied in unrollable reels and available as a related code (UGR<19 and L65<3000 cd/m² EN-12464-1).

Emission	Direct
Optic	Opal/UGR19
Optical efficiency	100%
Fixture flux	See photometries
Luminous efficacy	See photometries
Photobiological safety	Compliant with RG0 exempt risk group

Mechanical characteristics

Painted extruded aluminium body with 100mm section. Upper closing screen in black PVC.

Colour and finish	Black
Dimensions	AxBxH 2916x100x80mm
Weight	7.9Kg
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. 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 15% in DC.

Fixture Power	77W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 1
Type of driver / Control	DALI2
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 avaiable. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

Technical Data

Regulations and Certifications

CE

Warranty

5 years.

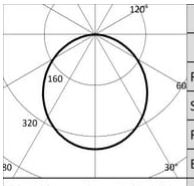
Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

Photometries

OP

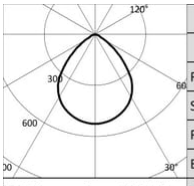
Nominal flux	8233lm
Fixture flux	8233lm
Luminous efficacy	107lm/W



4000K		H(m)	D(m)	Emax(lx)
Ra80			109°	
Fixture Power	77W	1	2.82	2959
Source Flux	8233lm	2	5.64	740
Fixture Flux	8233lm	3	8.46	329
Efficacy	107lm/W	4	11.28	185
Imax	2960cd	5	14.10	118

UGR

Nominal flux	7976lm
Fixture flux	7976lm
Luminous efficacy	104lm/W



4000K		H(m)	D(m)	Emax(lx)
Ra80			88°	
Fixture Power	77W	1	1.94	4183
Source Flux	7976lm	2	3.88	1046
Fixture Flux	7977lm	3	5.83	465
Efficacy	104lm/W	4	7.77	261
Imax	4184cd	5	9.71	167

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Related codes

Screen

CODE	DIMENSIONS
A001LL1	L=6m
A001LL2	L=9m
A001LL3	L=15m

UGR19 screen (Direct Emission).

For LOGICO EASY System 100 - UGR19.

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.

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Accessories

Bracket

CODE
A006L

Bracket for ceiling installation (2 pieces).
Two brackets needed for each lighting module.

For LOGICO EASY 100.

CODE
A007L

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

For LOGICO EASY 100.

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.

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Accessories

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.

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