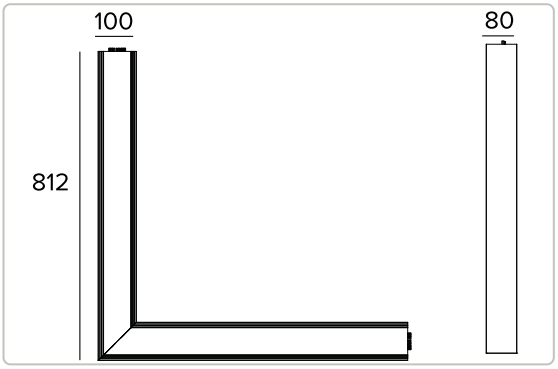
LIGHTING SYSTEMS

# Logico Easy System 100 - Opal / UGR19 - L module

**Code**
**T016BV940D2PW**

| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 4000K<br>90 | Opal/UGR19 | 32.5W<br>2710-2760lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 220-240Vac<br>DALI2 | |




The figures on the drawing are expressed in mm.

4.1 IP40 IK02 CE

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

## Technical Data

### Concept

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

### Source

| | |
|---|---|
| LED Engine made of linear LED boards Ra90. | |
| Energy efficiency class | E |
| Nominal power | 2x28,5W |
| Nominal flux | See photometries |
| Colour rendering index | 90 |
| Rf | 92 |
| Rg | 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 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/Indirect |
| 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 translucent polycarbonate.

| | |
|---|---|
| Colour and finish | White |
| Dimensions | AxBxH 812x100x80mm |
| Weight | 4.1Kg |
| Version | L connector |
| 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 | 2x32.5W |
| 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. 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.

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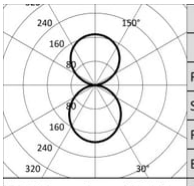
# Photometries

## OP

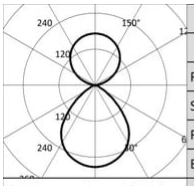
| | |
|---|---|
| **Nominal flux** | 2x5520lm |
| **Fixture flux** | 2x2760lm |
| **Luminous efficacy** | 170lm/W |




| G0301A | Imax=189cd/klm | 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|---|---|
| | | Ra90 | | | 109° | |
| | | Fixture Power | 33W | 1 | 2.82 | 522 |
| | | Source Flux | 2760lm | 2 | 5.64 | 131 |
| | | Fixture Flux | 2760lm | 3 | 8.46 | 58 |
| | | Efficacy | 85lm/W | 4 | 11.28 | 33 |
| | | Imax | 522cd | 5 | 14.10 | 21 |

## UGR

| | |
|---|---|
| **Nominal flux** | 2x5420lm |
| **Fixture flux** | 2x2710lm |
| **Luminous efficacy** | 167lm/W |




| G0301 | Imax=272cd/klm | 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|---|---|
| | | Ra90 | | | 88° | |
| | | Fixture Power | 33W | 1 | 1.94 | 737 |
| | | Source Flux | 2710lm | 2 | 3.88 | 184 |
| | | Fixture Flux | 2710lm | 3 | 5.83 | 82 |
| | | Efficacy | 83lm/W | 4 | 7.77 | 46 |
| | | Imax | 737cd | 5 | 9.71 | 29 |

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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 |
|---|---|
| A003L1W | ◯ |

End caps (2 pieces).

For LOGICO EASY System 100.

### Canopy

| CODE | COLOUR |
|---|---|
| A004W | ◯ |

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

### Cover Panel

| CODE | COLOUR |
|---|---|
| A005LW | ◯ |

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

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## Bracket

| 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.

## 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.



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**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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