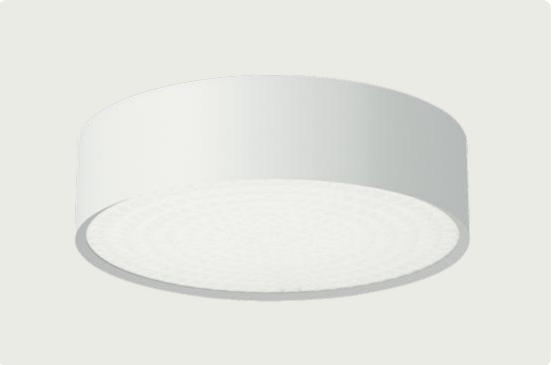
RECESSED LUMINAIRES | CEILING LUMINAIRES | PENDANT LUMINAIRES | WALL MOUNTED LUMINAIRES

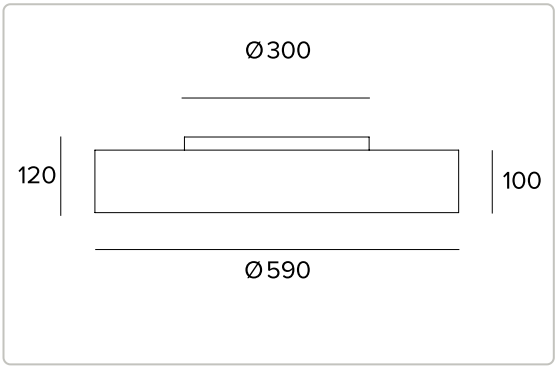
# Threesixty Ø 590mm - UGR

**Code**
**1T6175DA**

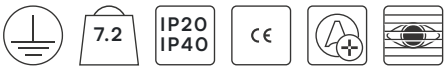


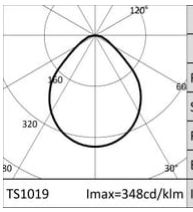
| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 4000K<br>80 | UGR | 35W<br>3775lm |

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




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




| 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra80 | | | 92° | |
| Fixture Power | 35W | 1 | 2.07 | 1818 |
| Source Flux | 5221lm | 2 | 4.15 | 455 |
| Fixture Flux | 3775lm | 3 | 6.22 | 202 |
| Efficacy | 108lm/W | 4 | 8.29 | 114 |
| Imax | 1818cd | 5 | 10.36 | 73 |

## Technical Data

### Concept

Circular LED fixture for ceiling mounted, suspension, recessed, semi-recessed and wall mounted installations.

### Source

The LED Engine is made up of self-cooling circular boards. Tunable White version available on request.

| | |
|---|---|
| Energy efficiency class | D |
| Nominal power | 31W |
| Nominal flux | 5221lm |
| Colour rendering index | 80 |
| Rf | 82.6 |
| Rg | 95.7 |
| CCT nominal | 4000K |
| SDCM | 3 |
| Lifetime (L80/B10) | 100000h tq +25°C |
| Lifetime (L90/B10) | 59000h tq +25°C |

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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

UGR Direct Version: Transparent micro prismatic PMMA lower diffusive screen and spreader lens. UGR<19 and L65<3000 cd/m² (EN-12464).

| | |
|---|---|
| Emission | Direct |
| Optic | UGR |
| Optical efficiency | 72.3% |
| Fixture flux | 3775lm |
| Luminous efficacy | 108lm/W |
| Photobiological safety | Compliant with RG1 low risk group |

### Mechanical characteristics

| | |
|---|---|
| Calendered extruded aluminium body. | |
| Colour and finish | Plaster white |
| Dimensions | ØxH 590x120mm |
| Weight | 7.2Kg |
| Degree of protection | IP20 for recessed part |
| Degree of protection | IP40 for exposed part |

### Electrical characteristics

Integrated DALI power supply. Emergency Pack available on request. Equipped with a rapid connector for mains connection. 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 | 35W |
| Power supply | 220-240Vac 50/60Hz |
| Insulation Class | CLASS 1 |
| Type of driver / Control | DALI - PUSH |
| 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

Polycarbonate fixing system is pre-set for ceiling or wall mounted installations. Suspension and recessed installation is possible using a special accessory to be ordered separately.

### 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

### Warranty

5 years.

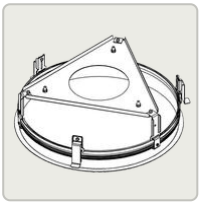
## Related codes

### Insertion Box



| CODE | COLOUR | ØXH | CUTOUT HOLE |
|---|---|---|---|
| 1T6294 | ◯ | 627x99mm | Ø615 |

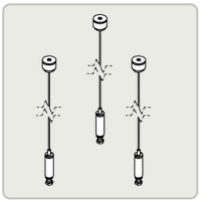
Adjustable frame for semi or completely recessed installation.
Non load bearing frame compatible with all sizes.
Powder coated, extruded, calendered aluminium body.
The outer casing attaches to the ceiling with pre-galvanised steel brackets.
The fixture must then be fixed to the ceiling using a suspension cable with an ABS control system installed in the outer casing.
Minimum ceiling height 230mm.



| CODE | COLOUR | ØXH | CUTOUT HOLE |
|---|---|---|---|
| 1T6306 | ◯ | 627x130mm | Ø615 |

Frame for semi or completely recessed installation.
Load bearing outer frame measuring 384mm and 590mm.
Powder coated, extruded, calendered aluminium body.
The outer frame attaches to the ceiling with pre-galvanised steel brackets.
Standard Version.

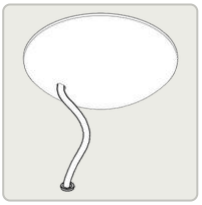
### Suspension



| CODE | COLOUR | L |
|---|---|---|
| 1T6282 | ◑ | 2000mm |
| 1T6285 | ◑ | 4000mm |

Suspension kit composed of 3 steel cables with an ABS control system.
Suspension kit compatible with ceiling or wall installations, even inclined.

### Power Supply Kit



| CODE | COLOUR | DRIVER |
|---|---|---|
| 1T6288DA | ◯ | DALI |

Accessory for suspension installation composed of a canopy and 3 or 5 poles complete with a 4000mm power cable.

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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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