

1T6142DA90 | THREESIXTY**Circular LED fixture for ceiling mounted, suspension, recessed, semi-recessed and wall mounted installations**

		3000K	H(m)	D(m)	E _{max} (lx)
		Ra90		114°	
Fixture Power	57W	1	3.09	1338	
Source Flux	6380lm	2	6.17	334	
Fixture Flux	3862lm	3	9.26	149	
Efficacy	68lm/W	4	12.35	84	
TS1481	I _{max} =210cd/klm	I _{max}	1338cd	5	15.43

**SOURCE**

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

Energy efficiency class: E

Nominal power: 50W

Nominal flux: 6380lm

Colour rendering index: 90

Rf: 91.4

Rg: 100.8

CCT nominal: 3000K

Lifetime (L80/B10): >50000h tq +25°C

ILLUMINOTECHNICAL CHARACTERISTICS

OPAL Direct Version: High luminance transmission and light diffusion opaline polycarbonate lower diffusive screen.

Emission: DOWN OPAL

Optical efficiency: 61%

Fixture flux: 3862lm

Luminous efficacy: 68lm/W

Photobiological safety: Compliant with RG1 low risk group

MECHANICAL CHARACTERISTICS

Calendered extruded aluminium body.

Colour and finish: Deep black

Dimensions: D=590mm

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: 57W

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

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.

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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TARGETTI

1T6142DA90 | THREESIXTY**Circular LED fixture for ceiling mounted, suspension, recessed, semi-recessed and wall mounted installations****Related codes****Insertion Box**

Cutout hole	Dimensions ØxH mm	Colour	Code
Ø615	627x99	●	1T6295

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.



Cutout hole	Dimensions ØxH mm	Colour	Code
Ø615	627x130	●	1T6307

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

L mm	Colour	Code
2000	●	1T6282
4000	●	1T6285

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

Driver	Colour	Code
DALI	●	1T6289DA

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

Accessories**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 1CH 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



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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