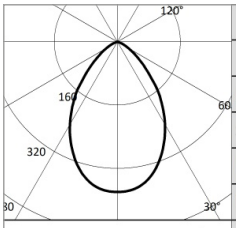
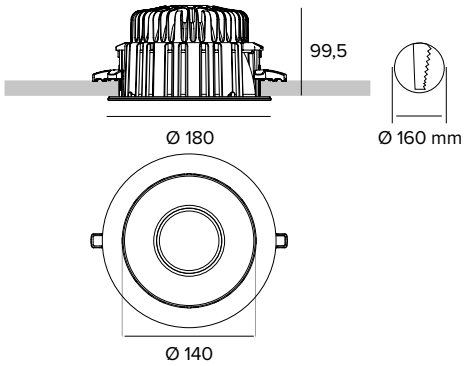
T042FM840DAPW | CCTLED DOWNLIGHT Feel
Recessed LED downlight



4000K		H(m)	D(m)	Emax(lx)
Ra80			72°	
Fixture Power	20W	1	1.46	1212
Source Flux	3201lm	2	2.92	303
Fixture Flux	1742lm	3	4.38	135
Efficacy	88lm/W	4	5.84	76
TS1700 Imax=379cd/klm	Imax 1212cd	5	7.30	48



The figures on the drawing are expressed in mm.

SOURCE

High efficiency Chip on Board LED Ra80.
Energy efficiency class: E
Nominal power: 17W
Nominal flux: 3201lm
Colour rendering index: 80
Rf: 84
Rg: 97
CCT nominal: 4000K
Lifetime (L80/B10): >100000h tq +25°C

ILLUMINOTECHNICAL CHARACTERISTICS

Optical system composed of a highly reflective matt finish reflector, a prismatic refractor and a central shielding element for a totally indirect light emission.
Optic: MATT
Beam angles: VWFL
Optical efficiency: 54%
Fixture flux: 1742lm
Luminous efficacy: 88lm/W
Photobiological safety: Compliant with RG1 low risk group

MECHANICAL CHARACTERISTICS

Body and heat sink in die-cast anodised aluminium. Passive heat sink cooling system. Completed with decorative white rounded ring.
Colour and finish: White
Weight: 1.15Kg
Degree of protection: IP20 for recessed part
Degree of protection: IP43 for exposed part

ELECTRICAL CHARACTERISTICS

Complete with a dimmable DALI driver. Emergency kit with 1h and 3h batteries available as accessories. 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: 20W
Power supply: 220-240Vac 50/60Hz
Insulation Class: CLASS 2
Type of driver / Control: DALI - PUSH
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

Quick tool-free mounting system for false ceiling installation from 0.5 to 30mm.

NOTES

Casambi control system available using a dedicated accessory. 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.

Targetti Sankey S.r.l.
Via Pratese, 164
50145 Firenze - Italy
Tel: +39 055 37911
targetti.com
targetti@targetti.com

CCIAA Firenze
Share Capital:
€ 500.000,00
VAT N. (IT):
01537660480
R.E.A: FI-275656

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Accessories

Emergency Kit

	Code
	A059

Emergency kit composed of an inverter a LIFePO4 battery and a LED Green indicator.
Allows permanent EP emergency use of the fixture it is connected to.
The 1h or 3h autonomy can be selected by configuring the fixture.
The batteries take 12h to completely recharge.
LED Green indicator wired to the inverter through single-core cables L= 800mm.
Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.
Battery size 160x54x30 mm.
Inverter size 165x40x25 mm.

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

	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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