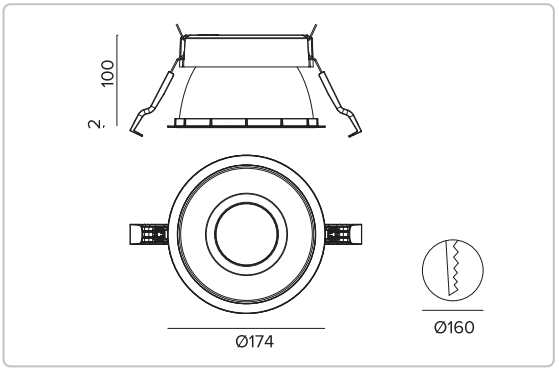
RECESSED LUMINAIRES

CCTEvo Downlight 160 WFL (UGR)

Code
1T8297EL

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3500K 90	WFL (UGR) 63°	22.4W 2377lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac ON-OFF	◯



The figures on the drawing are expressed in mm.

3500K		H(m)	D(m)	Emax(lx)
Ra90			63°	
Fixture Power	22W	1	1.23	2387
Source Flux	3182lm	2	2.45	597
Fixture Flux	2377lm	3	3.68	265
Efficacy	106lm/W	4	4.91	149
Imax	2439cd	5	6.13	95

Technical Data

Concept

Recessed LED Downlight in a trim version.

Source

High efficiency Chip on Board LED Ra90.	
Energy efficiency class	E
Nominal power	20W
Nominal flux	3182lm
Colour rendering index	90
Rf	91
Rg	100
CCT nominal	3500K
Lifetime (L80/B10)	72000h tq +25°C
Lifetime (L90/B10)	72000h tq +25°C

TARGETTI

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

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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

Low luminance deep UGR optic for high visual comfort. Optic composed of a deep thermoplastic reflector with reflective metallisation and a protective anti-scratch coating, a holographic acrylic diffuser screen and a highly reflective white thermoplastic internal recuperator. UGR<19 and L65<1000 cd/m² (EN 12464-1). IP54 protection for the visible parts of the installed fixture.

Optic	WFL (UGR)
Beam angles	WFL (UGR)
Optical efficiency	74.69%
Fixture flux	2377lm
Luminous efficacy	106lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Die-cast black painted anodised aluminium heat sink. Reflective metallised thermoplastic material reflector with high luminous efficiency and visual comfort. Silicone sealing kit for water and dust protection. Trim version with an integrated white ring.

Colour and finish	Plaster white
Dimensions	ØxH 174x102mm
Weight	0.85Kg
Version	Trim
Degree of protection	IP20 for recessed part
Degree of protection	IP54 for exposed part

Electrical characteristics

Integrated electronic ON-OFF driver. 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	22.4W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 2
Type of driver / Control	ON-OFF
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

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

Notes

110-277Vac version available on request.

Warranty

5 years.

Technical Data

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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Accessories

Mounting System

CODE	L
1T9606	2500mm

Anti-fall safety cable to secure the body of the appliance to the building structure.

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.

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