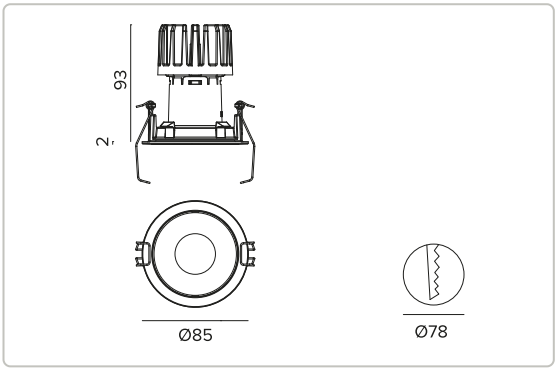
RECESSED LUMINAIRES

CCTEvo Downlight 78

Code
1T8549EL

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 90	FL 39°	13.1W 1429lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac ON-OFF	



The figures on the drawing are expressed in mm.

4000K		H(m)	D(m)	Emax(lx)
Ra90			39°	
Fixture Power	13W	1	0.71	2967
Source Flux	1736lm	2	1.42	742
Fixture Flux	1429lm	3	2.14	330
Efficacy	109lm/W	4	2.85	185
Imax	2967cd	5	3.56	119

Technical Data

Concept

Recessed LED Downlight in a trim version.

Source

High efficiency Chip on Board LED Ra90. Ra80 on request.	
Energy efficiency class	E
Nominal power	12W
Nominal flux	1736lm
Colour rendering index	90
Rf	90
Rg	98
CCT nominal	4000K
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

FL Optic: An anodised aluminium reflector and a holographic acrylic diffuser screen. UGR<19 and L65<1000 cd/m² (EN 12464-1). IP54 protection for the visible parts of the installed fixture.

Optic	FL
Beam angles	FL
Optical efficiency	82.29%
Fixture flux	1429lm
Luminous efficacy	109lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Die-cast black painted anodised aluminium heat sink. Black thermoplastic material structure and a black or white painted cut-off front. Silicone sealing kit for water and dust protection. Trim version with an integrated white painted die-cast aluminium ring.

Colour and finish	Plaster white
Dimensions	ØxH 85x95mm
Weight	0.35Kg
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	13.1W
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.

Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

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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