RECESSED LUMINAIRES

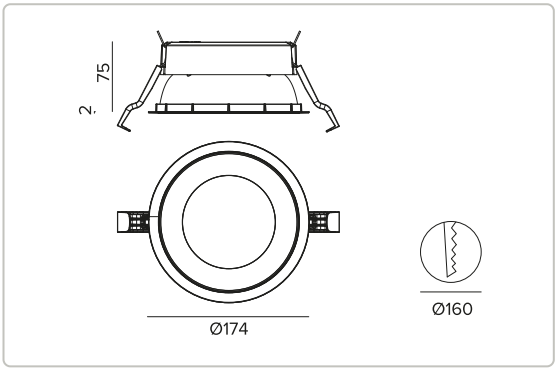
CCTEvo Downlight 160 VWFL



Code
1T8310EL

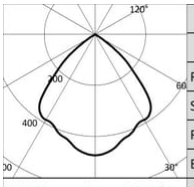
LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3500K 90	VWFL 89°	33.8W 3664lm

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			89°	
Fixture Power	34W	1	1.98	2083
Source Flux	4402lm	2	3.95	521
Fixture Flux	3664lm	3	5.93	231
Efficacy	108lm/W	4	7.90	130
Imax	2083cd	5	9.88	83

Technical Data

Concept

Recessed LED Downlight in a trim version.

Source

High efficiency Chip on Board LED Ra90.	
Energy efficiency class	E
Nominal power	30W
Nominal flux	4402lm
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

Targetti Sankey S.r.l.
Via Giuseppe Garibaldi, 82
50041 Calenzano (FI)
Italy

Tel: +39 055 37911
targetti.com
targetti@targetti.com

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

VWFL Optic for wide coverage and excellent uniformity of luminance. Optic with high luminous efficiency composed of a thermoplastic reflector with reflective metallisation and a protective anti-scratch coating, a holographic acrylic diffuser screen and a highly reflective white thermoplastic internal recuperator. IP54 protection for the visible parts of the installed fixture.

Optic	VWFL
Beam angles	VWFL
Optical efficiency	83.23%
Fixture flux	3664lm
Luminous efficacy	108lm/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 174x77mm
Weight	0.8Kg
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	33.8W
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.

Regulations and Certifications

CE

Technical Data

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.

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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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