RECESSED LUMINAIRES

# CCTEvo Downlight 105 WFL (UGR) Trimless

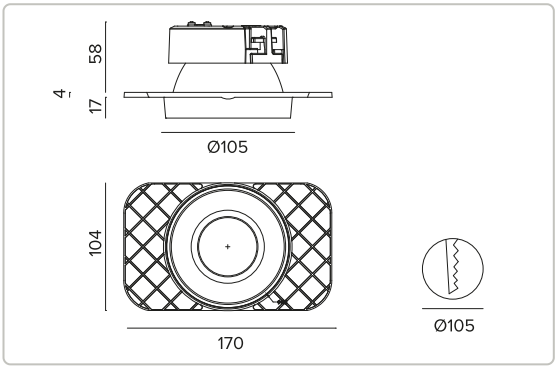
**Code**
**1T8405ELTR**



| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 4000K<br>90 | WFL (UGR)<br>61° | 15W<br>1645lm |

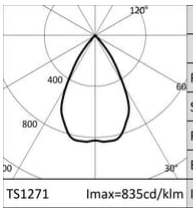
**POWER SUPPLY CONTROL**

220-240Vac
ON-OFF




**The figures on the drawing are expressed in mm.**




| 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 61° | |
| Fixture Power | 15W | 1 | 1.19 | 1722 |
| Source Flux | 2081lm | 2 | 2.37 | 431 |
| Fixture Flux | 1645lm | 3 | 3.56 | 191 |
| Efficacy | 110lm/W | 4 | 4.75 | 108 |
| TS1271 Imax=835cd/klm | Imax 1739cd | 5 | 5.93 | 69 |

## Technical Data

### Concept

Recessed LED Downlight in a trimless version.

### Source

| | |
|---|---|
| High efficiency Chip on Board LED Ra90. Ra80 on request. | |
| Energy efficiency class | D |
| Nominal power | 13W |
| Nominal flux | 2081lm |
| 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

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 | 79.04% |
| Fixture flux | 1645lm |
| Luminous efficacy | 110lm/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. Trimless version with a load-bearing element for installation and finishing in plasterboard.

| | |
|---|---|
| Dimensions | ØxH 105x79mm |
| Weight | 0.54Kg |
| Version | Trimless |
| 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 | 15W |
| 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

### 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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