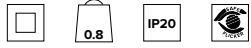
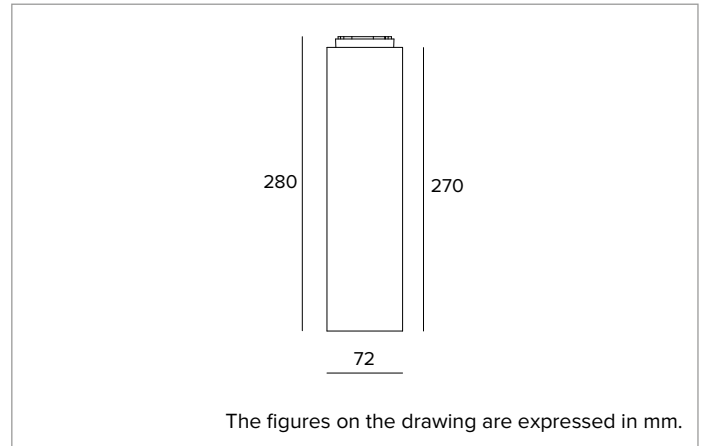


## 1T9765EL | LABEL 7 - Ceiling LED Ceiling-mounted fixture for direct light emission powered by mains voltage



|        |                 |        |        |          |      |     |
|--------|-----------------|--------|--------|----------|------|-----|
|        | 4000K           | H(m)   | D(m)   | Emax(lx) |      |     |
|        | Ra90            |        | 27°    |          |      |     |
|        | Fixture Power   | 12W    | 1      | 0.49     | 3984 |     |
|        | Source Flux     | 1569lm | 2      | 0.98     | 996  |     |
|        | Fixture Flux    | 1081lm | 3      | 1.47     | 443  |     |
|        | Efficacy        | 93lm/W | 4      | 1.96     | 249  |     |
| TS1869 | Imax=2539cd/klm | Imax   | 3984cd | 5        | 2.45 | 159 |



### SOURCE

High efficiency Chip on Board LED Ra90. 2700K-3500K on request.

**Energy efficiency class:** E

**Nominal power:** 10W

**Nominal flux:** 1569lm

**Colour rendering index:** 90

**Rf:** 90

**Rg:** 98

**CCT nominal:** 4000K

**Lifetime (L80/B10):** >50000h tq +25°C

### ILLUMINOTECHNICAL CHARACTERISTICS

FL Version - metallised polycarbonate precision optics, a holographic diffusion filter and a black silicone cut off ring.

**Optic:** REFLECTOR

**Beam angles:** FL

**Optical efficiency:** 69%

**Fixture flux:** 1081lm

**Luminous efficacy:** 93lm/W

**Photobiological safety:** Compliant with RG1 low risk group

### MECHANICAL CHARACTERISTICS

Cylindrical body in aluminum obtained from an extrusion process and coated with powder paint.

**Colour and finish:** Deep black

**Dimensions:** D=72mm

**Weight:** 0.8Kg

**Degree of protection:** IP20

### ELECTRICAL CHARACTERISTICS

Electronic ON-OFF version with the power supply integrated in the body of the fixture. 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:** 12W

**Power supply:** 220-240Vac 50/60Hz

**Insulation Class:** CLASS 2

**Type of driver / Control:** ON-OFF

**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

Kit with fixing plate for ceiling installation already included.

### 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.*

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