LIGHTING SYSTEMS

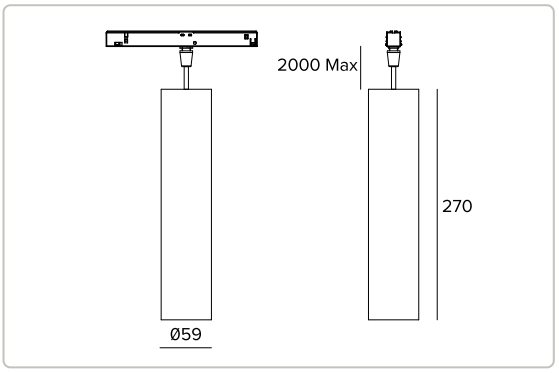
# Fortyeight Label 6 - Suspension



**Code**
**1T9917EL**

| LIGHT COLOUR | LIGHT DISTRIBUTION | OUTPUT |
|---|---|---|
| 4000K<br>90 | MWFL<br>45° | 9W<br>982lm |

| POWER SUPPLY CONTROL | COLOUR |
|---|---|
| 48Vdc | |




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







| 4000K | | H(m) | D(m) | Emax(lx) |
|---|---|---|---|---|
| Ra90 | | | 45° | |
| Fixture Power | 9W | 1 | 0.84 | 1809 |
| Source Flux | 1321lm | 2 | 1.68 | 452 |
| Fixture Flux | 982lm | 3 | 2.52 | 201 |
| Efficacy | 109lm/W | 4 | 3.35 | 113 |
| Imax | 1809cd | 5 | 4.19 | 72 |

## Technical Data

### Concept

Professional low voltage LED fixture for direct lighting.

### Source

| | |
|---|---|
| High efficiency Chip on Board LED Ra90. 3500K on request. | |
| Energy efficiency class | E |
| Nominal power | 8,3W |
| Nominal flux | 1321lm |
| Colour rendering index | 90 |
| Rf | 90 |
| Rg | 98 |
| CCT nominal | 4000K |
| SDCM | 1.5 |
| Lifetime (L80/B10) | 72000h tq +25°C |
| Lifetime (L90/B10) | 72000h tq +25°C |

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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

MWFL version - convex faceted highly reflective anodised aluminium precision optics, holographic diffusion filter and black silicone cut off ring.

| | |
|---|---|
| Optic | MWFL |
| Beam angles | MWFL |
| Optical efficiency | 74.33% |
| Fixture flux | 982lm |
| Luminous efficacy | 109lm/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 | ØxH 59x270mm |
| Weight | 0.7Kg |
| Version | ON-OFF |
| Degree of protection | IP20 |

### Electrical characteristics

ON-OFF version, track power supply.

| | |
|---|---|
| Fixture Power | 9W |
| Power supply | 48Vdc |
| Insulation Class | CLASS 3 |
| 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

Complete with 2000mm long multicore suspension cable in coloured fabric with lenght adjustment system. Black feeding cable. Quick coupling system for mounting the product on the track.

### Notes

Not polarized fixture. Black adapter. 110-277Vac version available on request.

### Regulations and Certifications

CE

### 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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