## 900 mm length LED linear luminaire, middle module for continuous lines construction from the TROLL family Online.

### DESCRIPTION

900 mm length LED linear luminaire, middle module for continuous lines construction from the TROLL family Online setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 3000º K (warm white) optimised to be used as general lighting of offices, schools, commercial areas or architectural spaces. Designed for ceiling surface mounted or suspended. Luminaire body built in extruded aluminium finished in white. Luminaire built-in an double parabolic louver made of bright darklight aluminium with an angle beam of 100º. Luminaire sets a 14 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Luminaire UGR<19. Fixture has a luminous flux of 1017 Lm, with an efficiency of 59,8 Lm/W and a total consumption of 17 W. The average life for the luminaire is 60000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear Dimmable 1-10V fed at 220-240V; 50/60 Hz.

| | |
|---|---|
| Item code | 48M5/L0983D/33 |
| Product type | IN |
| Category | Surface Linears |
| Family | Online |
| Subfamily | Online-L |
| Materials | Luminaire body built in extruded aluminium. |
| Optical system | Luminaire built-in a double parabolic louver made of bright darklight aluminium. |
| Installation instructions | Luminaire designed for ceiling surface mounted or suspended. |
| Pictograms | LED CE |

### Dimensions

| | |
|---|---|
| Product dimensions (mm) | 95 x 900 x 95 |
| Gross weight (Kg) | 19 |

### Scheme

Scheme
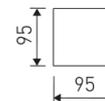


14W L=900
18W L= 1200
22W l= 1500

### Product

| | |
|---|---|
| Real power (W) | 17 |
| Real luminous flux (Lm) | 1017 |
| Luminous efficiency (Lm/W) | 59,8 |
| Beam angle (º) | 75 |
| Life time (h) | 60000 |
| IP | 20 |
| Electrical class insulation | Class 1 |
| Operating temperature | from -20°C to 35°C |
| Electrical feeding | 220..240V, 50/60Hz |
| Colour | White |
| Energy efficiency class | A |

### Control gear

| | |
|---|---|
| Control gear included | Yes |
| Control gear | 1-10V Dimmable Electronic Control Gear |
| Factor de potencia | 0,97 |

### Light source

| | |
|---|---|
| Light source included | Yes |
| Light source | Led |
| Nominal power (W) | 14 |
| Nominal luminous flux (Lm) | 2350 |
| Colour temperature (K) | 3000 |
| Colour consistency (SDCM) | 3 |
| CRI | 80 |

### Photometry

**Photometry**



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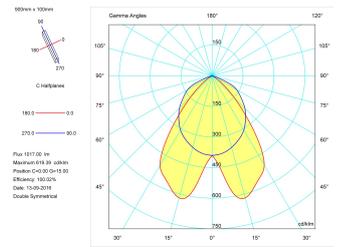
**Accesories**

| 138/511/33 | Suspension without fed wiring. |

**Picture**



| 138D/510/33 | Suspension with connection - 5 poles. |

**Picture**



| 48/1200/33 | End section 1200mm. |

**Picture**



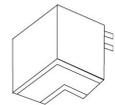| 48/1500/33 | End section 1500mm. |

**Picture**



| 48/501/33 | **90º elbow.** |
| --- | --- |

**Picture**



| 48/507/33 | **End covers** |
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**Picture**



| 48M/511/33 | **Steel suspension cable (for double module).** |
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