Square format fix downlight from the TROLL family Basic.

## DESCRIPTION

Square format fix downlight from the TROLL family Basic setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of $3000^{\circ} \mathrm{K}$ (warm white) optimised to be used as general indoor lighting for offices, hospitals commercial areas or residential \& contract spaces. Designed for wall or ceiling surface mounted. Luminaire body built in die-cast aluminium finished in white. Optical group is IP44. Luminaire built-in an Polycarbonate opal diffuser with an angle beam of $120^{\circ}$. Luminaire sets a 8 W LED source with CRI higher than $85 \%$ and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 355 Lm , with an efficiency of $44,4 \mathrm{Lm} / \mathrm{W}$ and a total consumption of 8 W . The average life for the luminaire is 35000 h (stabilised at a minimum flux of $70 \%$ from the original). Luminaire built-in an auxiliary gear ON/OF fed at $220-240 \mathrm{~V}$; $50 / 60 \mathrm{~Hz}$.

| Item code | $\mathbf{0 4 5 0 L / M 1 8 3 S / 3 3}$ |
| :--- | :--- |
| Product type | IN |
| Category | Surface Downlights |
| Family | Basic |
| Subfamily | Lumic $S$ <br> aluminium. |
| Materials | Luminaire built-in a Polycarbonate opal <br> diffuser. |
| Optical system | Luminaire designed for wall or ceiling <br> surface mounted. |
| Installation instructions | $\square$ |
| Pictograms | $\square$ |


| Dimensions |  |
| :--- | :--- |
| Product dimensions (mm) | $\mathbf{1 2 0 \times 1 2 0 \times 4 5}$ |
| Packing dimensions (mm) | $\mathbf{1 2 5 \times 1 2 5 \times 5 0}$ |
| Net weight (g) | 439 |
| Gross weight $(\mathrm{Kg})$ | 0,56 |


| Product |  |
| :--- | :--- |
| Real power $(\mathbf{W})$ | 8 |
| Real luminous flux $(\mathrm{Lm})$ | 355 |
| Luminous efficiency $(\mathrm{Lm} / \mathrm{W})$ | 44,4 |
| Beam angle $\left({ }^{\circ}\right)$ | $\mathbf{1 2 0}$ |
| Life time (h) | $\mathbf{3 5 0 0 0}$ |
| IP | $\mathbf{4 4}$ |
| Electrical class insulation | Class 1 |
| Operating temperature | from $-20{ }^{\circ} \mathrm{C}$ to $35{ }^{\circ} \mathrm{C}$ |
| Electrical feeding | $220 . .240 \mathrm{~V}, 50 / 60 \mathrm{~Hz}$ |
| Colour | White |
| Energy efficiency class | A |


| Control gear |  |
| :--- | :--- |
| Control gear included | Yes |
| Control gear | Electronic Control Gear |
| Factor de potencia | $\mathbf{0 , 9 4}$ |


| Light source |  |
| :--- | :--- |
| Light source included | Yes |
| Light source | Led |
| Nominal power (W) | 7 |
| Nominal luminous flux (Lm) | 426 |
| Colour temperature (K) | $\mathbf{3 0 0 0}$ |
| CRI | $\mathbf{8 0}$ |

Photometry
Photometry


