

## Architectural pole luminaire from the TROLL family Riddle.

## DESCRIPTION

Architectural pole luminaire from the TROLL family Riddle setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of $4000^{\circ} \mathrm{K}$ (neutral white) optimised to be used as lighting outdoor areas such as public squares, parks, gardens or outdoor areas of sport buildings. Pole luminaire designed to be floor fixed.. Body built in die-cast aluminium finished in grey. Luminaire is IP65. Luminaire built-in an Polycarbonate opal diffuser with an angle beam of light \& shadows effect. Luminaire sets a 75 W LED source with CRI higher than $80 \%$ and a chromatic dispersion lower than 3 SMCD. Fixture has a total consumption of 83 W . The average life for the luminaire is 50000 h (stabilised at a minimum flux of $70 \%$ from the original). Luminaire built-in an auxiliary gear ON/OF fed at $\mathbf{2 2 0 - 2 4 0 V} ; 50 / 60 \mathrm{~Hz}$.

| Item code | $\mathbf{1 1 . 6 6 0 1 . 2 0 8 4 . 2 1}$ |
| :--- | :--- |
| Product type | OUT |
| Category | Poles |
| Family | Riddle |
| Subfamily | Riddle |
| Materials | Luminaire body built in die-cast <br> aluminium finished in grey. |
| Optical system | Luminaire built-in an Polycarbonate opal <br>  <br> shadows effect. |
| Installation instructions | Pole luminaire designed to be floor fixed. |
| Pictograms | $850^{\circ} \mathrm{C}$ |


| Dimensions |  |
| :--- | :--- |
| Product dimensions (mm) | $\mathbf{5 0 0} \times 500 \times 3500$ |



| Product |  |
| :--- | :--- |
| Real power $(\mathbf{W})$ | 83 |
| Real luminous flux $(\mathrm{Lm})$ | 9000 |
| Luminous efficiency $(\mathrm{Lm} / \mathrm{W})$ | 108 |
| Beam angle $\left({ }^{\circ}\right)$ | 120 |
| Life time $(h)$ | 50000 |
| IP | $\mathbf{6 5}$ |
| IK | 10 |
| Electrical class insulation | Class 1 |
| Operating temperature | from $-20^{\circ} \mathrm{C}$ to $40^{\circ} \mathrm{C}$ |
| Electrical feeding | $220 . .240 \mathrm{~V}, 50 / 60 \mathrm{~Hz}$ |
| Colour | Grey |
| Energy efficiency class | A+ |


| Control gear |  |
| :--- | :--- |
| Control gear included | Yes |
| Control gear | Electronic Control Gear |
| Factor de potencia | 0,9 |


| Light source | Yes |
| :--- | :--- |
| Light source included | Led |
| Light source | 75 |
| Nominal power (W) | 10000 |
| Nominal luminous flux (Lm) | 50000 |
| Average life time (h) | 4000 |
| Colour temperature (K) | 1750 |
| Current (mA) | 3 |
| Colour consistency (SDCM) | 80 |

