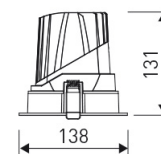





**Dimensions**

| | |
|-------------------------|------------|
| Product dimensions (mm) | Ø138 x 131 |
| Net weight (g) | 980 |
| Gross weight (Kg) | 1,06 |
| Drilling hole (mm) | Ø 125 |

Scheme**Scheme****Round format fix downlight from the TROLL family Contract.****DESCRIPTION**

Round format fix downlight from the TROLL family Contract setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 3000° K (warm white) optimised to be used as general & accent lighting for commercial areas shop-windows and different indoor spaces. Designed for ceiling recessed installation. Luminaire body built in die-cast aluminium finished in white. Optical group is IP44 on the visible frontal area. Luminaire built-in an primary reflector made of high purity aluminium plus an antiglare secondary reflector. with an angle beam of 15°. Luminaire sets a 18 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 1700 Lm, with an efficiency of 80,95 Lm/W and a total consumption of 21 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 Dimmable 1-10V fed at 220-240V; 50/60 Hz.

| | |
|---------------------------|---|
| Item code | 11.1602.3031.33 |
| Product type | IN |
| Category | Recessed Downlights |
| Family | Contract |
| Subfamily | Contract F |
| Materials | Luminaire body built in die-cast aluminium. |
| Optical system | Luminaire built-in a primary reflector made of high purity aluminium plus an antiglare secondary reflector.. |
| Installation instructions | Luminaire designed for ceiling recessed installation. |
| Pictograms |    |

Product

| | |
|-----------------------------|--------------------|
| Real power (W) | 21 |
| Real luminous flux (Lm) | 1700 |
| U.G.R. (%) | < 19 |
| Luminous efficiency (Lm/W) | 80,95 |
| Beam angle (°) | 15 |
| Life time (h) | 50000 |
| IP | 44/20 |
| Electrical class insulation | Class 2 |
| Operating temperature | from -20°C to 35°C |
| Electrical feeding | 220..240V, 50/60Hz |
| Colour | White |
| Energy efficiency class | A |

Control gear

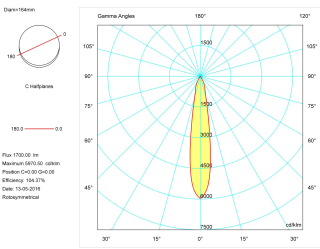
| | |
|-----------------------|--|
| Control gear included | Yes |
| Control gear | 1-10V Dimmable Electronic Control Gear |
| Factor de potencia | 0,99 |

Light source

| | |
|----------------------------|------|
| Light source included | Yes |
| Light source | Led |
| Nominal power (W) | 18 |
| Nominal luminous flux (Lm) | 2300 |
| Colour temperature (K) | 3000 |
| Colour consistency (SDCM) | 3 |
| CRI | 80 |

Photometry

Photometry



Accessories

| | |
|-----------------|-------------------------|
| 11.1603.0031.04 | Reflector for 18W. |
| 11.1603.0031.33 | Reflector for 18W. |
| 11.1603.0032.04 | Honeycomb mesh for 18W. |