



**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 a 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**

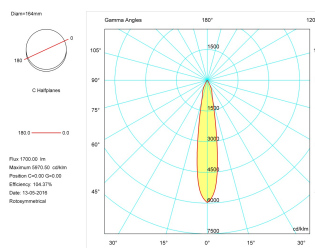
Control gear included	Yes
Control gear	1-10V Dimmable Electronic Control Gear
Factor de potencia	0,99

**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.