Round format fix downlight from the TROLL family Ecoled.

DESCRIPTION

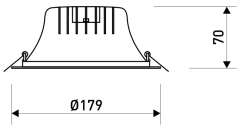
Round format fix downlight from the TROLL family Ecoled setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000° K (warm white) optimised to be used as general & accent lighting for commercial areas shop-windows and different indoor spaces. Designed for ceiling recessed installation. Luminaire body made of synthetic material finished in white. Luminaire built-in an internal white reflector with frontal opal diffuser with an angle beam of 105°. Luminaire sets a 13 W LED source with CRI higher than 80 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 1364 Lm, with an efficiency of 97,4 Lm/W and a total consumption of 14 W. The average life for the luminaire is 25000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear ON/OF fed at 220-240V; 50/60 Hz.

Item code	**11.1525.0010.33**
Product type	**IN**
Category	**Recessed Downlights**
Family	**Ecoled**
Subfamily	**Ecoled**
Materials	**Luminaire body made of synthetic material.**
Optical system	**Luminaire built-in a internal white reflector with frontal opal diffuser.**
Installation instructions	**Luminaire designed for ceiling recessed installation.**
Pictograms	

Dimensions	
Product dimensions (mm)	**ø179 x 70**
Net weight (g)	**194**
Gross weight (Kg)	**0,3**
Drilling hole (mm)	**Ø150**

Scheme

Scheme



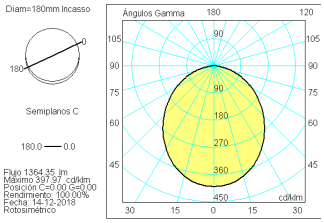
Product	
Real power (W)	**14**
Real luminous flux (Lm)	**1364**
Luminous efficiency (Lm/W)	**97,4**
Beam angle (º)	**105**
Life time (h)	**25000**
IP	**44/20**
Electrical class insulation	**Class 2**
Photobilological risk	**0 - Exempt**
Operating temperature	**from -20°C to 40°C**
Electrical feeding	**220..240V, 50/60Hz**
Colour	**White**
Energy efficiency class	**A+**

Control gear	
Control gear included	**Yes**
Control gear	**Electronic Control Gear**
Factor de potencia	**0,5**

Light source	
Light source included	**Yes**
Light source	**Led**
Nominal power (W)	**13**
Nominal luminous flux (Lm)	**1700**
Colour temperature (K)	**4000**
CRI	**80**

Photometry

Photometry


Diam=180mm Incasso
0
180
Semiplanos C
180.0 — 0.0
Flujo 1364.35 lm
Máximo 397.97 cd/klm
Posición C=0.00 G=0.00
Rendimiento: 100.00%
Fecha: 14-12-2018
Rotosimétrico
Angulos Gamma
180
120
105
90
75
60
45
90
180
270
360
450
30
15
0
15
30
cd/klm