Round format fix downlight from the TROLL family Optics Comfort.

DESCRIPTION

Round format fix downlight from the TROLL family Optics Comfort setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000º K (neutral white) optimised to be used as general indoor lighting for offices, hospitals commercial areas or residential & contract spaces. Designed for ceiling recessed installation. Luminaire body built in sinthetic material and aluminium heat-sink with finishes in white. Luminaire is IP20. Luminaire built-in an high efficiency reflector made of high vacuum aluminised policarbonate with an angle beam of 80º. Luminaire sets a 12 W LED source with CRI higher than 80 % and a chromatic dispersion lower than 3 SMCD. Luminaire UGR<19. Fixture has a luminous flux of 1721 Lm, with an efficiency of 172 Lm/W and a total consumption of 14 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an 1-10V dimmable electronic control gear fed at 220-240V; 50/60 Hz.

Item code	11.1703.1402.33
Product type	IN
Category	Recessed Downlights
Family	Optics
Subfamily	Optics Comfort
Materials	Luminaire body built in sinthetic material with aluminium heat-sink.
Optical system	Luminaire built-in a high efficiency reflcetor made of high vacuum aluminised policarbonate .
Installation instructions	Luminaire designed for ceiling recessed installation.
Pictograms	CE 850º C 0,5 m ▢ LED

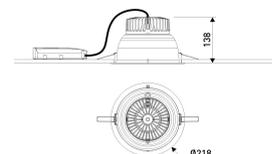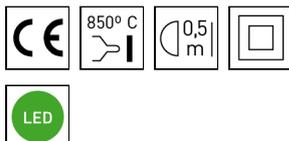## Dimensions

Product dimensions (mm)	ø218 x 138
Net weight (g)	743
Drilling hole (mm)	Ø200

Scheme

Scheme

Product

Real power (W)	14
Real luminous flux (Lm)	1721
U.G.R. (%)	< 19
Luminous efficiency (Lm/W)	172
Beam angle (º)	80
Life time (h)	50000
IP	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	0,98

Light source

Light source included	Yes
Light source	Led
Nominal power (W)	12
Nominal luminous flux (Lm)	2000
Average life time (h)	50000
Colour temperature (K)	4000
Current (mA)	350
Colour consistency (SDCM)	3
CRI	80

Photometry

Photometry

Diam=218mm Incasso

Semiplanos C

180.0 ——— 0.0

Flujo 1720.79 lm
Máximo 1218.65 cd
Posición C=0.00 G=12.50
Rendimiento 100.00%
Fecha 20-09-2019
Rotosimétrico

Ángulos Gamma