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**Dimensions**


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

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**Scheme**


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**Scheme**


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**Product**


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Real power (W)	19
Real luminous flux (Lm)	2214
U.G.R. (%)	< 19
Luminous efficiency (Lm/W)	116,5
Beam angle (°)	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+

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**Control gear**


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Control gear included	Yes
Control gear	Electronic Control Gear & Emergency
Factor de potencia	0,98

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**Light source**


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Light source included	Yes
Light source	Led
Nominal power (W)	16
Nominal luminous flux (Lm)	2800
Average life time (h)	50000
Colour temperature (K)	3000
Current (mA)	500
Colour consistency (SDCM)	3
CRI	80

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**Photometry**


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



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## Round format fix downlight from the TROLL family Optics Comfort.

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**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 3000° K (warm 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 synthetic material and aluminium heat-sink with finishes in white. Luminaire is IP20. Luminaire built-in an high efficiency reflector made of high vacuum aluminised polycarbonate with an angle beam of 80°. Luminaire sets a 20,4 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 2214 Lm, with an efficiency of 116,5 Lm/W and a total consumption of 19 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an electronic control gear with emergency kit fed at 220-240V; 50/60 Hz.

Item code	11.1703.2304.33
Product type	IN
Category	Recessed Downlights
Family	Optics
Subfamily	Optics Comfort
Materials	Luminaire body built in synthetic material with aluminium heat-sink.
Optical system	Luminaire built-in a high efficiency reflector made of high vacuum aluminised polycarbonate .
Installation instructions	Luminaire designed for ceiling recessed installation.
Pictograms	    

Photometry

Diam=218mm Incasso



Semiplanos C

180.0 — 0.0

Flujo 2713.63 lm  
Máximo 1556.70 cd  
Posición C=0.00 (C=15.00)  
Rendimiento: 95.89%  
Fecha: 23/09/2019  
Rotosimétrico

