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**Dimensions**


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Product dimensions (mm)	Ø218 x 138
Net weight (g)	743
Drilling hole (mm)	200

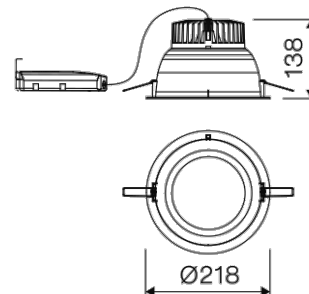
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**Scheme**


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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)	60000 (L90B10)
IP	IP40/20
Electrical class insulation	Class 2
Operating temperature	from -20°C to 35°C
Electrical feeding	220..240V, 50/60Hz
Colour (RAL)	White(9010)
Energy efficiency class	A+

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**Control gear**


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Control gear included	Yes
Control gear	Electronic Control Gear & Emergency
Power Factor	0,98
Flicker Free	Flicker Free

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**Light source**


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Light source included	
Light source	Led
Type of LED	CoB
Nominal power (W)	16
Nominal luminous flux (Lm)	2800
Average life time (h)	50000
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

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**Photometry**


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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 60000 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	Indoor Lighting
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	



