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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**

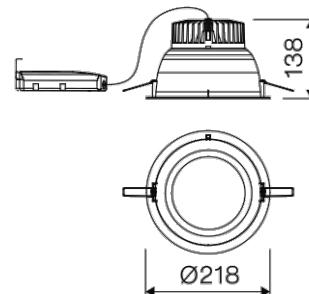

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**Scheme**


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**Product**


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Real power (W)	14
Real luminous flux (Lm)	1721
U.G.R. (%)	< 19
Luminous efficiency (Lm/W)	122,9
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**


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Light source	Led
Type of LED	CoB
Nominal power (W)	12
Nominal luminous flux (Lm)	2000
Average life time (h)	50000
Colour temperature (K)	4000
Colour consistency (SDCM)	3
CRI	80

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**Photometry**


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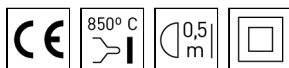
## Round format fix downlight from the TROLL family Optics Comfort.

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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 4000° 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 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 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 122,9 Lm/W and a total consumption of 14 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	11.1703.1404.33
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	



Photometry

