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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**

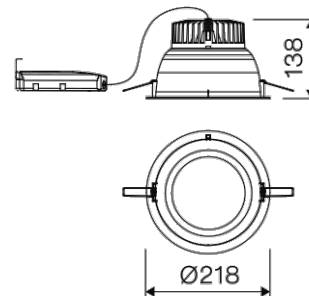

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**Scheme**


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**Product**


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Real power (W)	23
Real luminous flux (Lm)	2195
U.G.R. (%)	< 19
Luminous efficiency (Lm/W)	95,4
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	DALI Dimmable Electronic Control Gear
Power Factor	0,98
Flicker Free	Flicker Free

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**Light source**


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Light source	Led
Type of LED	CoB
Nominal power (W)	21
Nominal luminous flux (Lm)	2780
Colour temperature (K)	2700 - 6000
Colour consistency (SDCM)	3
CRI	80

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**Photometry**


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**OPTICS COMFORT TW 2780 80° EDD 33 IP40/20 827-860**


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**DESCRIPTION**


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Luxiona round fix downlight from the TROLL family Optics Comfort. Downlight to be used as general indoor lighting for offices, hospitals commercial areas or residential & contract spaces. Downlight designed for ceiling recessed installation. Luminaire body built in aluminium with finish in White. Luminaire has a degree of isolation vs. environment of IP40/20. Luminaire built-in a high efficiency reflector with a beam angle of 80° and UGR<19. Luminaire adds in a 21 W LED source with colour temperature of 2700 - 6000K, Colour reproduction higher than 80% and a chromatic dispersion lower than 3 SMDC. Fixture has an output flux of 2195 Lm, with an efficiency of 95,4 Lm/W and a total consumption of 23 W. The average life for the luminaire is (h) 60000 [L90B10]. Luminaire built-in an DALI Dimmable Electronic Control Gear fed at 220-240V; 50/60 Hz.

Item code	11.1703.2009.33
Product type	IN
Category	Recessed Downlights
Family	Optics
Subfamily	Optics Comfort
Materials	Luminaire body built in aluminium with finish in White.
Optical system	Luminaire built-in a high efficiency reflector with a beam angle of 80° and UGR<19.
Installation instructions	Downlight designed for ceiling recessed installation.

Photometry

