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**Dimensions**


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Product dimensions (mm)	ø133 x 70
Net weight (g)	700
Drilling hole (mm)	Ø120

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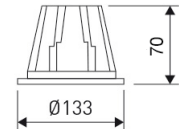


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**Scheme**


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Scheme




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**Product**


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Real power (W)	13,9
Real luminous flux (Lm)	1310
Luminous efficiency (Lm/W)	94,2
Beam angle (°)	80
Life time (h)	50000
IP	54/20
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
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)	12
Nominal luminous flux (Lm)	1500
Colour temperature (K)	3000
Colour consistency (SDCM)	5
CRI	80

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**Photometry**


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
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## Round format fix downlight from the TROLL family Beryl.

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**DESCRIPTION**

Round format fix downlight from the TROLL family Beryl 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 die-cast aluminium with matt polycarbonate frontal diffuser finished in white. Optical group is IP44 on the visible frontal area. Luminaire built-in a Polycarbonate opal diffuser with an angle beam of 80°. Luminaire sets a 15 W LED source with CRI higher than 80 % and a chromatic dispersion lower than 5 SMCD. Fixture has a luminous flux of 1310 Lm, with an efficiency of 94,2 Lm/W and a total consumption of 13,9 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear ON/OFF fed at 220-240V; 50/60 Hz.

Item code	11.1546.3158.33
Product type	IN
Category	Recessed Downlights
Family	Beryllid O
Subfamily	Beryl
Materials	Luminaire body built in die-cast aluminium with matt polycarbonate frontal diffuser.
Optical system	Luminaire built-in a Polycarbonate opal diffuser.
Installation instructions	Luminaire designed for ceiling recessed installation.
Pictograms	 

Photometry

