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**Dimensions**


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Product dimensions (mm)	ø112 x 74,5
Net weight (g)	730
Gross weight (Kg)	0,83
Drilling hole (mm)	Ø100

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**Scheme**

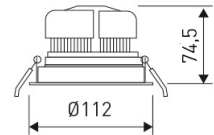

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**Scheme**


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



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### Adjustable round downlight with double cardan from the TROLL family Downled.

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**DESCRIPTION**

Adjustable round downlight with double cardanic from the TROLL family Downled 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 finished in white. Optical group is IP44 on the visible frontal area. Luminaire built-in an high efficiency faceted reflector made of high purity aluminium with an angle beam of 15°. Luminaire sets a 13 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Luminaire sets a ball joint system which allows 20° in both cardanic axels. Fixture has a luminous flux of 1200 Lm, with an efficiency of 77,4 Lm/W and a total consumption of 15,5 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 fed at 220-240V; 50/60 Hz.

Item code	11.1604.2831.33
Product type	IN
Category	Recessed Downlights
Family	Downled
Subfamily	Downled
Materials	Luminaire body built in die-cast aluminium.
Optical system	Luminaire built-in a high efficiency faceted reflector made of high purity aluminium.
Installation instructions	Luminaire designed for ceiling recessed installation.
Pictograms	   

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**Product**


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Real power (W)	15,5
Real luminous flux (Lm)	1200
U.G.R. (%)	< 19
Luminous efficiency (Lm/W)	77,4
Beam angle (°)	15
Life time (h)	50000
IP	44/20
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	0,99

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**Light source**


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Light source included	Yes
Light source	Led
Nominal power (W)	13
Nominal luminous flux (Lm)	1600
Colour temperature (K)	3000
CRI	80

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**Photometry**


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Photometry

