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**Dimensions**


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Product dimensions (mm)	ø92 x 123
Packing dimensions (mm)	120 x 120 x 135
Net weight (g)	276
Gross weight (Kg)	0,352
Drilling hole (mm)	Ø85

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**Scheme**

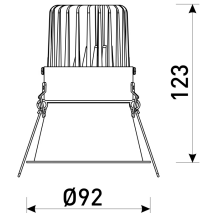

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**Scheme**


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**Small format fix downlight from the TROLL family Focus.**


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



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**DESCRIPTION**


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Small format fix downlight from the TROLL family Focus setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 2700° K (extra-warm white) optimised to be used in hotels, residential spaces, offices or commercial areas where small format fixtures with hidden light source care required. Designed for ceiling recessed installation. Luminaire body made of synthetic material with die-cast aluminium heat-sink finished in copper. Optical group is IP44 on the visible frontal area. Luminaire built-in a high efficiency reflector made of polycarbonate aluminised in high vacuum with frontal diffuser and angle beam of 15°. Luminaire sets a 12,3 W LED source with CRI higher than 90 % and a chromatic dispersion lower than 3 SMCD. Luminaire UGR<19. Fixture has a luminous flux of 1109 Lm, with an efficiency of 76,5 Lm/W and a total consumption of 14,5 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 ON/OFF fed at 220-240V; 50/60 Hz.

Item code	11.1704.3121.85
Product type	IN
Category	Recessed Downlights
Family	Focus
Subfamily	Focus
Materials	Luminaire body made of synthetic material with die-cast aluminium heat-sink.
Optical system	Luminaire built-in a high efficiency reflector made of polycarbonate aluminised in high vacuum with frontal diffuser.
Installation instructions	Luminaire designed for ceiling recessed installation.
Pictograms	  

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**Product**


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Real power (W)	14,5
Real luminous flux (Lm)	1109
U.G.R. (%)	< <19
Luminous efficiency (Lm/W)	76,5
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	Copper
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	0,90

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**Light source**


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Light source included	Yes
Light source	Led
Nominal power (W)	12.3
Nominal luminous flux (Lm)	1370
Average life time (h)	50000
Colour temperature (K)	2700
Current (mA)	350
Colour consistency (SDCM)	3
CRI	90

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**Photometry**


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Photometry

