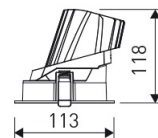


**Dimensions**

Product dimensions (mm)	Ø113 x 118
Net weight (g)	655
Gross weight (Kg)	0,735
Drilling hole (mm)	Ø 100

Scheme**Scheme****Product**

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

Control gear

Control gear included	Yes
Control gear	1-10V Dimmable Electronic Control Gear
Factor de potencia	0,99

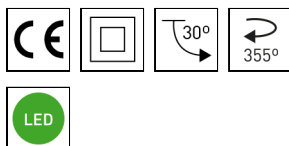
Light source

Light source included	Yes
Light source	Led
Nominal power (W)	13
Nominal luminous flux (Lm)	1600
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

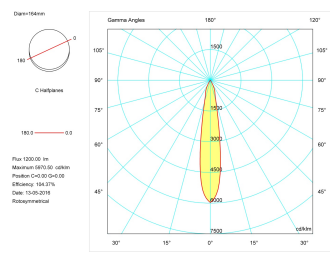
Photometry**Adjustable round downlight from the TROLL family Contract.****DESCRIPTION**

Adjustable round downlight from the TROLL family Contract 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 & accent lighting for commercial areas shop-windows and different indoor 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 primary reflector made of high purity aluminium plus an antiglare secondary reflector. 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 rotation 355° and tilting 30°. 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 Dimmable 1-10V fed at 220-240V; 50/60 Hz.

Item code	11.1601.2031.33
Product type	IN
Category	Recessed Downlights
Family	Contract
Subfamily	Contract A
Materials	Luminaire body built in die-cast aluminium.
Optical system	Luminaire built-in a primary reflector made of high purity aluminium plus an antiglare secondary reflector..
Installation instructions	Luminaire designed for ceiling recessed installation.

Pictograms

Photometry



Accessories

11.1603.0022.04	Honeycomb mesh for 13W.
11.1603.0121.04	Honeycomb mesh for 13W.
11.1603.0121.33	Honeycomb mesh for 13W.