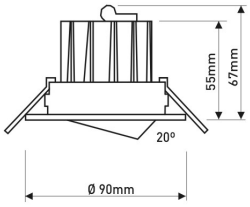
Dimensions	
Product dimensions (mm)	ø90 x 67
Packing dimensions (mm)	97 x 97 x 106
Net weight (g)	191
Gross weight (Kg)	0,223
Drilling hole (mm)	Ø75

Scheme

Scheme

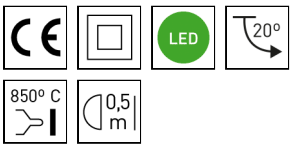


Small format adjustable downlight from the TROLL family Downled.

DESCRIPTION

Small format adjustable downlight from the TROLL family Downled setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 3000º 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 high efficiency faceted reflector made of high purity aluminium with an angle beam of 40º. Luminaire sets a 7 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 5 SMCD. Luminaire sets a ball joint system which allows tilting 20º. Fixture has a luminous flux of 452 Lm, with an efficiency of 64,6 Lm/W and a total consumption of 7 W. The average life for the luminaire is 35000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear DALI dimmable fed at 220-240V; 50/60 Hz.

Item code	0147L/8340DD/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	



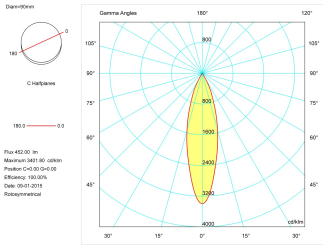
Product	
Real power (W)	7
Real luminous flux (Lm)	452
Luminous efficiency (Lm/W)	64,6
Beam angle (º)	40
Life time (h)	35000
IP	44/20
Electrical class insulation	Class 2
Operating temperature	from -20°C to 35°C
Electrical feeding	220..240V, 50/60Hz
Colour	White
Energy efficiency class	A

Control gear	
Control gear included	Yes
Control gear	DALI Dimmable Electronic Control Gear
Factor de potencia	0,94

Light source	
Light source included	Yes
Light source	Led
Nominal power (W)	7
Nominal luminous flux (Lm)	650
Colour temperature (K)	3000
Colour consistency (SDCM)	5
CRI	80

Photometry

Photometry


Diam=90mm
0
180
C Halfplanes
180.0
0.0
Flux 452.00 lm
Maximum 3431.80 cd/klm
Position C=0.00 G=0.00
Efficiency: 100.00%
Date: 09-01-2015
Rotsymmetrical
Gamma Angles
180°
120°
105°
90°
75°
60°
45°
800
1600
2400
3200
4000
cd/klm
30°
15°
0°
15°
30°