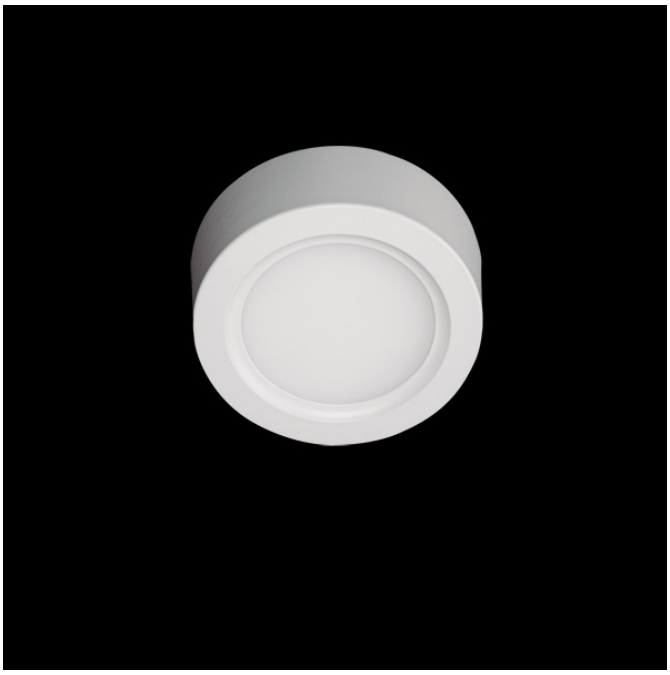


Round format fix downlight from the TROLL family Basic.

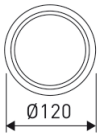
DESCRIPTION

Round format fix downlight from the TROLL family Basic 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 indoor lighting for offices, hospitals commercial areas or residential & contract spaces. Designed for wall or ceiling surface mounted. Luminaire body built in die-cast aluminium finished in white. Optical group is IP44. Luminaire built-in an Polycarbonate opal diffuser with an angle beam of 120º. Luminaire sets a 8 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 355 Lm, with an efficiency of 44,4 Lm/W and a total consumption of 8 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 ON/OF fed at 220-240V; 50/60 Hz.

Item code	**0250L/M183S/33**
Product type	**IN**
Category	**Surface Downlights**
Family	**Basic**
Subfamily	**Basic S**
Materials	**Luminaire body built in die-cast aluminium.**
Optical system	**Luminaire built-in a Polycarbonate opal diffuser.**
Installation instructions	**Luminaire designed for wall or ceiling surface mounted.**
Pictograms	

Dimensions	
Product dimensions (mm)	**ø120 x 45**
Packing dimensions (mm)	**125 x 125 x 50**
Net weight (g)	**355**
Gross weight (Kg)	**0,53**

Scheme
Scheme



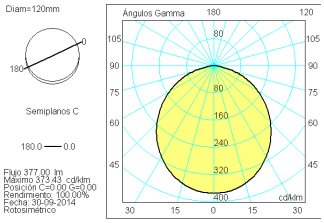
Product	
Real power (W)	**8**
Real luminous flux (Lm)	**355**
Luminous efficiency (Lm/W)	**44,4**
Beam angle (º)	**120**
Life time (h)	**35000**
IP	**44**
Electrical class insulation	**Class 1**
Operating temperature	
Electrical feeding	**220..240V, 50/60Hz**
Colour	**White**
Energy efficiency class	**A**

Control gear	
Control gear included	**Yes**
Control gear	**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)	**426**
Colour temperature (K)	**3000**
CRI	**80**

Photometry

Photometry


Diam=120mm
0
180
Semiplanos C
180.0 — 0.0
Flujo 377.00 lm
Máximo 373.43 cd/klm
Posición C=0.00 G=0.00
Rendimiento: 100.00%
Fecha: 30-09-2014
Rotosimétrico
Angulos Gamma
180
120
105
105
90
90
75
75
60
60
45
45
80
80
160
240
320
400
cd/klm
30
15
0
15
30