



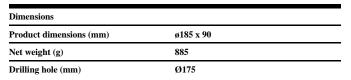
Round format fix downlight from the TROLL family

DESCRIPTION

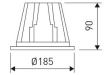
Beryl.

Round format fix downlight from the TROLL family Beryl 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 with matt polycarbonate frontal diffuser finished in white. Optical group is IP54 on the visible frontal area. Luminaire built-in an Polycarbonate opal diffuser with an angle beam of 80°. Luminaire sets a 24 W LED source with CRI higher than 80 % and a chromatic dispersion lower than 5 SMCD. Fixture has a luminous flux of 2253 Lm, with an efficiency of 98 Lm/W and a total consumption of 23 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/OF fed at 220-240V; 50/60 Hz.

Item code	11.1546.3248.33
Product type	IN
Category	Recessed Downlights
Family	Berylled O
Subfamily	Beryl
Materials	Luminaire body built in die-cast aluminium with matt polycarbonate frontal diffuser.
Optical system	Luminaire built-in a Polycarbonate opal diffuser.
Installation instructions	Luminaire designed for ceiling recessed installation.
Pictograms	CE



Scheme Scheme



Product	
Real power (W)	23
Real luminous flux (Lm)	2253
Luminous efficiency (Lm/W)	98
Beam angle (°)	80
Life time (h)	50000
IP	54/20
Electrical class insulation	Class 2
Operating temperature	from -20°C to 35°C
Electrical feeding	220240V, 50/60Hz
Colour	White
Energy efficiency class	A +

Control gear		
Control gear included	Yes	
Control gear	Electronic Control Gear	
Factor de potencia	0,98	
Light source		
Light source included	Yes	
Light source	Led	
Nominal power (W)	21	
Nominal luminous flux (Lm)	3000	
Colour temperature (K)	3000	

5

80

Photometry

CRI

Colour consistency (SDCM)



Photometry

