



# Fixed circular Luminaire DOWNLIGHT from family BRIM by TROLL.

#### DESCRIPTION

Adjustable round downlight from the TROLL family Brim setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of  $4000^\circ$  K (cold 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. Luminaire is IP20. Luminaire built-in an primary reflector made of high purity aluminium plus an antiglare cone reflector. with an angle beam of  $15^\circ, 25^\circ$  ó  $50^\circ$ . Luminaire sets a 21 W LED source with CRI higher than 85% and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 1350/1270/1210 Lm, with an efficiency of 62 Lm/W and a total consumption of 22 W. The average life for the luminaire is 50000 h (established at a minimum flux of 70% from the original). Luminaire built-in a DALI dimmable electronic control gear fed at 220-240V; 50/60 Hz.

Item code	11.1226.XX00.XX
Product type	IN
Category	Recessed Downlights
Family	Brim
Subfamily	Brim T2 Cono
Materials	Luminaire body built in die-cast aluminium.
Optical system	Luminaire built-in a primary reflector made of high purity aluminium plus an antiglare cone reflector.
Installation instructions	Luminaire designed for ceiling recessed installation.
Pictograms	850° C

Dimensions		
Product dimensions (mm)	ø110 x 190	
Packing dimensions (mm)	227 x 157 x 145	
Net weight (g)	750	
Gross weight (Kg)	0,951	
Drilling hole (mm)	Ø104	

Product		
Real power (W)	22	
Real luminous flux (Lm)	1350/ 1270/1210	
Luminous efficiency (Lm/W)	62	
Beam angle (°)	10°/25°/50°	
Life time (h)	50000	
IP	20	
Electrical class insulation	Class 1	
Operating temperature	from -20 °C to 35 °C	
Electrical feeding	220230V, 50/60Hz	
Energy efficiency class	A	

Control gear	
Control gear included	Yes
Control gear	DALI Dimmable Electronic Control Gear
Factor de potencia	0,95
Harmonic distortion (%)	< 20

Light source	
Light source included	Yes
Light source	Led
Nominal power (W)	21
Nominal luminous flux (Lm)	1750
Average life time (h)	50000
Colour temperature (K)	4000
Colour consistency (SDCM)	3
CRI	80

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Led engine



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#### Reflectors

 $10 = 10^{\circ}$   $25 = 25^{\circ}$   $50 = 50^{\circ}$ 



## 11.

### Cone reflector

00.02 = Golden cone 00.04 = Black cone 00.21 = Grey cone 00.33 = White cone



11.

Accesories	
11.1200.0001.00	Protection glass.
11.1200.0003.00	Anti glare honeycomb.