Round format fix downlight from the TROLL family Contract.

DESCRIPTION

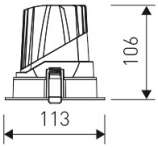
Round format fix downlight from the TROLL family Contract setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000º K (neutral white) optimised to be used as general & accent lighting for commercial areas shop-windows and different indoor 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 24º. Luminaire sets a 13 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Luminaire UGR<19. Fixture has a luminous flux of 1300 Lm, with an efficiency of 83,9 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 DALI dimmable fed at 220-240V; 50/60 Hz.

Item code	**11.1602.2143.33**
Product type	**IN**
Category	**Recessed Downlights**
Family	**Contract**
Subfamily	**Contract F**
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	

Dimensions	
Product dimensions (mm)	**Ø113 x 106**
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)	**1300**
U.G.R. (%)	**< 19**
Luminous efficiency (Lm/W)	**83,9**
Beam angle (º)	**24**
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	**DALI 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)	**1700**
Colour temperature (K)	**4000**
Colour consistency (SDCM)	**3**
CRI	**80**

Accesories	
11.1603.0021.04	**Reflector for 13W.**
11.1603.0021.33	**Reflector for 13W.**
11.1603.0022.04	**Honeycomb mesh for 13W.**