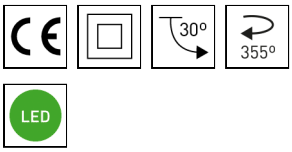
Adjustable round downlight from the TROLL family Contract.

DESCRIPTION

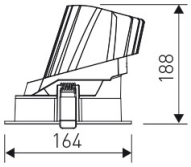
Adjustable round downlight from the TROLL family Contract setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000º K (neutral white) optimised to be used as general & accent lighting for commercial areas shop-windows and different indoor 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 32 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Luminaire sets a ball joint system which allows rotation 355º and tilting 30º. Fixture has a luminous flux of 3231 Lm, with an efficiency of 89,8 Lm/W and a total consumption of 36 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	**11.1601.5843.33**
Product type	**IN**
Category	**Recessed Downlights**
Family	**Contract**
Subfamily	**Contract A**
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)	**Ø164 x 188**
Net weight (g)	**1080**
Gross weight (Kg)	**1,16**
Drilling hole (mm)	**Ø 150**

Scheme

Scheme



Product	
Real power (W)	**36**
Real luminous flux (Lm)	**3231**
U.G.R. (%)	**< 19**
Luminous efficiency (Lm/W)	**89,8**
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	**Electronic Control Gear**
Factor de potencia	**0,99**

Light source	
Light source included	**Yes**
Light source	**Led**
Nominal power (W)	**32**
Nominal luminous flux (Lm)	**4300**
Colour temperature (K)	**4000**
Colour consistency (SDCM)	**3**
CRI	**80**

Photometry

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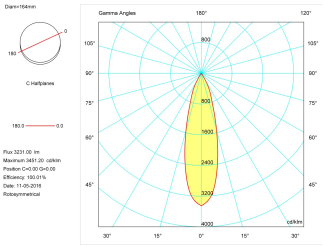
Diam=164mm
0
180
C Halfplanes
180.0
0.0
Flux 3231.00 lm
Maximum 3451.20 cd/klm
Position C=0.00 G=0.00
Efficiency: 100.01%
Data: 11.05.2018
Rotasymmetrical
Gamma Angles
180°
120°
105°
90°
75°
60°
45°
800
1600
2400
3200
4000
cd/klm
30°
15°
0°