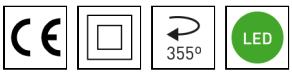
Round wallwasher downlight from the TROLL family Contract.

DESCRIPTION

Round wallwasher downlight from the TROLL family Contract 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 & 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 wallwasher. Luminaire sets a 32 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 2028 Lm, with an efficiency of 58 Lm/W and a total consumption of 35 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 Dimmable 1-10V fed at 220-240V; 50/60 Hz.

Item code	**11.1603.5030.33**
Product type	**IN**
Category	**Recessed Downlights**
Family	**Contract**
Subfamily	**Contract W**
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 165**
Net weight (g)	**1080**
Gross weight (Kg)	**1,16**
Drilling hole (mm)	**Ø 150**

Scheme

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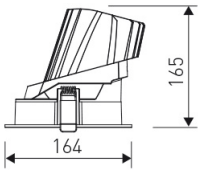

Product	
Real power (W)	**35**
Real luminous flux (Lm)	**2028**
Luminous efficiency (Lm/W)	**58**
Beam angle (º)	**W30**
Life time (h)	**50000**
IP	**44/20**
Electrical class insulation	**Class 2**
Operating temperature	**from -20°C to 35°C**
Electrical feeding	**220..240V, 50/60Hz**
Colour	**White**
Energy efficiency class	**A**

Control gear	
Control gear included	**Yes**
Control gear	**1-10V Dimmable 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)	**4200**
Colour temperature (K)	**3000**
Colour consistency (SDCM)	**3**
CRI	**80**

Photometry

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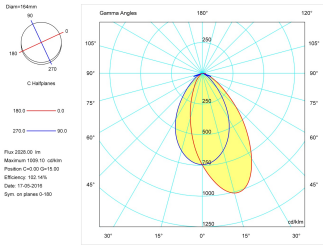
Diam=164mm
90
0
180
270
C Halfplanes
180.0
0.0
270.0
90.0
Flux 2028.00 lm
Maximum 1509.10 cd/klm
Position C=0.00 G=15.00
Efficiency: 192.14%
Date: 17-05-2018
Sym. on planes 0-180
Gamma Angles
180°
120°
105°
90°
75°
60°
45°
250
500
750
1000
1250
30°
15°
0°
cd/klm