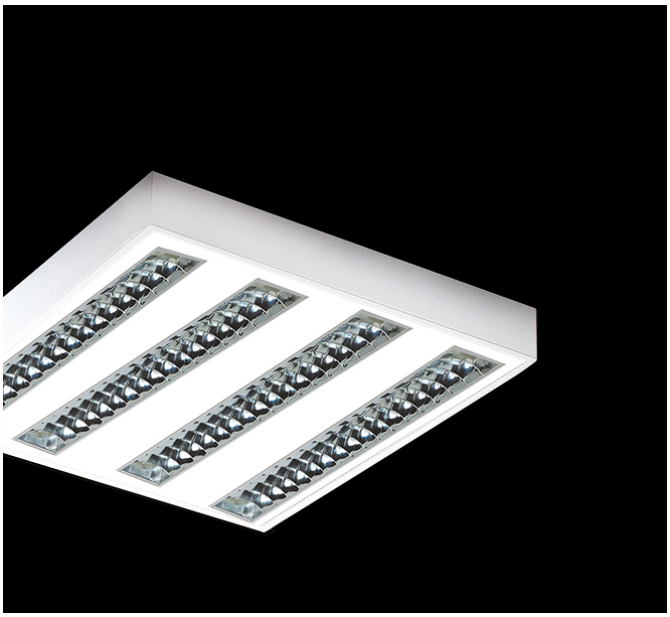
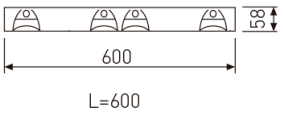


Dimensions	
Product dimensions (mm)	600 x 600 x 57
Packing dimensions (mm)	610 x 610 x 80
Net weight (g)	3800
Gross weight (Kg)	4

Scheme
Scheme



Surface luminaire from the TROLL family Series 440.

DESCRIPTION

Surface luminaire from the TROLL family Series 440 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 lighting working areas such as classrooms, or offices where there is no possibility of recessing. Designed for ceiling surface mounted. Luminaire body made from stainless steel sheet finished in white. Luminaire built-in an high purity aluminium reflector with frontal opal diffuser with an angle beam of 90º. Luminaire sets a 40 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 3546 Lm, with an efficiency of 80,6 Lm/W and a total consumption of 44 W. The average life for the luminaire is 60000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear fed at 220-240V; 50/60 Hz.

Item code	431L/4884D/33
Product type	IN
Category	Surface Luminaires
Family	Serie 440
Subfamily	Serie 440
Materials	Luminaire body made from stainless steel sheet.
Optical system	Luminaire built-in a high purity aluminium reflector with frontal opal diffuser.
Installation instructions	Luminaire designed for ceiling surface mounted.
Pictograms	

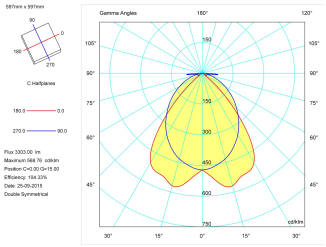
Product	
Real power (W)	44
Real luminous flux (Lm)	3546
Luminous efficiency (Lm/W)	80,6
Beam angle (º)	74
Life time (h)	60000
IP	20
Electrical class insulation	Class 1
Operating temperature	from -20°C to 35°C
Electrical feeding	220..240V, 50/60Hz
Colour	White
Energy efficiency class	A

Control gear	
Control gear included	Yes
Control gear	1-10V Dimmable Electronic Control Gear
Factor de potencia	0,98

Light source	
Light source included	Yes
Light source	Led
Nominal power (W)	36
Nominal luminous flux (Lm)	5280
Colour temperature (K)	4000
Colour consistency (SDCM)	3
CRI	80

Photometry

Photometry


597mm x 597mm
90
0
180
270
C Halfplanes
180.0
0.0
270.0
90.0
Flux 3303.00 lm
Maximum 566.76 cd/klm
Position C=0.00 G=15.00
Efficiency: 104.33%
Date: 25-05-2015
Double Symmetrical
Gamma Angles
180°
120°
105°
90°
75°
60°
45°
150
300
450
600
750
30°
15°
0°
cd/klm