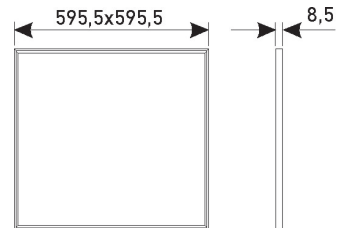


**Dimensions**

Product dimensions (mm)	595 x 595 x 8,5
Packing dimensions (mm)	640 x 640 x 50
Net weight (g)	3000
Gross weight (Kg)	3,1

**Scheme**

Scheme



**Product**

Real power (W)	35,4
Real luminous flux (Lm)	3406
Luminous efficiency (Lm/W)	96,2
Beam angle (°)	116
Life time (h)	25000
IP	44/20
IK	05
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+
Diffuser	PC opal diffuser

**Control gear**

Control gear included	Yes
Control gear	Dimmable electronic Bluetooth ballast for Tuneable White
Factor de potencia	0,9

**Light source**

Light source included	Yes
Light source	Led
Nominal power (W)	31
Nominal luminous flux (Lm)	4800
Colour temperature (K)	from 2700K to 6500K
Colour consistency (SDCM)	6
CRI	80

**Photometry**

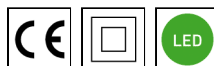
**High efficiency tuneable white luminaire 600 x 600 for gridding ceilings from the TROLL family Smartpanel.**

**DESCRIPTION**

High efficiency tuneable white luminaire 600 x 600 for gridding ceilings from the TROLL family Smartpanel setting an advanced and innovative thermal balance system through passive dissipation with variable colour temperature from 2700° K (extra-warm white) until 6500° K (cold white) optimised to be used as general lighting of offices, schools, commercial areas or architectural spaces. Smartpanel has been designed for ceiling recessed installation. Luminaire body made from aluminium finished in white. Luminaire built-in a polycarbonate opal diffuser with an angle beam of 116° and frontal side is IP44. Luminaire sets a 31 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 6 SMCD. Fixture has a luminous flux of 3406 Lm, with an efficiency of 96,2 Lm/W and a total consumption of 35,4 W. The average life for the luminaire is 25000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an electronic tuneable white gear controlled by Bluetooth technology (through app for iOS system or remote control) fed at 220-240V; 50/60 Hz.

Item code	11.1840.1801.33
Product type	IN
Category	Recessed Luminaires
Family	Panel
Subfamily	Smartpanel
Materials	Luminaire body made from aluminium finished in white.
Optical system	Luminaire built-in a polycarbonate opal diffuser with an angle beam of 116°.
Installation instructions	Smartpanel has been designed for ceiling recessed installation. It can be installed surface mounted or hanging using installation accessories.

**Pictograms**



Photometry

