



1685mm length minimalist LED linear luminaire for single use from the TROLL family Essence setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 3000° K (warm white) optimised to be used as general indoor lighting for offices, hospitals commercial areas or residential & contract spaces. Designed for ceiling surface mounted or suspended. Luminaire body built in extruded aluminium finished in black. Luminaire is IP40. Luminaire built-in an Polycarbonate opal diffuser with an angle beam of 85°. Luminaire sets a 29 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 2515 Lm, with an efficiency of 75,5 Lm/W and a total consumption of 33,3 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/OFF fed at 220-240V; 50/60 Hz.

Control gear included	Yes
Control gear	Electronic Control Gear
Factor de potencia	0.94

Light source included	Yes
Light source	Led
Nominal power (W)	29
Nominal luminous flux (Lm)	3600
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

Figure 1 is a polar plot showing the angular distribution of the ratio of the real to the imaginary part of the normalized scattering coefficient, R/I , for a 1000 MHz plane wave incident on a 100 mm x 100 mm dielectric slab. The plot is centered at 180 degrees (backscatter) and shows a main lobe at 180 degrees and a smaller lobe at 0 degrees. The color scale ranges from 0.0 (red) to 0.0 (blue). The plot is labeled with "Gamma Angles" and "R/I".

Accessories	
11.1671.0001.04	Suspension with 3 poles electrical wire.
138/511/04	Suspension without fed wiring.