



1125 mm length minimalist LED linear luminaire for continuous lines construction 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 white. Luminaire is IP40. Luminaire built-in a Polycarbonate opal diffuser with an angle beam of 85°. Luminaire sets a 19,5 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 MCD. Fixture has a luminous flux of 1677 Lm, with an efficiency of 76,2 Lm/W and a total consumption of 22 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 DALI dimmable fed at 220-240V: 50/60 Hz.

850° C  

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

Light source included	Yes
Light source	Led
Nominal power (W)	19,5
Nominal luminous flux (Lm)	2700
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

Figure 1 is a polar plot showing the radiation pattern of a 100W, 120V, 60Hz, 2-pole, 1-phase motor. The plot is a polar coordinate system with concentric circles representing power levels from 0 to 100. The radial axis is labeled "Gamma Angles" with values 0, 30, 60, 90, 120, 150, 180, 210, 240, 270, 300, 330, 360. The angular axis is labeled "Gamma Angles" with values 0, 30, 60, 90, 120, 150, 180, 210, 240, 270, 300, 330, 360. The plot shows a single lobe centered at 180 degrees, reaching a maximum value of 100. A small inset diagram shows the motor's physical layout with a 100W, 120V, 60Hz, 2-pole, 1-phase motor and a 100W, 120V, 60Hz, 2-pole, 1-phase motor.

Accessories	
11.1671.0002.63	Suspension with 5 poles electrical wire.
11.1671.0004.00	Essence Ecoled aligner for continous line DALI
11.1671.0005.63	End cap recessed Essence Ecoled .
138/511/63	Suspension without fed wiring.