



Essential LEDtube

ESSENTIAL LEDtube 600mm 8W840 G5 I APR

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Product data

General Information	
Cap base	G5 [G5]
Main application	Industrial
Nominal lifetime (nom.)	30000 h
Switching cycle	50000X
B50L70	30000 h
Light Technical	
Colour Code	840 [CCT of 4,000 K]
Lamp Luminous Flux 25°C EL (Nom)	1050 lm
Lamp Luminous Flux (Nom)	1050 lm
Colour Temperature, horizontal (Nom)	4000 K
Colour consistency	<6
Colour Rendering Index, horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	8 W
Lamp current (max.)	89 mA
Lamp current (min.)	39 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s

Power factor (nom.)	0.92
Voltage (Nom)	100–240 V
Temperature	
T ambient (max.)	45 °C
T ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product length	600 mm
Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh

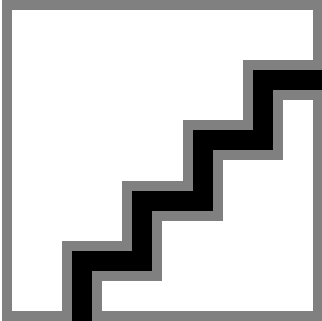
Essential LEDtube

Product Data

Full product code	871869673198700
Order product name	ESSENTIAL LEDtube 600mm 8W840 G5 I APR
EAN/UPC – product	8718696731987
Order code	929001380708
Numerator – quantity per pack	1

Numerator – packs per outer box	20
Material no. (12NC)	929001380708
Net weight (piece)	0.080 kg

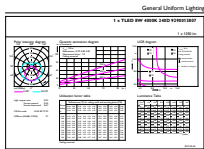
Dimensional drawing



TLED 600mm 100-240V 8-14W 1050lm 4000K

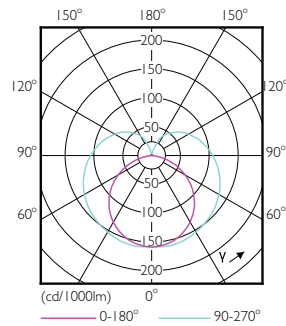
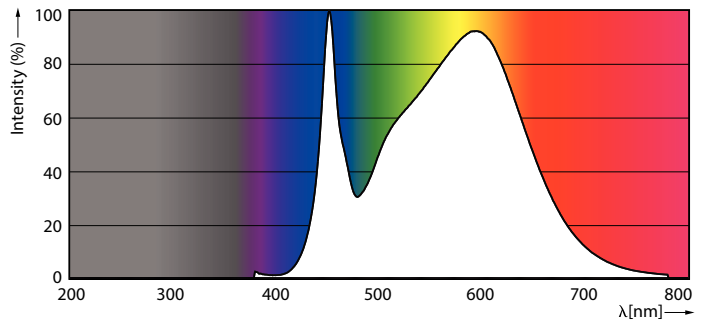
Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 600mm 8W840 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

Photometric data



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Lifetime

