



Essential LEDtube

ESSENTIAL LEDtube 600mm 8W830 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	830 [CCT of 3,000 K]
Lamp Luminous Flux 25°C EL (Nom)	1000 lm
Lamp Luminous Flux (Nom)	1000 lm
Colour Temperature, horizontal (Nom)	3000 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

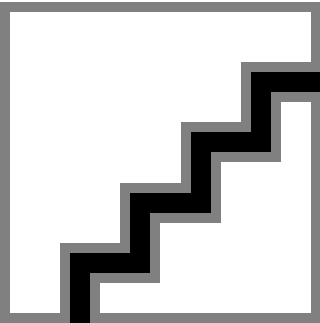
Power factor (nom.)	0.92
Voltage (Nom)	100–240 V
Temperature	
T ambient (max.)	45 °C
T ambient (min.)	–20 °C
T storage (max.)	65 °C
T storage (min.)	–40 °C
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product length	600 mm
Approval and Application	
Energy efficiency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

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Product Data	
Full product code	871869673196300
Order product name	ESSENTIAL LEDtube 600mm 8W830 G5 I APR
EAN/UPC – product	8718696731963
Order code	929001380608
Numerator – quantity per pack	1

Numerator – packs per outer box	20
Material no. (12NC)	929001380608
Net weight (piece)	0.080 kg

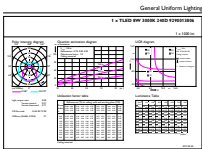
Dimensional drawing



TLED 600mm 100-240V 8-14W 1050lm 3000K

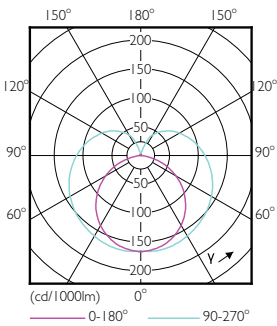
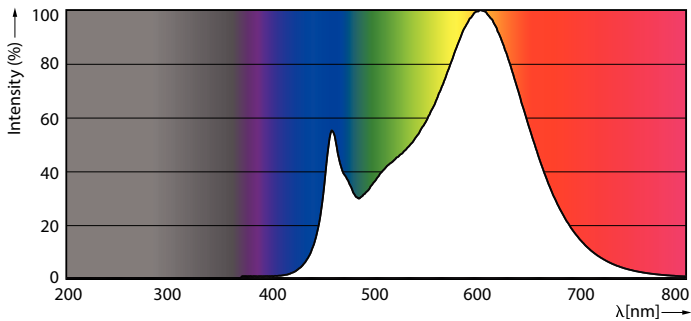
Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 600mm 8W830 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

Photometric data



General Illumination E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17 E18 E19 E20 E21 E22 E23 E24 E25 E26 E27 E28 E29 E30 E31 E32 E33 E34 E35 E36 E37 E38 E39 E40 E41 E42 E43 E44 E45 E46 E47 E48 E49 E50 E51 E52 E53 E54 E55 E56 E57 E58 E59 E60 E61 E62 E63 E64 E65 E66 E67 E68 E69 E70 E71 E72 E73 E74 E75 E76 E77 E78 E79 E80 E81 E82 E83 E84 E85 E86 E87 E88 E89 E90 E91 E92 E93 E94 E95 E96 E97 E98 E99 E100

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Lifetime

