



Essential LEDtube

ESSENTIAL LEDtube 1200mm 16W865 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	865 [CCT of 6,500 K]
Luminous flux (nom.)	2100 lm
Luminous flux (rated) (nom.)	2100 lm
Correlated colour temperature (nom.)	6500 K
Colour consistency	<6
Color rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	16 W
Lamp current (max.)	179 mA
Lamp current (min.)	77 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	1200 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	16 kWh

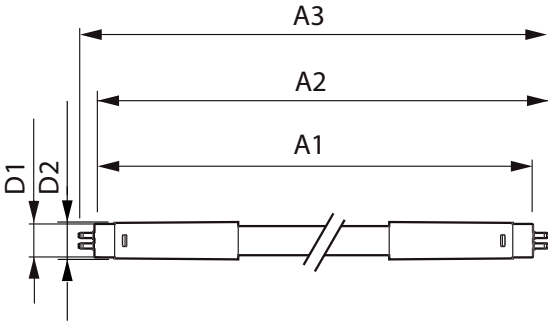
Essential LEDtube

Product Data

Full product code	871869673206900
Order product name	ESSENTIAL LEDtube 1200mm 16W865 G5 I APR
EAN/UPC – product	8718696732069
Order code	73206900
Numerator – quantity per pack	1

Numerator – packs per outer box	20
Material no. (12NC)	929001381108
Net weight (piece)	0.180 kg

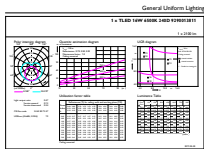
Dimensional drawing



TLED 1200mm 100-240V 16-28W 6500K

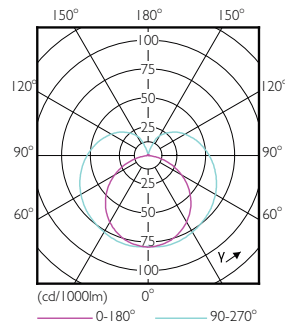
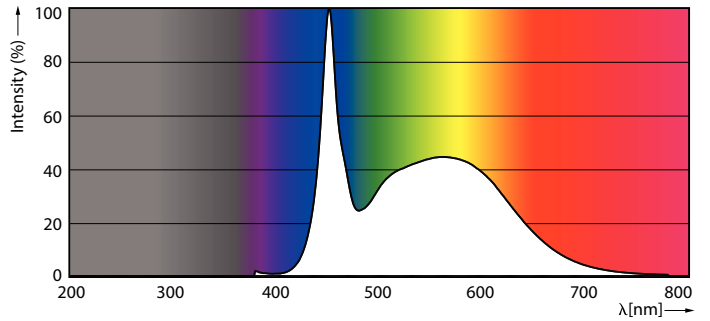
Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1200mm 16W865 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

Photometric data



General Information 01 Photo Lighting 01 Page 17

ESSENTIAL LEDtube 16W G5 865 APR



Essential LEDtube

Lifetime

