



Essential LEDtube

CorePro 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]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	30000 h
Switching cycle	50,000X
Light Technical	
Colour Code	865 [CCT of 6,500 K]
Technical Beam Angle (Nom)	200 °
Lamp Luminous Flux 25°C EL (Nom)	2100 lm
Colour Designation	Cool Daylight
Colour Temperature, horizontal (Nom)	6500 K
Lamp Luminous Efficacy EM (Nom)	131.00 lm/W
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)	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
Bulb shape	Tube, double-ended
Approval and Application	
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate

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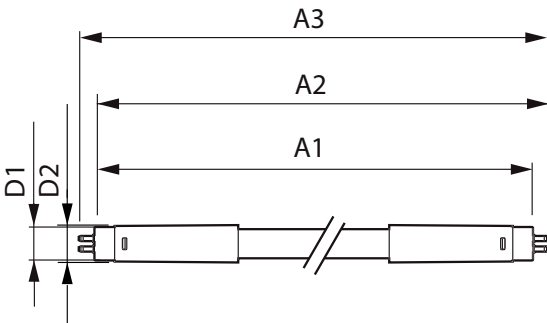
Energy consumption kWh/1,000 hours 16 kWh

Product Data

Full product code	871869673206900
Order product name	CorePro LEDtube 1200mm 16W865 G5 I APR
EAN/UPC – product	8718696732069
Order code	929001381108

SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	929001381108
SAP net weight (piece)	0.124 kg

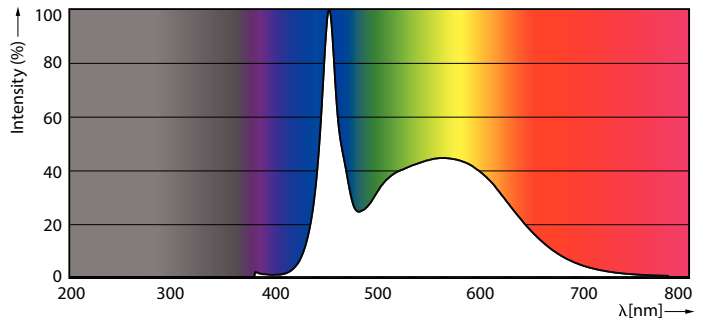
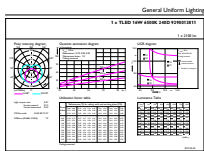
Dimensional drawing



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

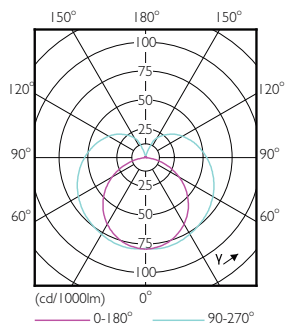
Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W865 G5 I APR	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

Photometric data



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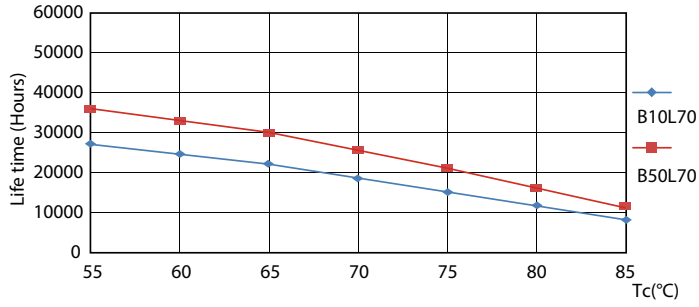
ESSENTIAL LEDtube 8W G5 865 APR



ESSENTIAL LEDtube 16W G5 840 APR

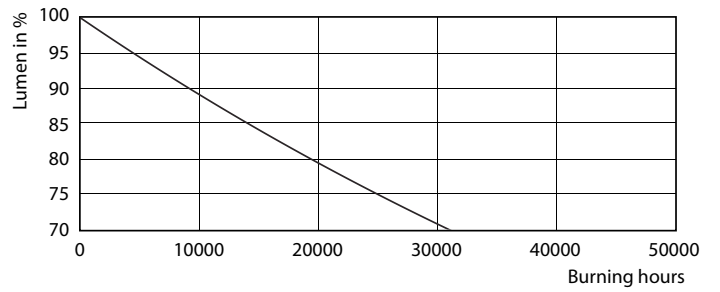
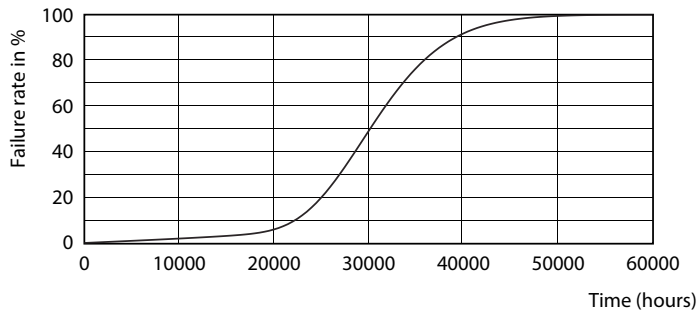
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Lifetime



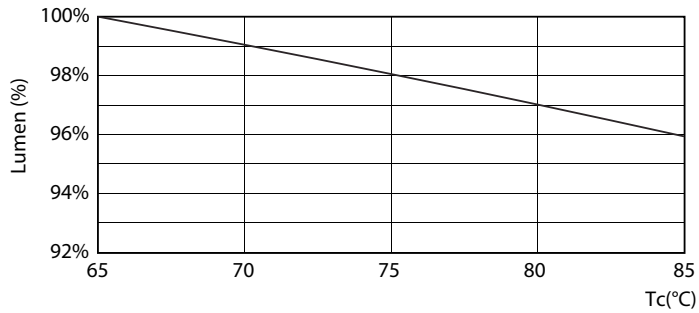
ESSENTIAL LEDtube 8-16W G5 830-865 APR

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