



Essential LED tubes T5 Mains

MASTER LEDtube 600mm 7.5W865 G5 I

The Essential LEDtube T5 is an affordable LED solution suitable for replacing T5 fluorescent lamps. Thanks to a unique design, Philips Essential LED tube T5 Mains can be directly installed in luminaires operating on mains power connection. 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]			
Nominal lifetime (nom.)	40000 h			
Switching cycle	50000X			
Light Technical				
Colour Code	865 [CCT of 6,500 K]			
Beam Angle (Nom)	160 °			
Lamp Luminous Flux 25°C EL (Nom)	800 lm			
Colour Temperature, horizontal (Nom)	6500 K			
Colour consistency	<6			
Colour Rendering Index,horiz (Nom)	83			
LLMF at end of nominal lifetime (nom.) 70 %				
Operating and Electrical				
Input frequency	50 to 60 Hz			
Power (Rated) (Nom)	7.5 W			
Starting time (nom.)	0.5 s			
Warm-up time to 60% light (nom.)	0.5 s			
Power factor (nom.)	0.9			

Voltage (Nom)	19 V
Temperature	
T ambient (max.)	45 °C
T ambient (min.)	-20 ℃
T storage (max.)	65 ℃
T storage (min.)	-40 °C
T-Case maximum (nom.)	60 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product length	600 mm
Approval and Application	
Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Suitable for accent lighting	No

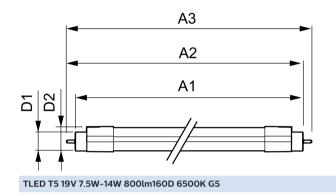
Datasheet, 2020, January 27 data subject to change

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Approval marks	RoHS compliance KEMA Keur certificate CE			
	marking			
Energy Consumption kWh/1000 h	9 kWh			
Product Data				
Full product code	694793910976000			
Order product name	MASTER LEDtube 600mm 7.5W865 G5 I			
EAN/UPC – product	6947939109760			

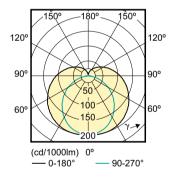
Order code	929001155010			
Numerator – quantity per pack	1			
Numerator – packs per outer box	20			
Material no. (12NC)	929001155010			
Net weight (piece)	0.076 kg			

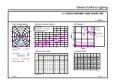
Dimensional drawing



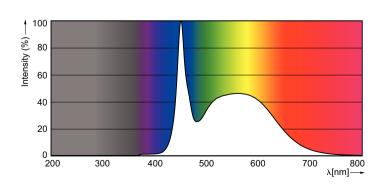
Product	D1	D2	A1	A2	А3
MASTER LEDtube 600mm	15.8 mm	21.0 mm	548.0 mm	555.0 mm	562.0 mm
7.5W865 G5 I					

Photometric data





LED Lamps, LEDtubes, MASTER LEDtube 600mm 7.5W 6500K G5 I



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