



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		Power (Rated) (Nom)	
Cap base	G5 [G5]		7.5 W
Main application	Industrial	Lamp current (nom.)	400 mA
Nominal lifetime (nom.)	40000 h	Starting time (nom.)	0.5 s
Switching cycle	50000X	Warm-up time to 60% light (nom.)	0.5 s
B50L70	40000 h	Power factor (nom.)	0.9
		Voltage (Nom)	19 V
Light Technical		Temperature	
Colour code	865 [CCT of 6,500 K]	T ambient (max.)	45 °C
Beam Angle (Nom)	160 °	T ambient (min.)	-20 °C
Luminous flux (nom.)	800 lm	T storage (max.)	65 °C
Luminous flux (rated) (nom.)	800 lm	T storage (min.)	-40 °C
Rated beam angle	160 °	T-Case maximum (nom.)	60 °C
Correlated colour temperature (nom.)	6500 K		
Colour consistency	<6	Controls and Dimming	
Color rendering index (nom.)	83	Dimmable	No
LLMF at end of nominal lifetime (nom.)	70 %		
Operating and Electrical		Mechanical and Housing	
Input frequency	50 to 60 Hz	Product length	600 mm

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Approval and Application

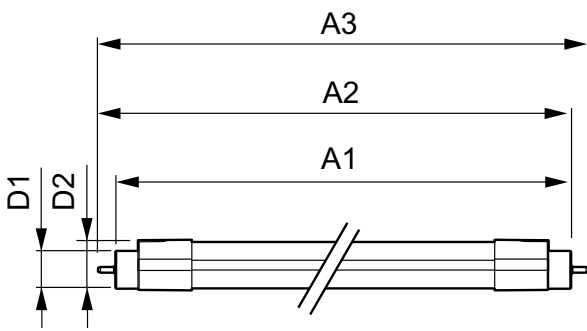
Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Suitable for accent lighting	No
Approval marks	RoHS compliance KEMA Keur certificate CE marking
Energy Consumption kWh/1000 h	9 kWh

Product Data

Full product code	694793910976000
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Order product name	MASTER LEDtube 600mm 7.5W865 G5 I
EAN/UPC – product	6947939109760
Order code	10976000
Numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12NC)	929001155010
Net weight (piece)	0.076 kg

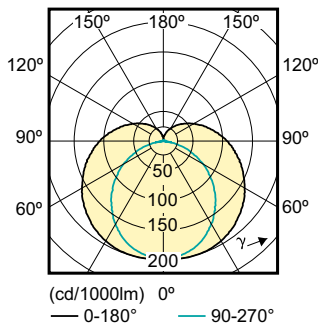
Dimensional drawing



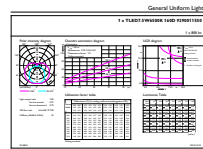
TLED T5 19V 7.5W-14W 800lm160D 6500K G5

Product	D1	D2	A1	A2	A3
MASTER LEDtube 600mm 7.5W865 G5 I	15.8 mm	21.0 mm	548.0 mm	555.0 mm	562.0 mm

Photometric data



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



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