



# Essential LED tubes T5 Mains

## ESSENTIAL LEDtube 1200mm 16W865 G5 I MX

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

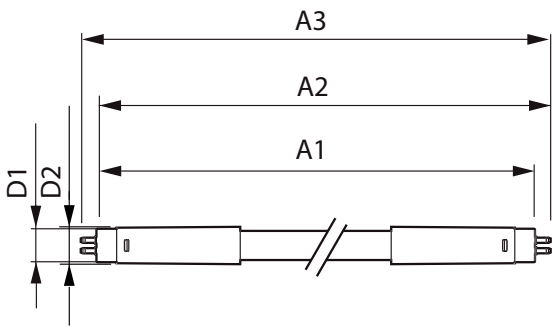
<b>General Information</b>		<b>Lamp Current (Max)</b>		175 mA
Cap-Base	G5 [ G5]	<b>Lamp Current (Min)</b>		70 mA
Nominal Lifetime (Nom)	30000 h	<b>Starting Time (Nom)</b>		0.5 s
Switching Cycle	50000X	<b>Warm Up Time to 60% Light (Nom)</b>		0.5 s
B50L70	30000 h	<b>Power Factor (Nom)</b>		0.92
<b>Light Technical</b>		<b>Voltage (Nom)</b>		100-240 V
Color Code	865 [ CCT of 6500K]	<b>Temperature</b>		
Luminous Flux (Nom)	1850 lm	<b>T-Ambient (Max)</b>		45 °C
Luminous Flux (Rated) (Nom)	1850 lm	<b>T-Ambient (Min)</b>		-20 °C
Correlated Color Temperature (Nom)	6500 K	<b>T-Storage (Max)</b>		65 °C
Color Consistency	<6	<b>T-Storage (Min)</b>		-40 °C
Color Rendering Index (Nom)	80	<b>T-Case Maximum (Nom)</b>		70 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	<b>Controls and Dimming</b>		
<b>Operating and Electrical</b>		<b>Dimmable</b>		No
Input Frequency	50 to 60 Hz			
Power (Rated) (Nom)	16 W			

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Mechanical and Housing	
Product Length	1100 mm
Approval and Application	
Energy Saving Product	Yes
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Product Data	
Full product code	871869666754500

Order product name	ESSENTIAL LEDtube 1200mm 16W865 G5 I MX
EAN/UPC - Product	8718696667545
Order code	929001275312
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001275312
Net Weight (Piece)	0.155 kg

Dimensional drawing



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

TLED 100-240V 16-28W 240D 6500K G5 ND

