



Essential LED tubes T5 Mains

CorePro 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

General information		
Cap-Base	G5 [G5]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	30000 h	
Switching Cycle	50000X	
Light technical		
Color Code	865 [CCT of 6500K]	
Beam Angle (Nom)	200°	
Luminous Flux (Nom)	1850 lm	
Color Designation	Cool Daylight	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	115.00 lm/W	
Color 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 (Nom)	16 W	

Lamp Current (Max)	175 mA		
Lamp Current (Min)	70 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 ℃		
T-Storage (Min)	-40 °C		
T-Case Maximum (Nom)	70 ℃		
Controls and dimming			
Dimmable	No		
Mechanical and housing			
Product Length	1200 mm		

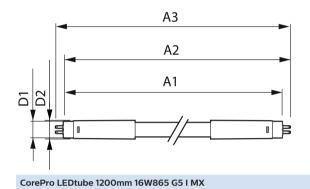
Datasheet, 2021, October 11 data subject to change

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Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur
	certificate
Energy Consumption kWh/1000 h	- kWh
Product data	
Full product code	871869666754500

Order product name	CorePro 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)	0.124 kg

Dimensional drawing



Product	D1	D2	A1	A2	А3
CorePro LEDtube 1200mm	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
16W865 G5 I MX					



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