



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]			
Nominal lifetime	30,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	865 [CCT of 6500K]			
Beam Angle (Nom)	200 degree(s)			
Luminous Flux	1,850 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 (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Frequency	50 to 60 Hz			

Input Frequency	50 to 60 Hz			
Power Consumption	16 W			
Lamp Current (Max)	175 mA			
Lamp Current (Min)	70 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.92			
Voltage (Nom)	100-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	70 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1,200 mm			
Bulb Shape	T5			

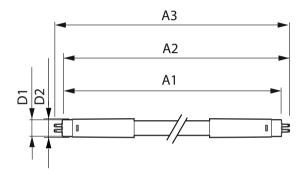
Datasheet, 2024, January 12 data subject to change

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Approval and Application				
Energy Saving Product	Yes			
Approval Marks	CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	- kWh			
Product Data				
Order product name	CorePro LEDtube 1200mm 16W865 G5 I MX			
Full product name	CorePro LEDtube 1200mm 16W865 G5 I MX			

Full product code	871869666754500	
Order code	929001275312	
Material Nr. (12NC)	929001275312	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696667545	
Numerator - Packs per outer box	20	
EAN/UPC - Case	8718696667552	

Dimensional drawing



Product	D1	D2	A1	A2	А3
CorePro LEDtube 1200mm 16W865	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
G5 I MX					



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