



# **Essential LED tubes T5 Mains**

## CorePro LEDtube 1200mm 16W840 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	840 [ CCT of 4000K]			
Beam Angle (Nom)	200°			
Luminous Flux (Nom)	1850 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 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 ℃		
T-Ambient (Min)	-20 °C		
T-Storage (Max)	65 °C		
T-Storage (Min)	-40 °C		
T-Case Maximum (Nom)	70 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Product Length	1200 mm		

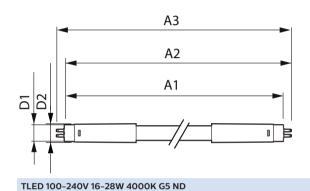
Datasheet, 2020, November 18 data subject to change

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Approval and Application			
Energy Efficiency Label (EEL)	A+		
Energy Saving Product	Yes		
Approval Marks	CE marking RoHS compliance KEMA Keur		
	certificate		
Energy Consumption kWh/1000 h	- kWh		
Product Data			
Full product code	871869666752100		

Order product name	CorePro LEDtube 1200mm 16W840 G5 I MX			
EAN/UPC - Product	8718696667521			
Order code	929001275212			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	20			
Material Nr. (12NC)	929001275212			
Net Weight (Piece)	0.162 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
16W840 G5 I MX					



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