

Essential LED tubes T5 Mains

CorePro LEDtube 1150mm 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	50000			
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		

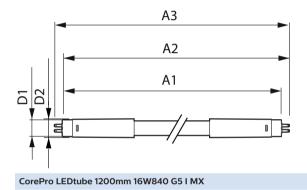
Datasheet, 2022, October 30 data subject to change

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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	871869666752100		
Order product name	CorePro LEDtube 1150mm 16W840 G5 I MX		

EAN/UPC - Product	8718696667521
Order code	929001275212
Numerator - Quantity Per Pack	1
Local code description	ESSENTIAL LEDTUBE 1200MM 16W840 G5 I
	MX
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001275212
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
16W840 G5 I MX					



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