PHILIPS

# **PHILIPS** Lighting

# 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			

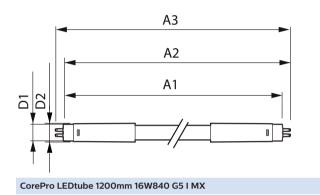
Lamp Current (Max)	175 mA		
Lamp Current (Min)	70 mA		
Starting Time (Nom)	0.5 s		
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.92		
Voltage (Nom)	100-240 V		
Temperature			
T-Ambient (Max)	45 °C		
T-Ambient (Min)	-20 ℃		
T-Storage (Max)	65 ℃		
T-Storage (Min)	-40 °C		
T-Case Maximum (Nom)	70 °C		
Controls and dimming			
Dimmable	No		
Mechanical and housing			
Product Length	1200 mm		

### **Essential LED tubes T5 Mains**

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 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)	0.124 kg			

#### Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
16W840 G5 I MX					



© 2021 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2021, February 28 - data subject to change