

# Lighting

**PHILIPS** 

# CorePro LEDtube EM/ Mains T8

# CorePro LEDtube 1200mm 16W865 C G

The CorePro LEDtube is an affordable LED solution suitable for replacing T8 fluorescent lamps. 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	G13 [ Medium Bi-Pin Fluorescent] Industrial 30000 h					
Main Application						
Nominal Lifetime (Nom)						
Switching Cycle	200000X					
B50L70	30000 h					
Light Technical						
Color Code	865 [ CCT of 6500K]					
Beam Angle (Nom)	240 °					
Luminous Flux (Nom)	1600 lm					
Luminous Flux (Rated) (Nom)	1600 lm 240 °					
Rated Beam Angle						
Correlated Color Temperature (Nom)	6500 K					
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 (Rated) (Nom)	16 W			
Lamp Current (Nom)	74 mA			
Starting Time (Nom)	0.5 s			
Warm Up Time to 60% Light (Nom)	instant full light s			
Power Factor (Nom)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
T-Ambient (Max)	45 °C			
T-Ambient (Min)	-20 °C			
T-Storage (Max)	65 °C			
T-Storage (Min)	-40 °C			
T-Case Maximum (Nom)	56 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1200 mm			

### **CorePro LEDtube EM/Mains T8**

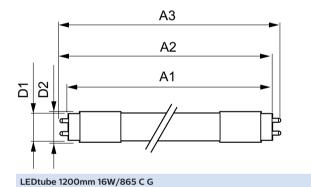
Approval and Application				
Energy Efficiency Label (EEL)	A+			
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	16 kWh			
Product Data				

Order product name	CorePro LEDtube 1200mm 16W865 C G			
EAN/UPC - Product	8718696492833			
Order code	929001173102			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	10			
Material Nr. (12NC)	929001173102			
Net Weight (Piece)	0.215 kg			

#### Warnings and Safety

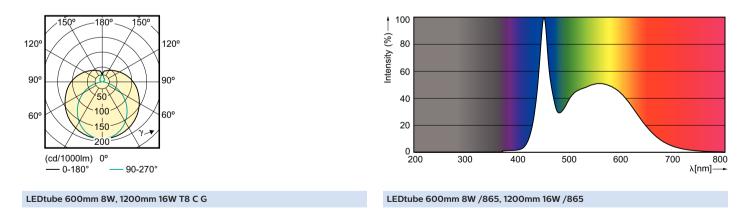
• NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

#### **Dimensional drawing**



CorePro LEDtube 25.68 mm 28 mm 1198.0 mm 1205.0 mm 1212.0 mm	Product	D1	D2	A1	A2	A3
	CorePro LEDtube	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
1200mm 16W865 C G	1200mm 16W865 C G					

## Photometric data



Datasheet, 2019, May 7

**CorePro LEDtube EM/Mains T8** 



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