# **PHILIPS** Lighting

# MASTER LEDtube EM/ Mains T8

# MAS LEDtube STD 1200mm 10.5W865 T8 I

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescent. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

#### Warnings and Safety

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

#### **Product data**

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	50,000 hour(s)				
Switching Cycle	200,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	865 [CCT of 6500K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	1,600 lm				
Color Designation	Cool Daylight				
Correlated Color Temperature (Nom)	6500 K				
Luminous Efficacy (rated) (Nom)	152.00 lm/W				

Color Consistency	<6			
Color rendering index (CRI)	83			
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	10.5 W			
Lamp Current (Max)	55 mA			
Lamp Current (Min)	45 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			

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Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	35 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	ish Frosted				
Bulb Material	Plastic				
Product Length	1,200 mm				
Bulb Shape	Т8				
Approval and Application					
Energy Saving Product	Yes				

Energy Consumption kWh/1000 h 11 kWh   Product Data	
Product Data	
Product Data	
Order product name MAS LEDtube STD 1200r	nm 10.5W865 T8 I
Full product name     MAS LEDtube STD 1200r	nm 10.5W865 T8 I
Full product code     871869668770300	
<b>Order code</b> 929001297708	
Material Nr. (12NC) 929001297708	
Numerator - Quantity Per Pack 1	
<b>EAN/UPC - Product/Case</b> 8718696687703	
Numerator - Packs per outer box 10	
<b>EAN/UPC - Case</b> 8718696687710	

#### Dimensional drawing



#### Photometric data

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General uniform lighting - MAS LEDtube STD 1200mm 10.5W865 T8 I

Product	D1	D2	A1	A2	A3
MAS LEDtube STD 1200mm	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
10.5W865 T8 I					

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