



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 1200mm HO 16W830 T8 RN

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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

#### **Warnings and Safety**

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#### **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	830 [CCT of 3000K]		
Beam Angle (Nom)	160 degree(s)		
Luminous Flux	2,000 lm		
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3000 K		
Color Consistency	<6		
Color rendering index (CRI)	80		
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	16 W			
Lamp Current (Max)	77 mA			
Lamp Current (Min)	68 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.5 s 0.9			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 35 °C			
T-Case Maximum (Nom)	55 °C			

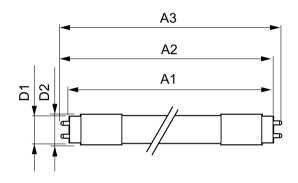
Datasheet, 2023, April 29 data subject to change

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	TUV CE marking RoHS compliance KEMA Keur
	certificate
Energy Consumption kWh/1000 h	16 kWh

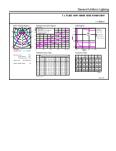
Product Data	
Order product name	MAS LEDtube 1200mm HO 16W830 T8 RN
Full product name	MASTER LEDtube 1200mm HO 16W830 T8 RN
Full product code	871869667775900
Order code	67775900
Material Nr. (12NC)	929001284902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696677759
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696677766

# Dimensional drawing

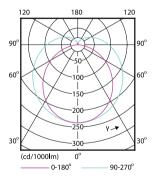


Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm HO	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
16W830 T8 RN					

## Photometric data



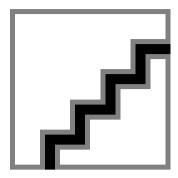




Light Distribution Diagram - MAS LEDtube 1200mm HO 16W830 T8 RN

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## Photometric data



Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 16W830 T8 RN



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