

# MASTER LEDtube EM/ Mains T8

## MAS LEDtube STD 1200mm 14.5W840 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. This product is the ideal solution for up lamping in general lighting applications.

#### **Warnings and Safety**

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### **Product data**

General Information				
Cap-Base	G13 [Medium Bi-Pin Fluorescent]			
Nominal lifetime	40,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	150 degree(s)			
Luminous Flux	1,600 lm			
Correlated Color Temperature (Nom)	4000 K			
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	14.5 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	45 °C			
Controls and Dimming				
Dimmable	No			

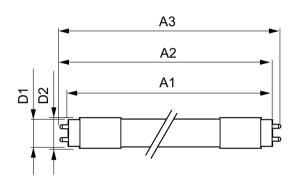
Datasheet, 2023, April 29 data subject to change

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Mechanical and Housing				
Product Length	47-1/4 inch			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	14.5 kWh			
Product Data				
Order product name	MAS LEDtube STD 1200mm 14.5W840 T8 I			

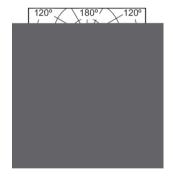
Full product name	MAS LEDtube STD 1200mm 14.5W840 T8 I				
Full product code	871829179312000				
Order code	929001119008				
Material Nr. (12NC)	929001119008				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718291793120				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718291793137				

## Dimensional drawing

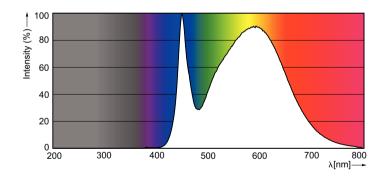


Product	D1	D2	A1	A2	А3
MAS LEDtube STD 1200mm	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
14.5W840 T8 I					

#### Photometric data



Light Distribution Diagram - MAS LEDtube STD 1200mm 14.5W840 T8 I



Spectral Power Distribution Colour - MAS LEDtube STD 1200mm 14.5W840 T8 I

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