

# MASTER LEDtube EM/ Mains T8

## MASTER 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. 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	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		

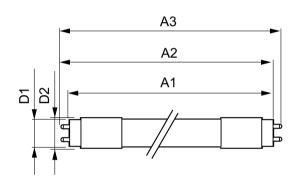
Datasheet, 2023, April 29 data subject to change

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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			

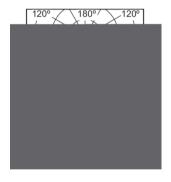
Full product name	MASTER LEDtube STD 1200mm 14.5W840 T8 I			
Full product code	871829179312000			
Order code	79312000			
Material Nr. (12NC)	929001119008			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718291793120			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718291793137			

## Dimensional drawing

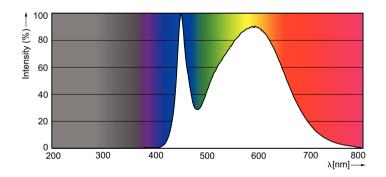


Product	D1	D2	A1	A2	А3
MAS LEDtube STD 1200mm	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
14.5W840 T8 I					

#### 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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