



# MASTER LEDtube EM/ Mains T8

## MAS LEDtube STD 1200mm 10.5W840 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	50,000 hour(s)			
Switching Cycle	200,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	160 degree(s)			
Luminous Flux	1,600 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 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 %		
LENI AL LING OF HOMINIAL EMERINE (HOM)	70.70		
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		
Voltage (Nom)	220-240 V		
Temperature			
Ambient temperature range	-20 °C to 45 °C		
T-Case Maximum (Nom)	35 ℃		
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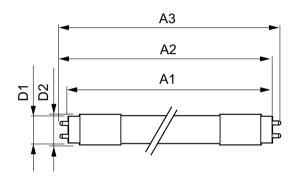
Datasheet, 2023, April 14 data subject to change

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Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Plastic		
Product Length	1,200 mm		
Bulb Shape	Т8		
Approval and Application			
Energy Saving Product	Yes		
Approval Marks	RoHS compliance		
Energy Consumption kWh/1000 h	11 kWh		

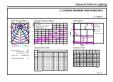
Product Data				
Order product name	MAS LEDtube STD 1200mm 10.5W840 T8			
Full product name	MAS LEDtube STD 1200mm 10.5W840 T8 I			
Full product code	871869668768000			
Order code	929001297608			
Material Nr. (12NC)	929001297608			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696687680			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696687697			

## Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube STD 1200mm	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
10.5W840 T8 I					

#### Photometric data



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General uniform lighting - MAS LEDtube STD 1200mm 10.5W840 T8 I

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