PHILIPS Lighting

B A G

MASTER LEDtube EM/ Mains

MASTER LEDtube 1200mm UE 13.5W 865 T8

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 ROT (Rotating) [Medium Bi-Pin
	Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	75000 h
Switching cycle	200,000X
	Sphere
Light Technical	
Colour Code	865 [CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2500 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	185.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80

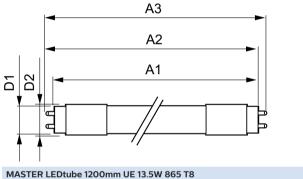
LLMF at end of nominal lifetime (nom.) 70 %				
Operating and Electrical				
Input frequency	50 to 60 Hz			
Power (Rated) (Nom)	13.5 W			
Lamp current (max.)	69 mA			
Lamp current (min.)	56 mA			
Starting time (nom.)	0.5 s			
Warm-up time to 60% light (nom.)	0.5 s			
Power factor (nom.)	0.9			
Voltage (Nom)	220-240 V			
Temperature				
T-ambient (max.)	45 °C			
T-ambient (min.)	-20 °C			
T storage (max.)	65 °C			
T storage (min.)	-40 °C			

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T-Case maximum (nom.)	55 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Lamp Finish	Frosted	
Bulb material	Glass	
Product length	1200 mm	
Bulb shape	Tube, double-ended	
Approval and Application		
Energy Efficiency Class	В	
Energy-saving product	Yes	
Approval marks	TUV	
Approval marks	RoHS compliance CE marking KEMA Keur	
	certificate	

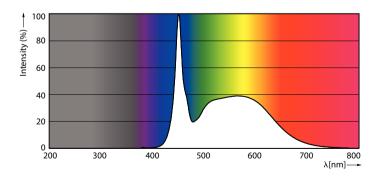
Energy consumption kWh/1,000 hours	14 kWh	
	453168	
Product Data		
Full product code	871951433974300	
Order product name	MASTER LEDtube 1200mm UE 13.5W 865 T8	
EAN/UPC – product	8719514339743	
Order code	33974300	
SAP numerator - quantity per pack	1	
Numerator – packs per outer box	10	
SAP material	929003067102	
SAP net weight (piece)	0.235 kg	

Dimensional drawing



Product D1 A1 A2 А3 MASTER LEDtube 1200mm 25.8 mm 28 mm 1198.2 mm 1205.3 mm 1212.4 mm UE 13.5W 865 T8

D2



LEDtube MAS 13,5W G13 2500lm 865-GUL

Spectral Power Distribution Colour

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MASTER LEDtube 1200	mm UE 13.5W 865 T8	

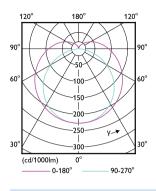
Photometric data

	10	TLED 13.5W 6180K 9290030671
		1 x 2500 m
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Datasheet, 2022, May 16

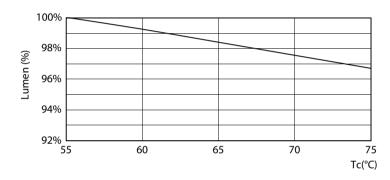
MASTER LEDtube EM/Mains

Photometric data



Light Distribution Diagram

Lifetime



LEDtube MAS 13,5W 70K LumenVsTc-LMP



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