

MAS LEDtube 1200mm UO 15.5W 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. 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 ROT (Rotating) [Medium Bi-Pin				
	Fluorescent]				
Nominal lifetime	60,000 hour(s)				
Switching Cycle	200,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	865 [CCT of 6500K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	2,500 lm				
Color Designation	Cool Daylight				
Correlated Color Temperature (Nom)	6500 K				
Luminous Efficacy (rated) (Nom)	161.00 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	83				

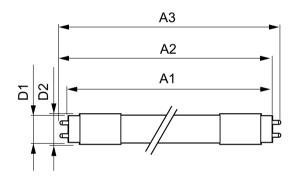
LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Power Consumption	15.5 W			
Lamp Current (Max)	73 mA			
Lamp Current (Min)	67 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	220-240 V			
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Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	55 °C			

Datasheet, 2023, April 29 data subject to change

Controls and Dimension	
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	Т8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur
	certificate
Energy Consumption kWh/1000 h	16 kWh

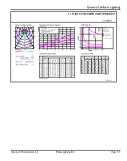
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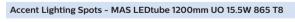
Dimensional drawing

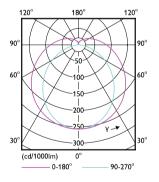


Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm UO 15.5W	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
865 T8					

Photometric data

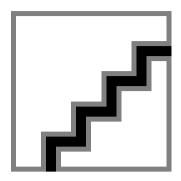






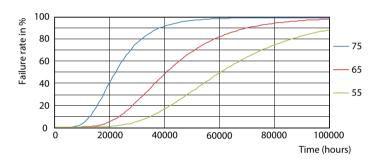
Light Distribution Diagram - MAS LEDtube 1200mm UO 15.5W 865 T8

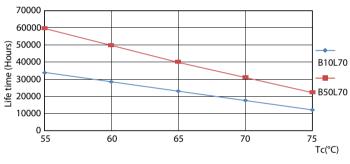
Photometric data



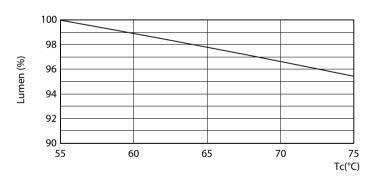
Spectral Power Distribution Colour - MAS LEDtube 1200mm UO 15.5W 865 T8

Lifetime

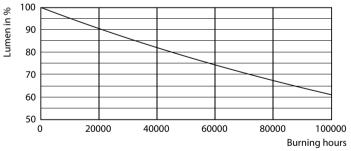




Life Expectancy Diagram - MAS LEDtube 1200mm UO 15.5W 865 T8



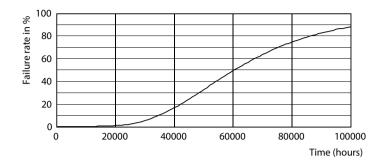
Life Expectancy Diagram - MAS LEDtube 1200mm UO 15.5W 865 T8



Lumen Maintenance Diagram - MAS LEDtube 1200mm UO 15.5W 865 T8

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Lifetime



Life Expectancy Diagram - MAS LEDtube 1200mm UO 15.5W 865 T8



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