

MASTER LEDtube Mains T5

MAS LEDtube 1200mm HE 16.5W 830 T5

The new Philips Master LEDtube Mains T5 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips MASTER LEDtube Mains T5 installs in luminaires operating on mains power connection. So simple to operate! . Perfectly safe, reliable & easy to install Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

Product data

General Information				
Cap-Base	G5			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	200,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	830 [CCT of 3000K]			
Beam Angle (Nom)	200 degree(s)			
Luminous Flux	2,300 lm			
Color Designation	White (WH)			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	139.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom) 70 %				

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Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Power Consumption	16.5 W			
Lamp Current (Max)	180 mA			
Lamp Current (Min)	70 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	100-240 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	70 °C			
Controls and Dimming				
Dimmable	No			

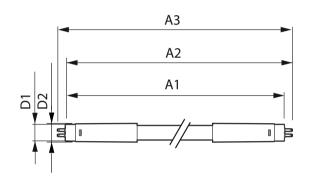
Datasheet, 2024, March 11 data subject to change

MASTER LEDtube Mains T5

Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Glass			
Product Length	1,200 mm			
Bulb Shape	T5			
Approval and Application				
Energy Saving Product	Yes			
Approval Marks	RoHS compliance CE marking KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	17 kWh			

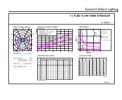
Product Data					
Order product name	MAS LEDtube 1200mm HE 16.5W 830 T5				
Full product name	MAS LEDtube 1200mm HE 16.5W 830 T5				
Full product code	871869978349500				
Order code	929002420908				
Material Nr. (12NC)	929002420908				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718699783495				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718699783501				

Dimensional drawing



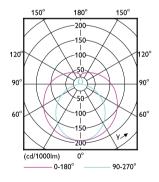
Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm HE 16.5W	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
830 T5					

Photometric data



Calculus Photometrics 4.5 Philips Lighting B.V. Page: UT

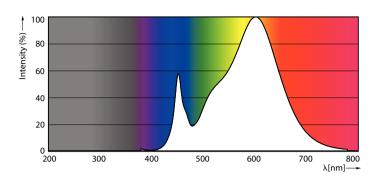




Light Distribution Diagram - MAS LEDtube 1200mm HE 16.5W 830 T5

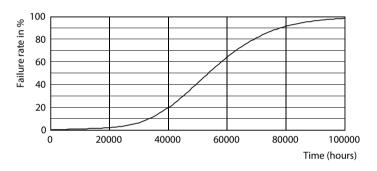
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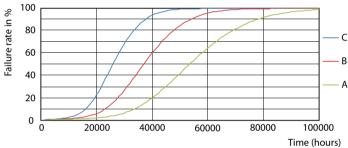
Photometric data



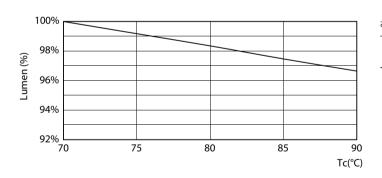
Spectral Power Distribution Colour - MAS LEDtube 1200mm HE 16.5W 830 T5

Lifetime

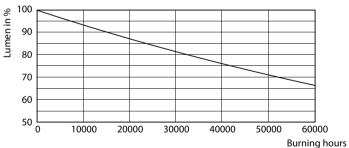




Life Expectancy Diagram - MAS LEDtube 1200mm HE 16.5W 830 T5



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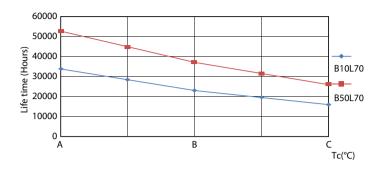


Lumen Maintenance Diagram - MAS LEDtube 1200mm HE 16.5W 830 T5

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Lifetime



Life Expectancy Diagram - MAS LEDtube 1200mm HE 16.5W 830 T5



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