PHILIPS

PHILIPS Lighting

MASTER LEDtube Mains T5

MAS LEDtube 1200mm HE 16.5W 840 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	840 [CCT of 4000K]				
Beam Angle (Nom)	200 degree(s)				
Luminous Flux	2,500 lm				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	151.00 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	80				
LLMF At End Of Nominal Lifetime (Nom) 70 %					

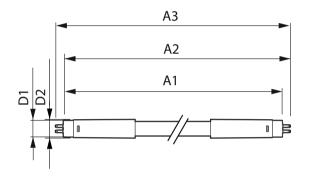
Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Power Consumption	16.5 W			
Lamp Current (Max)	180 mA			
Lamp Current (Min)	70 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	100-240 V			
Temperature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

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Mechanical and Housing					
Bulb Finish	Frosted				
Bulb Material	Glass				
Product Length	1,200 mm				
Bulb Shape	Т5				
Approval and Application					
Energy Saving Product	Yes				
Approval Marks	RoHS compliance CE marking KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	17 kWh				

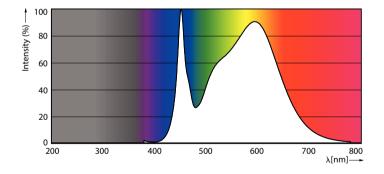
Product Data					
Order product name	MAS LEDtube 1200mm HE 16.5W 840 T5				
Full product name	MAS LEDtube 1200mm HE 16.5W 840 T5				
Full product code	871869978351800				
Order code	929002421008				
Material Nr. (12NC)	929002421008				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718699783518				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718699783525				

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HE 16.5W	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
840 T5					

Photometric data

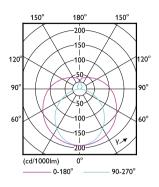




Spectral Power Distribution Colour - MAS LEDtube 1200mm HE 16.5W 840 T5 General uniform lighting - MAS LEDtube 1200mm HE 16.5W 840 T5

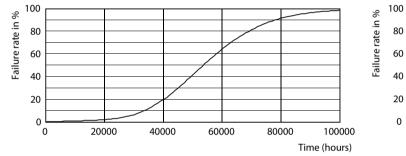
MASTER LEDtube Mains T5

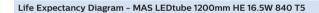
Photometric data

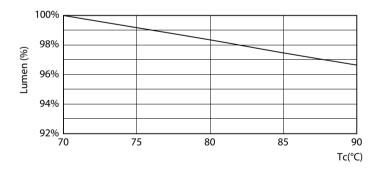


Light Distribution Diagram - MAS LEDtube 1200mm HE 16.5W 840 T5

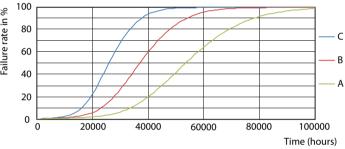
Lifetime

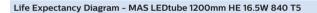


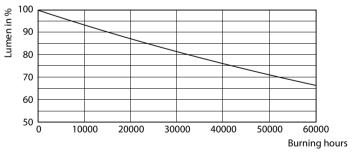








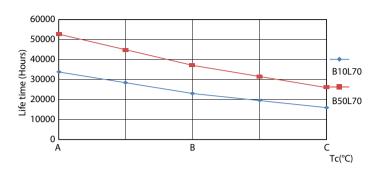






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Lifetime



Life Expectancy Diagram - MAS LEDtube 1200mm HE 16.5W 840 T5



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