PHILIPS

PHILIPS Lighting

MASTER LEDtube Mains T5

MAS LEDtube 600mm HO 10.5W 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 [G5]				
Nominal lifetime	50,000 hour(s)				
Switching Cycle	200,000				
Lighting Technology	LED				
Flux measurement reference	Sphere				
CE mark	Yes				
EU RoHS compliant	Yes				
Light Technical					
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	200 degree(s)				
Luminous Flux	1,500 lumen				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	142 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	80				

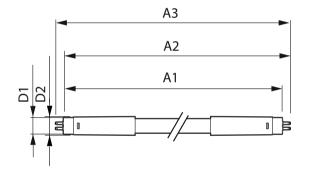
LLMF At End Of Nominal Lifetime (Nom)	70 %			
Flickering value (PstLM)	1			
Stroboscopic effect value (SVM)	0.4			
Photobiological safety according to EN 62471 RG0				
Operating and Electrical				
Input Frequency	50 to 60 Hz			
Power Consumption	10.5 W			
Lamp Current (Nom)	47 mA			
Wattage Equivalent	24 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.92			
Voltage (Nom)	220-240 V			
LED alternative to fluorescent lamp power	24 W			
Temperature				
Ambient temperature range	-20 to +45 ℃			

MASTER LEDtube Mains T5

T-Case Maximum (Nom)	60 °C				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Frosted				
Bulb Material	Glass				
Product Length	600 mm				
Bulb Shape	Tube, double-ended				
Approval and Application					
Energy Efficiency Class	D				
Energy Saving Product	Yes				
Approval Marks	RoHS compliance TUV CE marking KEMA				
	Keur certificate				

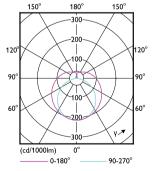
Energy Consumption kWh/1000 h	11 kWh				
EPREL Registration Number	1590874				
Product Data					
Full product code	872016927521800				
Order product name	MAS LEDtube 600mm HO 10.5W 830 T5				
Order code	929003734302				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	10				
Material Nr. (12NC)	929003734302				
Full product name	MAS LEDtube 600mm HO 10.5W 830 T5				
EAN/UPC - Case	8720169275225				
EAN/UPC - Product/Case	8720169275218				

Dimensional drawing



Product	D1 D	2	A1	A2	A3
MAS LEDtube 600mm HO 10.5W 830 T5	19	mm	549 mm	556.1 mm	563.2 mm

Photometric data



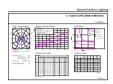
Light Distribution Diagram - MAS LEDtube 600mm HO 10.5W 830 T5

100 80 40 20 0 200 300 400 500 600 700 800 $\lambda[nm] \rightarrow$

Spectral Power Distribution Colour - MAS LEDtube 600mm HO 10.5W 830 T5

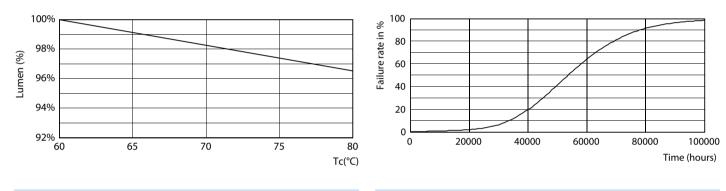
MASTER LEDtube Mains T5

Photometric data



General uniform lighting - MAS LEDtube 600mm HO 10.5W 830 T5

Lifetime



Lumen Maintenance Diagram - MAS LEDtube 600mm HO 10.5W 830 T5

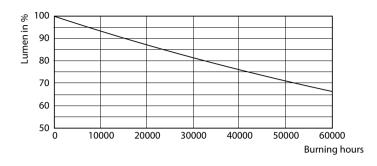
Life Expectancy Diagram - MAS LEDtube 600mm HO 10.5W 830 T5

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MASTER LEDtube Mains T5

Lifetime



Lumen Maintenance Diagram - MAS LEDtube 600mm HO 10.5W 830 T5



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www.lighting.philips.com 2023, October 19 - data subject to change