



MAS LEDtube 600mm HE 8W 865 T5 EU

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	865 [CCT of 6500K]			
Beam Angle (Nom)	200 degree(s)			
Luminous Flux	1,050 lumen			
Color Designation	Cool Daylight			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	131 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	80			

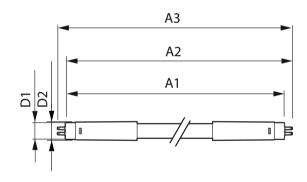
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Flickering value (PstLM)	1	
Stroboscopic effect value (SVM)	0.4	
Photobiological safety according to EN 62471 RG0		
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	8 W	
Lamp Current (Nom)	40 mA	
Wattage Equivalent	14 W	
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	
LED alternative to fluorescent lamp power	14 W	
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Datasheet, 2023, September 26 data subject to change

Temperature				
Ambient temperature range	-20 to +45 °C			
T-Case Maximum (Nom)	50 °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	Е			
Energy Saving Product	Yes			
Approval Marks	RoHS compliance TUV CE marking KEMA			
	Keur certificate			

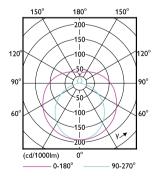
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1476409
Product Data	
Full product code	871951433429800
Order product name	MAS LEDtube 600mm HE 8W 865 T5 EU
Order code	929003044302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003044302
Full product name	MAS LEDtube 600mm HE 8W 865 T5 EU
EAN/UPC - Case	8719514334304
EAN/UPC - Product/Case	8719514334298

Dimensional drawing

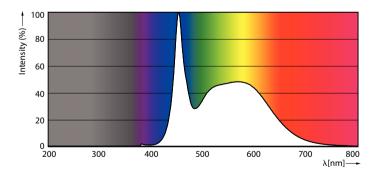


Product	D1	D2	A1	A2	А3
MAS LEDtube 600mm HE 8W 865 T5	15.7 mm	19 mm	549 mm	556.1 mm	563.2 mm
EU					

Photometric data

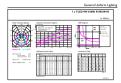


Light Distribution Diagram - MAS LEDtube 600mm HE 8W 865 T5 EU



Spectral Power Distribution Colour - MAS LEDtube 600mm HE 8W 865 T5 EU

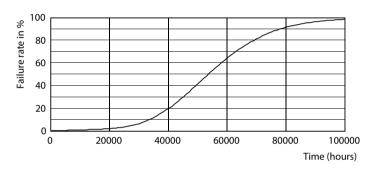
Photometric data

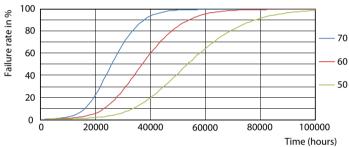


Calculus Photometrics 4.5 Philips Lighting Scv. Fago: 171

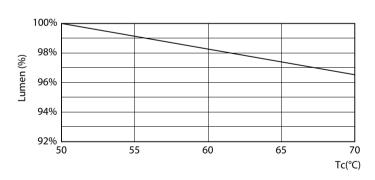
General uniform lighting - MAS LEDtube 600mm HE 8W 865 T5 EU

Lifetime

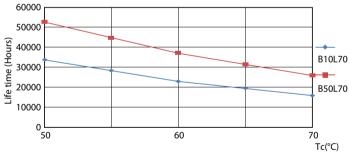




Life Expectancy Diagram - MAS LEDtube 600mm HE 8W 865 T5 EU



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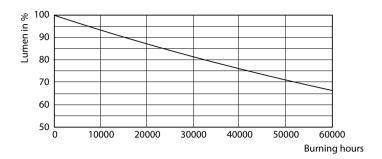


Lumen Maintenance Diagram - MAS LEDtube 600mm HE 8W 865 T5 EU

Life Expectancy Diagram - MAS LEDtube 600mm HE 8W 865 T5 EU

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Lifetime



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