

MASTER LEDtube Mains T5

MAS LEDtube 600mm HE 8W 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
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,000 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	125.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom	n) 70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	8 W
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)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

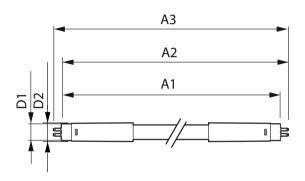
Datasheet, 2023, June 2 data subject to change

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Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur
	certificate
Energy Consumption kWh/1000 h	8 kWh
EU RoHS compliant	Yes

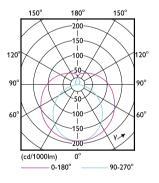
Product Data	
Full product code	871869978343300
Order product name	MAS LEDtube 600mm HE 8W 830 T5
Order code	929002420608
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002420608
Full product name	MAS LEDtube 600mm HE 8W 830 T5
EAN/UPC - Case	8718699783440

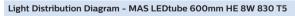
Dimensional drawing

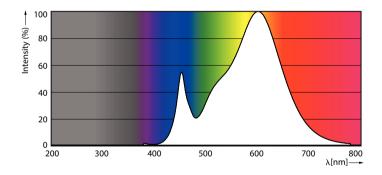


Product D1 D2 A1 A2 A3 MAS LEDtube 600mm HE 8W 830 T5 15.8 mm 19 mm 549 mm 556.1 mm 563.2 mm

Photometric data







Spectral Power Distribution Colour - MAS LEDtube 600mm HE 8W 830 T5

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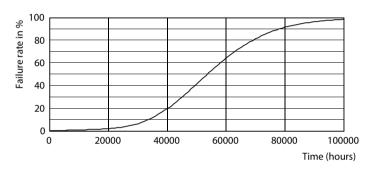
Photometric data

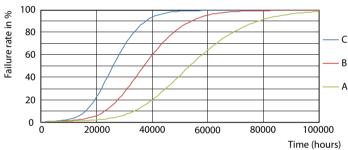


Catoulus Photographics 4.5 Philips Lighting St.V. Pages 191

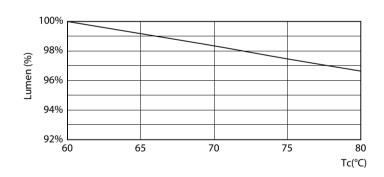
General uniform lighting - MAS LEDtube 600mm HE 8W 830 T5

Lifetime

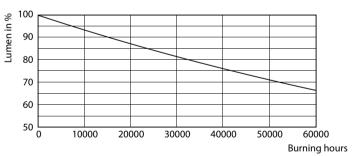




Life Expectancy Diagram - MAS LEDtube 600mm HE 8W 830 T5



Life Expectancy Diagram

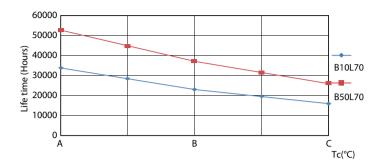


Lumen Maintenance Diagram - MAS LEDtube 600mm HE 8W 830 T5

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Lifetime



Life Expectancy Diagram



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