



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 no longer need to pay attention to the driver technology. Thanks to a unique design, the Philips MASTER LEDtube Mains T5 directly installs in luminaires operating on mains power. Simple to operate and no need to carry double stock of products! Perfectly safe, reliable and easy to install: Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximise value over lifetime with high-energy saving and lower maintenance costs.

Product data

General Information	
Cap base	G5 [G5]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	200,000X
Technical type	16.5-28W
Light Technical	
Colour Code	830 [CCT of 3,000 K]
Technical Beam Angle (Nom)	200 °
Lamp Luminous Flux 25°C EL (Nom)	2300 lm
Colour Designation	White (WH)
Colour Temperature, horizontal (Nom)	3000 K
Lamp Luminous Efficacy EM (Nom)	139.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz

Power (Rated) (Nom)	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 (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	100-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted

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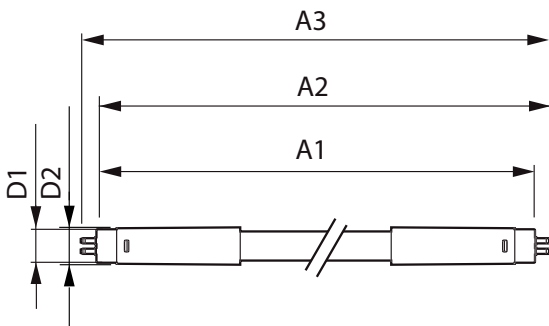
Bulb material	Glass
Product length	1200 mm
Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	17 kWh

Product Data

Full product code	871869978349500
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Order product name	MAS LEDtube 1200mm HE 16.5W 830 T5
EAN/UPC – product	8718699783495
Order code	929002420908
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12 NC)	929002420908
SAP net weight (piece)	0.215 kg

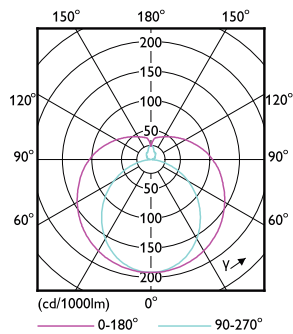
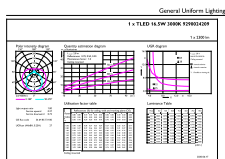
Dimensional drawing



Master LEDtube 1200mm 16.5W830 G5 WV

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HE 16.5W 830 T5	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

Photometric data

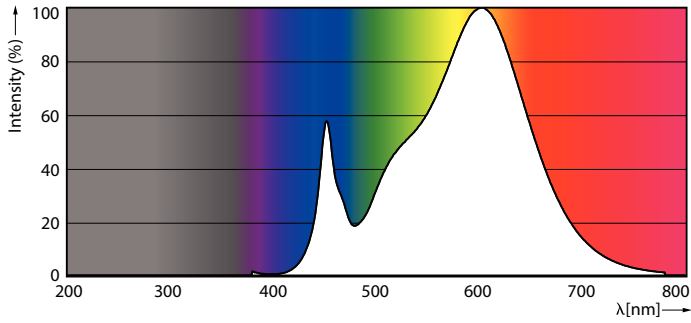


LEDtube MAS 16,5W G5 2300lm 830

LEDtube MAS 8W G5 1000lm

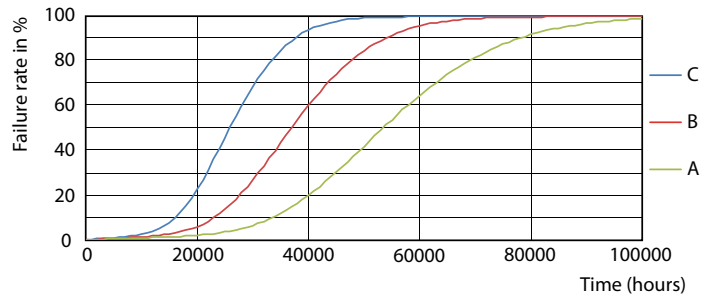
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Photometric data



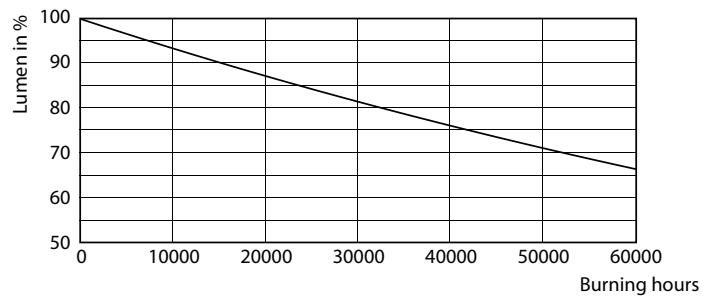
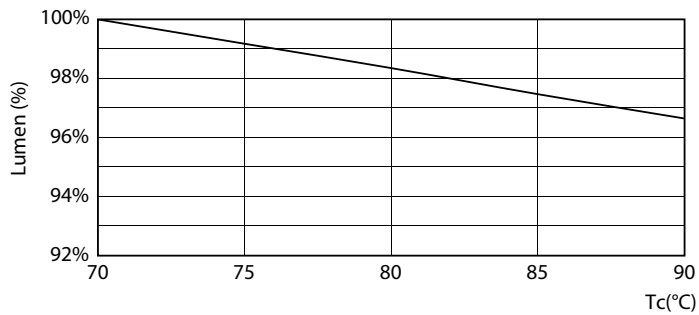
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Lifetime



LEDtube 50K-LED

LEDtube 50K FailureRate-LED



LEDtube 16,5W 50K LumenVsTc

LEDtube 50K-LMP

LEDtube Mains T5

Lifetime



LEDtube 50K LifetimeVsTc-LED

