



MASTER LEDtube Mains T5



MASTER LEDtube 1200mm HE 16.5W 830 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		Operating and electrical	
Cap-Base	G5 [G5]	Input Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Nom)	16.5 W
Nominal Lifetime (Nom)	50000 h	Lamp Current (Nom)	85 mA
Switching Cycle	200000X	Starting Time (Nom)	0.5 s
Flux measurement reference	Sphere	Warm Up Time to 60% Light (Nom)	0.5 s
Light technical		Power Factor (Nom)	0.92
Color Code	830 [CCT of 3000K]	Voltage (Nom)	220-240 V
Beam Angle (Nom)	200 °	Temperature	
Luminous Flux (Nom)	2300 lm	T-Ambient (Max)	45 °C
Color Designation	White (WH)	T-Ambient (Min)	-20 °C
Correlated Color Temperature (Nom)	3000 K	T-Storage (Max)	65 °C
Luminous Efficacy (rated) (Nom)	139.00 lm/W	T-Storage (Min)	-40 °C
Color Consistency	<6	T-Case Maximum (Nom)	70 °C
Color Rendering Index (Nom)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended

Approval and application

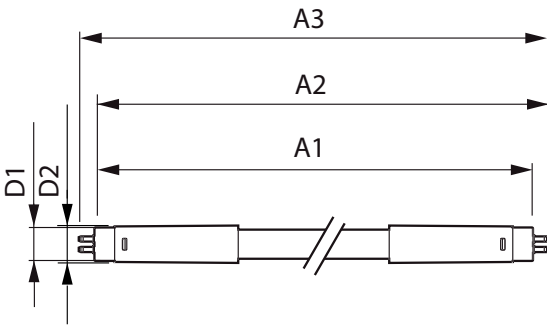
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	17 kWh

EPREL Registration Number	467300
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Product data

Full product code	871951433431100
Order product name	MASTER LEDtube 1200mm HE 16.5W 830 T5 EU
EAN/UPC - Product	8719514334311
Order code	929003044402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003044402
Net Weight (Piece)	0.215 kg

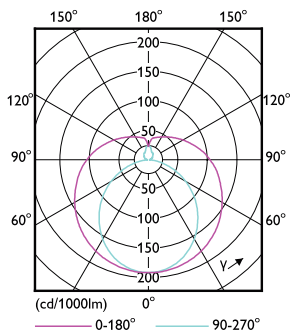
Dimensional drawing



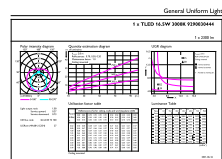
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm HE 16.5W 830 T5 EU	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

Photometric data



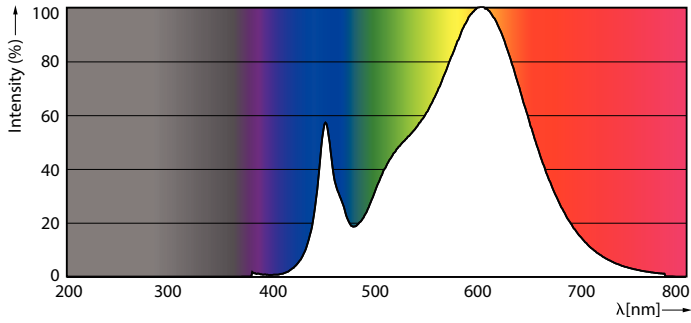
LEDtube MAS 8W G5 1000lm



LEDtube MAS G3 16,5W G13 2300lm 830-GUL

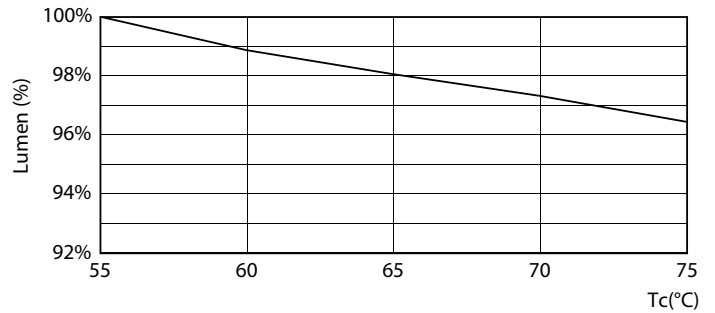
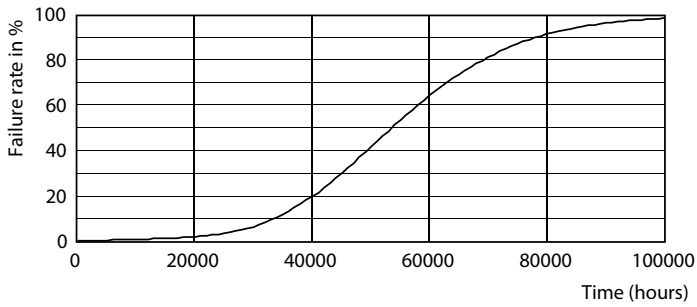
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Photometric data

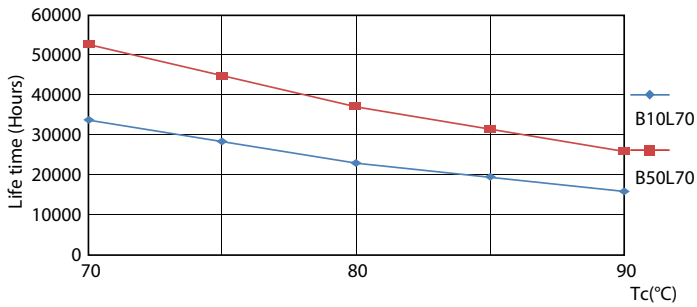


LEDtube MAS G3 16,5W G13 2300lm 830-POC

Lifetime

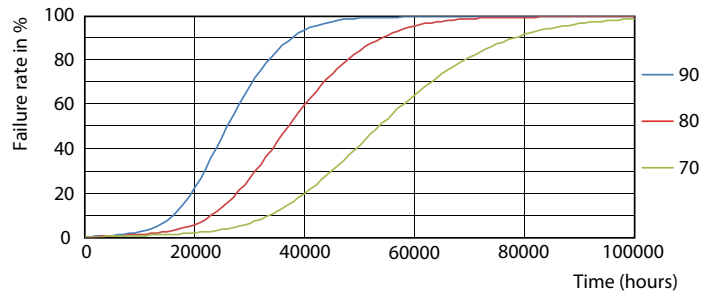


Life Expectancy Diagram



LEDtube MAS 1 26W 50K LifetimeVsTc-LED

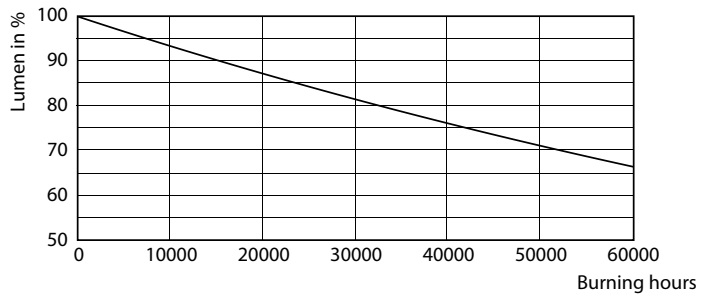
LEDtube MAS G3 8W 50K LumenVsTc-LMP



LEDtube MAS 1 26W 50K FailureRate-LED

MASTER LEDtube Mains T5

Lifetime



Lumen Maintenance Diagram

