



MASTER LEDtube Mains T5



MASTER LEDtube 1500mm HE 20W 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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
Technical Type	20-35W
Flux measurement reference	Sphere

Light technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	200 °
Luminous Flux (Nom)	2800 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	140.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
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Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	20 W
Lamp Current (Max)	230 mA
Lamp Current (Min)	85 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

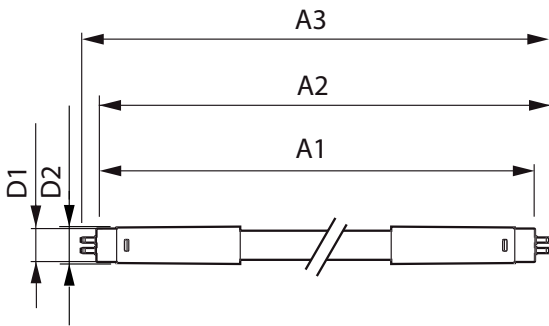
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

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T-Case Maximum (Nom)	75 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1500 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	20 kWh
EPREL Registration Number	467354
Product data	
Full product code	871869978355600
Order product name	MASTER LEDtube 1500mm HE 20W 830 T5
EAN/UPC - Product	8718699783556
Order code	929002421208
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002421208
Net Weight (Piece)	0.176 kg

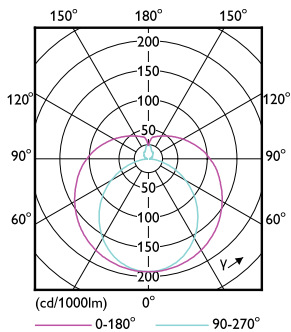
Dimensional drawing



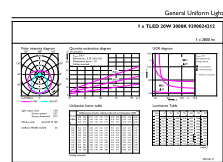
MASTER LEDtube 1500mm HE 20W 830 T5

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm HE 20W 830 T5	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm

Photometric data



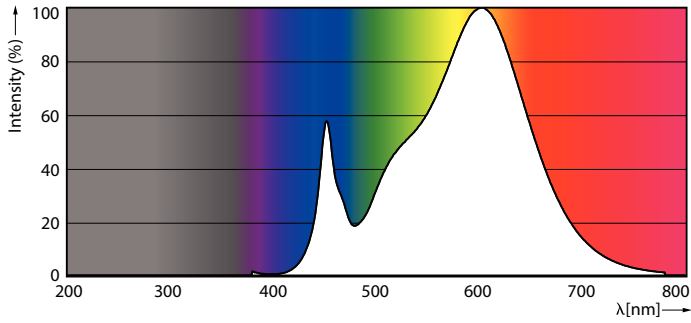
LEDtube MAS 8W G5 1000lm



LEDtube MAS 20W G5 2800lm 830

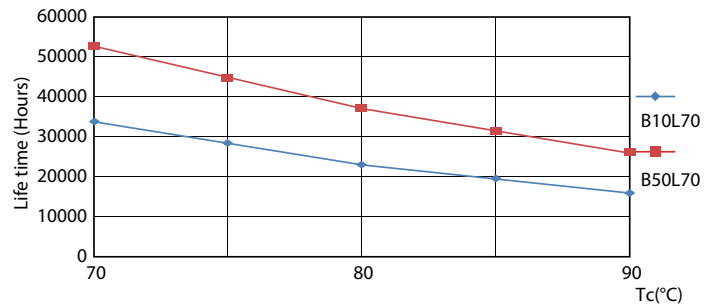
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Photometric data



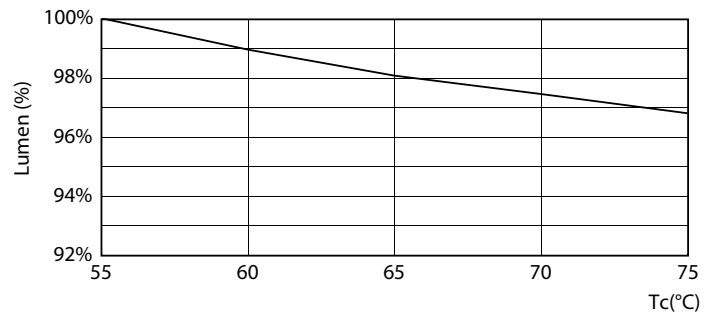
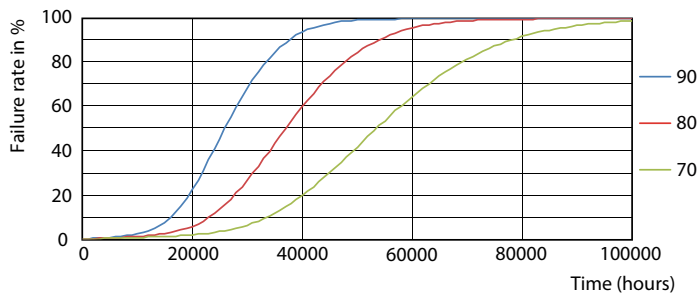
LEDtube MAS 16,5W G5 2300lm 830

Lifetime



Life Expectancy Diagram

LEDtube MAS 1 26W 50K LifetimeVsTc-LED

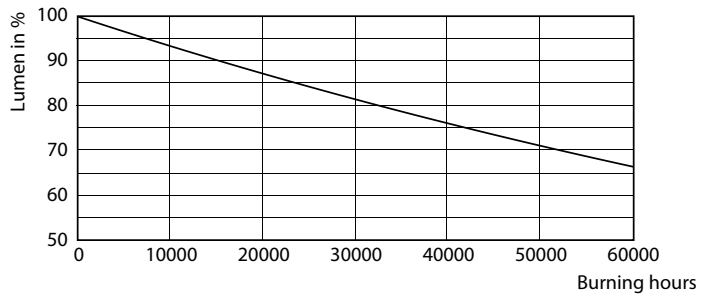


LEDtube MAS 1 26W 50K FailureRate-LED

LEDtube MAS G3 20W 50K LumenVsTc-LMP

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Lifetime



Lumen Maintenance Diagram

