



MASTER LEDtube Mains T5

MASTER LEDtube 1200mm HE 16.5W 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	16.5-28W

Light technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	200 °
Luminous Flux (Nom)	2300 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	139.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical	
Input Frequency	50 to 60 Hz
Power (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

MASTER LEDtube Mains T5

Controls and dimming

Dimmable No

Mechanical and housing

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

Approval and application

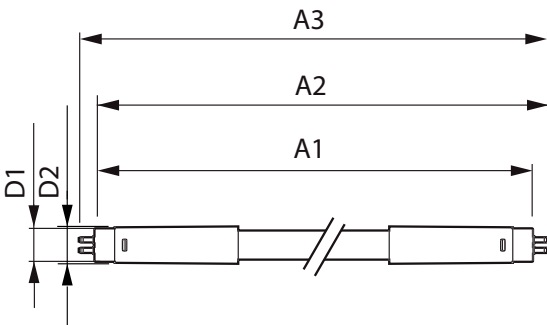
Energy Saving Product Yes
 Approval Marks RoHS compliance CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h 17 kWh

Product data

Full product code 871869978349500
 Order product name MASTER LEDtube 1200mm HE 16.5W 830 T5
 EAN/UPC - Product 8718699783495
 Order code 929002420908
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 10
 Material Nr. (12NC) 929002420908
 Net Weight (Piece) 0.215 kg

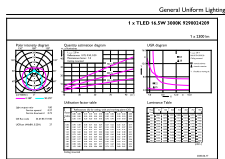
Dimensional drawing



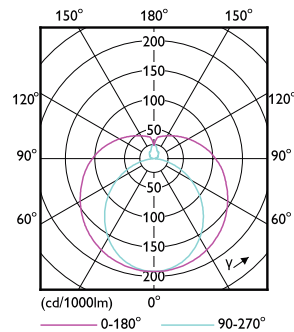
MASTER LEDtube 1200mm HE 16.5W 830 T5

Product	D1	D2	A1	A2	A3
MASTER 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

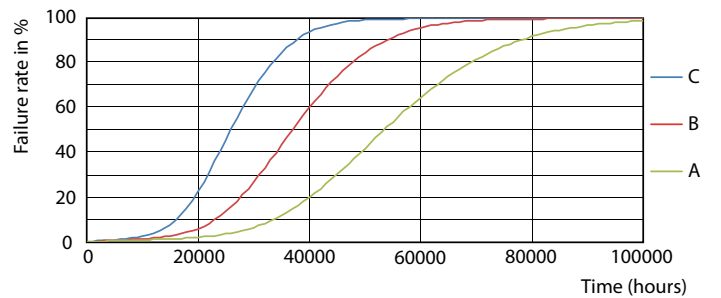
MASTER LEDtube Mains T5

Photometric data

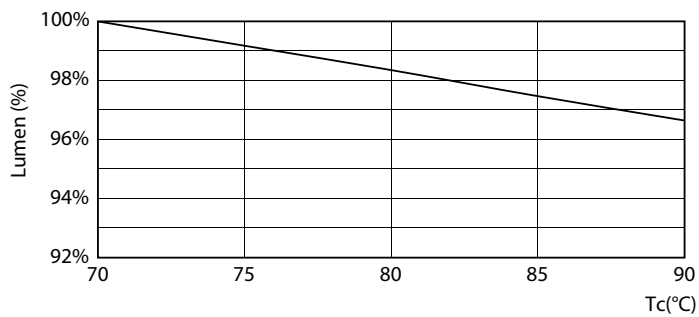


LEDtube MAS 16,5W G5 2300lm 830

Lifetime

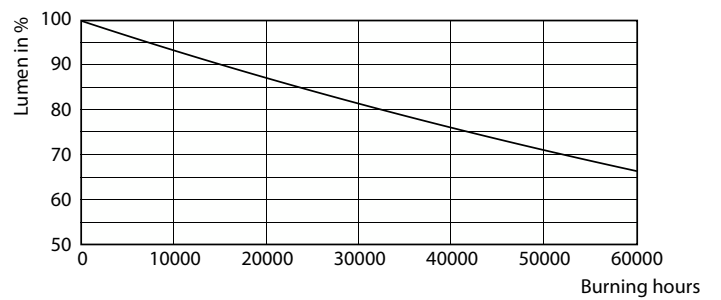


Life Expectancy Diagram



LEDtube 16,5W 50K LumenVsTc

LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

MASTER LEDtube Mains T5

Lifetime



LEDtube 50K LifetimeVsTc-LED

