

The Philips Lighting logo consists of the word "PHILIPS" in blue capital letters above the word "Lighting" in white lowercase letters, all contained within a blue square with a white curved corner on the top right.

PHILIPS

Lighting



MASTER LEDtube Mains T5

MASTER 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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000
Technical Type	8-14W

Light technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	200 °
Luminous Flux (Nom)	1000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	125.00 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)	8 W
Lamp Current (Max)	90 mA
Lamp Current (Min)	35 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

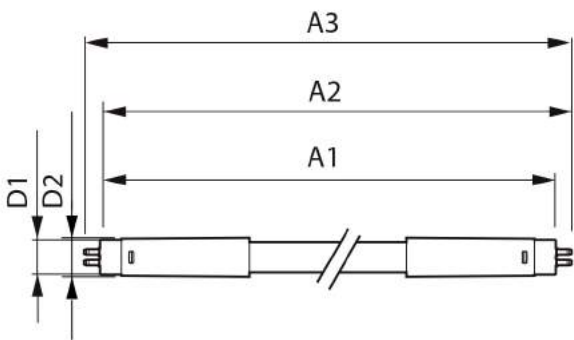
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	60 °C

MASTER LEDtube Mains T5

Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Frosted
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
Product data	
Full product code	871869978343300
Order product name	MASTER LEDtube 600mm HE 8W 830 T5
EAN/UPC - Product	8718699783433
Order code	929002420608
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002420608
Net Weight (Piece)	0.250 kg

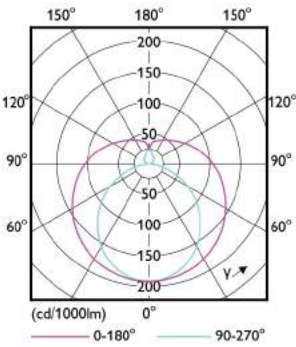
Dimensional drawing



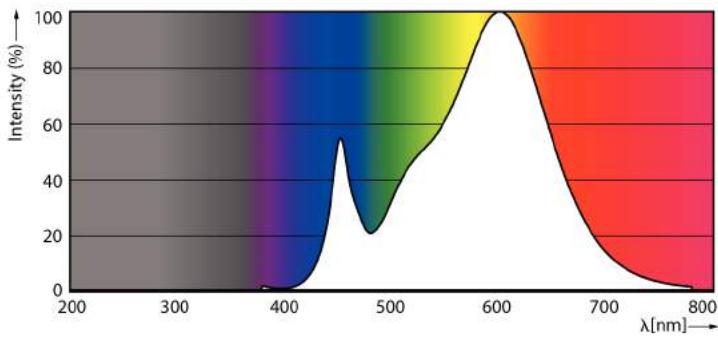
MASTER LEDtube 600mm HE 8W 830 T5

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

Photometric data



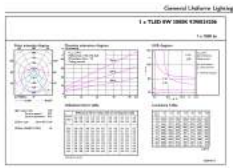
LEDtube MAS 8W G5 1000lm



LEDtube MAS 8W G5 1000lm 830

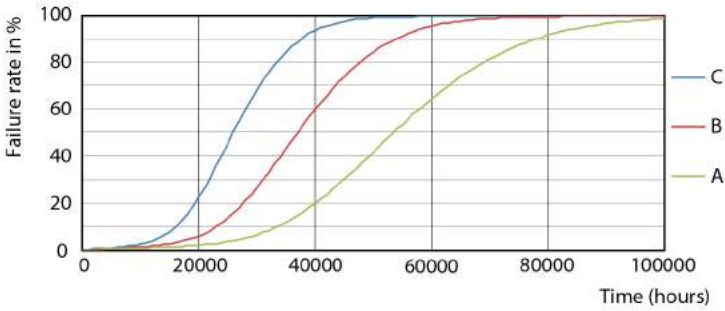
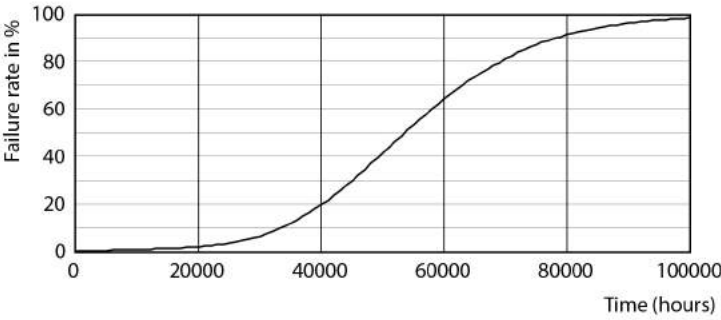
MASTER LEDtube Mains T5

Photometric data

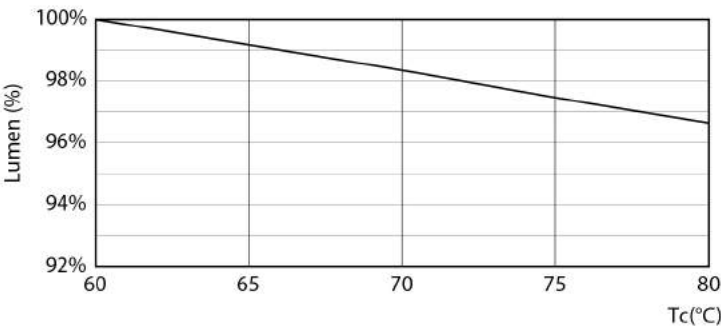


LEDtube MAS 8W G5 1000lm 830

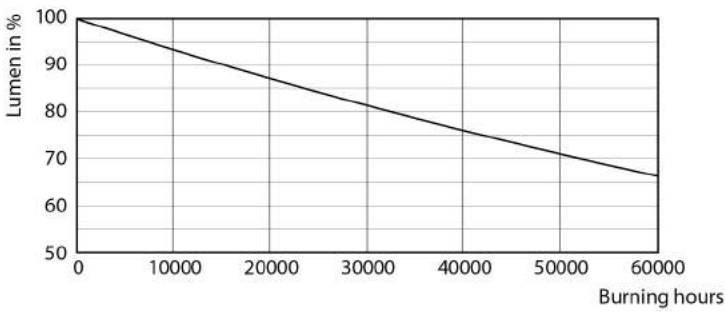
Lifetime



Life Expectancy Diagram



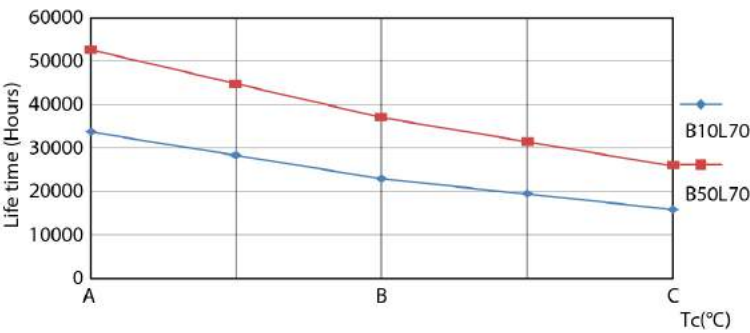
LEDtube 50K FailureRate-LED



LEDtube 8W 50K LumenVsTc

Lumen Maintenance Diagram

Lifetime



LEDtube 50K LifetimeVsTc-LED

