



MASTER LEDtube Mains T5

MASTER LEDtube 600mm HE 8W 865 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	8-14W

Light technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	200 °
Luminous Flux (Nom)	1050 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	131.00 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

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Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended

Approval and application

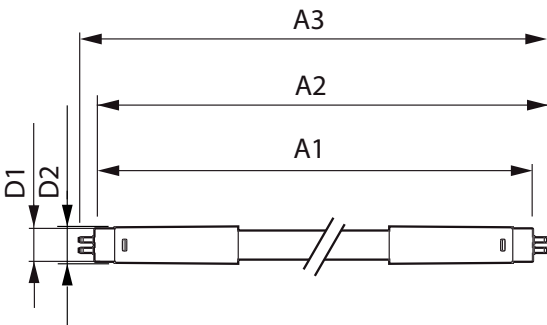
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	8 kWh
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Product data

Full product code	871869978347100
Order product name	MASTER LEDtube 600mm HE 8W 865 T5
EAN/UPC - Product	8718699783471
Order code	929002420808
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002420808
Net Weight (Piece)	0.250 kg

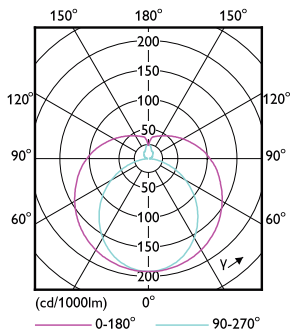
Dimensional drawing



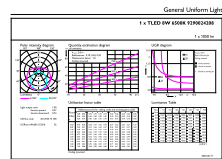
MASTER LEDtube 600mm HE 8W 865 T5

Product	D1	D2	A1	A2	A3
MASTER LEDtube 600mm HE 8W 865 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

Photometric data



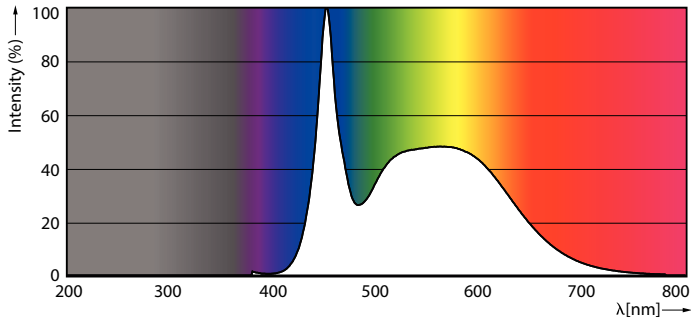
LEDtube MAS 8W G5 1000lm



LEDtube MAS 8W G5 1050lm 865

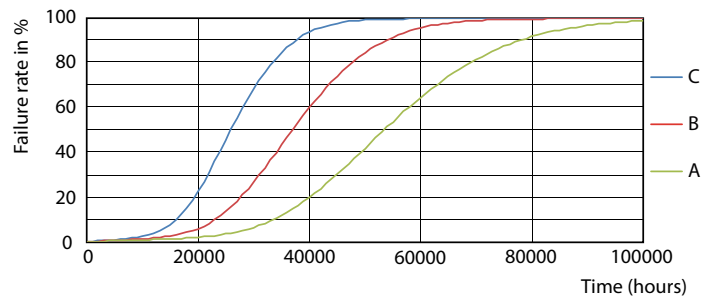
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Photometric data



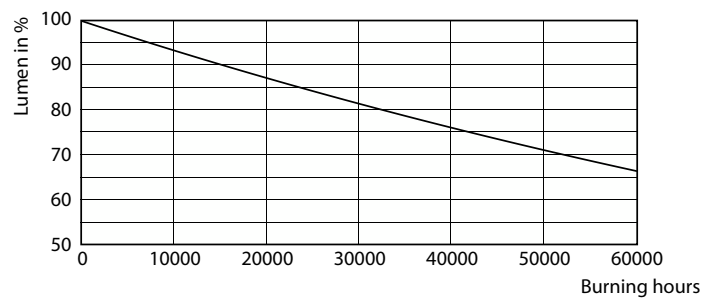
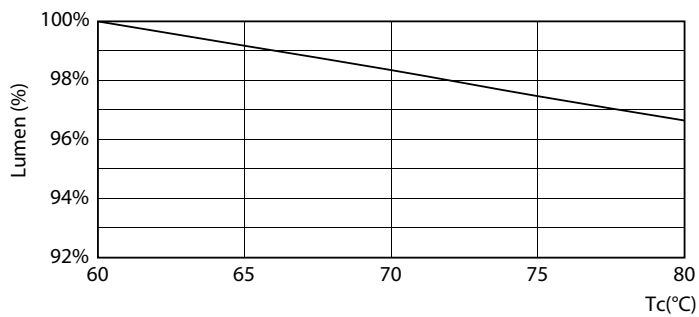
LEDtube MAS 8W G5 1050lm 865

Lifetime



Life Expectancy Diagram

LEDtube 50K FailureRate-LED

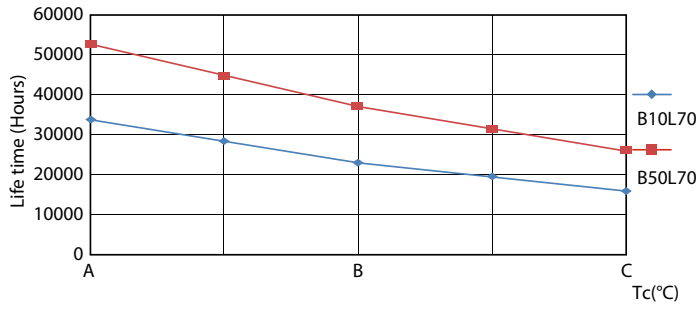


LEDtube 8W 50K LumenVsTc

Lumen Maintenance Diagram

MASTER LEDtube Mains T5

Lifetime



LEDtube 50K LifetimeVsTc-LED

