



MASTER LEDtube Mains T5

MAS 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]
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	1,050 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 (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	8 W
Lamp Current (Max)	90 mA
Lamp Current (Min)	35 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	100-240 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T5

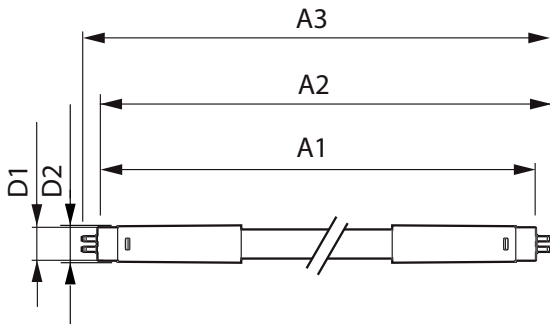
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh

Product Data

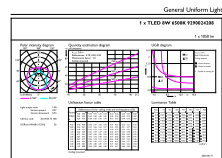
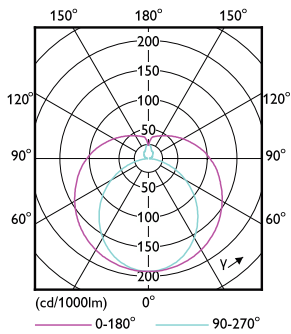
Order product name	MAS LEDtube 600mm HE 8W 865 T5
Full product name	MAS LEDtube 600mm HE 8W 865 T5
Full product code	871869978347100
Order code	929002420808
Material Nr. (12NC)	929002420808
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699783471
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699783488

Dimensional drawing



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

Photometric data

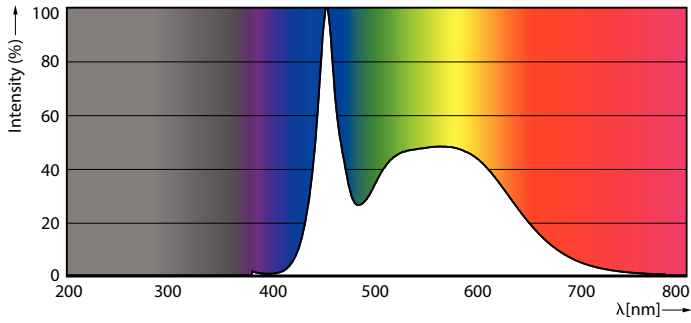


Light Distribution Diagram - MAS LEDtube 600mm HE 8W 865 T5

General uniform lighting - MAS LEDtube 600mm HE 8W 865 T5

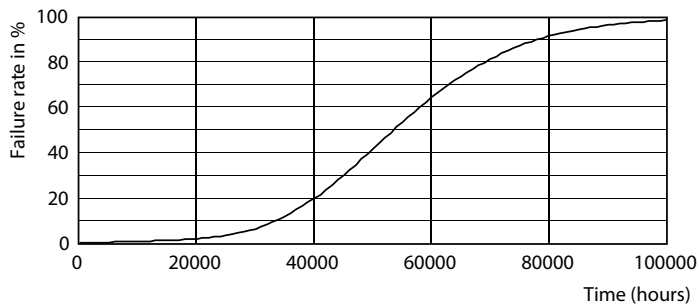
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Photometric data

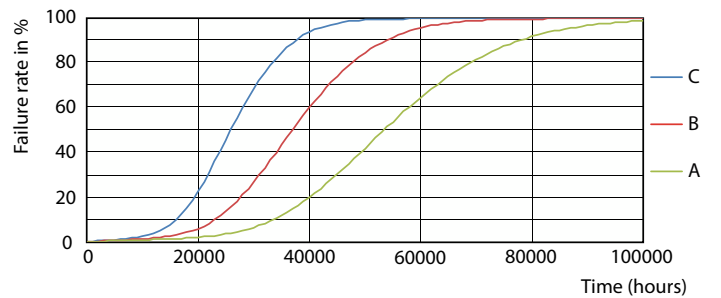


Spectral Power Distribution Colour - MAS LEDtube 600mm HE 8W 865 T5

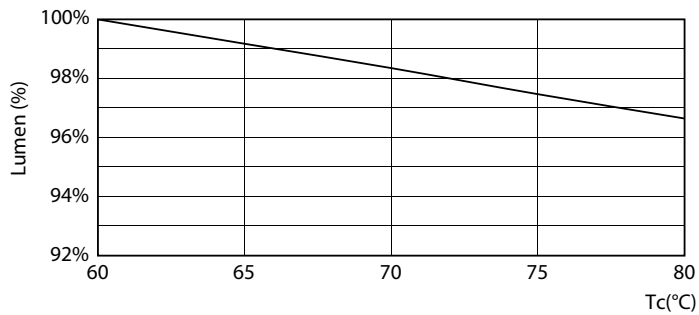
Lifetime



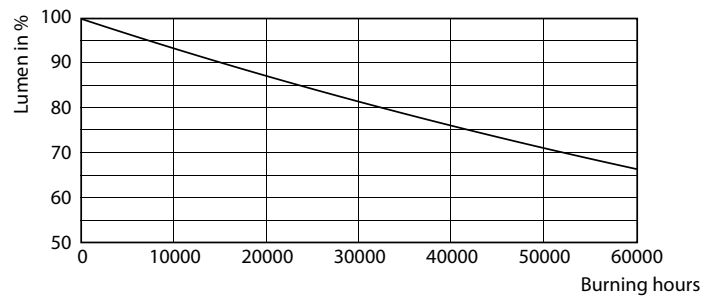
Life Expectancy Diagram - MAS LEDtube 600mm HE 8W 865 T5



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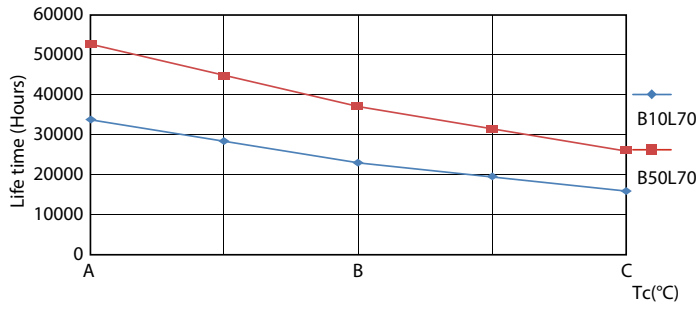
Lumen Maintenance Diagram - MAS LEDtube 600mm HE 8W 865 T5



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Lifetime



Life Expectancy Diagram - MAS LEDtube 600mm HE 8W 865 T5

