PHILIPS

# **PHILIPS** Lighting

## 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 %		

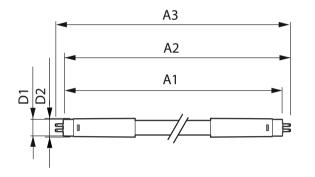
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	8 W	
Lamp Current (Max)	90 mA	
Lamp Current (Min)	35 mA	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	100-240 V	
Temperature		
Ambient temperature range	-20 °C to 45 °C	
T-Case Maximum (Nom)	60 ℃	
Controls and Dimming		
Dimmable	No	
		-

### **MASTER LEDtube Mains T5**

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



### MAS LEDtube 600mm HE 8W 865 T5 15.8 mm 19 mm 549 mm 556.1 mm 563.2 mm

D2

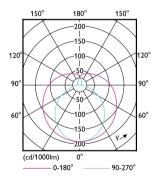
A1

A2

A3

D1

#### Photometric data



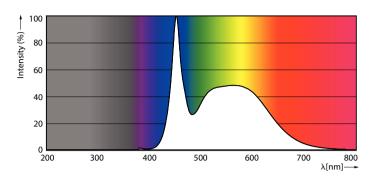
Light Distribution Diagram - MAS LEDtube 600mm HE 8W 865 T5

Product

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

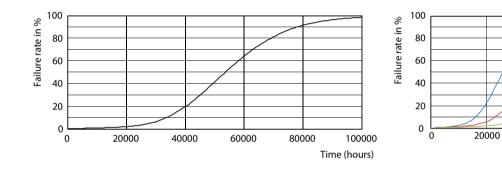
### **MASTER LEDtube Mains T5**

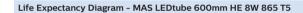
Photometric data

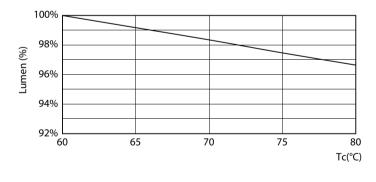


Spectral Power Distribution Colour - MAS LEDtube 600mm HE 8W 865 T5

### Lifetime







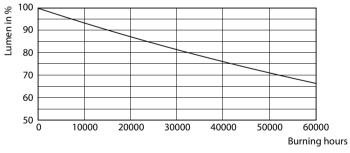


Life Expectancy Diagram - MAS LEDtube 600mm HE 8W 865 T5

40000

60000

80000



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

С

В

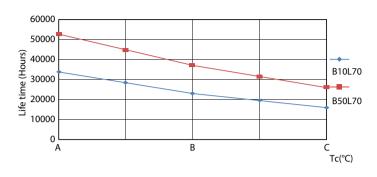
A

100000

Time (hours)

### **MASTER LEDtube Mains T5**

Lifetime



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



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