

# MASTER LEDtube Mains T5

## MAS LEDtube 600mm HE 8W 865 T5 EU

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				
Flux measurement reference	Sphere				
Light Technical					
Color Code	865 [CCT of 6500K]				
Beam Angle (Nom)	200 degree(s)				
Luminous Flux	1,050 lumen				
Color Designation	Cool Daylight				
Correlated Color Temperature (Nom)	6500 K				
Luminous Efficacy (rated) (Nom)	131 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 (Nom)	40 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.92		
Voltage (Nom)	220-240 V		
Temperature			
Ambient temperature range	-20 °C to 45 °C		
T-Case Maximum (Nom)	60 °C		
Controls and Dimming			
Dimmable	No		

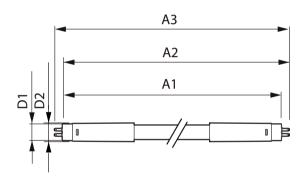
Datasheet, 2023, May 22 data subject to change

# **MASTER LEDtube Mains T5**

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				
EPREL Registration Number	467,301				
CE mark	Yes				

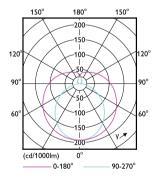
EU RoHS compliant	Yes		
Product Data			
Full product code	871951433429800		
Order product name	MAS LEDtube 600mm HE 8W 865 T5 EU		
Order code	929003044302		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	10		
Material number (12NC)	929003044302		
Full product name	MAS LEDtube 600mm HE 8W 865 T5 EU		
EAN/UPC - Case	8719514334304		

# Dimensional drawing

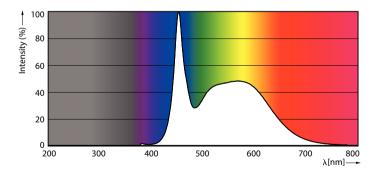


Product	D1	D2	A1	A2	А3
MAS LEDtube 600mm HE 8W 865 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
EU					

## Photometric data



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



Spectral Power Distribution Colour - MAS LEDtube 600mm HE 8W 865 T5  $\,$  EU

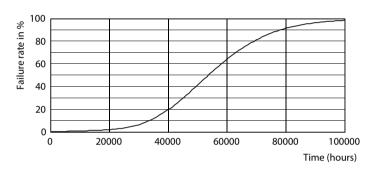
# **MASTER LEDtube Mains T5**

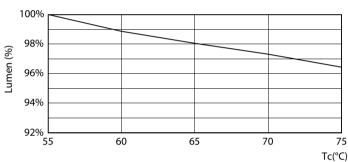
#### Photometric data



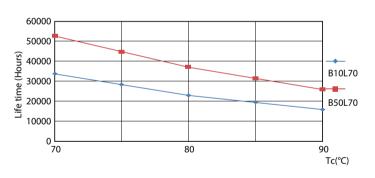
Calculus Phosametrics 4.5 Philips Lighary B.V. Fago: U

#### Lifetime

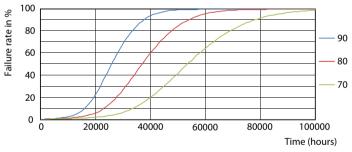




Life Expectancy Diagram - MAS LEDtube 600mm HE 8W 865 T5 EU



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

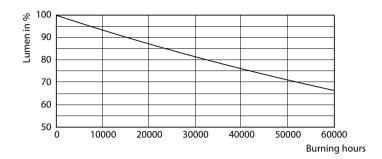


Life Expectancy Diagram - MAS LEDtube 600mm HE 8W 865 T5 EU

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

# **MASTER LEDtube Mains T5**

#### Lifetime



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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.