

MASTER LEDtube Mains T5



MAS LEDtube 1200mm HO 26W 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			
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	3,900 lm			
Color Designation	Cool Daylight			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	150 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	80			
LLMF At End Of Nominal Lifetime (Nom)	70 %			

Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	26 W
Lamp Current (Nom)	125 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
Ballast Compatibility	Mains
LED alternative to fluorescent lamp power	54 W
Inrush current at mains	20
Max. lamp no. on MCB B type 10A - Mains	31
Max. lamp no. on MCB B type 10A – EM ballast	-
without Compensation Capacitor.	

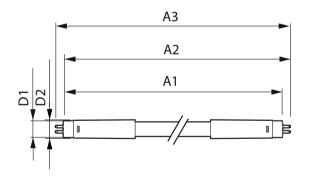
Datasheet, 2025, March 17 data subject to change

MASTER LEDtube Mains T5

Max. lamp no. on MCB B type 10A – EM ballast	-
with Compensation Capacitor.	
Max. lamp no. on MCB B type 16A - Mains	50
Max. lamp no. on MCB B type 16A – EM ballast	-
without Compensation Capacitor.	
Max. lamp no. on MCB B type 16A – EM ballast	-
with Compensation Capacitor.	
Temperature	
T-Case Maximum (Nom)	65 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T5
Net Weight (Piece)	0.215 kg
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes

Approval Marks	RoHS compliance			
Energy Consumption kWh/1000 h	26 kWh			
EPREL Registration Number	1476414			
CE mark	Yes			
EU RoHS compliant	Yes			
Flickering value (PstLM) - Flickering value as per	1			
EN 61000-3-3				
Stroboscopic effect visibility measure (SVM)	0.4			
Ambient temperature range	-20 to +45 °C			
Product Data				
Order product name	MAS LEDtube 1200mm HO 26W			
	865 T5			
Full product name	MAS LEDtube 1200mm HO 26W			
	865 T5			
Full product code	871869681925800			
Order code	929001908702			
Material Nr. (12NC)	929001908702			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696819258			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696819265			

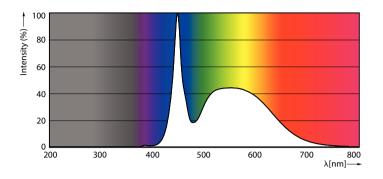
Dimensional drawing

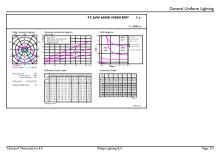


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 26W 865	15.5 mm	17.1 mm	1,149 mm	1,156 mm	1,163 mm
T5					

MASTER LEDtube Mains T5

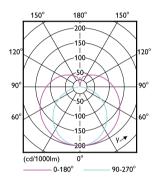
Photometric data





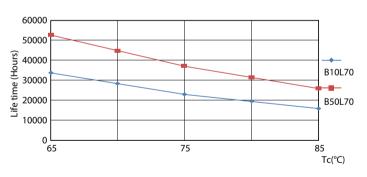
Spectral Power Distribution Colour - MAS LEDtube 1200mm HO 26W 865 T5

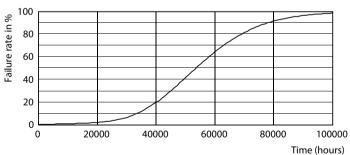
General uniform lighting - MAS LEDtube 1200mm HO 26W 865 T5



Light Distribution Diagram - MAS LEDtube 1200mm HO 26W 865 T5

Lifetime



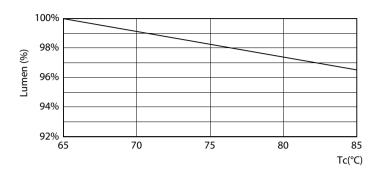


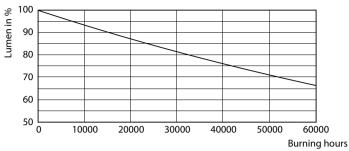
LifetimeVsTc

Life Expectancy Diagram

MASTER LEDtube Mains T5

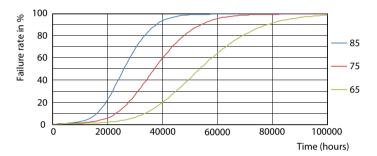
Lifetime





Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 26W 865 T5

Lumen Maintenance Diagram - MAS LEDtube 1200mm HO 26W 865 T5



FailureRate



© 2025 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.