



# MASTER LEDtube EM/ Mains T8

## Master LEDTube 600 mm 10W 865 T8 I W

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescent. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

### Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

### Product data

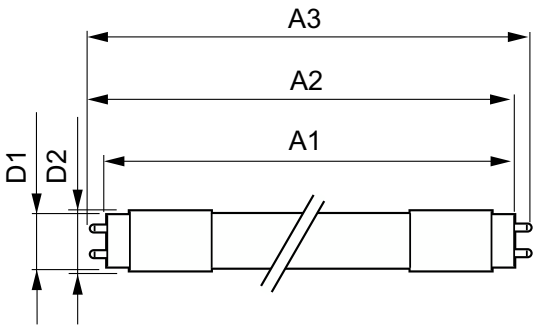
General Information		Color Consistency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color rendering index (CRI)	<6
Nominal lifetime	25,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz
Light Technical		Power Consumption	10 W
Color Code	865 [CCT of 6500K]	Lamp Current (Max)	115 mA
Beam Angle (Nom)	160 degree(s)	Lamp Current (Min)	40 mA
Luminous Flux	1,050 lm	Starting Time (Nom)	0.5 s
Color Designation	Cool Daylight	Warm-up time to 60% light	Instant full light s
Correlated Color Temperature (Nom)	6500 K	Power Factor (Fraction)	0.92
Luminous Efficacy (rated) (Nom)	105.00 lm/W		

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Voltage (Nom)	100-240 V
<b>Temperature</b>	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Product Length	600 mm
Bulb Shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Saving Product	Yes
Suitable For Accent Lighting	No

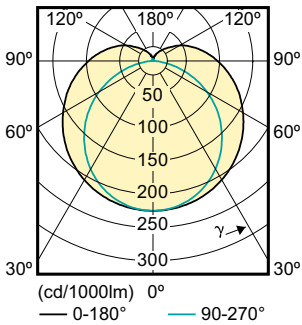
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	10 kWh
<b>Product Data</b>	
Order product name	Master LEDTube 600 mm 10W 865 T8 I W
Full product name	Master LEDTube 600 mm 10W 865 T8 I W
Full product code	871869652410700
Order code	929001188072
Material Nr. (12NC)	929001188072
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696524107
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696524114

Dimensional drawing

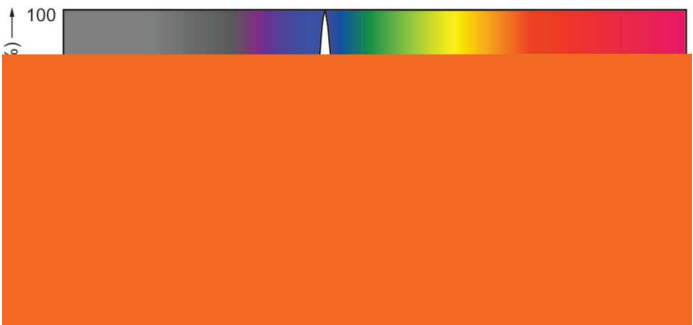


Product	D1	D2	A1	A2	A3
Master LEDTube 600 mm 10W 865 T8 I W	25.6 mm	27.8 mm	588.6 mm	595.7 mm	602.8 mm

Photometric data



Light Distribution Diagram - Master LEDTube 600 mm 10W 865 T8 I W



Spectral Power Distribution Colour - Master LEDTube 600 mm 10W 865 T8 I W

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