

MASTER LEDtube EM/ Mains T8

Master LEDTube 1200 mm 18W 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

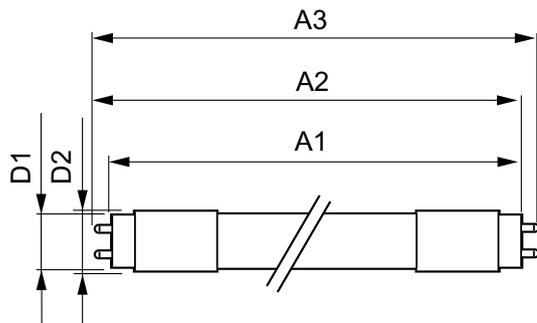
General Information		Color Consistency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Consistency	<6
Nominal lifetime	25,000 hour(s)	Color rendering index (CRI)	82
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	50 to 60 Hz
Light Technical		Input Frequency	50 to 60 Hz
Color Code	865 [CCT of 6500K]	Power Consumption	18 W
Beam Angle (Nom)	160 degree(s)	Lamp Current (Max)	210 mA
Luminous Flux	2,100 lm	Lamp Current (Min)	74 mA
Color Designation	Cool Daylight	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	6500 K	Warm-up time to 60% light	Instant full light s
Luminous Efficacy (rated) (Nom)	117.00 lm/W	Power Factor (Fraction)	0.92

MASTER LEDtube EM/Mains T8

Voltage (Nom)	100-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No

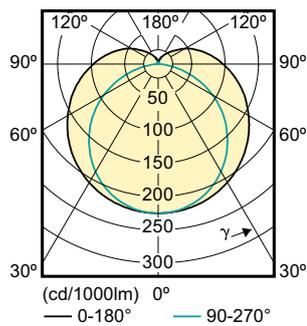
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh
Product Data	
Order product name	Master LEDTube 1200 mm 18W 865 T8 I W
Full product name	Master LEDTube 1200 mm 18W 865 T8 I W
Full product code	871869652406000
Order code	929001187872
Material Nr. (12NC)	929001187872
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696524060
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696524077

Dimensional drawing

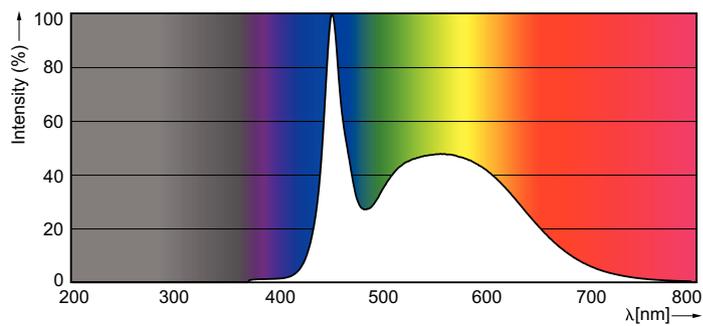


Product	D1	D2	A1	A2	A3
Master LEDTube 1200 mm 18W 865 T8 I W	25.6 mm	27.8 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm

Photometric data



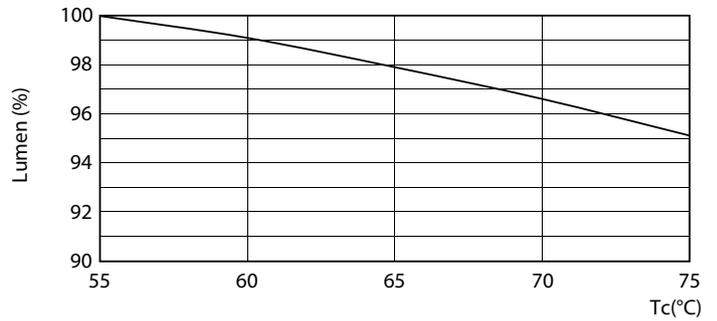
Light Distribution Diagram - Master LEDTube 1200 mm 18W 865 T8 I W



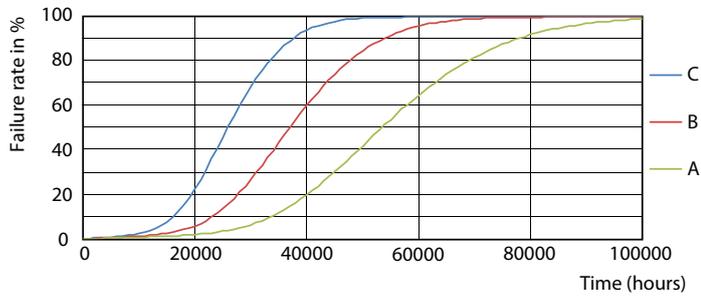
Spectral Power Distribution Colour - Master LEDTube 1200 mm 18W 865 T8 I W

MASTER LEDtube EM/Mains T8

Lifetime

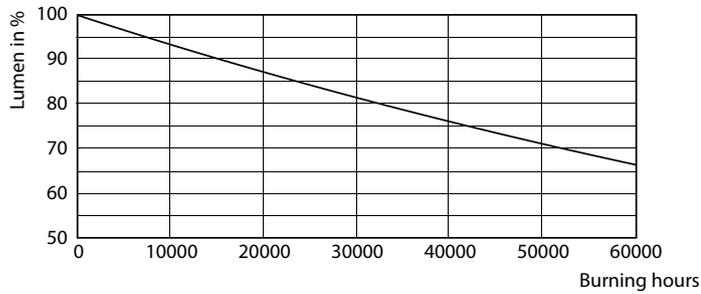


Life Expectancy Diagram - Master LEDTube 1200 mm 18W 865 T8 I W



Lumen Maintenance Diagram - Master LEDTube 1200 mm 18W 865 T8 I W

Life Expectancy Diagram - Master LEDTube 1200 mm 18W 865 T8 I W



Life Expectancy Diagram - Master LEDTube 1200 mm 18W 865 T8 I W

Lumen Maintenance Diagram - Master LEDTube 1200 mm 18W 865 T8 I W

MASTER LEDtube EM/Mains T8

