



MASTER LEDtube EM/ Mains T8

MASTER LEDtube 1200mm HO VWV 18W 865 T8

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

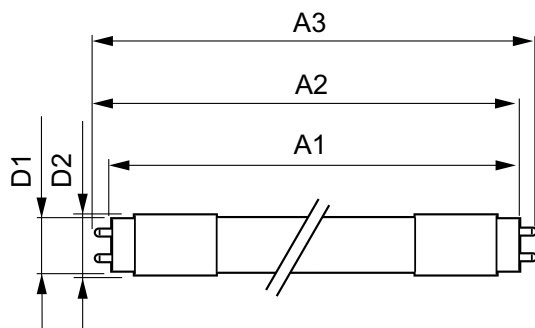
General information		Color Consistency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Rendering Index (Nom)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal Lifetime (Nom)	60000 h	Operating and electrical	
Switching Cycle	200000	Input Frequency	50 to 60 Hz
Technical Type	18-32-36W	Power (Nom)	18 W
Light technical		Lamp Current (Max)	183 mA
Color Code	865 [CCT of 6500K]	Lamp Current (Min)	69 mA
Beam Angle (Nom)	160 °	Starting Time (Nom)	0.5 s
Luminous Flux (Nom)	2100 lm	Warm Up Time to 60% Light (Nom)	0.5 s
Color Designation	Cool Daylight	Power Factor (Nom)	0.90
Correlated Color Temperature (Nom)	6500 K	Voltage (Nom)	100-277 V
Luminous Efficacy (rated) (Nom)	116.00 lm/W		

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Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	60 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Product Length	47-1/4 in
Bulb Shape	Tube, single-ended
Approval and application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking UL certificate KEMA Keur certificate

Energy Consumption kWh/1000 h	18 kWh
Product data	
Full product code	871869681121400
Order product name	MASTER LEDtube 1200mm HO VWV 18W 865 T8
EAN/UPC - Product	8718696811214
Order code	929001877412
Numerator - Quantity Per Pack	1
Local code description	MAS LEDtube 1200mm HO VWV 18W 865 T8
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001877412
Net Weight (Piece)	0.220 kg

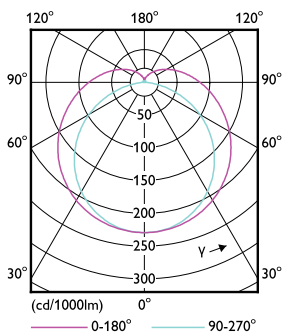
Dimensional drawing



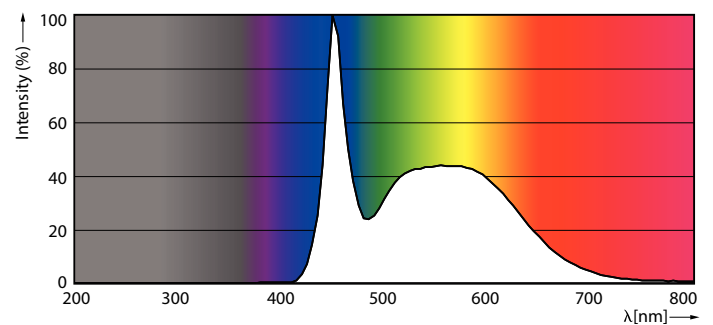
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm HO VWV 18W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data



LEDtube_G13_2



LEDtube_18W_G13_2100lm_865

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Lifetime



Life Expectancy Diagram

