



# MASTER LEDtube EM/ Mains



## MASTER LEDtube 1500mm UE 20W 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. This product is the ideal solution for up lighting in general lighting applications.

### Warnings and Safety

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### Product data

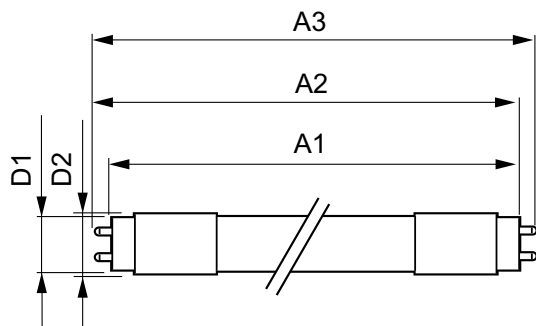
General Information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 ROT (Rotating) [ Medium Bi-Pin Fluorescent]	<b>Operating and Electrical</b>	
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Nominal lifetime (nom.)	75000 h	Power (Rated) (Nom)	20 W
Switching cycle	200,000X	Lamp current (max.)	103 mA
	Sphere	Lamp current (min.)	85 mA
<b>Light Technical</b>		Starting time (nom.)	0.5 s
Colour Code	865 [ CCT of 6,500 K]	Warm-up time to 60% light (nom.)	0.5 s
Technical Beam Angle (Nom)	160 °	Power factor (nom.)	0.9
Lamp Luminous Flux 25°C EL (Nom)	3700 lm	Voltage (Nom)	220-240 V
Colour Designation	Cool Daylight	<b>Temperature</b>	
Colour Temperature, horizontal (Nom)	6500 K	T-ambient (max.)	45 °C
Lamp Luminous Efficacy EM (Nom)	185.00 lm/W	T-ambient (min.)	-20 °C
Colour consistency	<6	T storage (max.)	65 °C
Colour Rendering Index,horiz (Nom)	80	T storage (min.)	-40 °C

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T-Case maximum (nom.)	60 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Lamp Finish	Frosted
Bulb material	Glass
Product length	1500 mm
Bulb shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Efficiency Class	B
Energy-saving product	Yes
Approval marks	TUV
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	20 kWh
	453170
<b>Product Data</b>	
Full product code	871951433978100
Order product name	MASTER LEDtube 1500mm UE 20W 865 T8
EAN/UPC – product	8719514339781
Order code	929003067302
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929003067302
SAP net weight (piece)	0.270 kg

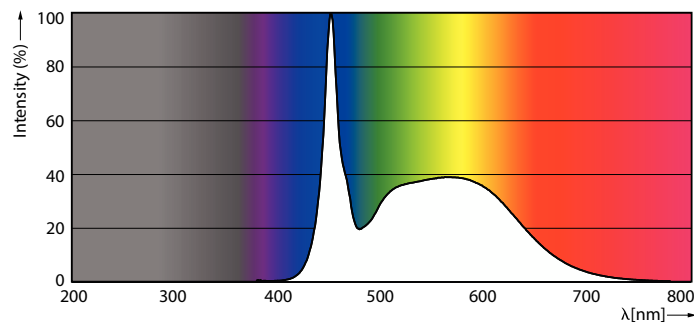
## Dimensional drawing



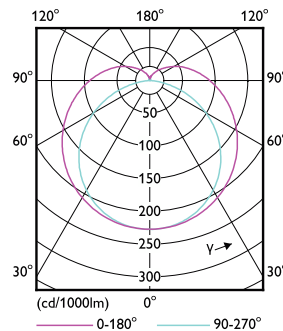
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm UE 20W 865 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm

## Photometric data



Spectral Power Distribution Colour



Light Distribution Diagram

