



# MASTER LEDtube EM/ Mains T8

## MAS LEDtube 1200mm 18W830 T8 I

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

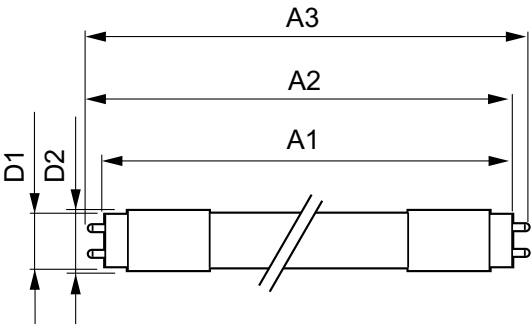
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	40,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	18 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	Instant full light s
Light Technical		Power Factor (Fraction)	0.9
Color Code	830 [CCT of 3000K]	Voltage (Nom)	220-240 V
Beam Angle (Nom)	160 degree(s)	Temperature	
Luminous Flux	2,000 lm	Ambient temperature range	-20 °C to 45 °C
Correlated Color Temperature (Nom)	3000 K	T-Case Maximum (Nom)	60 °C
Color Consistency	<6	Controls and Dimming	
Color rendering index (CRI)	83	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Mechanical and Housing	
Product Length	1,200 mm
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	MAS LEDtube 1200mm 18W830 T8 I

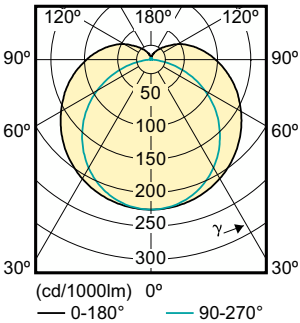
Full product name	MAS LEDtube 1200mm 18W830 T8 I
Full product code	871869651116900
Order code	929001178508
Material Nr. (12NC)	929001178508
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696511169
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696511176

Dimensional drawing

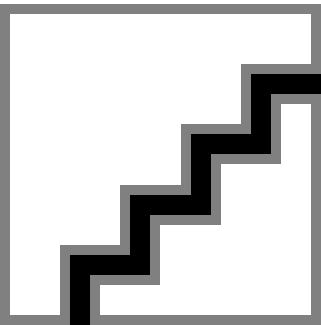


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm 18W830 T8 I	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm 18W830 T8 I



Spectral Power Distribution Colour - MAS LEDtube 1200mm 18W830 T8 I

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