

The new generation of energy saving tube lighting

MASTER LEDtube EM/Mains 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 lamping in general lighting applications.

Benefits

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than normal fluorescent tubes
- Fastest and easiest way to upgrade existing luminaire to LED technology; 100%-safe installation process

Features

- Only 50% energy consumption compared to fluorescent tubes
- Extra-long life of 40,000 hours
- Retrofit to existing T8 lamps on EM or HF electronic gear
- Full safety features and EM Protector safety device
- No mercury

Application

- Car parks
- Warehouses
- Transport and distribution areas
- Front & back of house retail & hospitality

Warnings and Safety

- -

MASTER LEDtube EM/Mains T8

Versions

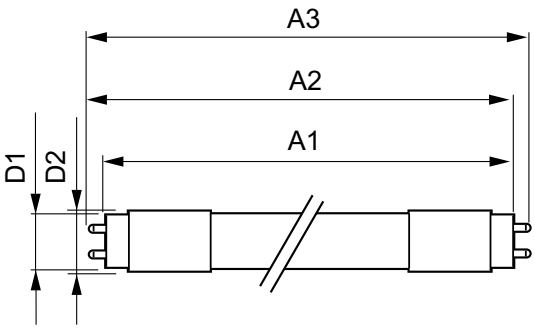


LEDtube 600mm 7W G13



LEDtube T8 G13 2

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube STD 1200mm 10.5W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube STD 1200mm 10.5W865 T8 I AU	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

MASTER LEDtube EM/Mains T8

General Information	
Cap-Base	G13
Switching Cycle	200,000
Light Technical	
Correlated Color Temperature (Nom)	6500 K
Color Code	865
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	1,600 lm
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	10.5 W
Starting Time (Nom)	0.5 s
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	T8

General Information

Order Code	Full Product Name	Nominal lifetime
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	50,000 h
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	60,000 h

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Color rendering index (CRI)
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	160 degree(s)	83
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	190 degree(s)	80

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Wattage Equivalent
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	-	36 W
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	50 to 60 Hz	-

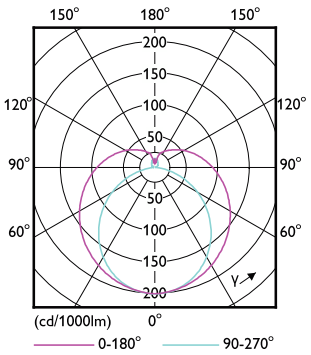
Temperature

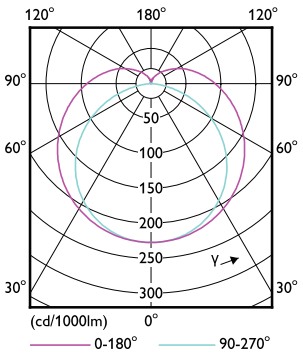
Order Code	Full Product Name	Ambient temperature range
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	-20 to +45 °C
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	-20 °C to 45 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	-
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	Frosted

MASTER LEDtube EM/Mains T8





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.