



MASTER LED tube T8
UltraEfficient with
Recycled Plastic
9223984



For top performance and sustainability

With energy prices rising and the EU's Green Deal continuing to fund energy efficient building renovations, many are looking into make their company's lighting more sustainable. The new Philips MASTER LEDtube UltraEfficient T8 is a true breakthrough on the way to more sustainable lighting. It replaces your current fluorescent tube or LED tube directly and offers immediately great energy cost reduction as well as a much longer lifetime!

Benefits

- Absolute performance in energy saving: up to 44% compared with standard LED tube
- Reliable performance of up to 100,000 hours
- Energy cost and CO2 savings from the start

Applications

- Industry & warehouse
- Office, education & retail

Versions

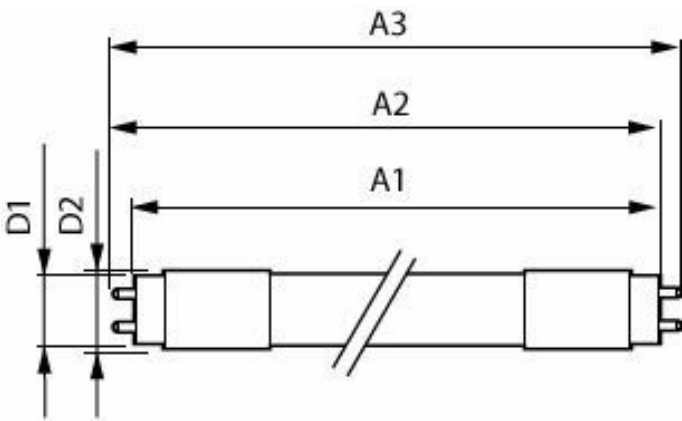


LEDtube 1200mm 15W G13

Features

- Ultra efficiency achieves an incredible class A energy efficiency rating
- Made with on average 40% post-consumer-recycled plastic
- Up to 100,000 hours lifetime
- Rotatable end-cap that gives light where needed
- Shatterproof, passing drop test horizontally from a height of 4m on to a flat concrete according to IEC 61549
- Enable easy implementation of HACCP without need for additional guard, supported by product level NSF certificate

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UE 11.9W 840 T8 EELA	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm UE 11.9W 865 T8 EELA	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

D1	D2	A1	A2	A3
25.8mm	28mm	1198.2mm	1205.3mm	1212.4mm

General Information

Cap-Base	G13 Rotatable end-cap
Nominal lifetime	100,000 hour(s)
Switching Cycle	200,000

Light Technical

Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,500 lm
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	11.9 W
Wattage Equivalent	36 W
Starting Time (Nom)	0.5 s

Temperature

T-Case Maximum (Nom)	40 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	T8

Approval and Application

Ambient temperature range -20 to +45 °C

Light Technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)
28170700	MAS LEDtube 1200mm UE 11.9W 840 T8 EELA	840	4000 K
28172100	MAS LEDtube 1200mm UE 11.9W 865 T8 EELA	865	6500 K