



# For top performance and sustainability

## MASTER LED tube T8 UltraEfficient with Recycled Plastic

With energy prices rising and the EU's Green Deal continuing to fund energy efficient building renovations, many are looking into making 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

### Features

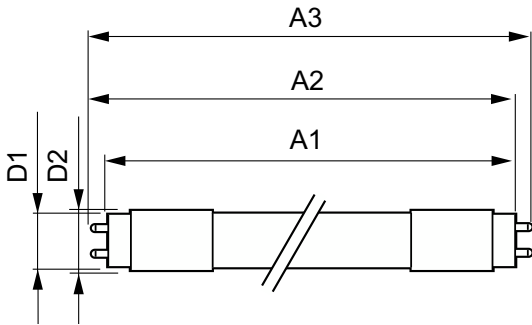
- Ultra efficiency achieves an incredible class A energy efficiency rating
- Made with on average 40% post-consumer-recycled plastic
- Up to 100,000 hours lifetime
- Rotatable end-cap that gives light where needed
- Shatterproof, passing drop test horizontally from a height of 4m on to a flat concrete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

### Application

- Industry & warehouse
- Office, education & retail

# MASTER LED tube T8 UltraEfficient with Recycled Plastic

## 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 1500mm UE 17.6W 840 T8 EELA	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm

### General Information

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

### Light Technical

Beam Angle (Nom)	160 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Color Code	840
LLMF At End Of Nominal Lifetime (Nom)	70 %

### Operating and Electrical

Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

### 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
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### Light Technical

Order Code	Full Product Name	Luminous Flux
929003482202	MAS LEDtube 1200mm UE 11.9W 840 T8 EELA	2,500 lm
929003482302	MAS LEDtube 1500mm UE 17.6W 840 T8 EELA	3,700 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
929003482202	MAS LEDtube 1200mm UE 11.9W 840 T8 EELA	11.9 W

Order Code	Full Product Name	Power Consumption
929003482302	MAS LEDtube 1500mm UE 17.6W 840 T8 EELA	17.6 W

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929003482202	MAS LEDtube 1200mm UE 11.9W 840 T8 EELA	40 °C

# MASTER LED tube T8 UltraEfficient with Recycled Plastic

Order Code	Full Product Name	T-Case Maximum (Nom)
929003482302	MAS LEDtube 1500mm UE 17.6W 840 T8	45 °C
EELA		

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
929003482202	MAS LEDtube 1200mm UE 11.9W 840 T8	12 kWh
EELA		
929003482302	MAS LEDtube 1500mm UE 17.6W 840 T8	18 kWh
EELA		

