



# MASTER LEDtube EM/ Mains T8

## MAS LEDtube 1500mm UO 25W 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		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	25 W
Lighting Technology	LED	Lamp Current (Max)	113 mA
EU RoHS compliant	Yes	Lamp Current (Min)	105 mA
<b>Light Technical</b>		Starting Time (Nom)	0.5 s
Color Code	865 [CCT of 6500K]	Warm-up time to 60% light	0.1 s
Beam Angle (Nom)	160 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	3,700 lm	Voltage (Nom)	220-240 V
Correlated Color Temperature (Nom)	6500 K	<b>Temperature</b>	
Luminous Efficacy (rated) (Nom)	148 lm/W	Ambient temperature range	-20 °C to 35 °C
Color Consistency	<6	T-Case Maximum (Nom)	55 °C
Color rendering index (CRI)	83	<b>Controls and Dimming</b>	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	No

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## Mechanical and Housing

Product Length 1,500 mm

## Approval and Application

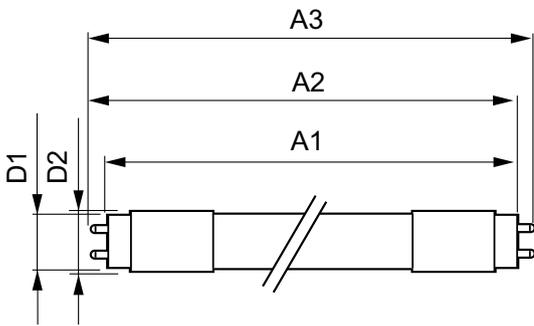
Energy Saving Product Yes  
 Suitable For Accent Lighting No  
 Approval Marks CE marking KEMA Keur certificate RoHS compliance  
 Energy Consumption kWh/1000 h 25 kWh

## Product Data

Order product name MAS LEDtube 1500mm UO 25W 865 T8

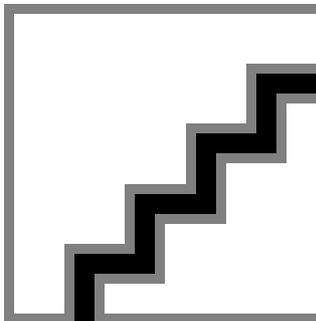
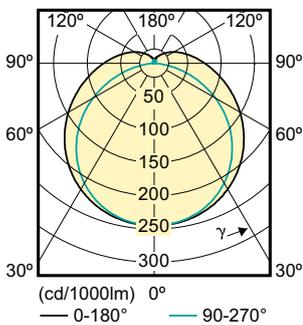
Full product name MAS LEDtube 1500mm UO 25W 865 T8  
 Full product code 871869646163100  
 Order code 929001149302  
 Material Nr. (12NC) 929001149302  
 Numerator - Quantity Per Pack 1  
 EAN/UPC - Product/Case 8718696461631  
 Numerator - Packs per outer box 10  
 EAN/UPC - Case 8718696461648

## Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UO 25W 865 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

## Photometric data



Light Distribution Diagram - MAS LEDtube 1500mm UO 25W 865 T8

Spectral Power Distribution Colour - MAS LEDtube 1500mm UO 25W 865 T8

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