



# MASTER LEDtube EM/ Mains

## MASTER LEDtube 1500mm HO 23W830 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.

## Warnings and Safety

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#### **Product data**

General Information					
Cap base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	50,000 h				
Switching Cycle	200,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Colour Code	830 [CCT of 3000K]				
Beam angle (nom.)	160 degree(s)				
Luminous Flux	2,900 lm				
Colour designation	White (WH)				
Correlated Colour Temperature	3000 K				
Colour consistency	<6				
Colour rendering index (CRI)	80				
LLMF at end of nominal lifetime (nom.) 70 %					

Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input frequency	50 to 60 Hz			
Power Consumption	23 W			
Lamp current (max.)	105 mA			
Lamp current (min.)	95 mA			
Starting time (nom.)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (nom.)	220-240 V			
Temperature				
Ambient temperature range	-20°C to 35°C			
T-Case maximum (nom.)	55 °C			
Controls and Dimming				
Dimmable	No			

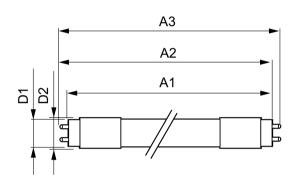
Datasheet, 2023, April 29 data subject to change

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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 RoHS compliance KEMA Keur			
	certificate			
Energy consumption kWh/1,000 hours	23 kWh			
Product Data				
Order product name	MAS LEDtube 1500mm HO 23W830 T8			

Full product name	MASTER LEDtube 1500mm HO 23W830 T8				
Full EOC	871829178956700				
Order code	78956700				
Material no. (12 NC)	929001116002				
SAP numerator – quantity per pack	1				
EAN/UPC — Product/Case	8718291789567				
Numerator – packs per outer box	10				
EAN/UPC - Case	8718291789574				

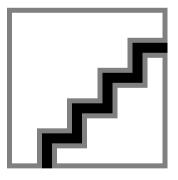
# Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube 1500mm HO	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm
23W830 T8					

## Photometric data

1200 / \1800 / \1200



Light Distribution Diagram - MAS LEDtube 1500mm HO 23W830 T8

Spectral Power Distribution Colour - MAS LEDtube 1500mm HO 23W830 T8

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