



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 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 h	Input frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	23 W
Lighting Technology	LED	Lamp current (max.)	105 mA
EU RoHS compliant	Yes	Lamp current (min.)	95 mA
Light Technical		Starting time (nom.)	0.5 s
Colour Code	830 [CCT of 3000K]	Warm-up time to 60% light	0.5 s
Beam angle (nom.)	160 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	2,900 lm	Voltage (nom.)	220-240 V
Colour designation	White (WH)	Temperature	
Correlated Colour Temperature	3000 K	Ambient temperature range	-20°C to 35°C
Colour consistency	<6	T-Case maximum (nom.)	55 °C
Colour rendering index (CRI)	80	Controls and Dimming	
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 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

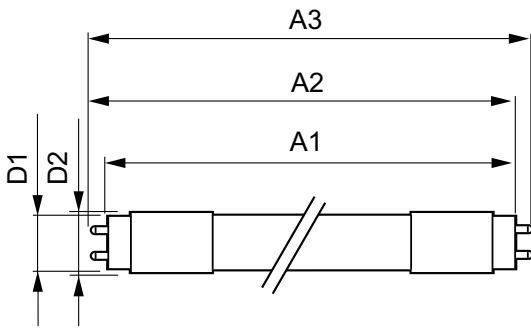
SAP numerator – quantity per pack 1

EAN/UPC – Product/Case 8718291789567

Numerator – packs per outer box 10

EAN/UPC – Case 8718291789574

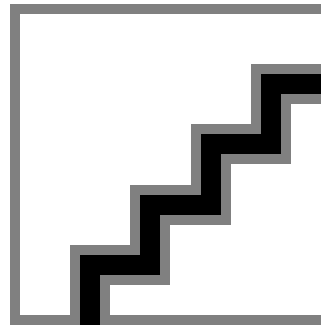
Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm HO 23W830 T8	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm

Photometric data

120° / 180° / 120°



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

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

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