



MASTER LEDtube EM/ Mains

MASTER LEDtube 1500mm HO 23W840 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	840 [CCT of 4000K]			
Beam angle (nom.)	160 degree(s)			
Luminous Flux	3,100 lm			
Colour designation	Cool White (CW)			
Correlated Colour Temperature	4000 K			
Colour consistency	<6			
Colour rendering index (CRI)	80			
LLMF at end of nominal lifetime (nom.) 70 %				

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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 ℃			
Controls and Dimming				
Dimmable	No			

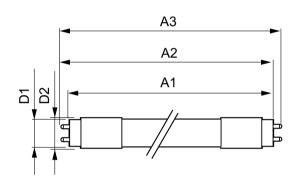
Datasheet, 2023, April 29 data subject to change

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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 23W840 T8			

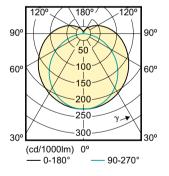
Full product name	MASTER LEDtube 1500mm HO 23W840 T8			
Full EOC	871829178958100			
Order code	78958100			
Material no. (12 NC)	929001116102			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8718291789581			
Numerator – packs per outer box	10			
EAN/UPC - Case	8718291789598			

Dimensional drawing

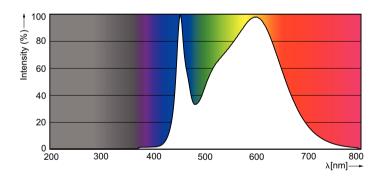


Product	D1	D2	A1	A2	А3
MAS LEDtube 1500mm HO	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm
23W840 T8					

Photometric data







Spectral Power Distribution Colour - MAS LEDtube 1500mm HO 23W840 T8

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