



MASTER LEDtube EM/ Mains T8

MAS 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 hour(s)		
Switching Cycle	200,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical			
Color Code	840 [CCT of 4000K]		
Beam Angle (Nom)	160 degree(s)		
Luminous Flux	3,100 lm		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Color Consistency	<6		
Color 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 ℃

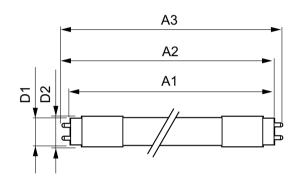
Datasheet, 2023, April 29 data subject to change

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Controls and Dimming				
Dimmable	No			
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/1000 h	23 kWh			

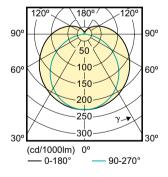
Product Data	
Order product name	MAS LEDtube 1500mm HO 23W840 T8
Full product name	MAS LEDtube 1500mm HO 23W840 T8
Full product code	871829178958100
Order code	929001116102
Material Nr. (12NC)	929001116102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291789581
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291789598

Dimensional drawing

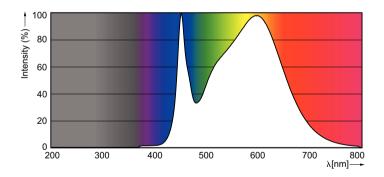


Product	D1	D2	A1	A2	А3
MAS LEDtube 1500mm HO	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm
23W840 T8					

Photometric data



Light Distribution Diagram - MAS LEDtube 1500mm HO 23W840 T8



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

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