

PHILIPS

MASTER LEDtube InstantFit HF

MASTER LEDtube HF 1500mm SO 22W840 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

• NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Product data

General Information					
Cap base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	50,000 h				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Colour Code	840 [CCT of 4000K]				
Beam angle (nom.)	160 degree(s)				
Luminous Flux	2,000 lm				
Correlated Colour Temperature	4000 K				
Colour consistency	<6				
Colour rendering index (CRI)	83				
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	22 W			
Starting time (nom.)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (nom.)	220-240 V			
Temperature				
Ambient temperature range	-20°C to 45°C			
T-Case maximum (nom.)	60 °C			
Controls and Dimming				
Dimmable	No			

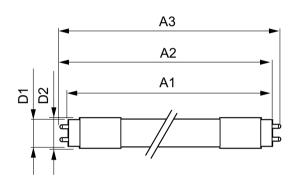
Datasheet, 2023, April 29 data subject to change

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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	27 kWh				
Product Data					
Order product name	MAS LEDtube HF 1500mm SO 22W840 T8				

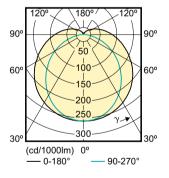
Full product name	MASTER LEDtube HF 1500mm SO 22W840 T8			
Full EOC	871869640078400			
Order code	40078400			
Material no. (12 NC)	929001122402			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8718696400784			
Numerator – packs per outer box	10			
EAN/UPC - Case	8718696400791			

Dimensional drawing

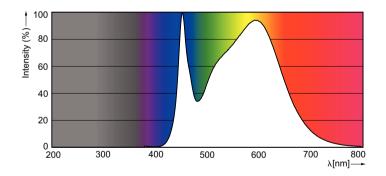


Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm SO	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm
22W840 T8					

Photometric data



Light Distribution Diagram - MAS LEDtube HF 1500mm SO 22W840 T8



Spectral Power Distribution Colour - MAS LEDtube HF 1500mm SO 22W840 T8

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