PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

MAS LEDtube 1500mm UO 25W 830 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	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	3,400 lm				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	148 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	83				
LLMF At End Of Nominal Lifetime (Nom) 70 %					

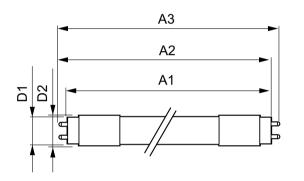
Operating and Electrical					
Line Frequency	50 to 60 Hz				
Input Frequency	50 to 60 Hz				
Power Consumption	25 W				
Lamp Current (Max)	113 mA				
Lamp Current (Min)	105 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.1 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 ℃ to 35 ℃				
T-Case Maximum (Nom)	55 °C				

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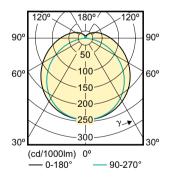
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	1,500 mm				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	CE marking KEMA Keur certificate RoHS				
	compliance				
Energy Consumption kWh/1000 h	25 kWh				

Product Data				
Order product name	MAS LEDtube 1500mm UO 25W 830 T8			
Full product name	MAS LEDtube 1500mm UO 25W 830 T8			
Full product code	871869646157000			
Order code	929001149102			
Material Nr. (12NC)	929001149102			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696461570			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696461587			

Dimensional drawing

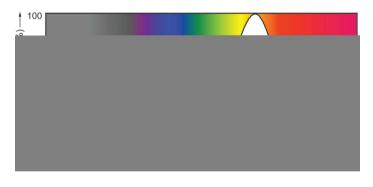


Photometric data



Light Distribution Diagram - MAS LEDtube 1500mm UO 25W 830 T8

Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UO 25W	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
830 T8					



Spectral Power Distribution Colour - MAS LEDtube 1500mm UO 25W 830 T8

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