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. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

Warnings and Safety

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

Product data

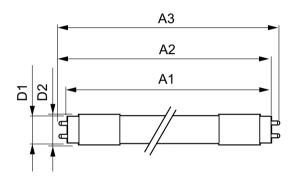
witching Cycle 50,000 ighting Technology LED U RoHS compliant Yes Input Frequency ight Technical iolor Code 830 [CCT of 3000K]	50 to 60 Hz
Switching Cycle 50,000 Operating and Electrical Lighting Technology LED Line Frequency EU RoHS compliant Yes Input Frequency Light Technical Power Consumption Light Technical S30 [CCT of 3000K] Lamp Current (Max)	
Lighting Technology LED Line Frequency EU RoHS compliant Yes Input Frequency Power Consumption Power Consumption Light Technical Lamp Current (Max) Color Code 830 [CCT of 3000K] Lamp Current (Min)	
EU RoHS compliant Yes Input Frequency Light Technical Power Consumption Color Code 830 [CCT of 3000K] Lamp Current (Max)	
Light Technical Power Consumption Color Code 830 [CCT of 3000K] Lamp Current (Max)	50.1.60.11
Light Technical Lamp Current (Max) Color Code 830 [CCT of 3000K] Lamp Current (Min)	50 to 60 Hz
Color Code 830 [CCT of 3000K] Lamp Current (Min)	25 W
	113 mA
Beam Angle (Nom) 160 degree(s) Starting Time (Nom)	105 mA
	0.5 s
Luminous Flux 3,400 lm Warm-up time to 60% light	0.1 s
Correlated Color Temperature (Nom) 3000 K Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom) 148 lm/W Voltage (Nom)	220-240 V
Color Consistency <6	

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Temperature						
Ambient temperature range	-20 °C to 35 °C					
T-Case Maximum (Nom)	55 ℃					
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					

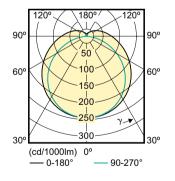
Energy Consumption kWh/1000 h	25 kWh			
Product Data				
Order product name	MAS LEDtube 1500mm UO 25W 830 T8			
Full product name	MAS LEDtube 1500mm UO 25W 830 T8 871869646157000 929001149102 929001149102			
Full product code				
Order code				
Material Nr. (12NC)				
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696461570			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696461587			
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Dimensional drawing

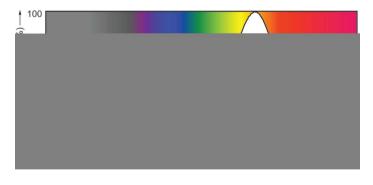


Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UO 25W	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
830 T8					

Photometric data



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



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

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