



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm UO 18W 840 T8 RS

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	840 [CCT of 4000K]			
Beam Angle (Nom)	160 degree(s)			
Luminous Flux	2,500 lm			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	139 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	18 W		
Lamp Current (Max)	82 mA		
Lamp Current (Min)	75 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 °C to 35 °C		
T-Case Maximum (Nom)	55 ℃		

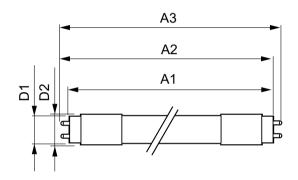
Datasheet, 2023, April 29 data subject to change

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Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	47-1/4 inch				
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	18 kWh				

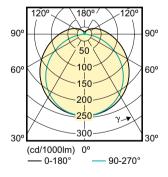
Product Data					
Order product name	MAS LEDtube 1200mm UO 18W 840 T8 RS				
Full product name	MAS LEDtube 1200mm UO 18W 840 T8 R				
Full product code	871869646151800				
Order code	929001148902				
Material Nr. (12NC)	929001148902				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696461518				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718696461525				

Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm UO 18W 840	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
T8 RS					

Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm UO 18W 840 T8 RS



Spectral Power Distribution Colour - MAS LEDtube 1200mm UO 18W 840 T8 $\,$ RS

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