PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm UO 18W 865 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	865 [CCT of 6500K]					
Beam Angle (Nom)	160 degree(s)					
Luminous Flux	2,500 lm					
Correlated Color Temperature (Nom)	6500 K					
Luminous Efficacy (rated) (Nom)	139 lm/W					
Color Consistency	<6					
Color rendering index (CRI)	83					
LLMF At End Of Nominal Lifetime (Nom) 70 %						

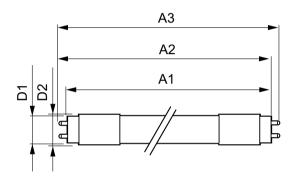
Operating and Electrical			
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		
Power Consumption	18 W		
Lamp Current (Max)	82 mA		
Lamp Current (Min)	75 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.1 s		
Power Factor (Fraction)	0.9		
Voltage (Nom)	220-240 V		
Temperature			
Ambient temperature range	-20 °C to 35 °C		
T-Case Maximum (Nom)	55 ℃		

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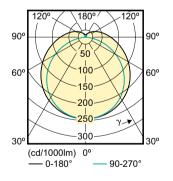
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	1,200 mm				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	CE marking KEMA Keur certificate RoHS				
	compliance				
Energy Consumption kWh/1000 h	18 kWh				

Product Data					
Order product name	MAS LEDtube 1200mm UO 18W 865 T8 RS				
Full product name	MAS LEDtube 1200mm UO 18W 865 T8 RS				
Full product code	871869646155600				
Order code	929001149002				
Material Nr. (12NC)	929001149002				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696461556				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718696461563				

Dimensional drawing

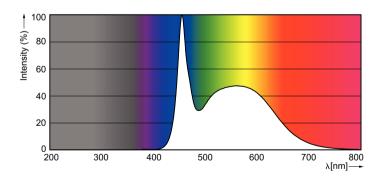


Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm UO 18W 865 T8 RS

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 18W 865	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
T8 RS					



Spectral Power Distribution Colour - MAS LEDtube 1200mm UO 18W 865 T8 RS

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