



MASTER LEDtube EM/ Mains

MAS LEDtube 1200mm HO 16W830 T8 RN

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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Product data

General Information				
Cap base	G13 [Medium Bi-Pin Fluorescent]			
Main application	Industrial			
Nominal lifetime (nom.)	50000 h			
Switching cycle	200000X			
B50L70	50000 h			
Light Technical				
Colour code	830 [CCT of 3,000 K]			
Beam Angle (Nom)	160 °			
Luminous flux (nom.)	2000 lm			
Luminous flux (rated) (nom.)	2000 lm			
Colour designation	White (WH)			
Rated beam angle	160 °			
Correlated colour temperature (nom.)	3000 K			
Colour consistency	<6			
Color rendering index (nom.)	80			
LLMF at end of nominal lifetime (nom.) 70 %				

Operating and Electrical			
Input frequency	50 to 60 Hz		
Power (Rated) (Nom)	16 W		
Lamp current (max.)	77 mA		
Lamp current (min.)	68 mA		
Starting time (nom.)	0.5 s		
Warm-up time to 60% light (nom.)	0.5 s		
Power factor (nom.)	0.9		
Voltage (Nom)	220-240 V		
Temperature			
T ambient (max.)	35 ℃		
T ambient (min.)	-20 °C		
T storage (max.)	65 ℃		
T storage (min.)	-40 °C		
T-Case maximum (nom.)	55 ℃		
Controls and Dimming			
Dimmable	No		

Datasheet, 2019, September 3 data subject to change

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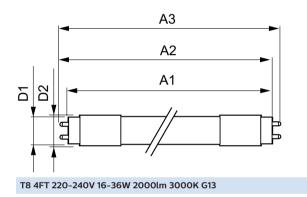
Mechanical and Housing				
Product length	1200 mm			
Approval and Application				
Energy efficiency label (EEL)	A++			
Energy-saving product	Yes			
Suitable for accent lighting	No			
Approval marks	CE marking RoHS compliance KEMA Keur			
	certificate			
Energy Consumption kWh/1000 h	16 kWh			

Product Data				
Full product code	871869667775900			
Order product name	MAS LEDtube 1200mm HO 16W830 T8 RN			
EAN/UPC – product	8718696677759			
Order code	67775900			
Numerator – quantity per pack	1			
Numerator – packs per outer box	10			
Material no. (12NC)	929001284902			
Net weight (piece)	0.270 kg			

Warnings and Safety

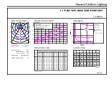
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Dimensional drawing



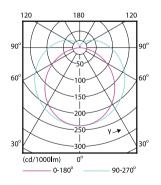
Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm HO	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
16W830 T8 RN					

Photometric data



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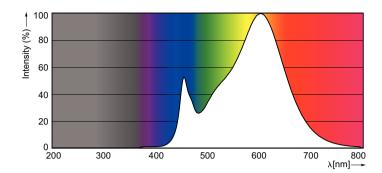


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Photometric data





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