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MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1200mm UO 21W840 T8

Philips MASTER LEDtube InstantFit T8 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. Philips MASTER LEDtube InstantFit T8 is the ideal solution for customers who have higher light requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times and TCO benefits.

Warnings and Safety

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

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			
Color Consistency	<6			
Color rendering index (CRI)	83			

LLMF At End Of Nominal Lifetime (Nom) 70 %				
Operating and Electrical				
Line Frequency	25000-80000 Hz			
Input Frequency	25000-80000 Hz			
Power Consumption	21 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	50-100 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	45 °C	45 °C		

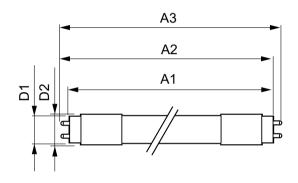
Datasheet, 2023, December 6 data subject to change

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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	25 kWh				

Product Data				
Order product name	MAS LEDtube HF 1200mm UO 21W840 T8			
Full product name	MAS LEDtube HF 1200mm UO 21W840 T8			
Full product code	871869655278000			
Order code	929001211102			
Material Nr. (12NC)	929001211102			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696552780			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696552797			

Dimensional drawing



Product	D1	D2	A1	A2	А3
MAS LEDtube HF 1200mm UO	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
21W840 T8					

Photometric data

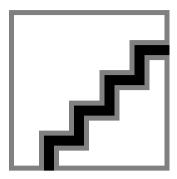


Light Distribution Diagram - MAS LEDtube HF 1200mm UO 21W840 T8

General uniform lighting - MAS LEDtube HF 1200mm UO 21W840 T8

MASTER LEDtube InstantFit HF T8

Photometric data



Spectral Power Distribution Colour - MAS LEDtube HF 1200mm UO 21W840 T8 $\,$



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