PHILIPS Lighting

MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1200mm HO 18W840 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					
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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	2,100 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	18 W				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	Instant full light s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	50-100 V				
Temperature					
Ambient temperature range	-20 ℃ to 35 ℃				
T-Case Maximum (Nom)	40 °C				

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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 RoHS compliance KEMA Keur				
	certificate				
Energy Consumption kWh/1000 h	22 kWh				

Product Data					
Order product name	MAS LEDtube HF 1200mm HO 18W840 T8				
Full product name	MAS LEDtube HF 1200mm HO 18W840 T8				
Full product code	871869647125800				
Order code	929001155102				
Material Nr. (12NC)	929001155102				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718696471258				
Numerator - Packs per outer box	10				
EAN/UPC - Case	8718696471265				

Dimensional drawing

Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm HO	25.6 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
18W840 T8					

Photometric data

1200 / 1800/ 1200

Light Distribution Diagram - MAS LEDtube HF 1200mm HO 18W840 T8

Spectral Power Distribution Colour - MAS LEDtube HF 1200mm HO 18W840 T8

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