



# MASTER LEDtube InstantFit HF T8

### MAS LEDtube HF 1200mm HO 18W840 T8 CLEAR

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)	120 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 °C to 35 °C	
T-Case Maximum (Nom)	40 ℃	

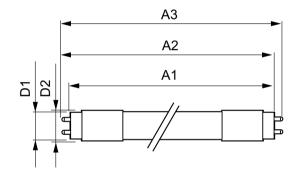
Datasheet, 2023, December 6 data subject to change

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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 RoHS compliance KEMA Keur
	certificate
Energy Consumption kWh/1000 h	22 kWh
Product Data	
Order product name	MAS LEDtube HF 1200mm HO 18W840 T8
	CLEAR

Full product name	MAS LEDtube HF 1200mm HO 18W840 T8
	CLEAR
Full product code	871869654907000
Order code	929001206902
Material Nr. (12NC)	929001206902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696549070
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696549087

# Dimensional drawing

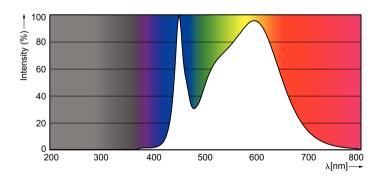


 Product
 D1
 D2
 A1
 A2
 A3

 MAS LEDtube HF 1200mm HO
 25.68 mm
 28 mm
 1,198.0 mm
 1,205.0 mm
 1,212.0 mm

 18W840 T8 CLEAR

### Photometric data



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

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

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