



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm 18W840 T8 I

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)	40000 h		
Switching Cycle	50000X		
B50L70	40000 h		
Light Technical			
Color Code	840 [CCT of 4000K]		
Beam Angle (Nom)	160 °		
Luminous Flux (Nom)	2100 lm		
Luminous Flux (Rated) (Nom)	2100 lm		
Rated Beam Angle	160 °		
Correlated Color Temperature (Nom)	4000 K		
Color Consistency	<6		
Color Rendering Index (Nom)	83		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Input Frequency	50 to 60 Hz		

Power (Rated) (Nom)	18 W
Lamp Current (Nom)	78 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	60 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm

Datasheet, 2019, September 3 data subject to change

MASTER LEDtube EM/Mains T8

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	18 kWh

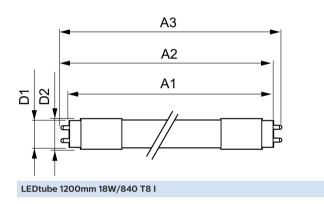
Order product name	MAS LEDtube 1200mm 18W840 T8 I
EAN/UPC - Product	8718696511183
Order code	929001178608
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001178608
Net Weight (Piece)	0.251 kg

Product Data	
Full product code	871869651118300

Warnings and Safety

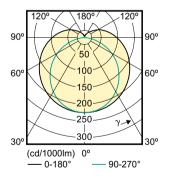
• NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Dimensional drawing

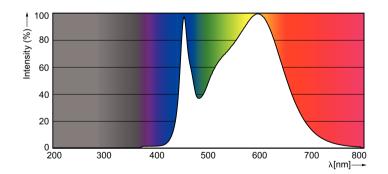


Product	D1	D2	A1	A2	А3
MAS LEDtube 1200mm	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
18W840 T8 I					

Photometric data







LEDtube 1200mm HO 18 W T8, 1200mm 18 W T8 I /840

MASTER LEDtube EM/Mains T8



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.