



# 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		Power (Rated) (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Lamp Current (Nom)	78 mA
Main Application	Industrial	Starting Time (Nom)	0.5 s
Nominal Lifetime (Nom)	40000 h	Warm Up Time to 60% Light (Nom)	instant full light s
Switching Cycle	50000X	Power Factor (Nom)	0.9
B50L70	40000 h	Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	840 [ CCT of 4000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	160 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	2100 lm	T-Storage (Max)	65 °C
Luminous Flux (Rated) (Nom)	2100 lm	T-Storage (Min)	-40 °C
Rated Beam Angle	160 °	T-Case Maximum (Nom)	60 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color Rendering Index (Nom)	83	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	1200 mm
Operating and Electrical			
Input Frequency	50 to 60 Hz		

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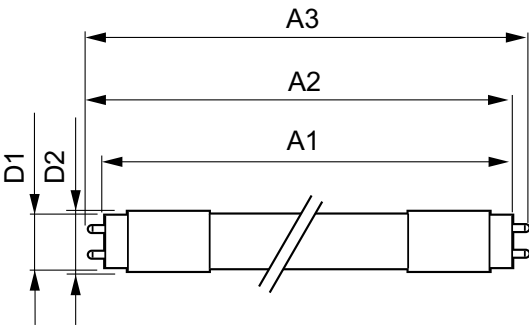
Approval and Application	
Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh
Product Data	
Full product code	871869651118300

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

## 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.

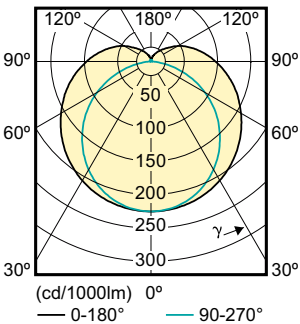
## Dimensional drawing



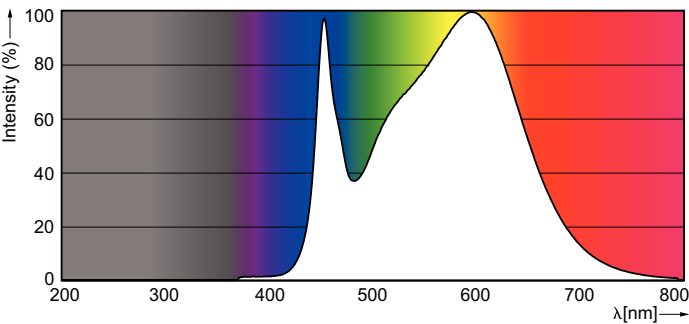
LEDtube 1200mm 18W/840 T8 I

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm 18W840 T8 I	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

## Photometric data



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



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

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