



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 1200mm 18W865 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.

### Warnings and Safety

• -

### Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	6500 K
Color Consistency	<6
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 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)	220-240 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

# MASTER LEDtube EM/Mains T8

## Mechanical and Housing

Product Length 1,200 mm

## Approval and Application

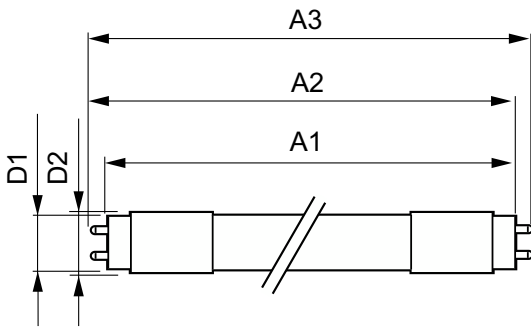
Energy Saving Product Yes  
 Suitable For Accent Lighting No  
 Approval Marks CE marking RoHS compliance KEMA Keur certificate  
 Energy Consumption kWh/1000 h 18 kWh

## Product Data

Order product name MAS LEDtube 1200mm 18W865 T8 I

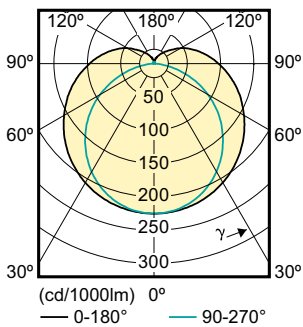
Full product name	MASTER LEDtube 1200mm 18W865 T8 I
Full product code	871869651120600
Order code	51120600
Material Nr. (12NC)	929001178708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696511206
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696511213

## Dimensional drawing

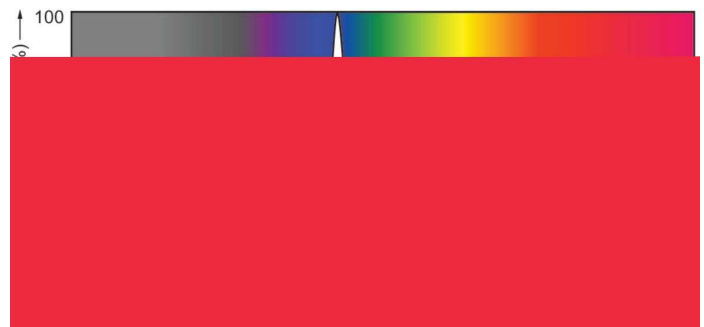


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm 18W865 T8 I	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

## Photometric data



Light Distribution Diagram - MAS LEDtube 1200mm 18W865 T8 I



Spectral Power Distribution Colour - MAS LEDtube 1200mm 18W865 T8 I

## MASTER LEDtube EM/Mains T8

