



# MASTER LEDtube EM/ Mains

## MAS LEDtube 1200mm UO 16W 840 T8

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]
RoHS mark	RoHS mark
Nominal lifetime (nom.)	50000 h
Switching cycle	200000X
B50L70	50000 h

Light Technical	
Colour code	841 [ CCT of 4100K (841)]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2500 lm
Luminous flux (rated) (nom.)	2500 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	4000 K
Colour 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)	16 W
Lamp current (max.)	75 mA
Lamp current (min.)	68 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V

Temperature	
T ambient (max.)	35 °C
T ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	55 °C

Controls and Dimming	
Dimmable	No

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## Mechanical and Housing

Product length 1200 mm

## Approval and Application

Energy efficiency label (EEL) A++  
 Energy-saving product Yes  
 Approval marks CE marking RoHS compliance KEMA Keur certificate  
 Energy Consumption kWh/1000 h 16 kWh

## Product Data

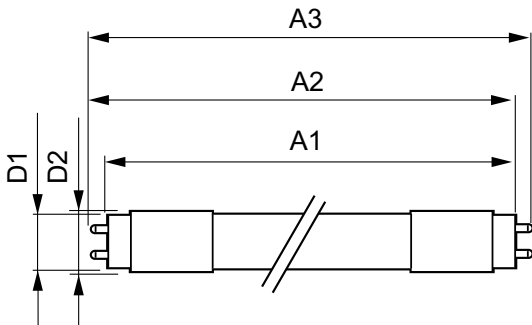
Full product code 871869668738300

Order product name MAS LEDtube 1200mm UO 16W 840 T8  
 EAN/UPC – product 8718696687383  
 Order code 68738300  
 Numerator – quantity per pack 1  
 Numerator – packs per outer box 10  
 Material no. (12NC) 929001297902  
 Net weight (piece) 0.251 kg

## Warnings and Safety

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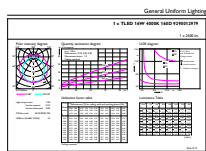
## Dimensional drawing



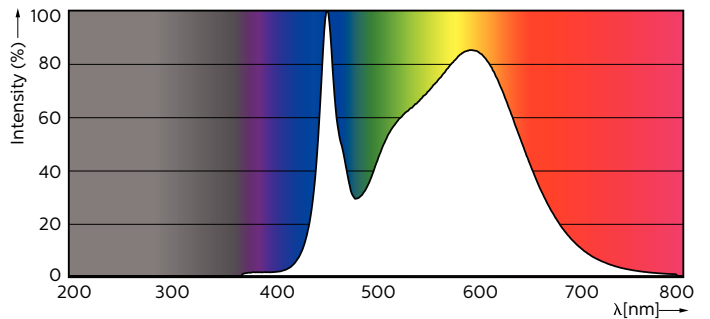
TLED 4ft 16W-36W 2500lm 160D 4000K G13ND

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 16W 840 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



LEDtube 1200mm UO 16W 840 T8



LEDtube 1200mm UO 16W 840 T8

# MASTER LEDtube EM/Mains

## Photometric data



LEDtube 600mm 1200mm 1500mm UO T8

## Lifetime



LEDtube 600mm 1200mm 1500mm UO T8



LEDtube 600mm 1200mm 1500mm UO T8

