



MASTER LEDtube EM/ Mains

MASTER 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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	156.00 lm/W
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)	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
Mechanical and Housing	
Product Length	1200 mm

MASTER LEDtube EM/Mains

Approval and Application

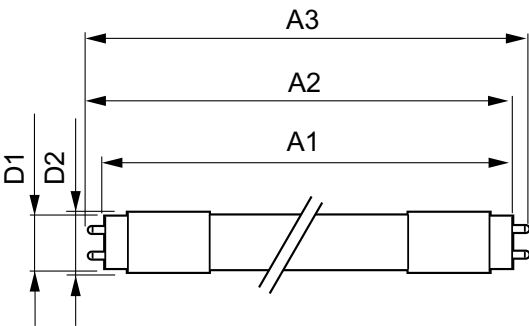
Energy Efficiency Label (EEL)	A++
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

Product Data

Full product code	871869668738300
-------------------	-----------------

Order product name	MASTER LEDtube 1200mm UO 16W 840 T8
EAN/UPC - Product	8718696687383
Order code	929001297902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001297902
Net Weight (Piece)	0.251 kg

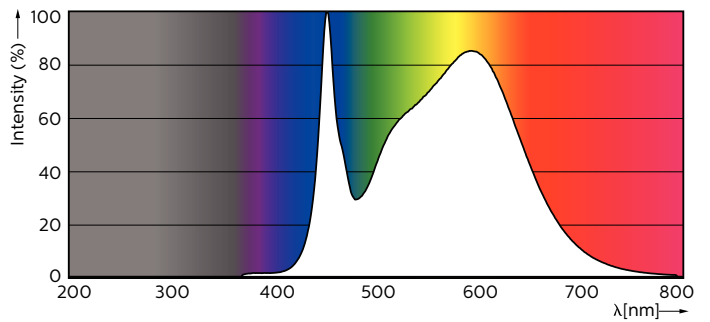
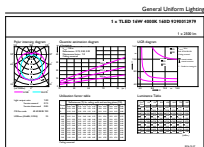
Dimensional drawing



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

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

Photometric data

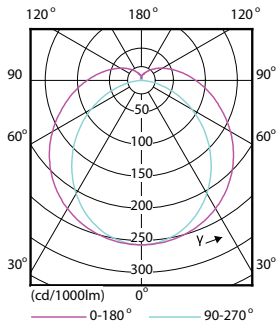


LEDtube 1200mm UO 16W 840 T8

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

