



MASTER LEDtube EM/ Mains T8

MAS LEDtube 1200mm UO 16W 830 T8 G 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]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
B50L70	50000 h

Light Technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	2300 lm
Luminous Flux (Rated) (Nom)	2300 lm
Rated Beam Angle	240 °
Correlated Color Temperature (Nom)	3000 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)	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)	45 °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
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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

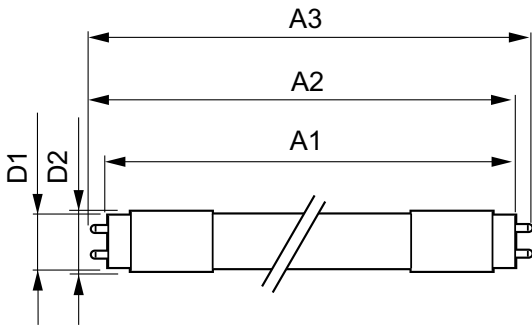
Full product code	871869963295300
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Order product name	MAS LEDtube 1200mm UO 16W 830 T8 G I
EAN/UPC - Product	8718699632953
Order code	929001923432
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001923432
Net Weight (Piece)	0.215 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.

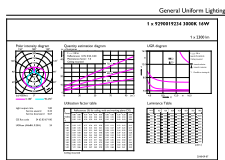
Dimensional drawing



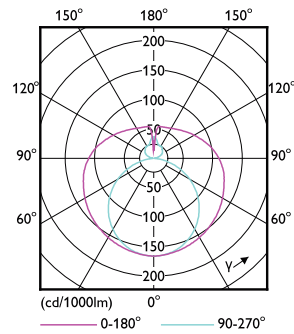
TLED master UO glass 2300lm 16w 3000k

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 16W 830 T8 G I	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data



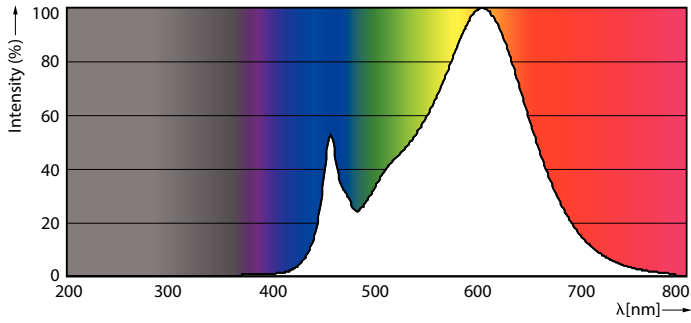
General Uniform Lighting



LEDtube UO 16W G13 830 24D ND

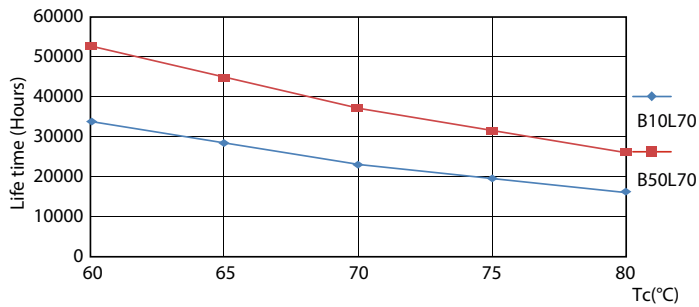
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Photometric data

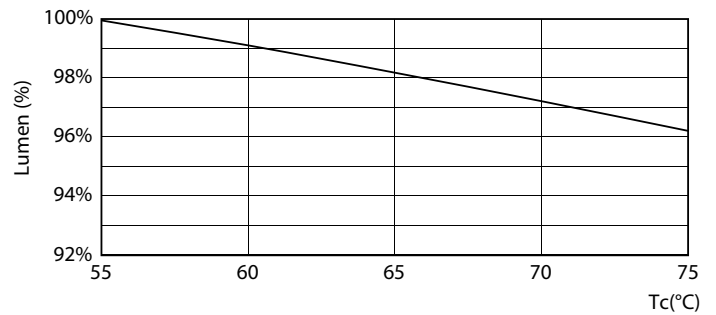


LEDtube UO 16W G13 830 24D ND

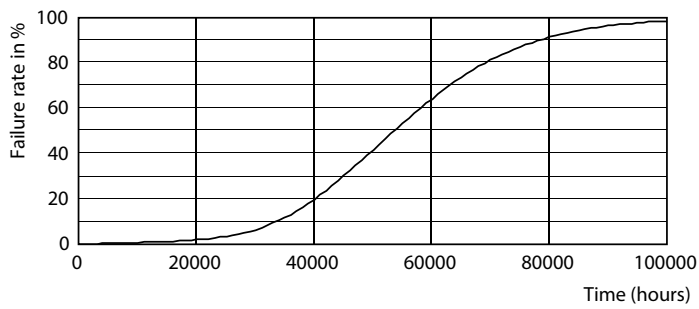
Lifetime



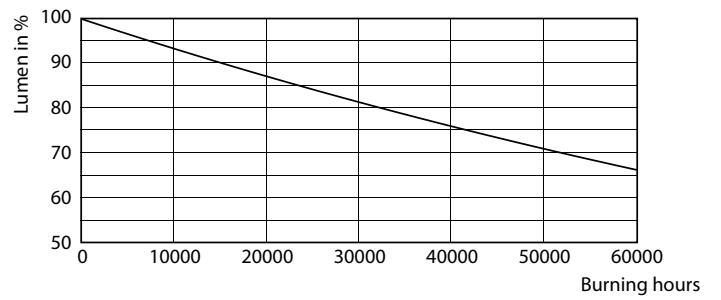
LEDtube UO 16W G13 830 24D ND



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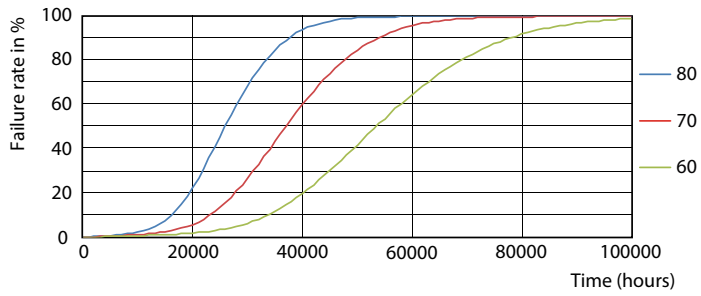
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Lifetime



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