



MASTER LEDtube EM/ Mains

MASTER LEDtube 1500mm 20W833 T8 FOOD

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

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Product data

General Information	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light Technical	
Colour Code	833 [CCT of 3300K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	1680 lm
Colour Designation	White (WH)
Colour Temperature, horizontal (Nom)	3300 K
Luminous Efficacy (rated) (Nom)	84.00 lm/W
Color Consistency	<6
Colour Rendering Index horiz (Nom)	83

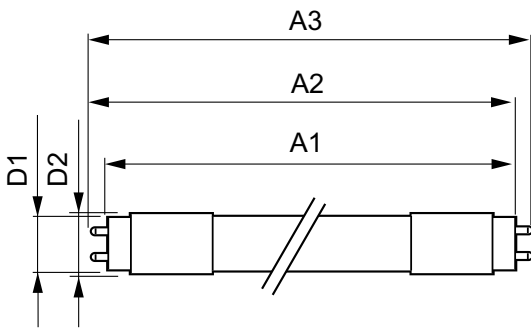
LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	20 W
Lamp Current (Max)	94 mA
Lamp Current (Min)	85 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

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T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1500 mm
Approval and Application	
Energy Efficiency Label	A+
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate

Energy Consumption kWh/1000 h	20 kWh
Product Data	
Full product code	871869676395700
Order product name	MASTER LEDtube 1500mm 20W833 T8 FOOD
EAN/UPC - Product	8718696763957
Order code	76395700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001812302
Net Weight (Piece)	0.310 kg

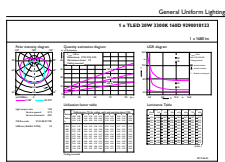
Dimensional drawing



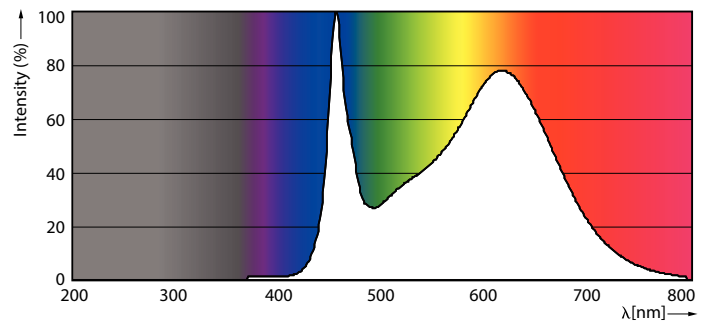
TLED 5ft 20-58W 1680lm 160D 3300K G13 ND

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm 20W833 T8 FOOD	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

Photometric data



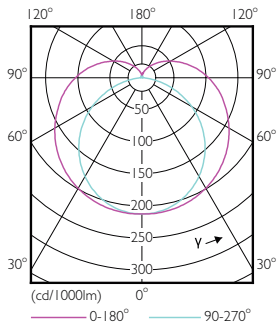
LEDtube 1500mm 20W G13 833 1680lm T8



LEDtube 1200mm 12W G13 833 1000lm T8

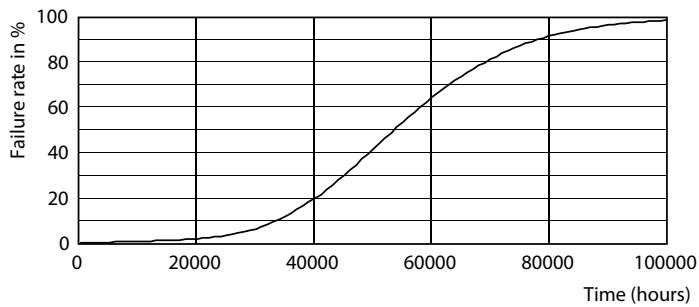
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Photometric data

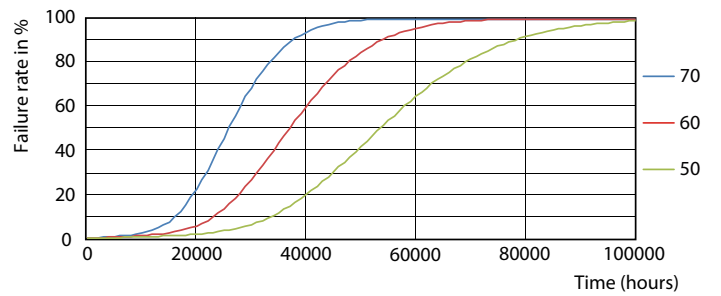


LEDtube 900mm 8-5W G13 833 750lm T8

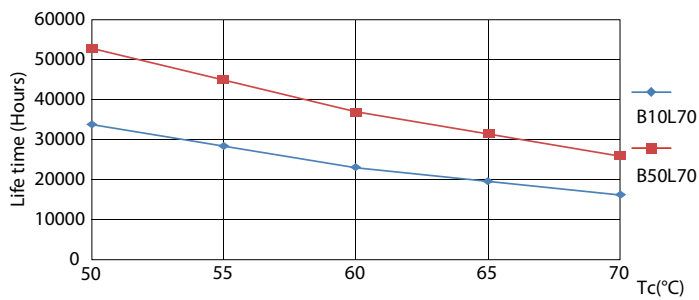
Lifetime



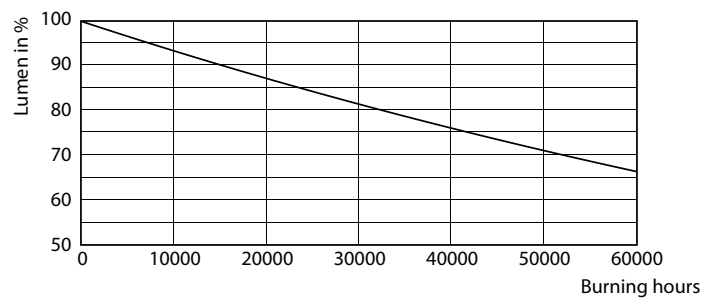
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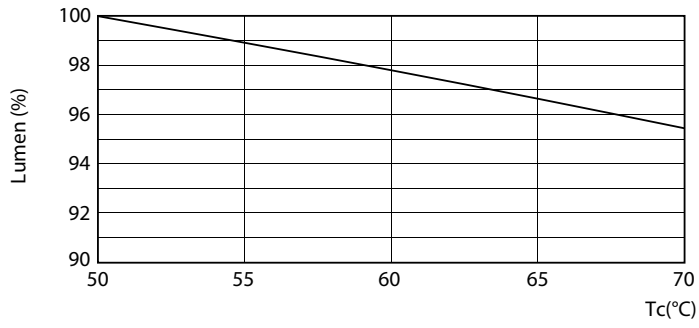
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Lifetime



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