

Master Value LEDtube Universal T8

MAS LEDtube VLE UN 1200mm UO 16W830 T8

The new Philips MASTER LEDtube Universal T8 brings ease and simplicity to your lighting project. That's because you do not need to match the driver technology anymore: a unique design enables the Philips MASTER LEDtube Universal T8 to directly fit in luminaires operating on either electromagnetic ballasts or HF electronic ballasts or mains power connection. It is so simple to operate and you no longer need to stock two types of tubes! Perfectly safe, reliable & easy to install Philips MASTER LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Technical Type	16-36W

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	2300 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	143.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	83

LLMF At End Of Nominal Lifetime (Nom) 70 %	
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Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	16 W
Lamp Current (Nom)	75 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

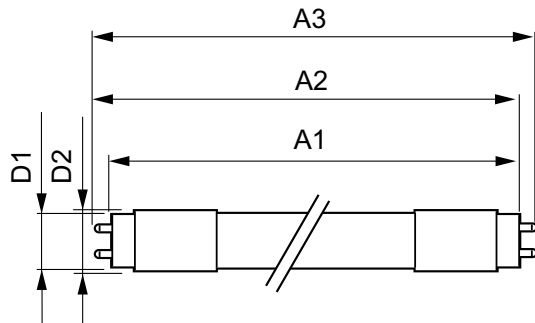
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

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T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Approval and Application	
Energy Efficiency Label (EEL)	A++
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	16 kWh
Product Data	
Full product code	871869973917100
Order product name	MAS LEDtube VLE UN 1200mm UO 16W830 T8
EAN/UPC - Product	8718699739171
Order code	929002333002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002333002
Net Weight (Piece)	0.215 kg

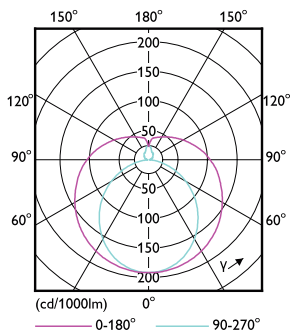
Dimensional drawing



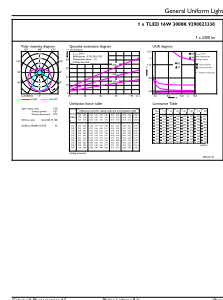
TLED4ft 220-240V 16-36W 2300lm 3000K G13

Product	D1	D2	A1	A2	A3
MAS LEDtube VLE UN 1200mm UO 16W830 T8	25.7 mm	28 mm	1199.4 mm	1205.3 mm	1213.6 mm

Photometric data



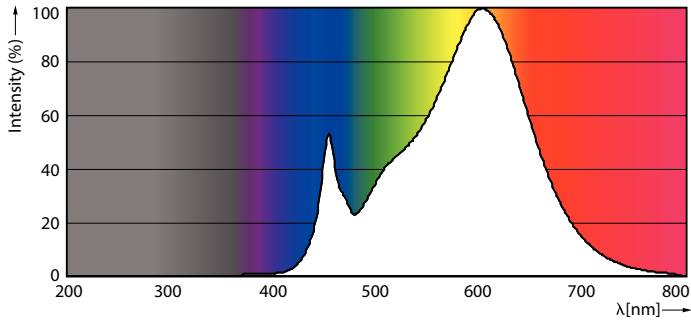
LEDtube T8 G13 MAS



LEDtube 16W G13 2300lm 830

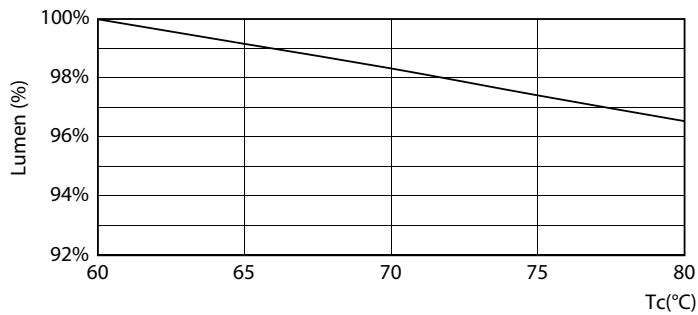
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Photometric data



LEDtube 16W G13 2300lm 830

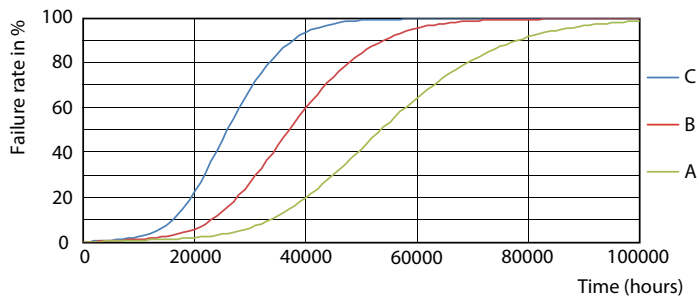
Lifetime



LEDtube 50K MAS LumenVsTc



LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube 50K-LMP

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Lifetime



LEDtube 50K LifetimeVsTc-LED

