PHILIPS

Lighting



MASTER LEDtube Universal T8

Master LEDtube Universal 1200mm UO 16W840 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)	60000 h
Switching Cycle	50000X

Light Technical	
Colour Code	840 [CCT of 4000K]
Luminous Flux (Nom)	2500 lm
Colour Temperature, horizontal (Nom)	4000 K
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)	16 W
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)	45 °C

Controls and Dimming	
Dimmable	No

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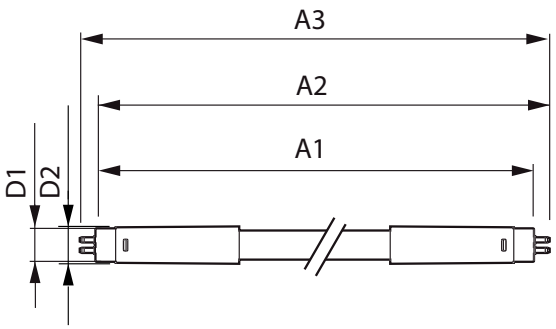
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1200 mm

Approval and Application	
Energy Efficiency Label	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	871869670537700

Order product name	Master LEDtube Universal 1200mm UO 16W840 T8
EAN/UPC - Product	8718696705377
Order code	70537700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001336102
Net Weight (Piece)	0.270 kg

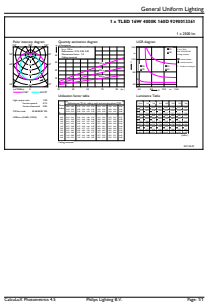
Dimensional drawing



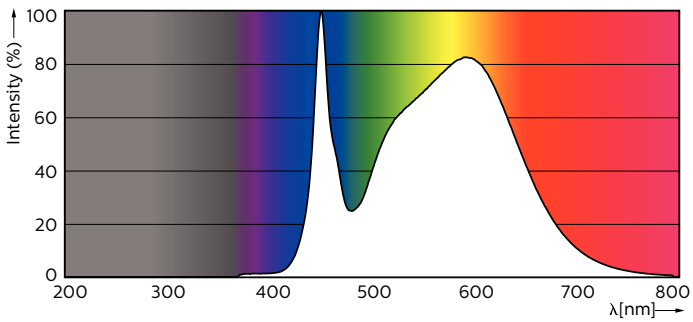
Product	D1	D2	A1	A2	A3
Master LEDtube Universal 1200mm UO 16W840 T8	25.7 mm	28 mm	1199.4 mm	1206.5 mm	1213.6 mm

TLED 16.5W-36W 2500lm 160D 4000K ND

Photometric data



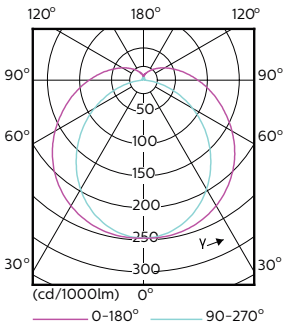
LEDtube 1200mm 16W G13 840 2500lm



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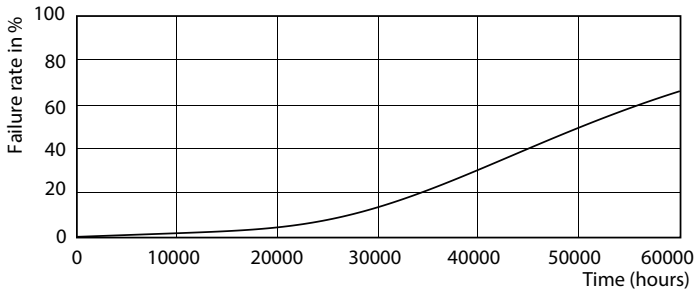
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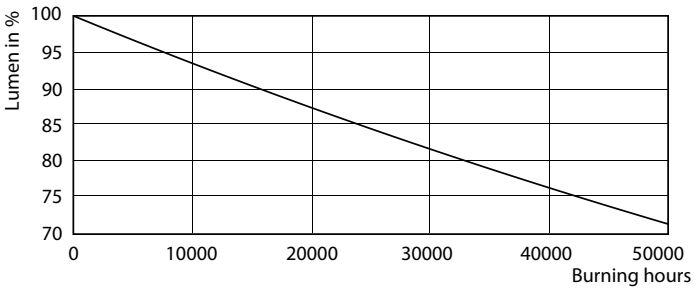


LEDtube 1200mm 16W G13

Lifetime



LEDtube 1200mm 16W G13



LEDtube 1200mm 16W G13

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