



MASTER LEDtube Universal T8

Master LEDtube Universal 1200mm UO 16W865 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		Power (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		16 W
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Nominal Lifetime (Nom)	60000 h	Warm Up Time to 60% Light (Nom)	0.5 s
Switching Cycle	50000X	Power Factor (Nom)	0.9
		Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	865 [CCT of 6500K]	T-Ambient (Max)	45 °C
Luminous Flux (Nom)	2500 lm	T-Ambient (Min)	-20 °C
Correlated Color Temperature (Nom)	6500 K	T-Storage (Max)	65 °C
Color Consistency	<6	T-Storage (Min)	-40 °C
Color Rendering Index (Nom)	83	T-Case Maximum (Nom)	45 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical		Controls and Dimming	
Input Frequency	50 to 60 Hz	Dimmable	No

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Mechanical and Housing

Bulb Material	Plastic
Product Length	1200 mm

Approval and Application

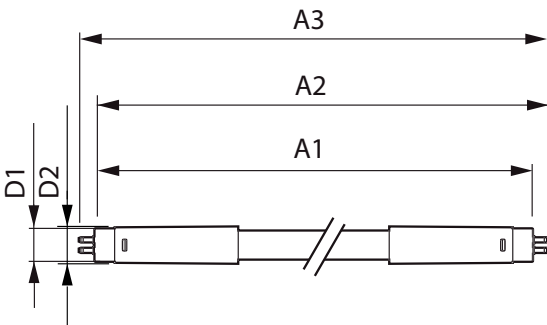
Energy Efficiency Label (EEL)	A++
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

Product Data

Full product code	871869670539100
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Order product name	Master LEDtube Universal 1200mm UO 16W865 T8
EAN/UPC - Product	8718696705391
Order code	929001336202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001336202
Net Weight (Piece)	0.270 kg

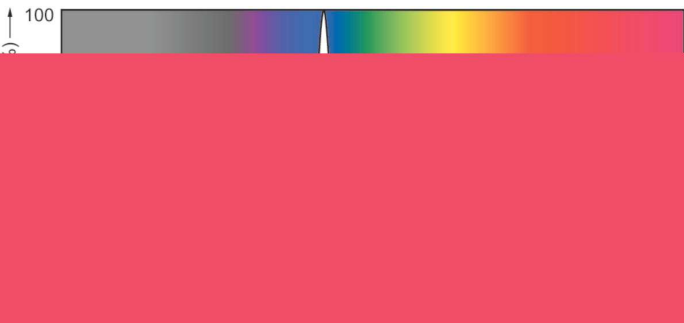
Dimensional drawing



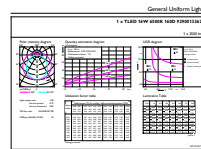
TLED 16.5W-36W 2500lm 160D 6500K ND

Product	D1	D2	A1	A2	A3
Master LEDtube Universal 1200mm UO 16W865 T8	25.7 mm	28 mm	1199.4 mm	1206.5 mm	1213.6 mm

Photometric data



LEDtubes, TLED T12 120-277V 20W 6500K G13



LEDtube 1200mm 16W G13 865 2500lm

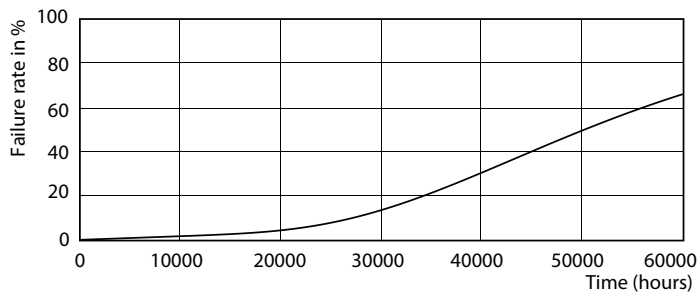
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Photometric data



LEDtube 1200mm 16W G13

Lifetime



LEDtube 1200mm 16W G13



LEDtube 1200mm 16W G13

