



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. You don't need to match the driver technology any more: 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 and easy to install, the Philips MASTER LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes: to maximise value over lifetime with high energy savings and lower maintenance costs.

Product data

General Information		Operating and Electrical	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
Main application	Industrial	Power (Rated) (Nom)	16 W
Nominal lifetime (nom.)	60000 h	Lamp current (nom.)	75 mA
Switching cycle	50000X	Starting time (nom.)	0.5 s
B50L70	60000 h	Warm-up time to 60% light (nom.)	0.5 s
Light Technical		Power factor (nom.)	0.9
Colour code	865 [CCT of 6,500 K]	Voltage (Nom)	220-240 V
Luminous flux (nom.)	2500 lm	Temperature	
Luminous flux (rated) (nom.)	2500 lm	T ambient (max.)	45 °C
Correlated colour temperature (nom.)	6500 K	T ambient (min.)	-20 °C
Colour consistency	<6	T storage (max.)	65 °C
Color rendering index (nom.)	83	T storage (min.)	-40 °C
LLMF at end of nominal lifetime (nom.)	70 %	T-Case maximum (nom.)	45 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Product length	1200 mm
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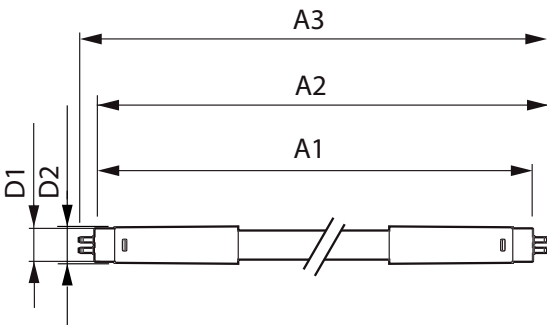
Approval and Application

Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

Product Data

Full product code	871869670539100
Order product name	Master LEDtube Universal 1200mm UO 16W865 T8
EAN/UPC – product	8718696705391
Order code	70539100
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001336202
Net weight (piece)	0.270 kg

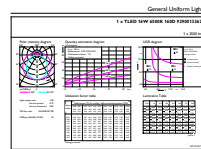
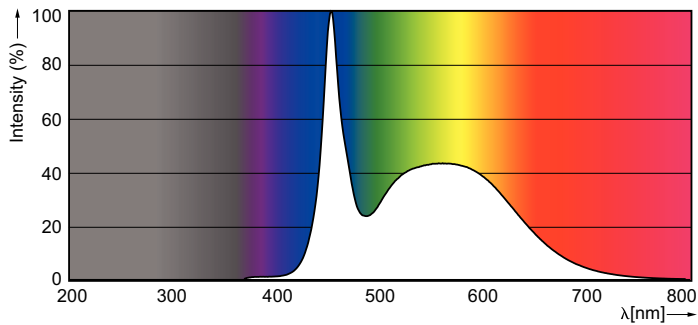
Dimensional drawing



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



LEDtube 1200mm 16W G13 865 2500lm

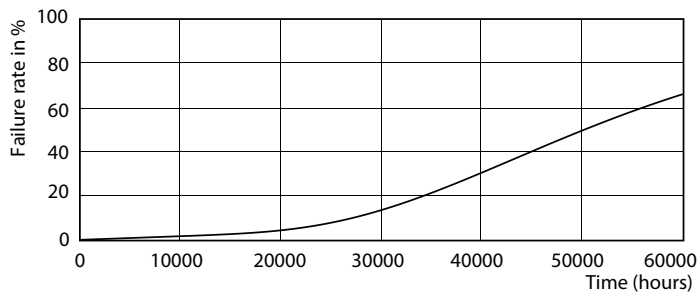
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Photometric data



LEDtube 1200mm 16W G13

Lifetime



LEDtube 1200mm 16W G13



LEDtube 1200mm 16W G13

