



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. 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		Warm-up time to 60% light (nom.)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		0.5 s
Nominal lifetime (nom.)	60000 h	Power factor (nom.)	0.9
Switching cycle	50000X	Voltage (Nom)	220-240 V
Light Technical		Temperature	
Colour code	840 [CCT of 4,000 K]	T ambient (max.)	45 °C
Luminous flux (nom.)	2500 lm	T ambient (min.)	-20 °C
Correlated colour temperature (nom.)	4000 K	T storage (max.)	65 °C
Colour 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 %	Controls and Dimming	
Operating and Electrical		Dimmable	No
Input frequency	50 to 60 Hz	Mechanical and Housing	
Power (Rated) (Nom)	16 W	Product length	1200 mm
Starting time (nom.)	0.5 s		

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Approval and Application

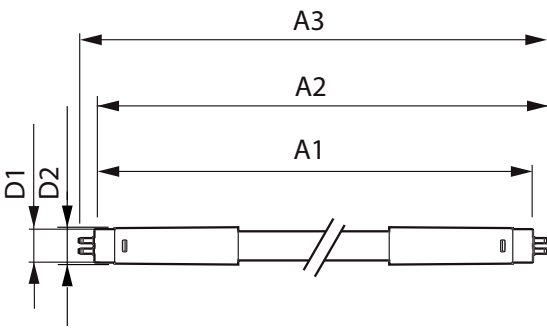
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

Product Data

Full product code	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 no. (12NC)	929001336102
Net weight (piece)	0.270 kg

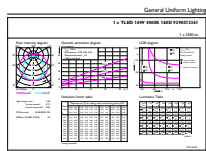
Dimensional drawing



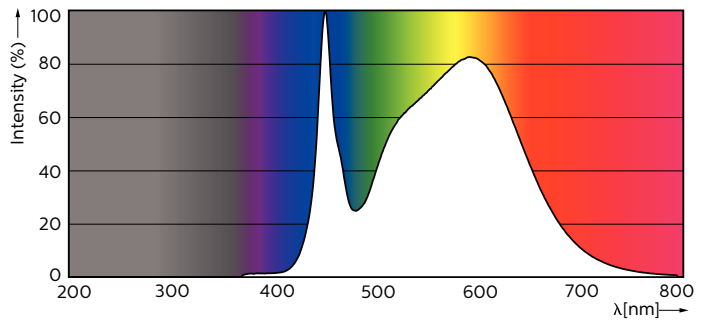
TLED 16.5W-36W 2500lm 160D 4000K ND

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

Photometric data



LEDtube 1200mm 16W G13 840 2500lm



LEDtube 1200mm 16W G13 840 2500lm

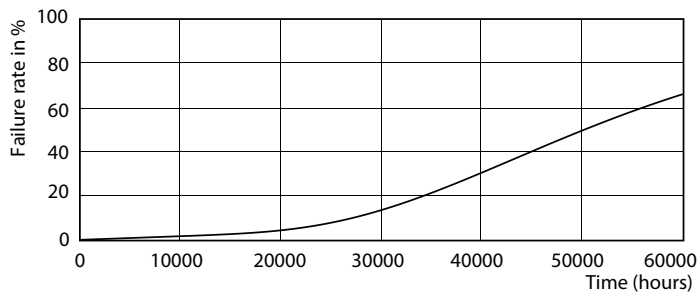
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Photometric data



LEDtube 1200mm 16W G13

Lifetime



LEDtube 1200mm 16W G13



LEDtube 1200mm 16W G13

