



MASTER LEDtube Universal T8

Master LEDtube Universal 1500mm UO 24W840 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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Main application	Industrial
Nominal lifetime (nom.)	60000 h
Switching cycle	50000X
B50L70	60000 h
Light Technical	
Colour code	840 [CCT of 4,000 K]
Luminous flux (nom.)	3700 lm
Luminous flux (rated) (nom.)	3700 lm
Correlated colour temperature (nom.)	4000 K
Colour 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 (Rated) (Nom)	24 W
Lamp current (nom.)	110 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

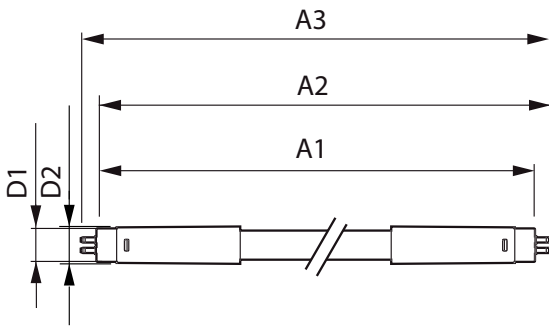
Temperature	
T ambient (max.)	45 °C
T ambient (min.)	-20 °C
T storage (max.)	65 °C

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T storage (min.)	-40 °C
T-Case maximum (nom.)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product length	1500 mm
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	24 kWh
Product Data	
Full product code	871869670533900
Order product name	Master LEDtube Universal 1500mm UO 24W840 T8
EAN/UPC – product	8718696705339
Order code	70533900
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001336402
Net weight (piece)	0.450 kg

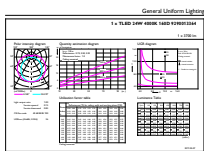
Dimensional drawing



TLED 24.5W-58W 3700lm 160D 4000K ND

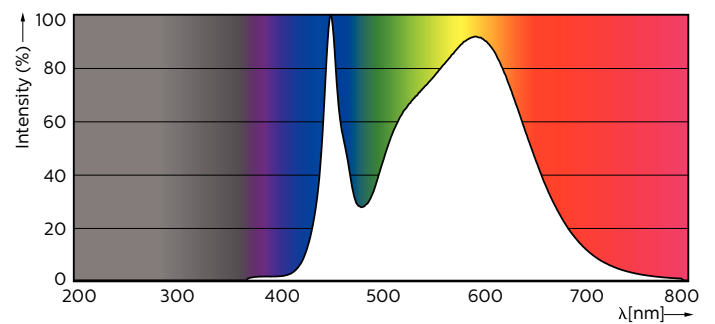
Product	D1	D2	A1	A2	A3
Master LEDtube Universal 1500mm UO 24W840 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

Photometric data



General Uniform Lighting
1 x 1500 mm 24W 840 3700lm
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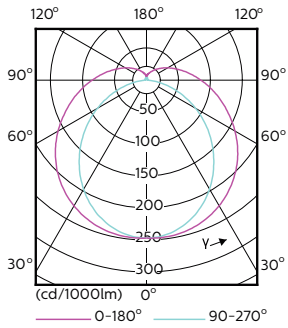
LEDtube 1500mm 24W G13 840 3700lm



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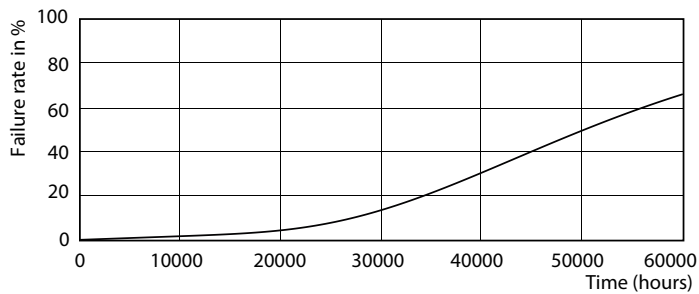
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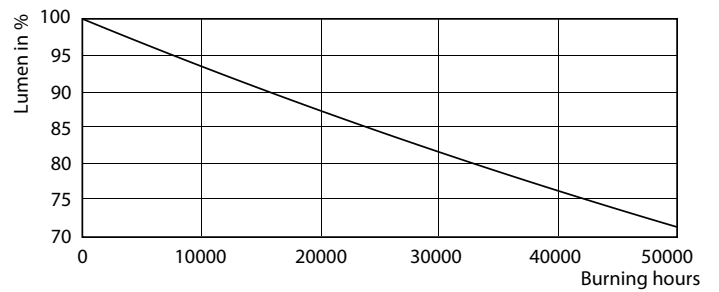


LEDtube 1200mm 16W G13

Lifetime



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LEDtube 1200mm 16W G13

