

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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime (nom.)	60000 h
Switching cycle	50000X
Light Technical	
Colour code	840 [CCT of 4,000 K]
Luminous flux (nom.)	2500 lm
Correlated colour temperature (nom.)	4000 K
Colour consistency	<6
Color rendering index (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
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 ℃
T storage (min.)	-40 °C
T-Case maximum (nom.)	45 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product length	1200 mm

Datasheet, 2020, January 27 data subject to change

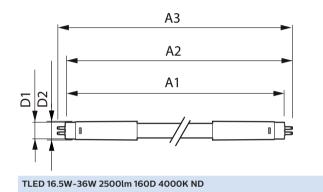
MASTER LEDtube Universal T8

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
	Т8

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

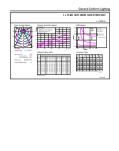


 Product
 D1
 D2
 A1
 A2
 A3

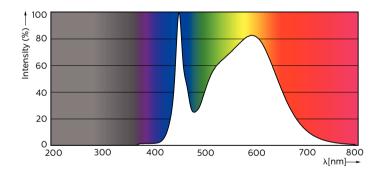
 Master LEDtube Universal
 25.7 mm
 28 mm
 1199.4 mm
 1206.5 mm
 1213.6 mm

 1200mm UO 16W840 T8

Photometric data



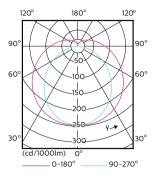




LEDtube 1200mm 16W G13 840 2500lm

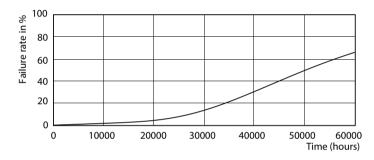
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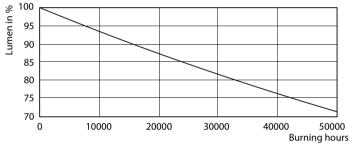
Photometric data



LEDtube 1200mm 16W G13

Lifetime





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