



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. 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		Operating and Electrical	
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
Color Code	841 [CCT of 4100K (841)]	Voltage (Nom)	220-240 V
Initial lumen (Nom)	2500 lm	Temperature	
Luminous Flux (Rated) (Nom)	2500 lm	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	4000 K	T-Ambient (Min)	-20 °C
Color 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

Bulb Material	Plastic
Product Length	1200 mm

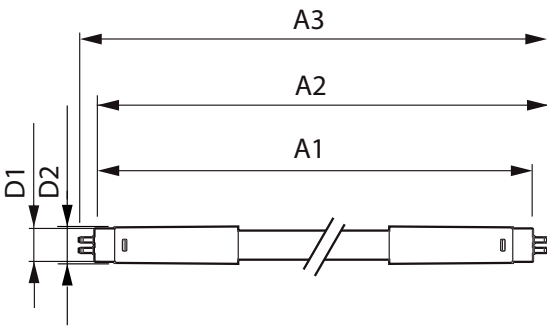
Approval and Application

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

Product Data

XUCDM.COPY.Product.Title	Master LEDtube Universal 1200mm UO 16W840 T8
EAN/UPC - Product	8718696705377
Order code	347153
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001336102
Net Weight (Piece)	0.270 kg

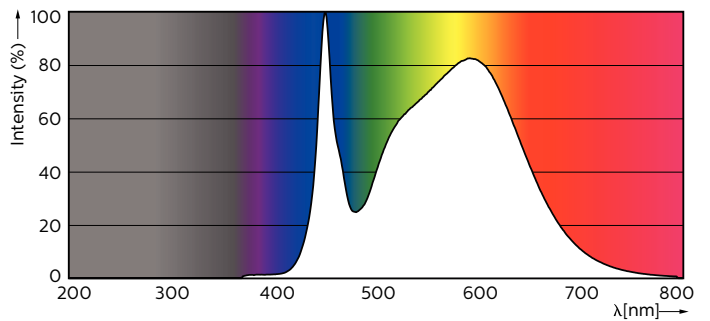
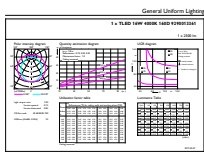
Dimensional drawing



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

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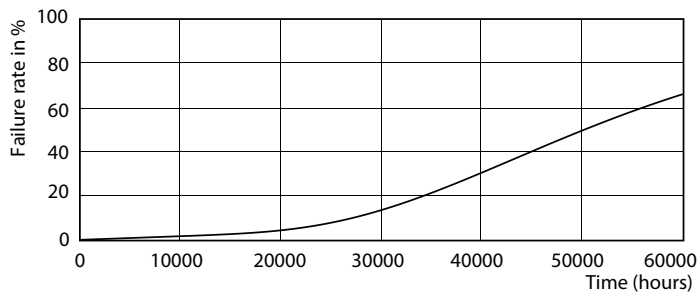
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Photometric data



LEDtube 1200mm 16W G13

Lifetime



LEDtube 1200mm 16W G13



LEDtube 1200mm 16W G13

