



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. 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	865 [CCT of 6500K]
Luminous Flux (Nom)	2500 lm
Luminous Flux (Rated) (Nom)	2500 lm
Correlated Color Temperature (Nom)	6500 K
Color 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
Lamp Current (Nom)	75 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

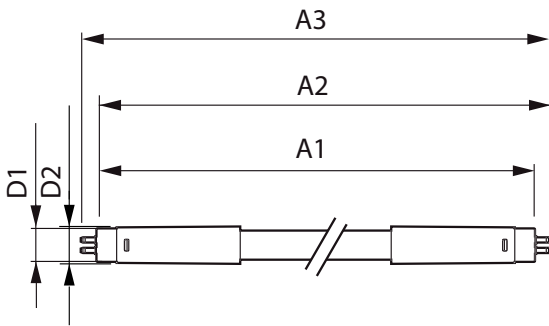
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C

MASTER LEDtube Universal T8

T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes
Energy Efficiency Label (EEL)	A++
Approval Marks	TUV CE marking RoHS compliance 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	929001336202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001336202
Net Weight (Piece)	0.270 kg

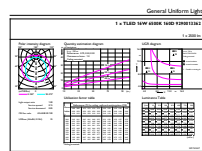
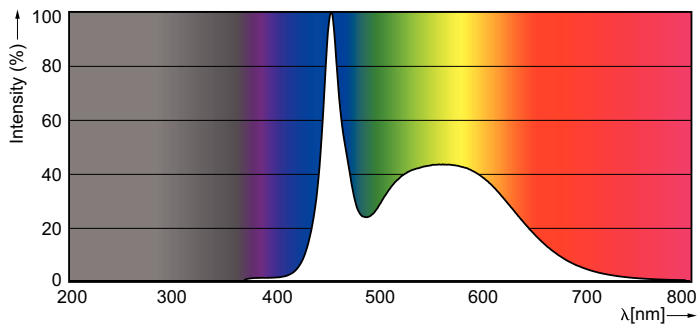
Dimensional drawing



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



General Ledtube Lightbox
 Calculated Parameters: CRI, Color Rendering Index
 Philips Lighting B.V.
 Page 11

MASTER LEDtube Universal T8

