



# MASTER Value LEDtube Universal T8

## Master LEDtube Universal 1200mm UO 16W830 T8

The new Philips MASTER Value 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 Value 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 Value 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 ROT (Rotating) [Medium Bi-Pin Fluorescent]
Nominal lifetime	60,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,300 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	143.00 lm/W
Color Consistency	<6

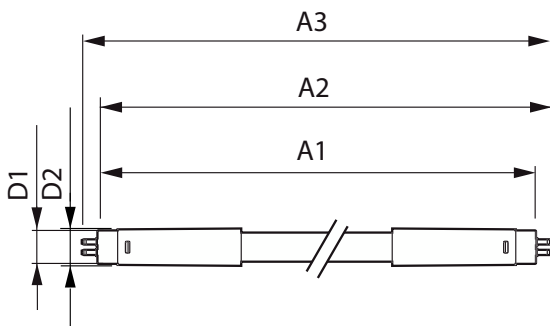
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	16 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	113 °F

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	47-1/4 inch
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keurmerk certificate
Energy Consumption kWh/1000 h	16 kWh

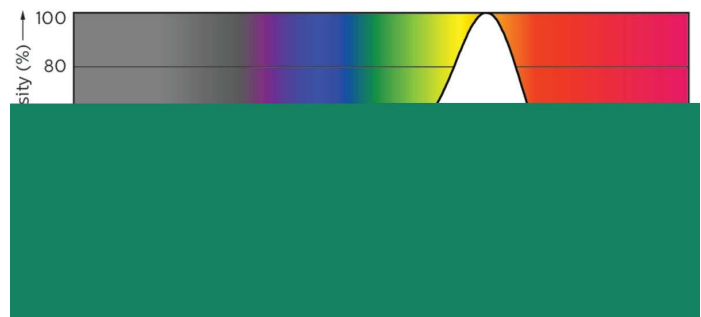
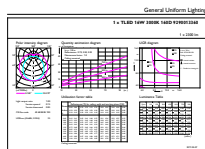
Product Data	
Order product name	MAS LEDtube UN 1200mm UO 16W830 T8
Full product name	Master LEDtube Universal 1200mm UO 16W830 T8
Full product code	871869672853600
Order code	346569
Material Nr. (12NC)	929001336002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696728536
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696728543

## Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube UN 1200mm UO 16W830 T8	1-1/16 inch	1-1/8 inch	47-1/4 inch	47-1/2 inch	47-13/16 inch

## Photometric data

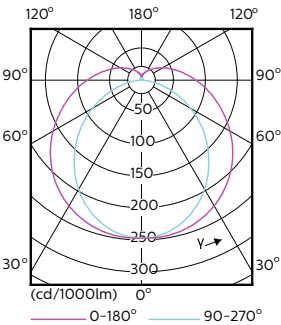


General uniform lighting - MAS LEDtube UN 1200mm UO 16W830 T8

Spectral Power Distribution Colour - MAS LEDtube UN 1200mm UO 16W830 T8

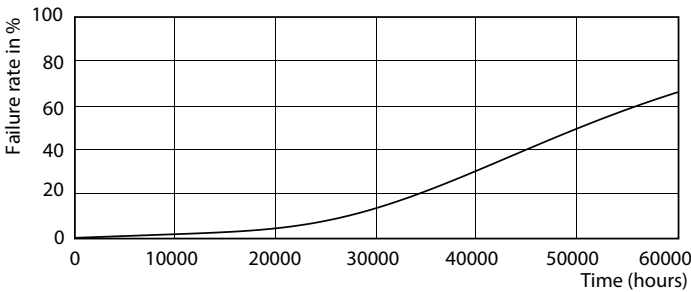
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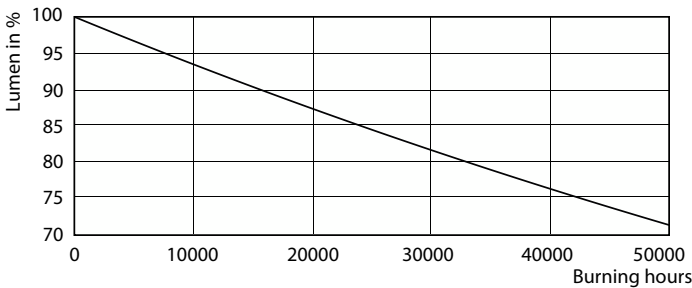


Light Distribution Diagram - MAS LEDtube UN 1200mm UO 16W830 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube UN 1200mm UO 16W830 T8



Lumen Maintenance Diagram - MAS LEDtube UN 1200mm UO 16W830 T8

