



MASTER Value LEDtube Universal T8

MAS LEDtube UN 1200mm UO 16W865 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		Color rendering index (CRI)		83
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime (Nom)		70 %
Nominal lifetime	60,000 hour(s)	Operating and Electrical		
Switching Cycle	50,000	Line Frequency	50 to 60 Hz	
Lighting Technology	LED	Input Frequency	50 to 60 Hz	
EU RoHS compliant	Yes	Power Consumption	16 W	
Light Technical		Starting Time (Nom)	0.5 s	
Color Code	865 [CCT of 6500K]	Warm-up time to 60% light	0.5 s	
Beam Angle (Nom)	160 degree(s)	Power Factor (Fraction)	0.9	
Luminous Flux	2,500 lm	Voltage (Nom)	220-240 V	
Color Designation	Cool Daylight	Temperature		
Correlated Color Temperature (Nom)	6500 K	Ambient temperature range	-20 °C to 45 °C	
Luminous Efficacy (rated) (Nom)	156.00 lm/W	T-Case Maximum (Nom)	45 °C	
Color Consistency	<6			

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	T8

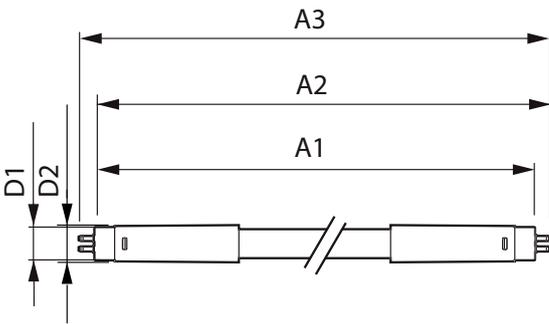
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

Product Data

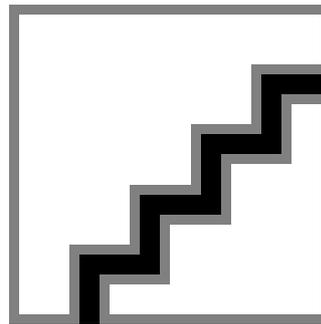
Order product name	MAS LEDtube UN 1200mm UO 16W865 T8
Full product name	MAS LEDtube UN 1200mm UO 16W865 T8
Full product code	871869670539100
Order code	929001336202
Material Nr. (12NC)	929001336202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696705391
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696705407

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube UN 1200mm UO 16W865 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm

Photometric data

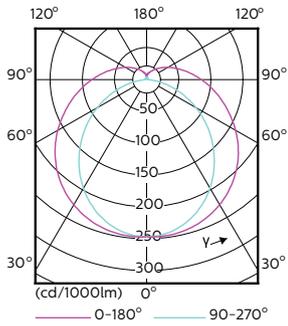


Spectral Power Distribution Colour - MAS LEDtube UN 1200mm UO 16W865 T8

General uniform lighting - MAS LEDtube UN 1200mm UO 16W865 T8

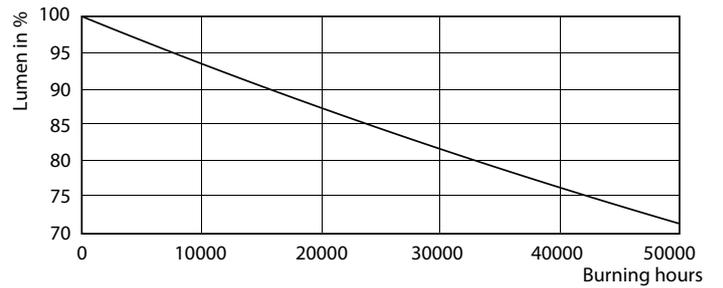
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Photometric data



Light Distribution Diagram - MAS LEDtube UN 1200mm UO 16W865 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube UN 1200mm UO 16W865 T8

Lumen Maintenance Diagram - MAS LEDtube UN 1200mm UO 16W865 T8

