MASTER Value LEDtube Universal T8

Master LEDtube Universal 1500mm UO 24W865 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 any more: 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 the mains power connection. It is simple to operate and you no longer need to stock two types of tubes! Perfectly safe, reliable and easy-to-install Philips MASTER Value LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to maximise 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 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Colour Code	865 [CCT of 6500K]
Beam angle (nom.)	160 degree(s)
Luminous Flux	3,700 lm
Colour designation	Cool Daylight
Correlated Colour Temperature	6500 K
Luminous efficacy (rated) (nom.)	154.00 lm/W
Colour consistency	<6
Colour 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	24 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

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Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	45 °C

Controls and Dimming	
Dimmable	No

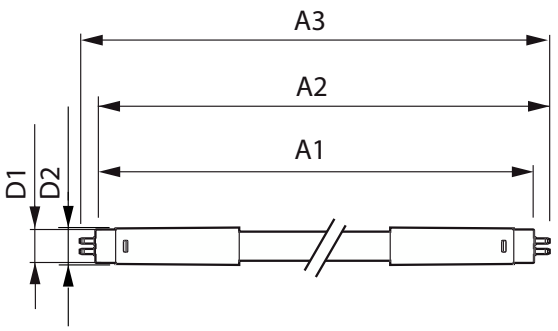
Mechanical and Housing	
Bulb material	Plastic
Product length	1,500 mm

Approval and Application	
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	24 kWh

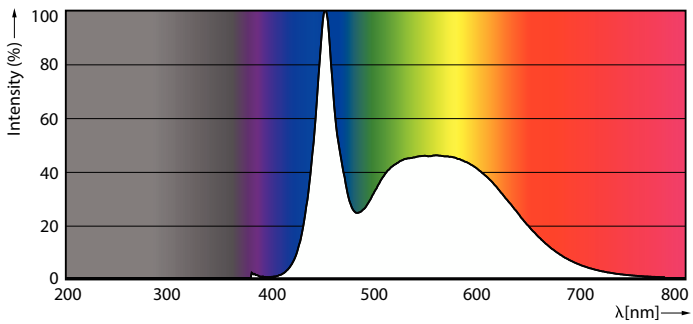
Product Data	
Order product name	MAS LEDtube UN 1500mm UO 24W865 T8
Full product name	Master LEDtube Universal 1500mm UO 24W865 T8
Full EOC	871869670535300
Order code	70535300
Material no. (12 NC)	929001336502
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696705353
Numerator – packs per outer box	10
EAN/UPC - Case	8718696705360

Dimensional drawing

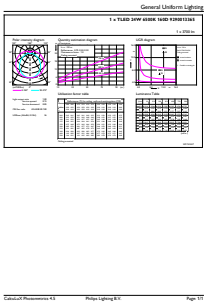


Product	D1	D2	A1	A2	A3
MAS LEDtube UN 1500mm UO 24W865 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

Photometric data



Spectral Power Distribution Colour - MAS LEDtube UN 1500mm UO 24W865 T8



General uniform lighting - MAS LEDtube UN 1500mm UO 24W865 T8

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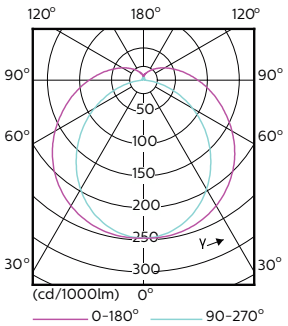
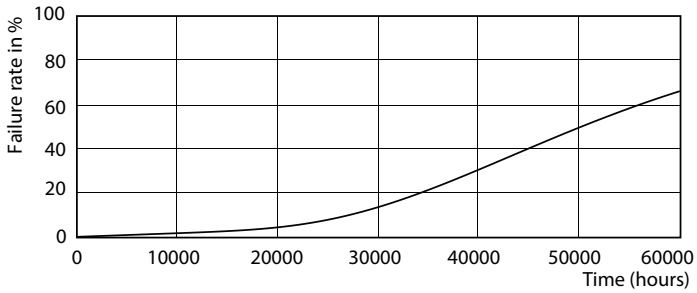
Photometric data

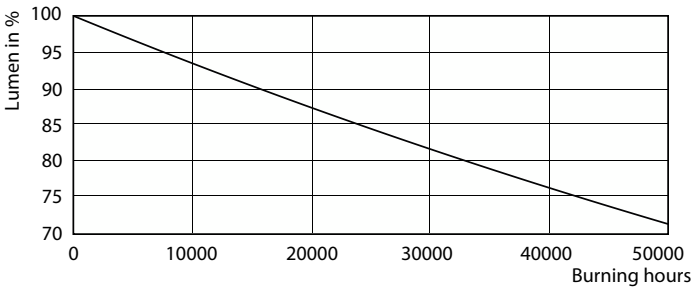


Light Distribution Diagram - MAS LEDtube UN 1500mm UO 24W865 T8

Lifetime



Life Expectancy Diagram - MAS LEDtube UN 1500mm UO 24W865 T8



Lumen Maintenance Diagram - MAS LEDtube UN 1500mm UO 24W865 T8

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