



# MASTER Value LEDtube Universal T8

## MAS LEDtube UN 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 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

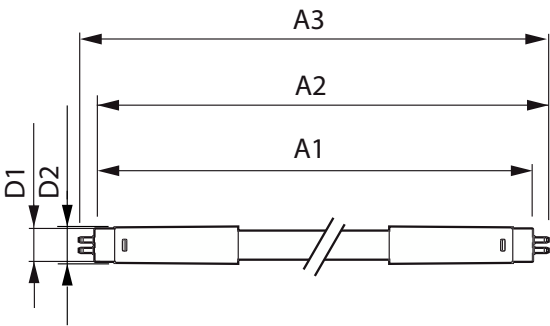
General Information		Color rendering index (CRI)	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	83	
Nominal lifetime	60,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Switching Cycle	50,000		
Lighting Technology	LED	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	50 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
		Temperature	
		Ambient temperature range	-20 °C to 45 °C
		T-Case Maximum (Nom)	45 °C
Light Technical			
Color Code	865 [CCT of 6500K]		
Beam Angle (Nom)	160 degree(s)		
Luminous Flux	3,700 lm		
Color Designation	Cool Daylight		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	154.00 lm/W		
Color Consistency	<6		

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1,500 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	24 kWh

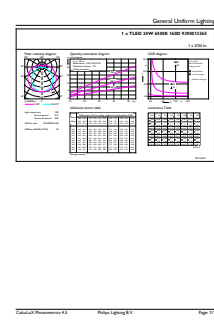
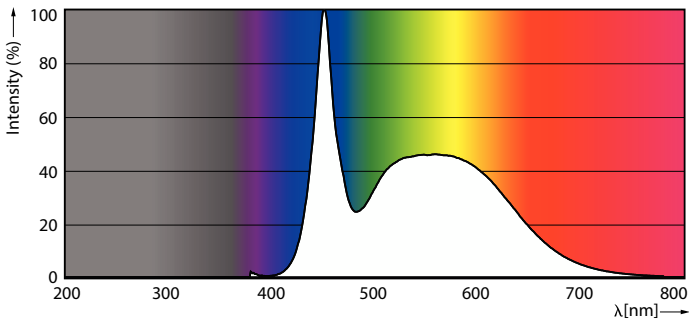
Product Data	
Order product name	MAS LEDtube UN 1500mm UO 24W865 T8
Full product name	MAS LEDtube UN 1500mm UO 24W865 T8
Full product code	871869670535300
Order code	929001336502
Material Nr. (12NC)	929001336502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696705353
Numerator - Packs per 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

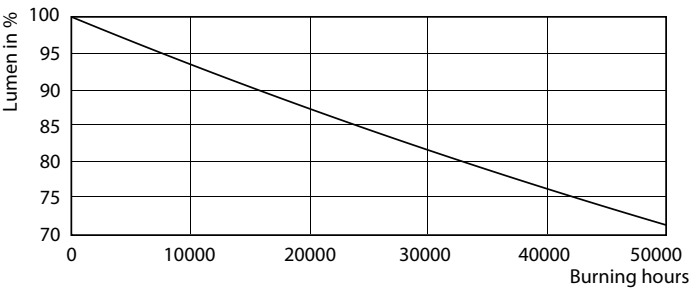
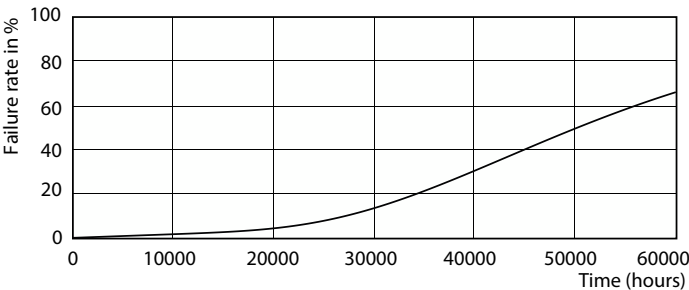
General uniform lighting - MAS LEDtube UN 1500mm UO 24W865 T8

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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

