PHILIPS

# **PHILIPS** Lighting

### MASTER LEDtube EM/ Mains T8

#### MAS LEDtube 1500mm UO 24W 865 T8

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance, which cannot be distinguished from traditional fluorescent. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

#### Warnings and Safety

• NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

#### **Product data**

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LED
EU RoHS compliant	Yes
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	
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	24 W	
Lamp Current (Max)	112 mA	
Lamp Current (Min)	103 mA	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	

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Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 ℃ to 35 ℃
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,500 mm
Bulb Shape	Т8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur
	certificate

Energy Consumption kWh/1000 h	24 kWh
Product Data	
Order product name	MAS LEDtube 1500mm UO 24W 865 T8
Full product name	MAS LEDtube 1500mm UO 24W 865 T8
Full product code	871869668746800
Order code	929001298302
Material Nr. (12NC)	929001298302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696687468
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696687475

#### **Dimensional drawing**



## Product D1 D2 A1 A2 A3 MAS LEDtube 1500mm UO 25.78 mm 28 mm 1,498.7 mm 1,505.8 mm 1,512.9 mm 24W 865 T8 24W 2

#### Photometric data



General uniform lighting - MAS LEDtube 1500mm UO 24W 865 T8



Spectral Power Distribution Colour - MAS LEDtube 1500mm UO 24W 865 T8

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#### Photometric data



Light Distribution Diagram - MAS LEDtube 1500mm UO 24W 865 T8

#### Lifetime



Life Expectancy Diagram - MAS LEDtube 1500mm UO 24W 865 T8

Lumen Maintenance Diagram - MAS LEDtube 1500mm UO 24W 865 T8



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