# **PHILIPS** Lighting

### MASTER LEDtube EM/ Mains T8

#### MAS LEDtube 1500mm HO 23W865 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

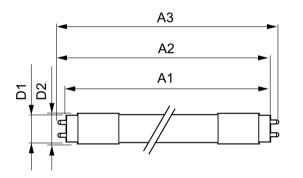
eneral Information		Color rendering index (CRI)	80
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime	(Nom) 70 %
Nominal lifetime	50,000 hour(s)		
Switching Cycle	200,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz
		Power Consumption	23 W
Light Technical		Lamp Current (Max)	105 mA
Color Code	865 [CCT of 6500K]	Lamp Current (Min)	95 mA
Beam Angle (Nom)	160 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	3,100 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool Daylight	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	6500 K	Voltage (Nom)	220-240 V
Color Consistency	<6		

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Temperature	
Ambient temperature range	-20 ℃ to 35 ℃
T-Case Maximum (Nom)	55 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,500 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur
	certificate

Energy Consumption kWh/1000 h	23 kWh	
Product Data		
Order product name	MAS LEDtube 1500mm HO 23W865 T8	
Full product name	MAS LEDtube 1500mm HO 23W865 T8	
Full product code	871829178960400	
Order code	929001116202	
Material Nr. (12NC)	929001116202	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291789604	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718291789611	

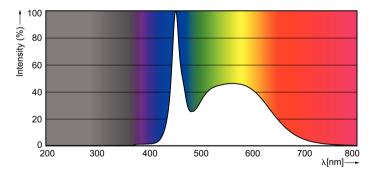
#### Dimensional drawing



## Product D1 D2 A1 A2 A3 MAS LEDtube 1500mm HO 25.68 mm 28 mm 1,500.0 mm 1,507.1 mm 1,514.2 mm 23W865 T8 21 21 21 21 21 21 21 22 2

#### Photometric data

1200 / 1800/ .1200



Light Distribution Diagram - MAS LEDtube 1500mm HO 23W865 T8

Spectral Power Distribution Colour - MAS LEDtube 1500mm HO 23W865 T8

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