# **PHILIPS** Lighting

# MASTER LEDtube EM/ Mains T8

# MASTER LEDtube 1500mm UO 25W 840 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

#### Warnings and Safety

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#### **Product data**

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	50,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	840 [CCT of 4000K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	3,700 lm				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	148 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	83				
LLMF At End Of Nominal Lifetime (Nom) 70 %					

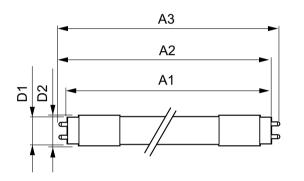
Operating and Electrical					
Line Frequency	50 to 60 Hz				
Input Frequency	50 to 60 Hz				
Power Consumption	25 W				
Lamp Current (Max)	113 mA				
Lamp Current (Min)	105 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.1 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	220-240 V				
Temperature					
Ambient temperature range	-20 ℃ to 35 ℃				
T-Case Maximum (Nom)	55 ℃				

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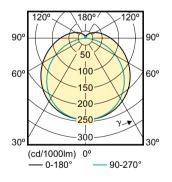
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	59-1/16 inch				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	CE marking KEMA Keur certificate RoHS				
	compliance				
Energy Consumption kWh/1000 h	25 kWh				

Product Data				
Order product name	MAS LEDtube 1500mm UO 25W 840 T8			
Full product name	MASTER LEDtube 1500mm UO 25W 840 T8			
Full product code	871869646159400			
Order code	46159400			
Material Nr. (12NC)	929001149202			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696461594			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696461600			

#### Dimensional drawing

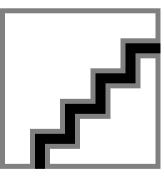


#### Photometric data



Light Distribution Diagram - MAS LEDtube 1500mm UO 25W 840 T8

Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UO 25W	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
840 T8					



Spectral Power Distribution Colour - MAS LEDtube 1500mm UO 25W 840 T8

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