# **PHILIPS** Lighting

# MASTER LEDtube EM/ Mains T8

# MAS LEDtube 900mm 15W840 T8 RN

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. This product is the ideal solution for up lamping in general lighting applications.

#### 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	200,000					
Lighting Technology	LED					
EU RoHS compliant	Yes					
Light Technical						
Color Code	840 [CCT of 4000K]					
Beam Angle (Nom)	160 degree(s)					
Luminous Flux	1,575 lm					
Color Designation	Cool White (CW)					
Correlated Color Temperature (Nom)	4000 K					
Color Consistency	<6					
Color rendering index (CRI)	80					
LLMF At End Of Nominal Lifetime (Nom) 70 %						

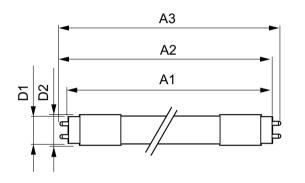
Operating and Electrical					
Line Frequency	50 to 60 Hz				
Input Frequency	50 to 60 Hz				
Power Consumption	15 W				
Lamp Current (Max)	72 mA				
Lamp Current (Min)	64 mA				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	200-240 V				
Temperature					
Ambient temperature range	-20 ℃ to 35 ℃				
T-Case Maximum (Nom)	50 ℃				
Controls and Dimming					
Dimmable	No				

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Mechanical and Housing				
Product Length	900 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	15 kWh			
Product Data				
Order product name	MAS LEDtube 900mm 15W840 T8 RN			

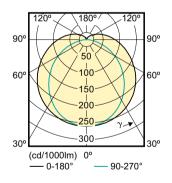
Full product name	MAS LEDtube 900mm 15W840 T8 RN			
Full product code	871869647121000			
Order code	929001155302			
Material Nr. (12NC)	929001155302			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696471210			
Numerator - Packs per outer box	10			
EAN/UPC - Case	8718696471227			

#### Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 900mm 15W840	25.68 mm	28 mm	893.3 mm	900.4 mm	907.5 mm
T8 RN					

#### Photometric data



Light Distribution Diagram - MAS LEDtube 900mm 15W840 T8 RN



Spectral Power Distribution Colour - MAS LEDtube 900mm 15W840 T8 RN

### MASTER LEDtube EM/Mains T8



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