



MASTER LEDtube EM/ Mains

MASTER LEDtube 1800mm 25W 840 T8 ROT

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 h				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Colour Code	840 [CCT of 4000K]				
Beam angle (nom.)	160 degree(s)				
Luminous Flux	3,700 lm				
Colour designation	Cool White (CW)				
Correlated Colour Temperature	4000 K				
Luminous efficacy (rated) (nom.)	148.00 lm/W				
Colour consistency	<6				
Colour 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			
Starting time (nom.)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (nom.)	220-240 V			
Temperature				
Ambient temperature range	-5°C to 30°C			
T-Case maximum (nom.)	61°C			
Controls and Dimming				
Dimmable	No			

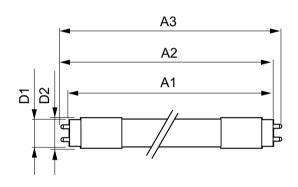
Datasheet, 2023, April 29 data subject to change

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Mechanical and Housing				
Product length	1,800 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/1,000 hours	25 kWh			
Product Data				
Order product name	MASTER LEDtube 1800mm 25W 840 T8 ROT			

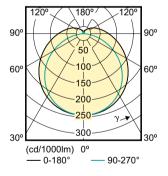
Full product name	MASTER LEDtube 1800mm 25W 840 T8 ROT				
Full EOC	871869648037300				
Order code	48037300				
Material no. (12 NC)	929001161102				
SAP numerator – quantity per pack	1				
EAN/UPC — Product/Case	8718696480373				
Numerator – packs per outer box	10				
EAN/UPC - Case	8718696480380				

Dimensional drawing



Product	D1	D2	A1	A2	А3
MASTER LEDtube 1800mm 25W	25.68 mm	28 mm	1,762.5 mm	1,770 mm	1,776.7 mm
840 T8 ROT					

Photometric data



Light Distribution Diagram - MASTER LEDtube 1800mm 25W 840 T8 ROT



Spectral Power Distribution Colour - MASTER LEDtube 1800mm 25W 840 T8 ROT

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