



# MASTER LEDtube EM/ Mains

# MASTER LEDtube PERF1800mm 45W 840C

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.)	140 degree(s)				
Luminous Flux	4,000 lm				
Correlated Colour Temperature	4000 K				
Colour consistency	<5				
Colour rendering index (CRI)	85				
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	45 W				
Starting time (nom.)	0.5 s				
Warm-up time to 60% light	Instant full light s				
Power Factor (Fraction)	0.9				
Voltage (nom.)	100-240 V				
Temperature					
Ambient temperature range	-30°C to 45°C				
T-Case maximum (nom.)	85 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product length	1,800 mm				

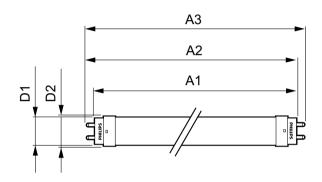
Datasheet, 2023, April 29 data subject to change

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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	45 kWh			
Product Data				
Order product name	MASTER LEDtube PERF1800mm 45W 840C			
Full product name	MASTER LEDtube PERF1800mm 45W 840C			

Full EOC	871829166100900			
Order code	66100900			
Material no. (12 NC)	929000298102			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8718291661009			
Numerator – packs per outer box	10			
EAN/UPC - Case	8718291661016			

# Dimensional drawing



Product	D1	D2	A1	A2	А3
MASTER LEDtube	25.68 mm	28 mm	1,763.8 mm	1,770.9 mm	1,778.0 mm
PERF1800mm 45W 840C					

### Photometric data



Spectral Power Distribution Colour - MASTER LEDtube PERF1800mm 45W 840C



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