



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 lighting in general lighting applications.

Warnings and Safety

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Product data

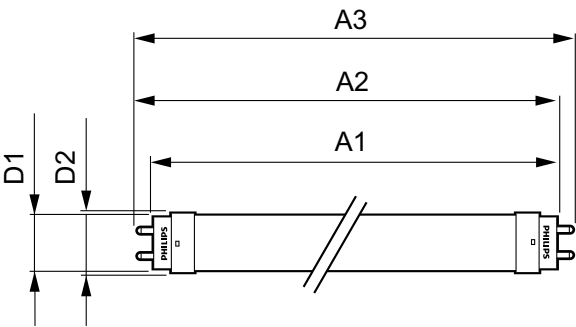
General Information			
Cap base	G13 [Medium Bi-Pin Fluorescent]	Input frequency	50 to 60 Hz
Nominal lifetime	50,000 h	Power Consumption	45 W
Switching Cycle	50,000	Starting time (nom.)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	Instant full light s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.9
		Voltage (nom.)	100–240 V
Light Technical		Temperature	
Colour Code	840 [CCT of 4000K]	Ambient temperature range	–30°C to 45°C
Beam angle (nom.)	140 degree(s)	T-Case maximum (nom.)	85 °C
Luminous Flux	4,000 lm	Controls and Dimming	
Correlated Colour Temperature	4000 K	Dimmable	No
Colour consistency	<5	Mechanical and Housing	
Colour rendering index (CRI)	85	Product length	1,800 mm
LLMF at end of nominal lifetime (nom.)	70 %		
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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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	A3
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

