



MASTER LEDtube EM/ Mains T8

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

• -

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)	140 degree(s)			
Luminous Flux	4,000 lm			
Correlated Color Temperature (Nom)	4000 K			
Color Consistency	<5			
Color 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			
·				

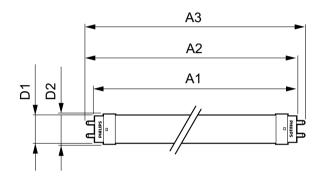
Datasheet, 2023, April 29 data subject to change

MASTER LEDtube EM/Mains T8

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

Full product code	871829166100900		
Order code	929000298102		
Material Nr. (12NC)	929000298102		
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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.