



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 lighting 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	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

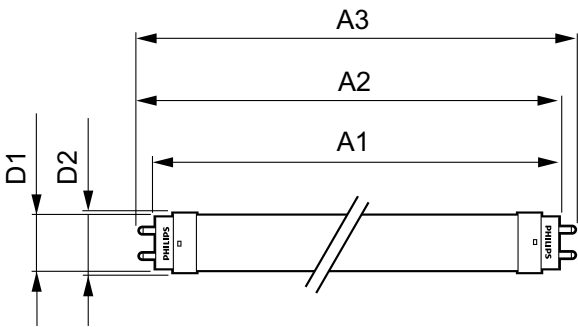
Input Frequency	50 to 60 Hz
Power Consumption	45 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.9
Voltage (Nom)	100–240 V
Temperature	
Ambient temperature range	–30 °C to 45 °C
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,800 mm

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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/1000 h	45 kWh
Product Data	
Order product name	MASTER LEDtube PERF1800mm 45W 840C
Full product name	MASTER LEDtube PERF1800mm 45W 840C

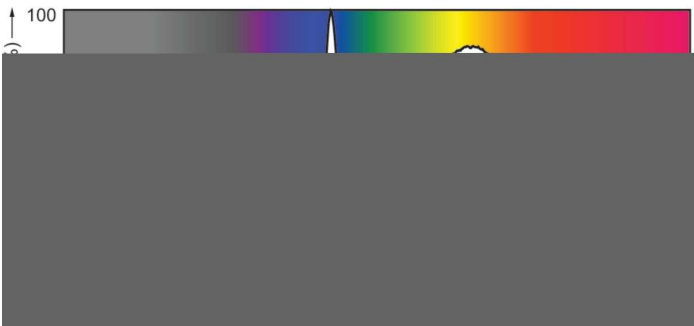
Full product code	871829166100900
Order code	929000298102
Material Nr. (12NC)	929000298102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291661009
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291661016

Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube PERF1800mm 45W 840C	25.68 mm	28 mm	1,763.8 mm	1,770.9 mm	1,778.0 mm

Photometric data



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

