



MASTER LEDtube EM/ Mains T8

MAS LEDtube STD 1200mm 20W865 T8 I

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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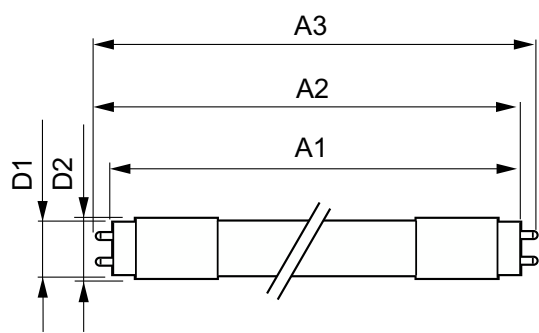
Product data

General Information			
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Input Frequency	50 to 60 Hz
Nominal lifetime	40,000 hour(s)	Power Consumption	20 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)	220–240 V
Light Technical		Temperature	
Color Code	865 [CCT of 6500K]	Ambient temperature range	–20 °C to 45 °C
Beam Angle (Nom)	150 degree(s)	T-Case Maximum (Nom)	50 °C
Luminous Flux	2,100 lm	Controls and Dimming	
Correlated Color Temperature (Nom)	6500 K	Dimmable	No
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	83	Product Length	1,200 mm
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Line Frequency	50 to 60 Hz		

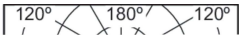
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Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
Product Data	
Order product name	MAS LEDtube STD 1200mm 20W865 T8 I
Full product name	MAS LEDtube STD 1200mm 20W865 T8 I

Dimensional drawing



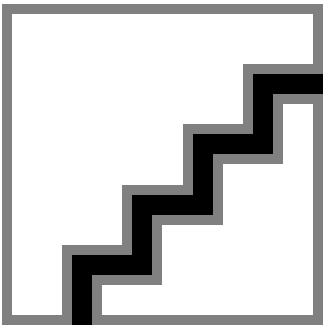
Photometric data



Light Distribution Diagram - MAS LEDtube STD 1200mm 20W865 T8 I

Full product code	871869642190100
Order code	929001127008
Material Nr. (12NC)	929001127008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696421901
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696421918

Product	D1	D2	A1	A2	A3
MAS LEDtube STD 1200mm 20W865 T8 I	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm



Spectral Power Distribution Colour - MAS LEDtube STD 1200mm 20W865 T8 I

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