



# MASTER LEDtube EM/ Mains T8

## MAS LEDtube 1500mm SO 20W 840 T8

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		Input Frequency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		50 to 60 Hz
Nominal lifetime	50,000 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	840 [CCT of 4000K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	160 degree(s)	T-Case Maximum (Nom)	50 °C
Luminous Flux	2,000 lm		
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color rendering index (CRI)	83		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
		Product Length	1,500 mm
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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## Approval and Application

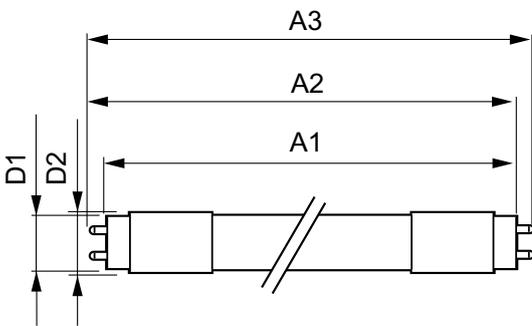
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh

## Product Data

Order product name	MAS LEDtube 1500mm SO 20W 840 T8
Full product name	MAS LEDtube 1500mm SO 20W 840 T8

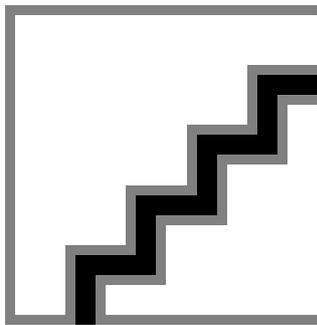
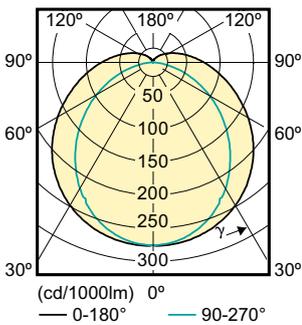
Full product code	871829173451200
Order code	929000287602
Material Nr. (12NC)	929000287602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291734512
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291734529

## Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm SO 20W 840 T8	25.68 mm	28 mm	1,500.0 mm	1,507.1 mm	1,514.2 mm

## Photometric data



Light Distribution Diagram - MAS LEDtube 1500mm SO 20W 840 T8

Spectral Power Distribution Colour - MAS LEDtube 1500mm SO 20W 840 T8

