



MASTER LEDtube EM/ Mains

MAS LEDtube 1200mm 16W830 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 lamping in general lighting applications.

Product data

General Information		
Cap base	G13 [Medium Bi-Pin Fluorescent]	
Main application	Industrial	
Nominal lifetime (nom.)	50000 h	
Switching cycle	200000X	
B50L70	50000 h	
Light Technical		
Colour Code	830 [CCT of 3,000 K]	
Lamp Luminous Flux 25°C EL (Nom)	2000 lm	
Lamp Luminous Flux (Nom)	2000 lm	
Colour Temperature, horizontal (Nom)	3000 K	
Colour consistency	<6	
Colour Rendering Index,horiz (Nom)	80	
LLMF at end of nominal lifetime (nom.) 70 %		
Operating and Electrical	<u> </u>	
Input frequency	50 to 60 Hz	
Power (Rated) (Nom)	16 W	
Lamp current (max.)	77 mA	

Lamp current (min.)	68 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T ambient (max.)	35 ℃
T ambient (min.)	-20 ℃
T storage (max.)	65 ℃
T storage (min.)	-40 °C
T-Case maximum (nom.)	55 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product length	1200 mm

Datasheet, 2019, May 7 data subject to change

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Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Suitable for accent lighting	No
Approval marks	CE marking RoHS compliance KEMA Keur
	certificate
Energy Consumption kWh/1000 h	16 kWh

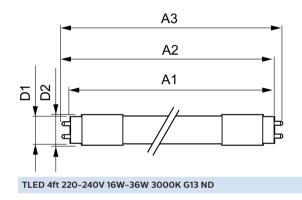
Product Data	
Full product code	871869667636300

Order product name	MAS LEDtube 1200mm 16W830 T8 I
EAN/UPC – product	8718696676363
Order code	929001249008
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001249008
Net weight (piece)	0.251 kg

Warnings and Safety

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Dimensional drawing

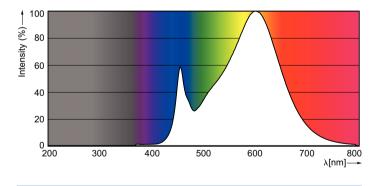


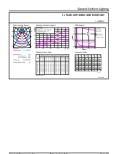
 Product
 D1
 D2
 A1
 A2
 A3

 MAS LEDtube 1200mm
 25.68 mm
 28 mm
 1198.2 mm
 1205.3 mm
 1212.4 mm

 16W830 T8 I

Photometric data



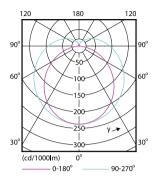


LEDtube, MASTER LEDtube 1200mm HO 16W /830~T8~RN

LEDtube, MASTER LEDtube 1200mm HO 16W /830 T8 RN

MASTER LEDtube EM/Mains

Photometric data



LEDtube, MASTER LEDtube 1200mm HO 16W /830 T8 RN



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