PHILIPS

Lighting



MASTER LEDtube EM/ Mains

MAS LEDtube 1200mm UO 18W 830 T8 RN

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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

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]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2300 lm
Luminous flux (rated) (nom.)	2300 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	128 lm/W
Colour consistency	<6
Color rendering index (nom.)	83
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	18 W
Lamp current (max.)	82 mA
Lamp current (min.)	75 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.1 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V

Temperature	
T ambient (max.)	35 °C
T ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	55 °C

Controls and Dimming	
Dimmable	No

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Mechanical and Housing	
Product length	1200 mm

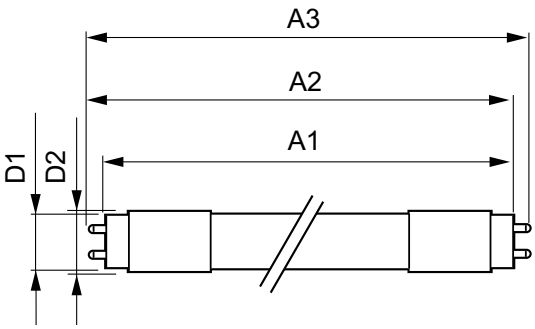
Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Suitable for accent lighting	No
Approval marks	CE marking KEMA Keur certificate RoHS compliance
Energy Consumption kWh/1000 h	18 kWh

Product Data	
Full product code	871869656527800
Order product name	MAS LEDtube 1200mm UO 18W 830 T8 RN
EAN/UPC – product	8718696565278
Order code	56527800
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001221902
Net weight (piece)	0.270 kg

Warnings and Safety

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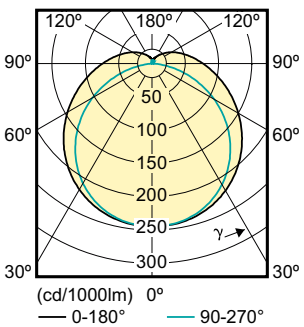
Dimensional drawing

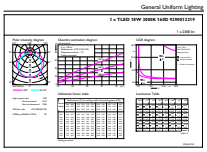


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 18W 830 T8 RN	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

TLED 4ft 220-240V 18W-36W 3000K G13 ND

Photometric data

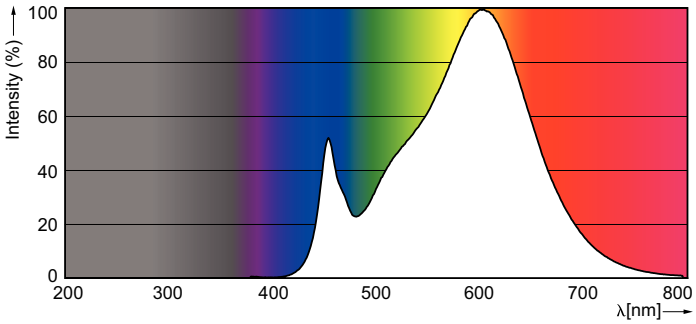




TLED 4ft 220-240V 18W-36W 3000K G13

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Photometric data



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