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. 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 3000K]
Technical Beam Angle (Nom)	160 °
Lamp Luminous Flux 25°C EL (Nom)	2300 lm
Lamp Luminous Flux (Nom)	2300 lm
Rated beam angle	160 °
Colour Temperature, horizontal (Nom)	3000 K
Lamp Luminous Efficacy EM (Nom)	128 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (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-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	929001221902
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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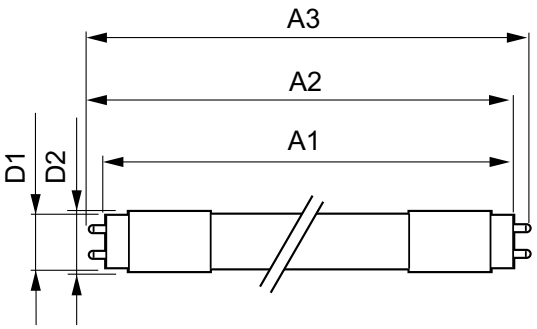
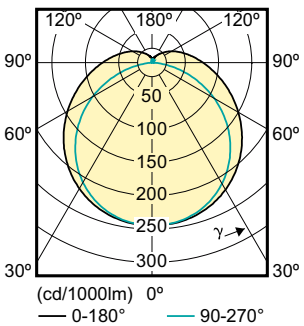
Dimensional drawing

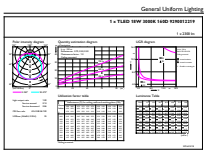


TLED 4ft 220-240V 18W-36W 3000K G13 ND

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

Photometric data





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

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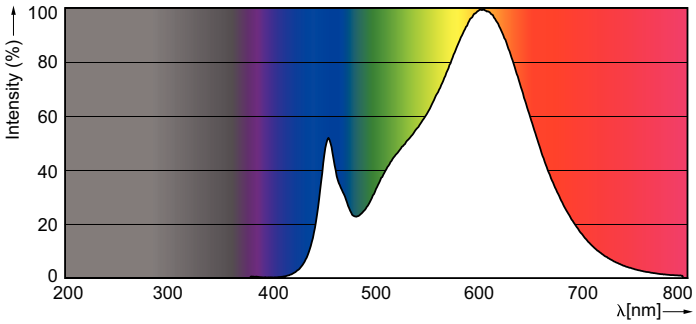
Photometric data



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