

# MASTER LEDtube EM/Mains T8

## MAS LEDtube 600mm 9W 865 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	
Color Code	865 [ CCT of 6500K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	1050 lm
Luminous Flux (Rated) (Nom)	1050 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color 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)	9 W
Lamp Current (Max)	43 mA
Lamp Current (Min)	36 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

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Product Length	600 mm
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## Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking KEMA Keur certificate RoHS compliance
Energy Consumption kWh/1000 h	9 kWh

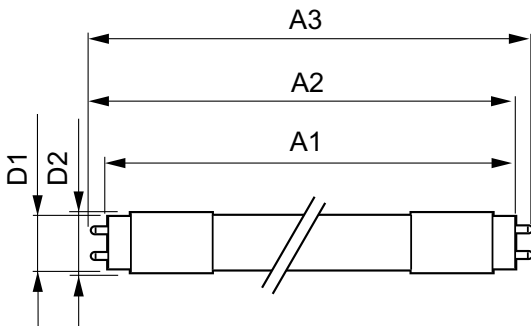
## Product Data

Full product code	871869657283200
Order product name	MAS LEDtube 600mm 9W 865 T8 RN
EAN/UPC - Product	8718696572832
Order code	929001239602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001239602
Net Weight (Piece)	0.150 kg

## Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

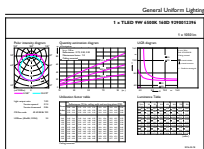
## Dimensional drawing



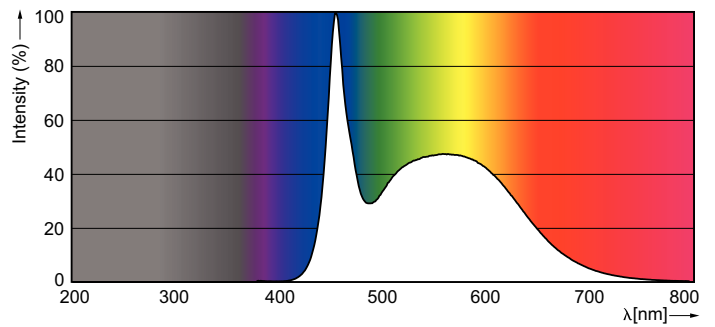
TLED 2R 220-240V 9W-18W 6500K G13 ND

Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm 9W 865 T8 RN	25.78 mm	28 mm	588.6 mm	595.7 mm	602.8 mm

## Photometric data



General Uniform Lighting  
Photometry 8.1



LEDtube 1200 mm UO 20 W /865 T8 ROT

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