#### PHILIPS

# Lighting

**PHILIPS** 

### MASTER LEDtube EM/ Mains

#### MAS LEDtube 600mm 9W 830 T8 RS

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.)	1000 lm
Luminous flux (rated) (nom.)	1000 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	111 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)	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 ℃
T ambient (min.)	-20 °C
T storage (max.)	65 ℃
T storage (min.)	-45 °C
T-Case maximum (nom.)	55 ℃
Controls and Dimming	
Dimmable	No

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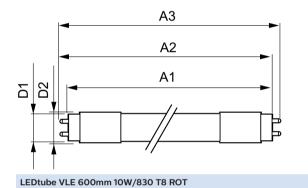
Mechanical and Housing	
Product length	600 mm
Approval and Application	
Energy efficiency label (EEL)	A+
Energy-saving product	Yes
Suitable for accent lighting	No
Approval marks	CE marking KEMA Keur certificate RoHS
	compliance
Energy Consumption kWh/1000 h	9 kWh

Product Data	
Full product code	871869646141900
Order product name	MAS LEDtube 600mm 9W 830 T8 RS
EAN/UPC – product	8718696461419
Order code	46141900
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001149402
Net weight (piece)	0.150 kg

#### Warnings and Safety

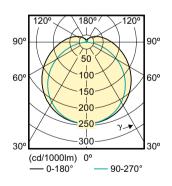
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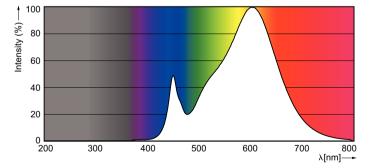
#### Dimensional drawing



## Product D1 D2 A1 A2 A3 MAS LEDtube 600mm 9W 25.7 mm 28 mm 588.5 mm 595.5 mm 602.5 mm 830 T8 RS 595.5 mm 595.5 mm 595.5 mm 500.5 mm 500.5 mm

Photometric data





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