



# MASTER LEDtube EM/ Mains T8

## MASTER 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.

### Warnings and Safety

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### Product data

General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	9 W
Lighting Technology	LED	Lamp Current (Max)	43 mA
EU RoHS compliant	Yes	Lamp Current (Min)	36 mA
<b>Light Technical</b>		Starting Time (Nom)	0.5 s
Color Code	830 [CCT of 3000K]	Warm-up time to 60% light	0.1 s
Beam Angle (Nom)	160 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	1,000 lm	Voltage (Nom)	220-240 V
Correlated Color Temperature (Nom)	3000 K	<b>Temperature</b>	
Luminous Efficacy (rated) (Nom)	111 lm/W	Ambient temperature range	-20 °C to 35 °C
Color Consistency	<6	T-Case Maximum (Nom)	55 °C
Color rendering index (CRI)	83		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Product Length	600 mm
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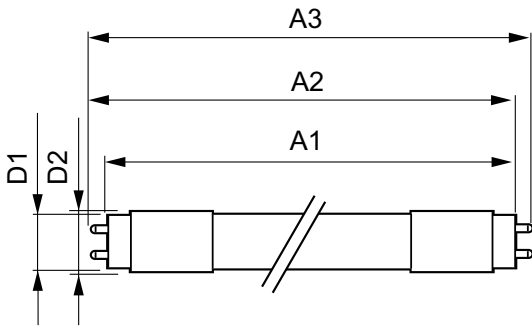
## Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking KEMA Keur certificate RoHS compliance
Energy Consumption kWh/1000 h	9 kWh

## Product Data

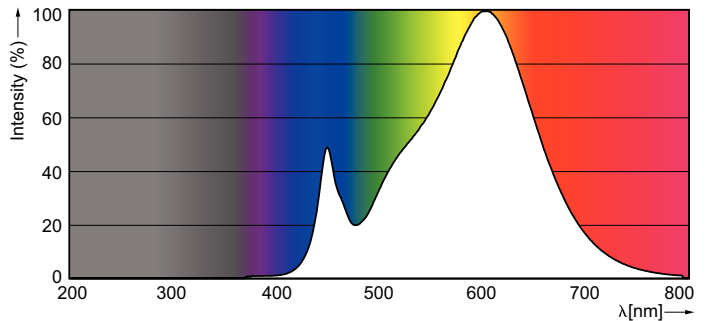
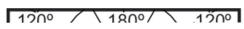
Order product name	MAS LEDtube 600mm 9W 830 T8 RS
Full product name	MASTER LEDtube 600mm 9W 830 T8 RS
Full product code	87186964614900
Order code	4614900
Material Nr. (12NC)	929001149402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696461419
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696461426

## Dimensional drawing



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

## Photometric data



Light Distribution Diagram - MAS LEDtube 600mm 9W 830 T8 RS

Spectral Power Distribution Colour - MAS LEDtube 600mm 9W 830 T8 RS

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