



# MASTER Value LEDtube Universal T8



## MAS LEDtube VLE UN 1200mm UO 15.5W830 T8

The new Philips MASTER Value LEDtube Universal T8 brings ease and simplicity to your lighting project. That's because you do not need to match the driver technology anymore: a unique design enables the Philips MASTER Value LEDtube Universal T8 to directly fit in luminaires operating on either electromagnetic ballasts or HF electronic ballasts or mains power connection. It is so simple to operate and you no longer need to stock two types of tubes! Perfectly safe, reliable & easy to install Philips MASTER Value LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

### Product data

General information		Color Consistency	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Color Consistency	<6
CE mark	Yes	Color Rendering Index (Nom)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal Lifetime (Nom)	60000 h	Operating and electrical	
Switching Cycle	50000	Input Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power (Nom)	15.5 W
Tier	MASTER Value	Lamp Current (Nom)	75 mA
		Starting Time (Nom)	0.5 s
		Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.9
		Voltage (Nom)	220-240 V
Light technical		Temperature	
Color Code	830 [ CCT of 3000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	190 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	2300 lm		
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	148.00 lm/W		

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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

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended

## Approval and application

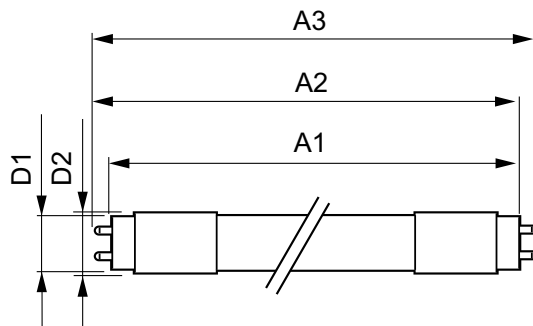
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	16 kWh
EPREL Registration Number	403658

## Product data

Full product code	871951431668300
Order product name	MAS LEDtube VLE UN 1200mm UO 15.5W830 T8
EAN/UPC - Product	8719514316683
Order code	929002997002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002997002
Net Weight (Piece)	0.215 kg

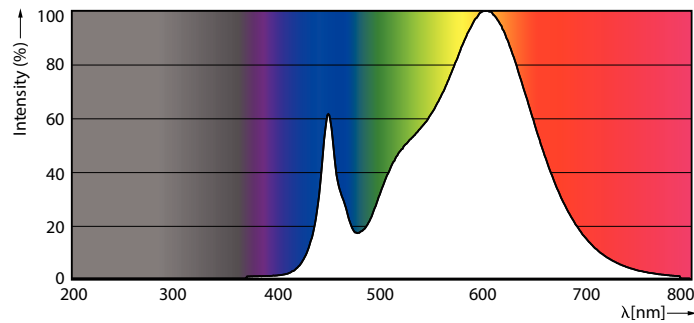
## Dimensional drawing



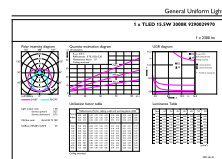
MAS LEDtube VLE UN 1200mm UO 15.5W830 T8

Product	D1	D2	A1	A2	A3
MAS LEDtube VLE UN 1200mm UO 15.5W830 T8	26 mm	28 mm	1199 mm	1205 mm	1213 mm

## Photometric data



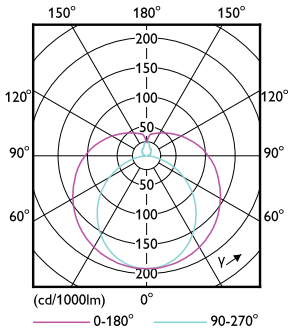
LEDtube MAS 1 15,5W G13 2300lm 830-POC



LEDtube MAS 1 15,5W G13 2300lm 830-GUL

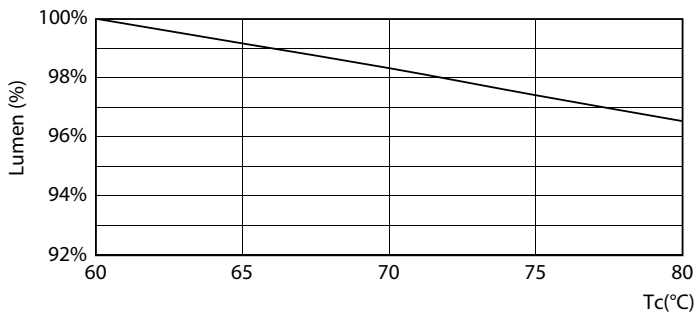
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## Photometric data

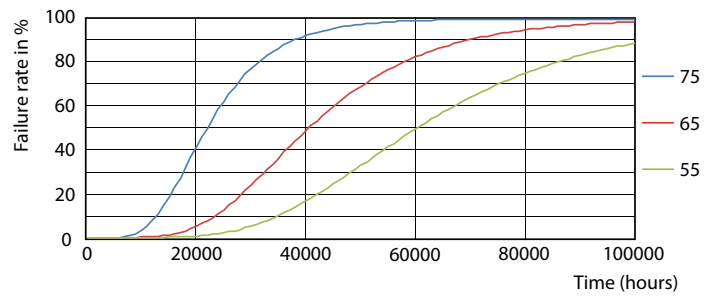


LEDtube MAS 1 15,5W G13 2300lm-LDD

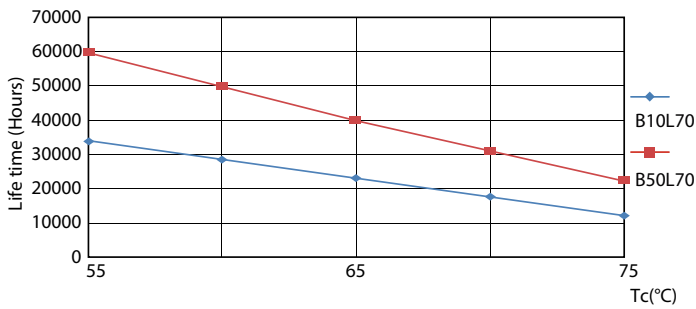
## Lifetime



LEDtube MAS 1 15,5W 60K LumenVsTc-LMP



LEDtube MAS 1 15,5W 60K FailureRate-LED



LEDtube MAS 1 15,5W 60K LifetimeVsTc-LED



Lumen Maintenance Diagram

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## Lifetime



### Life Expectancy Diagram

