



# 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	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	60000 h
Switching Cycle	50000X
Flux measurement reference	Sphere

Light technical	
Color Code	830 [ CCT of 3000K]
Beam Angle (Nom)	190 °
Luminous Flux (Nom)	2300 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	148.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
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Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	15.5 W
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

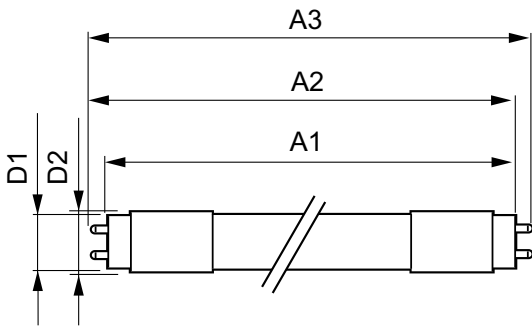
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

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T-Case Maximum (Nom)	55 °C
<b>Controls and dimming</b>	
Dimmable	No
<b>Mechanical and housing</b>	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended
<b>Approval and application</b>	
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
<b>Product data</b>	
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)	0.240 kg

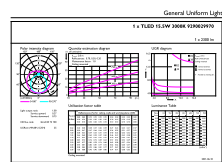
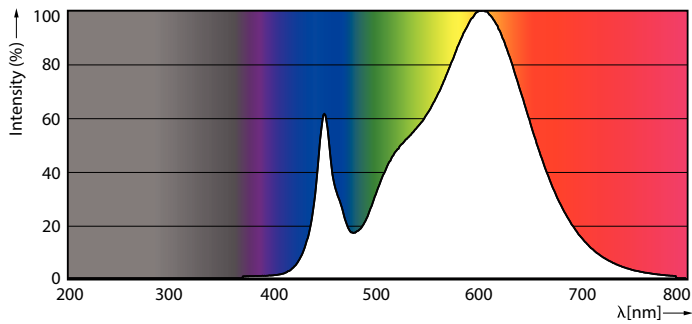
## Dimensional drawing



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



General Lighting Lighting  
15.5W LEDtube VLE UN 1200mm UO 15.5W830 T8  
0.240 kg  
929002997002  
8719514316683  
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LEDtube MAS 1 15,5W G13 2300lm 830-POC

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

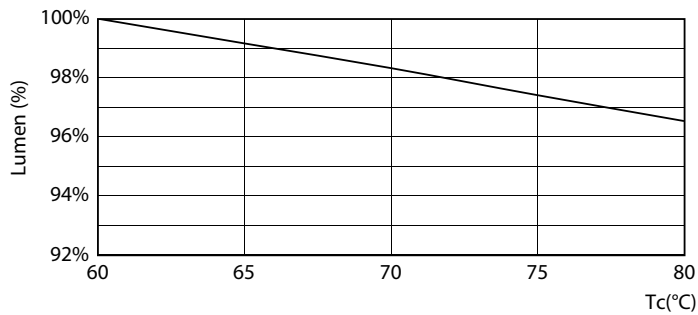
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## Photometric data

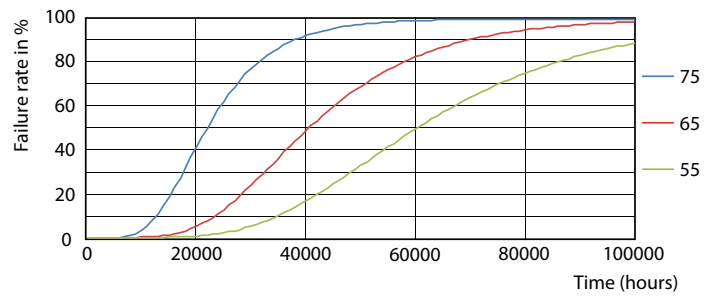


LEDtube MAS 1 15,5W G13 2300lm-LDD

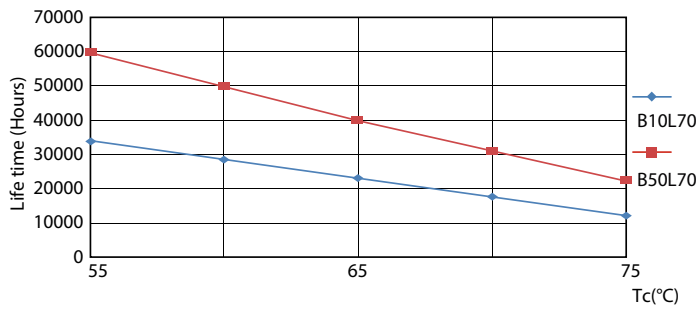
## Lifetime



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

