



# Master Value LEDtube Universal T8

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

The new Philips MASTER LEDtube Universal T8 brings ease and simplicity to your lighting project. You don't need to match the driver technology any more: a unique design enables the Philips MASTER 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 and easy to install, the Philips MASTER LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes: to maximise value over lifetime with high energy savings 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	50,000X
Light Technical	
Colour Code	830 [ CCT of 3,000 K]
Beam Angle (Nom)	190 °
Luminous flux (nom.)	2300 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	148.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (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
T-Case maximum (nom.)	55 °C

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1200 mm
Bulb shape	Tube, double-ended

## Approval and Application

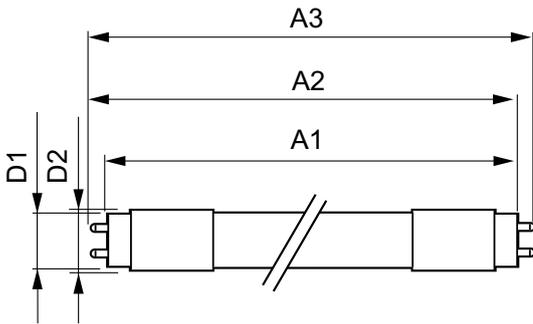
Energy efficiency label (EEL)	D
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	16 kWh
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## Product Data

Full product code	871951431668300
Order product name	MAS LEDtube VLE UN 1200mm UO 15.5W830 T8
EAN/UPC – product	8719514316683
Order code	31668300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002997002
SAP net weight (piece)	0.215 kg

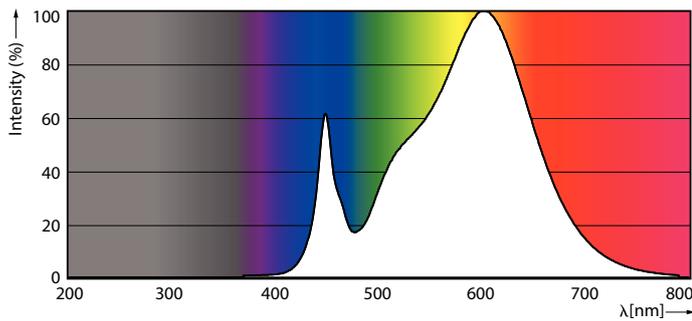
## Dimensional drawing



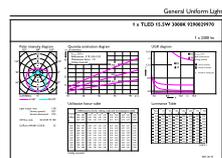
MasValUni 4ft 15.5W 2300lm 3000K

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



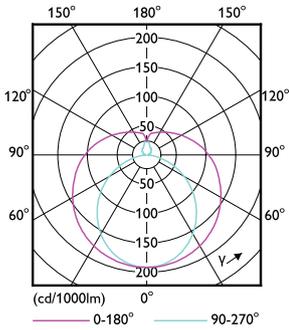
LEDtube MAS 1 15,5W G13 2300lm 830-POC



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

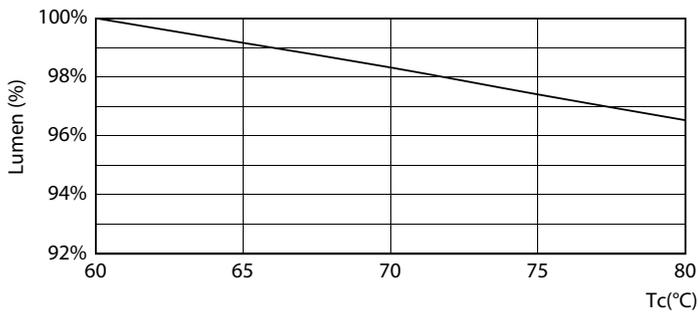
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## Photometric data

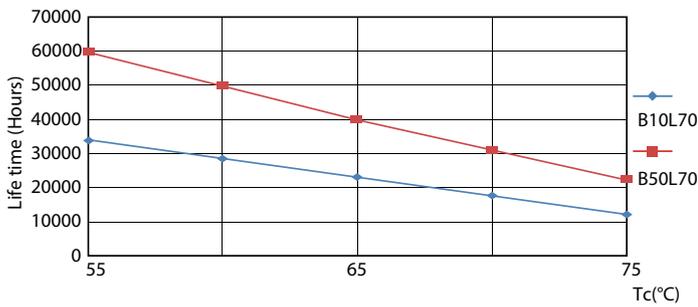


LEDtube MAS 1 15,5W G13 2300lm-LDD

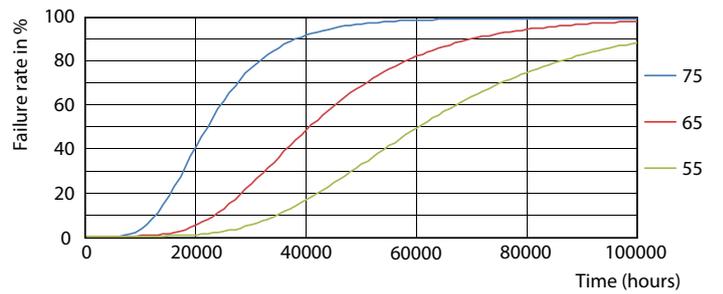
## Lifetime



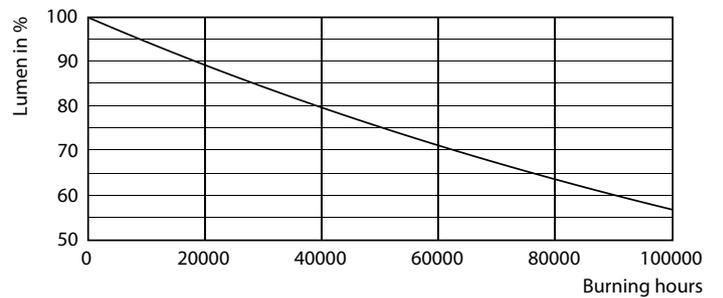
LEDtube MAS 1 15,5W 60K LumenVsTc-LMP



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



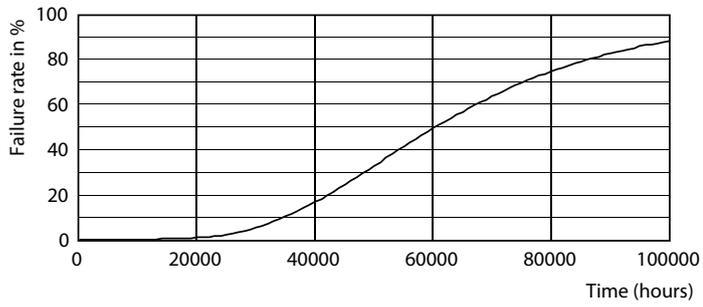
LEDtube MAS 1 15,5W 60K FailureRate-LED



LEDtube\_60K

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## Lifetime



LEDtube\_60K

