



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

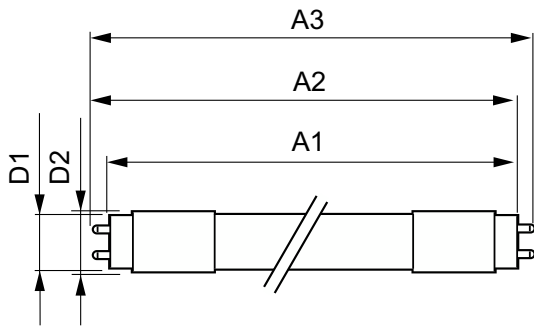
General information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Base	G13 [Medium Bi-Pin Fluorescent]		
EU RoHS compliant	Yes		
Nominal Lifetime (Nom)	60000 h		
Switching Cycle	50000X		
Flux measurement reference	Sphere		
Light technical		Operating and electrical	
Color Code	830 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	190 °	Power (Rated) (Nom)	15.5 W
Initial lumen (Nom)	2300 lm	Lamp Current (Nom)	75 mA
Color Designation	White (WH)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	3000 K	Warm Up Time to 60% Light (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	148.00 lm/W	Power Factor (Nom)	0.9
Color Consistency	<6	Voltage (Nom)	220-240 V
Color Rendering Index (Nom)	80		
		Temperature	
		T-Ambient (Max)	113 °F
		T-Ambient (Min)	-4 °F
		T-Storage (Max)	149 °F
		T-Storage (Min)	-40 °F

MASTER Value LEDtube Universal T8

T-Case Maximum (Nom)	131 °F
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	48 in
Bulb Shape	Tube, double-ended
Approval and application	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approbation Marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	16 kWh
EPREL Registration Number	403658
Product data	
Order product name	MAS LEDtube VLE UN 1200mm UO 15.5W830 T8
EAN/UPC - Product	8719514316683
Order code	367086
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002997002
Copy Net Weight (Piece)	0.529 lb

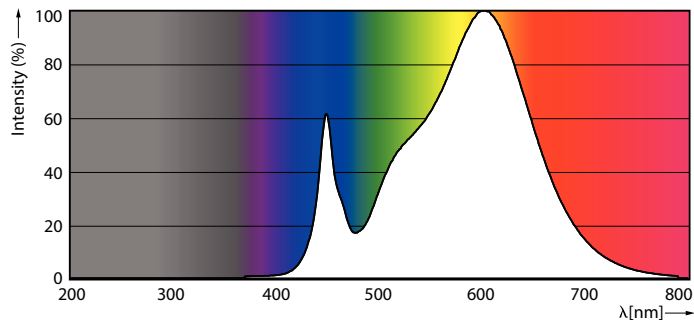
Dimensional drawing



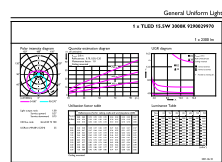
MAS LEDtube VLE UN 1200mm UO 15.5W830 T8

Product	D1	D2	A1	A2	A3
MAS LEDtube VLE UN 1200mm UO 15.5W830 T8	1-1/16 in	1-1/8 in	47-1/4 in	47-1/2 in	47-3/4 in

Photometric data



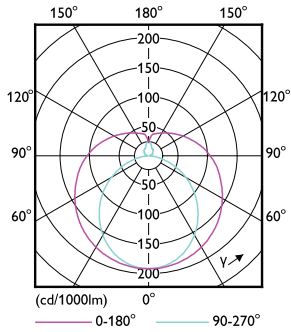
LEDtube MAS 1 15,5W G13 2300lm 830-POC



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

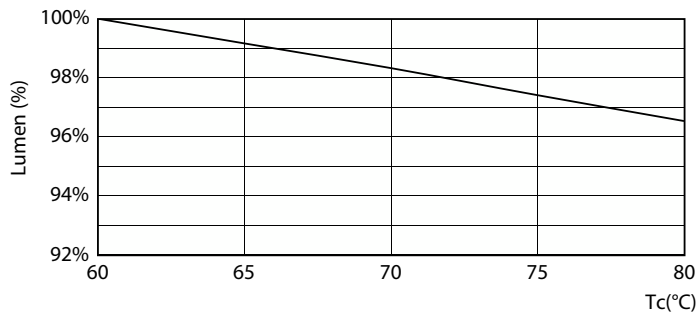
MASTER Value LEDtube Universal T8

Photometric data

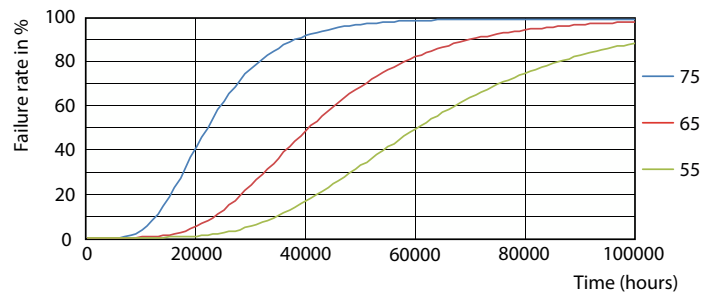


LEDtube MAS 1 15,5W G13 2300lm-LDD

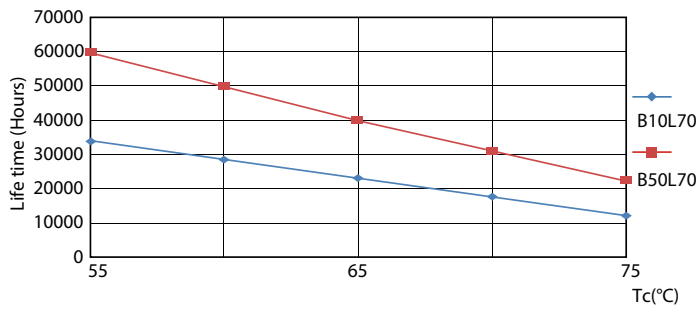
Lifetime



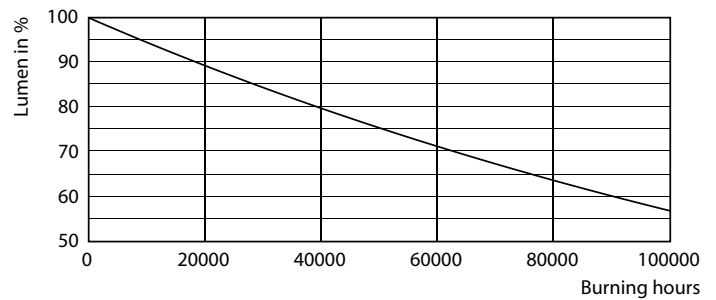
LEDtube MAS 1 15,5W 60K LumenVsTc-LMP



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



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



Lumen Maintenance Diagram

MASTER Value LEDtube Universal T8

Lifetime



Life Expectancy Diagram

