PHILIPS

Lighting

PHILIPS

MASTER Value LEDtube T8

MAS LEDtube VLE 1200mm UO 15.5W 840 T8

A high-performance LED solution, the professional MASTER Value LED tube is ideal for replacing T8 fluorescent lamps using EM ballast or installing directly on the mains. This product provides an optimal combination of value and performance – for use in all general lighting, office, industry, retail, and hospitality applications. The unique design of this LED T8 tube light offers wide compatibility, safety and fast installation, as well as instant energy savings.

Product data

General Information			
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
Nominal lifetime	60,000 hour(s)		
Switching Cycle	200,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
Light Technical			
Color Code	840 [CCT of 4000K]		
Beam Angle (Nom)	190 degree(s)		
Luminous Flux	2,500 lumen		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	161 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom	n) 70 %		

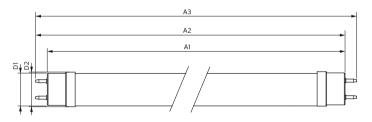
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	15.5 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	220-240 V	
Temperature		
Ambient temperature range	-20 °C to 45 °C	
T-Case Maximum (Nom)	60 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Material	Glass	

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Product Length	1,200 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur
	certificate
Energy Consumption kWh/1000 h	16 kWh
EPREL Registration Number	1,095,872
CE mark	Yes
EU RoHS compliant	Yes

Product Data	
Full product code	871951431682900
Order product name	MAS LEDtube VLE 1200mm UO 15.5W 840 T8
Order code	929002997702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002997702
Full product name	MAS LEDtube VLE 1200mm UO 15.5W 840 T8
EAN/UPC - Case	8719514316836

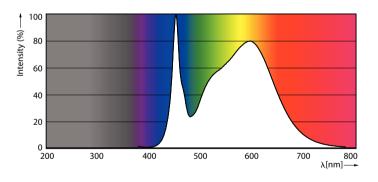
Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm UO	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
15.5W 840 T8					

Photometric data

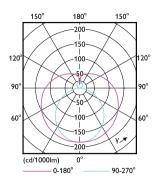
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Spectral Power Distribution Colour - MAS LEDtube VLE 1200mm UO 15.5W 840 T8

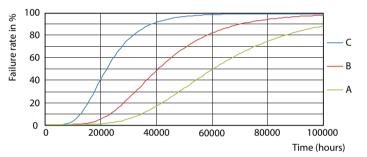
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Photometric data

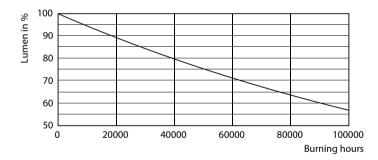


Light Distribution Diagram - MAS LEDtube VLE 1200mm UO 15.5W 840 T8

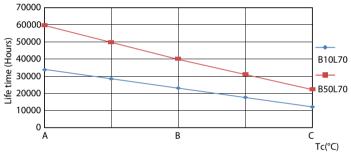
Lifetime

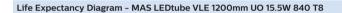


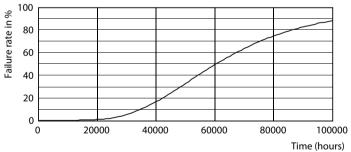




Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm UO 15.5W 840 T8



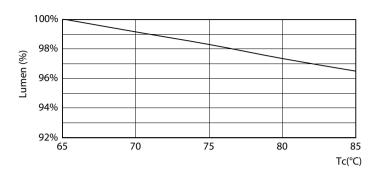




Life Expectancy Diagram - MAS LEDtube VLE 1200mm UO 15.5W 840 T8

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Lumen Maintenance Diagram - MAS LEDtube VLE 1200mm UO 15.5W 840 T8



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