



MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1200mm UO 16W840 T8

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. This product is the ideal solution for up lighting in general lighting applications.

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Product data

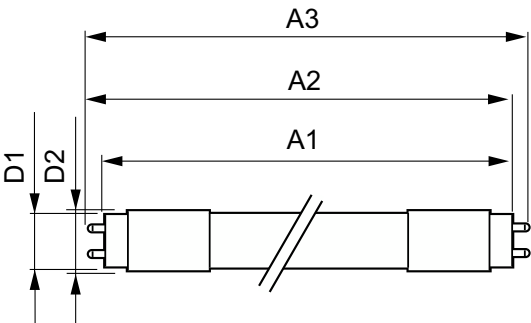
General Information		Color rendering index (CRI)	
Cap-Base	G13 ROT	83	
Nominal lifetime	60,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Switching Cycle	50,000		
Lighting Technology	LED	Operating and Electrical	
Flux measurement reference	Sphere	Line Frequency	20000-75000 Hz
CE mark	Yes	Input Frequency	20000-75000 Hz
EU RoHS compliant	Yes	Power Consumption	16 W
		Lamp Current (Max)	750 mA
		Lamp Current (Min)	300 mA
		Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	30-80 V
		Temperature	
		Ambient temperature range	-20 °C to 45 °C
Light Technical			
Color Code	840 [CCT of 4000K]		
Beam Angle (Nom)	160 degree(s)		
Luminous Flux	2,500 lm		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	156 lm/W		
Color Consistency	<6		

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T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	T8
Approval and Application	
Energy Efficiency Class	D
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

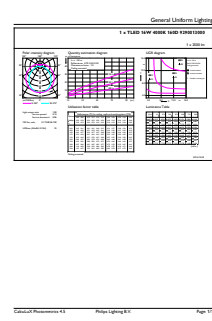
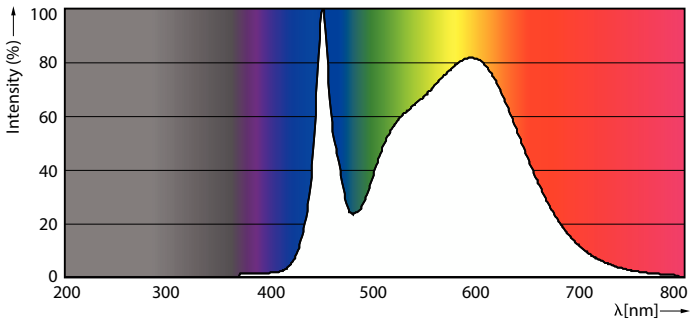
Energy Consumption kWh/1000 h	16 kWh
EPREL Registration Number	387373
Product Data	
Order product name	MAS LEDtube HF 1200mm UO 16W840 T8
Full product name	MAS LEDtube HF 1200mm UO 16W840 T8
Full product code	871869668796300
Order code	929001300002
Material Nr. (12NC)	929001300002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696687963
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696687970

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1200mm UO 16W840 T8	25.6 mm	28 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm

Photometric data



Spectral Power Distribution Colour - MAS LEDtube HF 1200mm UO 16W840 T8

General uniform lighting - MAS LEDtube HF 1200mm UO 16W840 T8

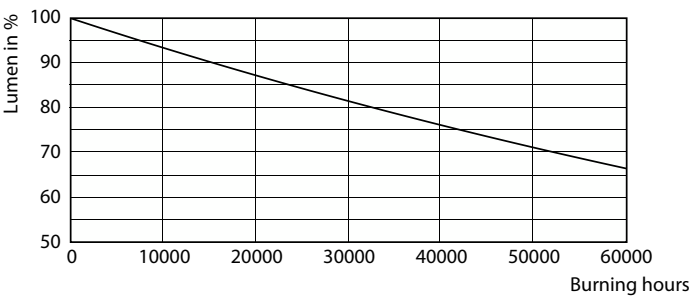
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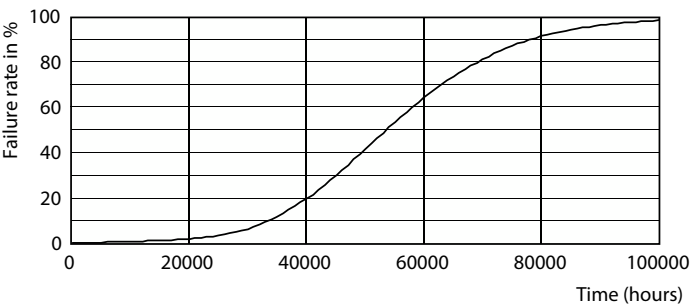


Light Distribution Diagram - MAS LEDtube HF 1200mm UO 16W840 T8

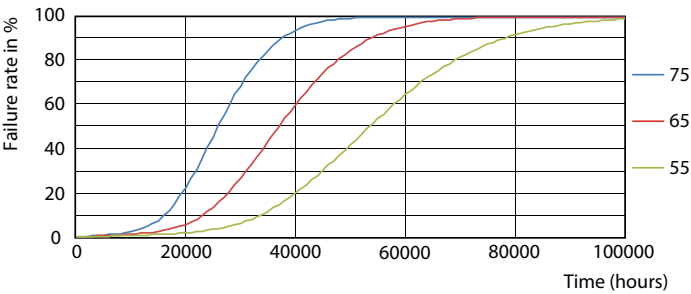
Lifetime



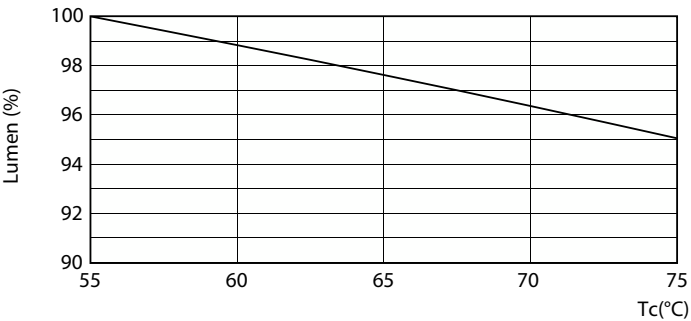
Lumen Maintenance Diagram - MAS LEDtube HF 1200mm UO 16W840 T8



Life Expectancy Diagram - MAS LEDtube HF 1200mm UO 16W840 T8



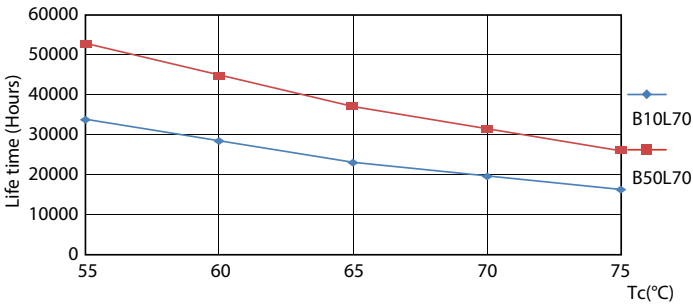
Life Expectancy Diagram - MAS LEDtube HF 1200mm UO 16W840 T8



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Lifetime



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