



MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1500mm HO 20W840 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

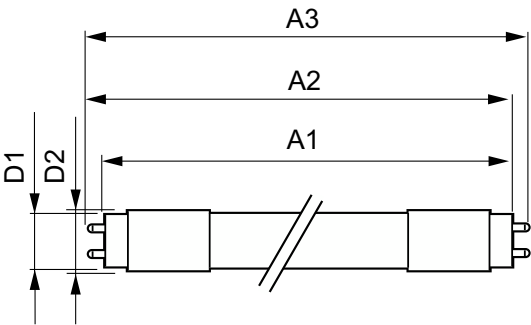
General Information		Color Consistency	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	Color rendering index (CRI)	<6
Nominal lifetime	60,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	20000-75000 Hz
Flux measurement reference	Sphere	Input Frequency	20000-75000 Hz
CE mark	Yes	Power Consumption	20 W
EU RoHS compliant	Yes	Lamp Current (Max)	750 mA
Light Technical		Lamp Current (Min)	300 mA
Color Code	840 [CCT of 4000K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	160 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	3,100 lm	Power Factor (Fraction)	0.9
Color Designation	Cool White (CW)	Voltage (Nom)	30-80 V
Correlated Color Temperature (Nom)	4000 K	Temperature	
Luminous Efficacy (rated) (Nom)	155.00 lm/W	Ambient temperature range	-20 °C to 45 °C

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T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1,500 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

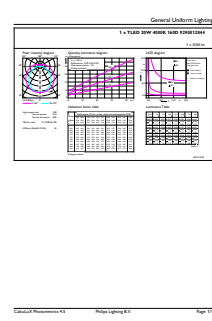
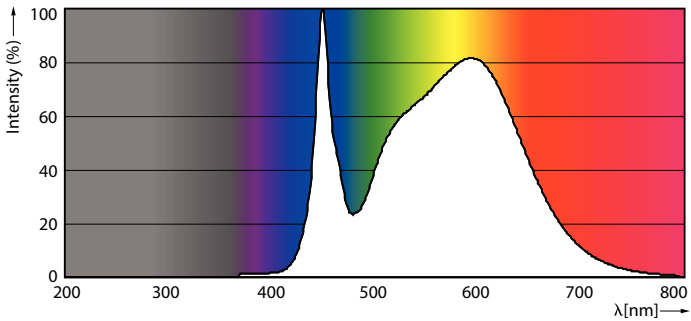
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	387370
Product Data	
Order product name	MAS LEDtube HF 1500mm HO 20W840 T8
Full product name	MAS LEDtube HF 1500mm HO 20W840 T8
Full product code	871869668754300
Order code	929001284402
Material Nr. (12NC)	929001284402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696687543
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696687550

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm HO 20W840 T8	25.6 mm	28 mm	1,498.7 mm	1,505.8 mm	1,512.9 mm

Photometric data

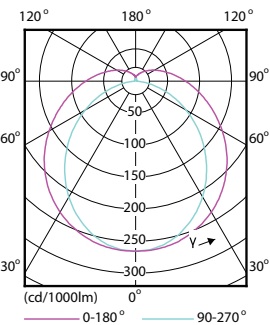


Spectral Power Distribution Colour - MAS LEDtube HF 1500mm HO 20W840 T8

General uniform lighting - MAS LEDtube HF 1500mm HO 20W840 T8

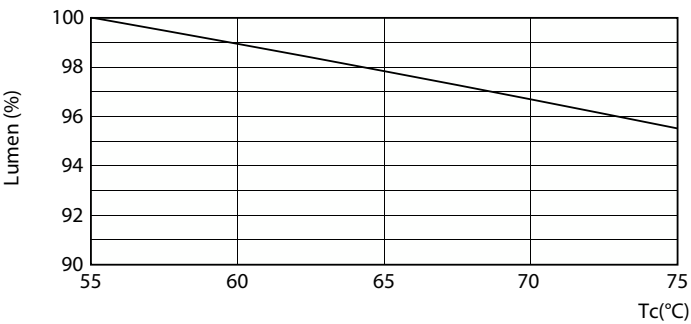
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Photometric data

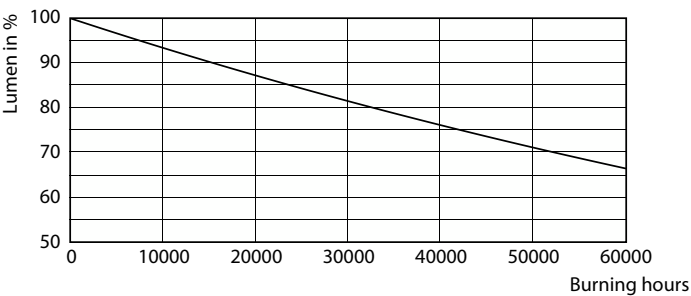


Light Distribution Diagram - MAS LEDtube HF 1500mm HO 20W840 T8

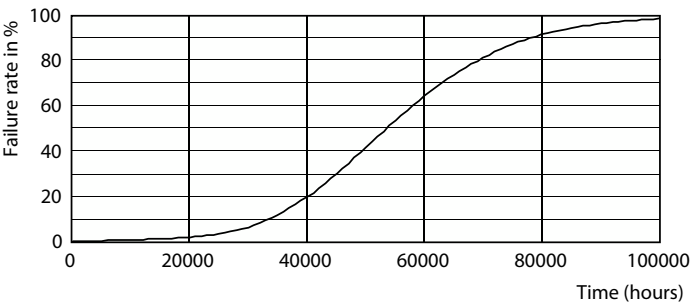
Lifetime



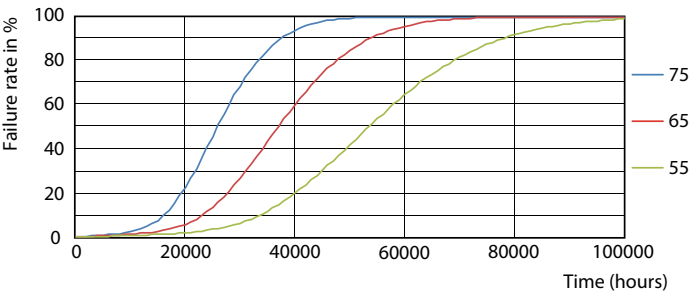
Lumen Maintenance Diagram - MAS LEDtube HF 1500mm HO 20W840 T8



Lumen Maintenance Diagram - MAS LEDtube HF 1500mm HO 20W840 T8



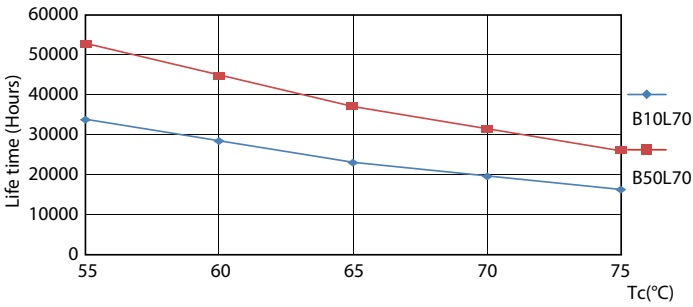
Life Expectancy Diagram - MAS LEDtube HF 1500mm HO 20W840 T8



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Lifetime



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