



MASTER LEDtube InstantFit HF T8



MASTER LEDtube HF 1500mm HO 20W830 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. The MASTER LEDtube Performance is the ideal solution for customers which have higher light requirements and the want to maximize value over lifetime.(need the longest lifetime). Full energy savings and TCO benefits.

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

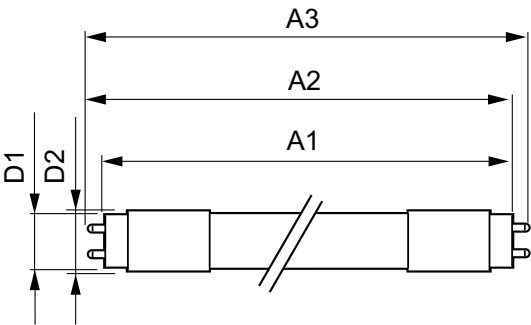
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G13 ROT	145.00 lm/W	
Nominal lifetime	60,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	83
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Flux measurement reference	Sphere	Operating and Electrical	
CE mark	Yes	Line Frequency	20000-75000 Hz
EU RoHS compliant	Yes	Input Frequency	20000-75000 Hz
Light Technical		Power Consumption	20 W
Color Code	830 [CCT of 3000K]	Lamp Current (Max)	750 mA
Beam Angle (Nom)	160 degree(s)	Lamp Current (Min)	300 mA
Luminous Flux	2,900 lm	Starting Time (Nom)	0.5 s
Color Designation	White (WH)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	3000 K	Power Factor (Fraction)	0.9

MASTER LEDtube InstantFit HF T8

Voltage (Nom)	30-80 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
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	E
Energy Saving Product	Yes

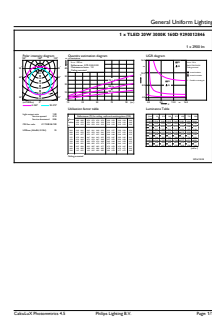
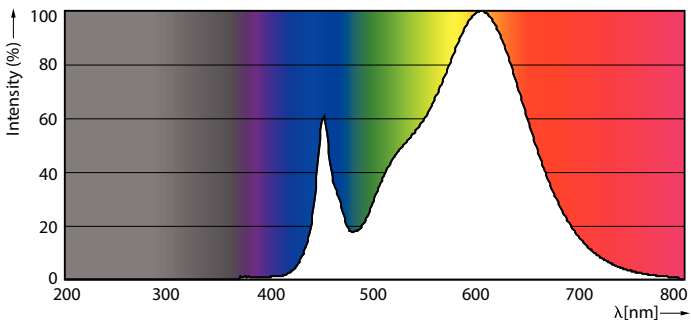
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	387372
Product Data	
Order product name	MAS LEDtube HF 1500mm HO 20W830 T8
Full product name	MASTER LEDtube HF 1500mm HO 20W830 T8
Full product code	871869668758100
Order code	68758100
Material Nr. (12NC)	929001284602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696687581
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696687598

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1500mm HO 20W830 T8	25.6 mm	28 mm	1,498.7 mm	1,505.8 mm	1,512.9 mm

Photometric data

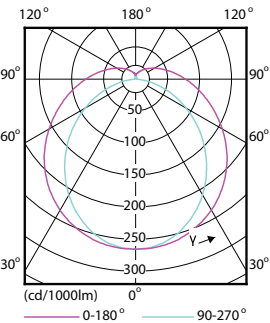


Spectral Power Distribution Colour - MAS LEDtube HF 1500mm HO 20W830 T8

General uniform lighting - MAS LEDtube HF 1500mm HO 20W830 T8

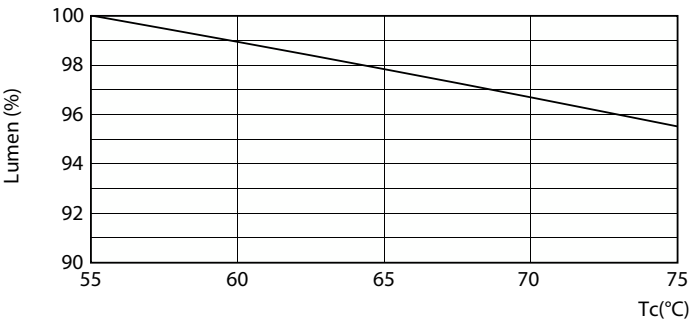
MASTER LEDtube InstantFit HF T8

Photometric data

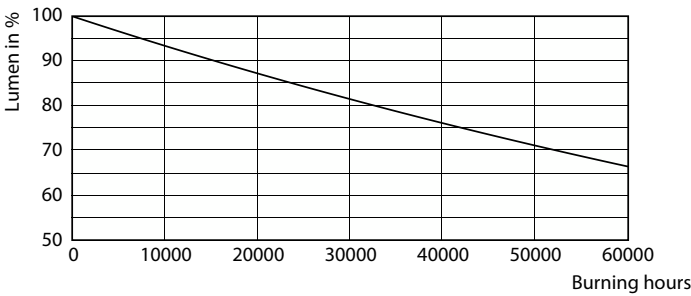


Light Distribution Diagram - MAS LEDtube HF 1500mm HO 20W830 T8

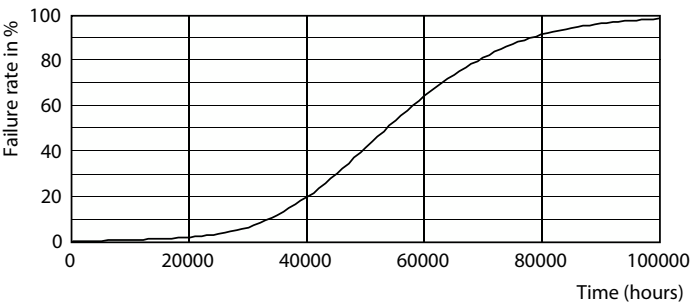
Lifetime



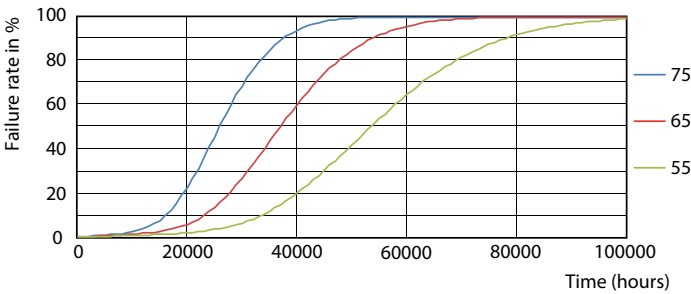
Lumen Maintenance Diagram - MAS LEDtube HF 1500mm HO 20W830 T8



Lumen Maintenance Diagram - MAS LEDtube HF 1500mm HO 20W830 T8



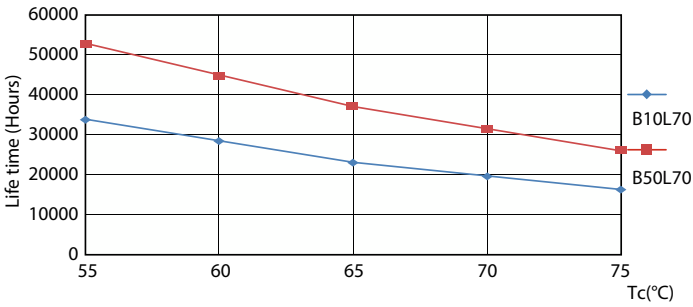
Life Expectancy Diagram - MAS LEDtube HF 1500mm HO 20W830 T8



Life Expectancy Diagram - MAS LEDtube HF 1500mm HO 20W830 T8

MASTER LEDtube InstantFit HF T8

Lifetime



Life Expectancy Diagram - MAS LEDtube HF 1500mm HO 20W830 T8

