



MASTER LEDtube InstantFit HF T8

MAS LEDtube HF 1050mm UO 17W840 T8

Philips MASTER LEDtube InstantFit T8 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. Philips MASTER LEDtube InstantFit T8 is the ideal solution for customers who have higher light requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	2,600 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	152.00 lm/W
Color Consistency	<6

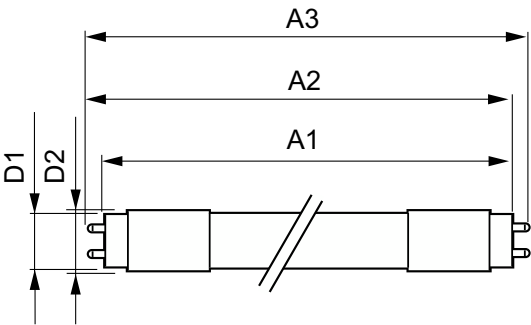
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	20000-50000 Hz
Input Frequency	20000-50000 Hz
Power Consumption	17 W
Lamp Current (Max)	700 mA
Lamp Current (Min)	300 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	30-80 V

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Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,100 mm
Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate

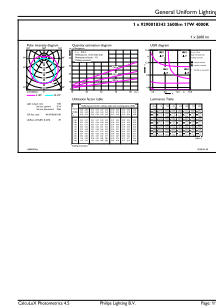
Energy Consumption kWh/1000 h	21 kWh
Product Data	
Order product name	MAS LEDtube HF 1050mm UO 17W840 T8
Full product name	MAS LEDtube HF 1050mm UO 17W840 T8
Full product code	871869681028600
Order code	929001834302
Material Nr. (12NC)	929001834302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696810286
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696810293

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube HF 1050mm UO 17W840 T8	27.9 mm	28 mm	1,047 mm	1,052.9 mm	1,061.2 mm

Photometric data



Light Distribution Diagram - MAS LEDtube HF 1050mm UO 17W840 T8

General uniform lighting - MAS LEDtube HF 1050mm UO 17W840 T8

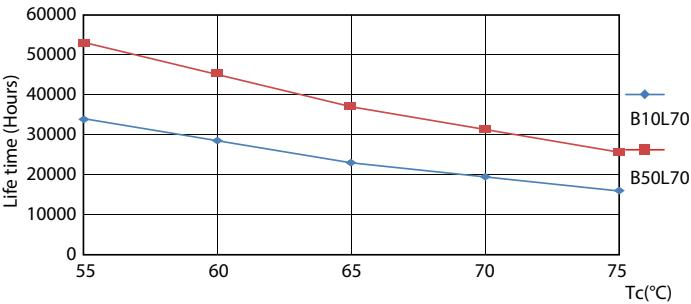
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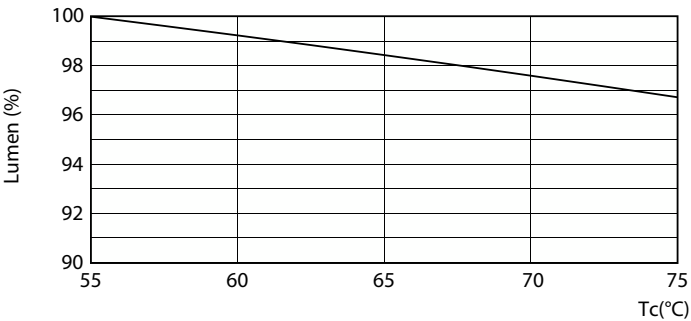


Spectral Power Distribution Colour - MAS LEDtube HF 1050mm UO 17W840 T8

Lifetime

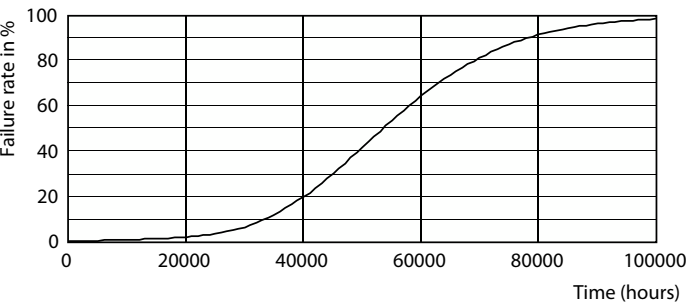


Life Expectancy Diagram - MAS LEDtube HF 1050mm UO 17W840 T8



Lumen Maintenance Diagram - MAS LEDtube HF 1050mm UO 17W840 T8

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Lifetime

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