



# 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

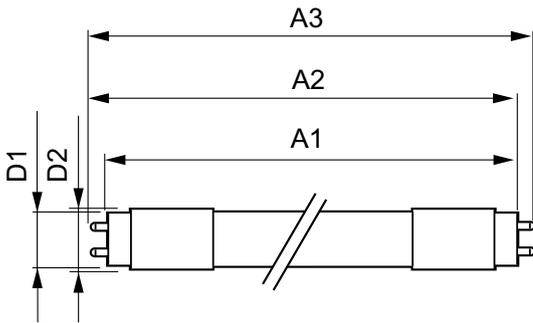
General Information		Color rendering index (CRI)		82
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF At End Of Nominal Lifetime (Nom)		70 %
Nominal lifetime	50,000 hour(s)	<b>Operating and Electrical</b>		
Switching Cycle	50,000	Line Frequency	20000-50000 Hz	
Lighting Technology	LED	Input Frequency	20000-50000 Hz	
EU RoHS compliant	Yes	Power Consumption	17 W	
<b>Light Technical</b>		Lamp Current (Max)	700 mA	
Color Code	840 [CCT of 4000K]	Lamp Current (Min)	300 mA	
Beam Angle (Nom)	160 degree(s)	Starting Time (Nom)	0.5 s	
Luminous Flux	2,600 lm	Warm-up time to 60% light	0.5 s	
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.9	
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	30-80 V	
Luminous Efficacy (rated) (Nom)	152.00 lm/W			
Color Consistency	<6			

# MASTER LEDtube InstantFit HF T8

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

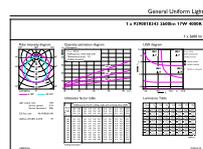
Energy Consumption kWh/1000 h	21 kWh
Product Data	
Order product name	MAS LEDtube HF 1050mm UO 17W840 T8
Full product name	MAS LEDtube HF 1050mm UO 17W840 T8
Full product code	871869681028600
Order code	929001834302
Material Nr. (12NC)	929001834302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case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



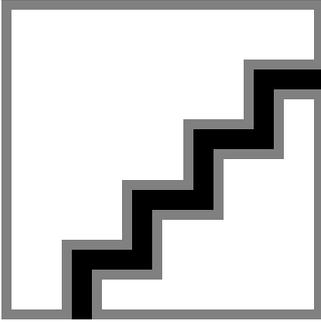
General Uniform Lighting - MAS LEDtube HF 1050mm UO 17W840 T8

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

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

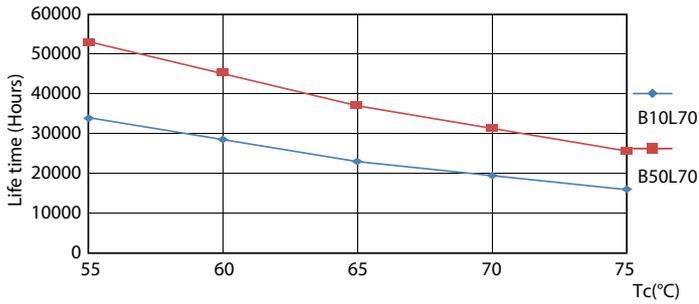
# MASTER LEDtube InstantFit HF T8

## Photometric data

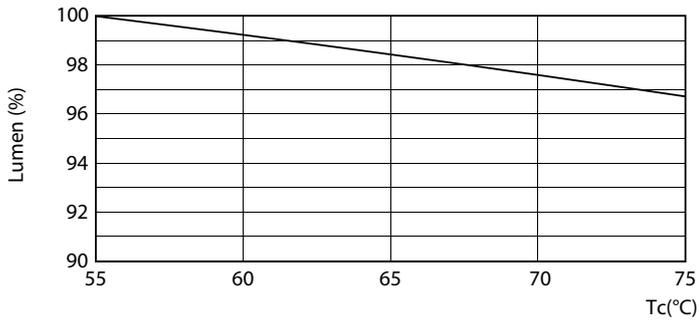


Spectral Power Distribution Colour - MAS LEDtube HF 1050mm UO 17W840 T8

## Lifetime

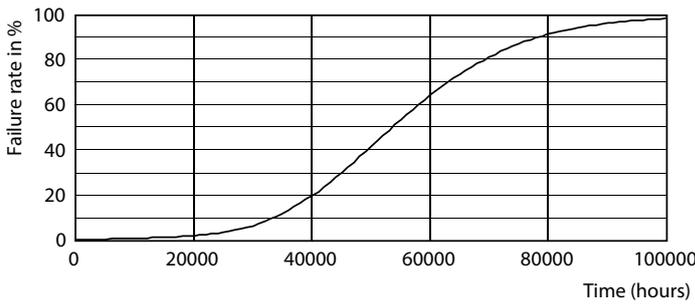


Life Expectancy Diagram - MAS LEDtube HF 1050mm UO 17W840 T8



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

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



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

# MASTER LEDtube InstantFit HF T8

## Lifetime

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

