



# MASTER LEDtube EM/ Mains

## MASTER LEDtube 1500mm UE 21.5W 840 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

• -

### Product data

General Information		Operating and Electrical	
Cap base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	70,000 h	Input frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	21.5 W
Lighting Technology	LED	Lamp current (max.)	111 mA
EU RoHS compliant	Yes	Lamp current (min.)	83 mA
Light Technical		Starting time (nom.)	0.5 s
Colour Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Beam angle (nom.)	160 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	3,700 lm	Voltage (nom.)	220-240 V
Colour designation	Cool White (CW)	Temperature	
Correlated Colour Temperature	4000 K	Ambient temperature range	-20°C to 35°C
Luminous efficacy (rated) (nom.)	172.00 lm/W	T-Case maximum (nom.)	60 °C
Colour consistency	<6	Controls and Dimming	
Colour rendering index (CRI)	83	Dimmable	No
LLMF at end of nominal lifetime (nom.)	70 %		

# MASTER LEDtube EM/Mains

## Mechanical and Housing

Bulb material	Plastic
Product length	1,500 mm

## Approval and Application

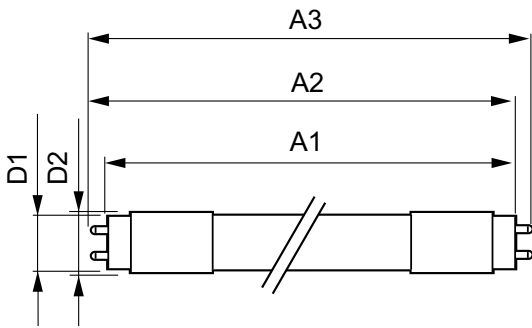
Energy-saving product	Yes
Approval marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	22 kWh

## Product Data

Order product name	MAS LEDtube 1500mm UE 21.5W 840 T8
--------------------	------------------------------------

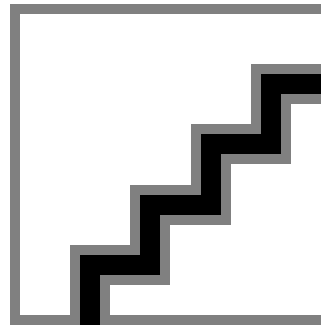
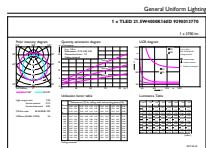
Full product name	MASTER LEDtube 1500mm UE 21.5W 840 T8
Full EOC	871869673154300
Order code	73154300
Material no. (12 NC)	929001377002
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696731543
Numerator – packs per outer box	10
EAN/UPC – Case	8718696731550

## Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UE 21.5W 840 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm

## Photometric data

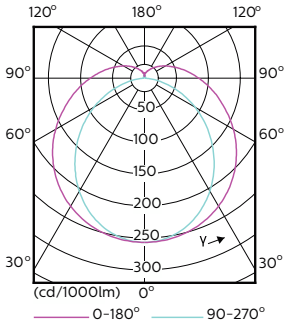


General uniform lighting - MAS LEDtube 1500mm UE 21.5W 840 T8

Spectral Power Distribution Colour - MAS LEDtube 1500mm UE 21.5W 840 T8

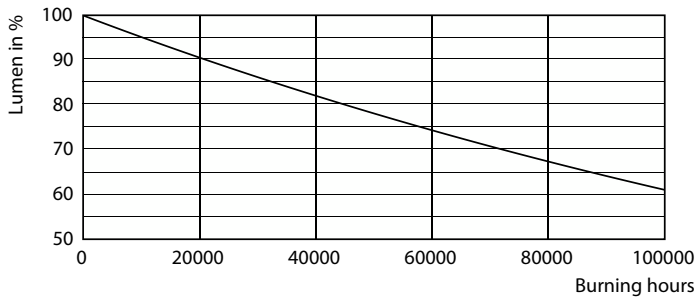
# MASTER LEDtube EM/Mains

## Photometric data

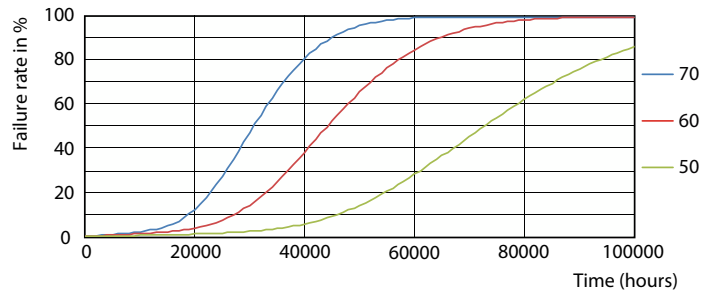


Light Distribution Diagram - MAS LEDtube 1500mm UE 21.5W 840 T8

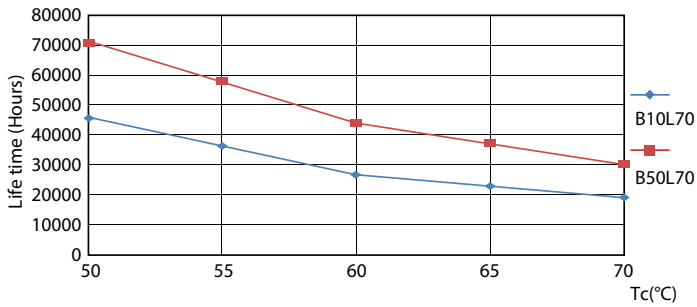
## Lifetime



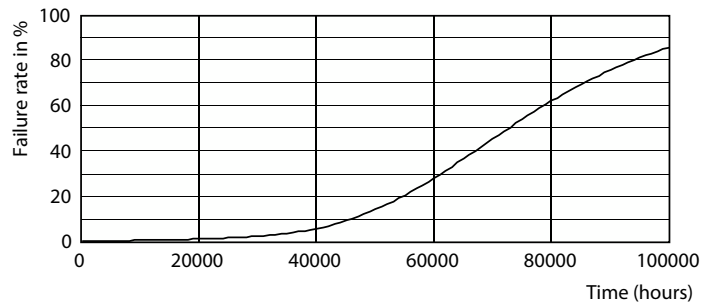
Lumen Maintenance Diagram - MAS LEDtube 1500mm UE 21.5W 840 T8



Life Expectancy Diagram - MAS LEDtube 1500mm UE 21.5W 840 T8



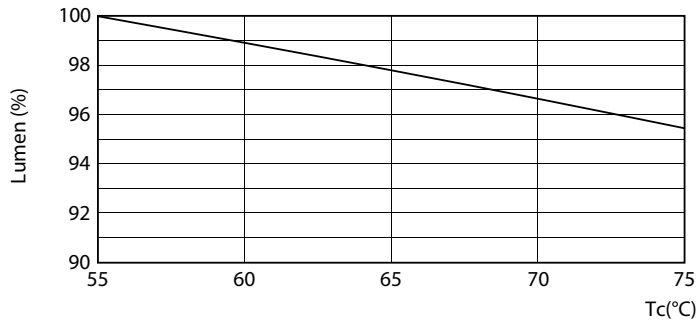
Life Expectancy Diagram - MAS LEDtube 1500mm UE 21.5W 840 T8



Life Expectancy Diagram - MAS LEDtube 1500mm UE 21.5W 840 T8

# MASTER LEDtube EM/Mains

## Lifetime



Lumen Maintenance Diagram - MAS LEDtube 1500mm UE 21.5W 840 T8

