



# MASTER LEDtube EM/ Mains

## MAS LEDtube 1050mm 16W 830 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.

### Product data

General Information	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
Nominal lifetime (nom.)	50000 h
Switching cycle	200000X
B50L70	50000 h

Light Technical	
Colour code	830 [ CCT of 3,000 K]
Luminous flux (nom.)	2300 lm
Luminous flux (rated) (nom.)	2300 lm
Correlated colour temperature (nom.)	3000 K
Colour consistency	<6
Color rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	16 W
Lamp current (max.)	83 mA
Lamp current (min.)	61 mA

Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V

Temperature	
T ambient (max.)	45 °C
T ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	55 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product length	1050 mm

Approval and Application	
Energy efficiency label (EEL)	A++

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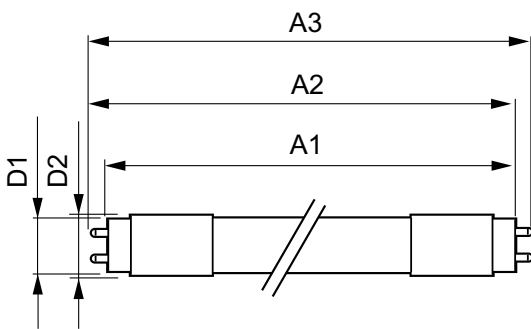
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh
<b>Product Data</b>	
Full product code	871869672855000
Order product name	MAS LEDtube 1050mm 16W 830 T8

EAN/UPC – product	8718696728550
Order code	72855000
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001375602
Net weight (piece)	0.212 kg

## Warnings and Safety

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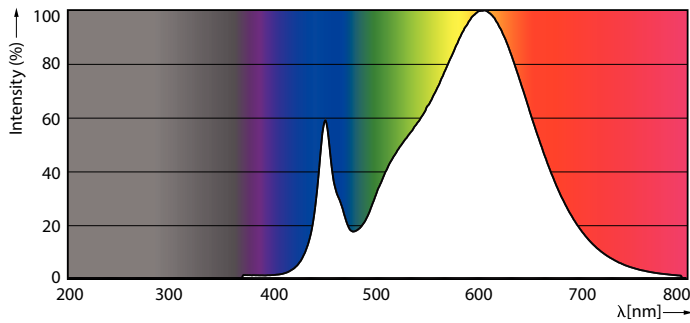
## Dimensional drawing



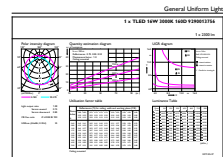
TLED 220-240V 16-38W 2300lm 3000K G13 ND

Product	D1	D2	A1	A2	A3
MAS LEDtube 1050mm 16W 830 T8	25.8 mm	28 mm	1045.8 mm	1052.9 mm	1060 mm

## Photometric data



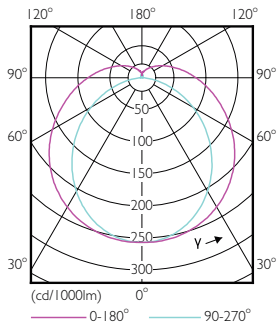
LEDtube 600mm 8W G5 830 1000lm



LEDtube MAS 16W G13 830 ND

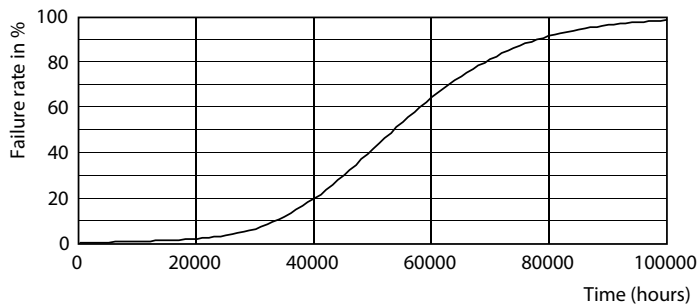
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## Photometric data

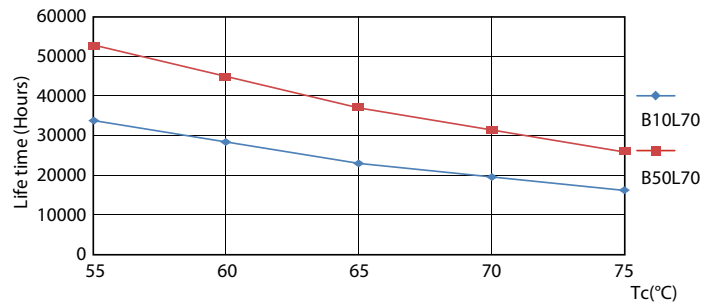


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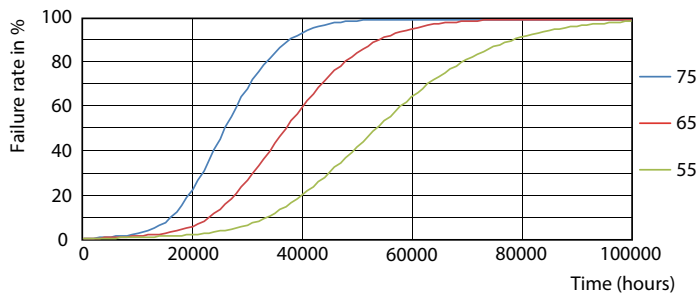
## Lifetime



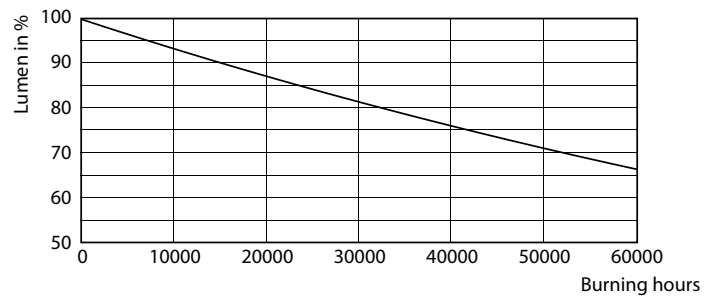
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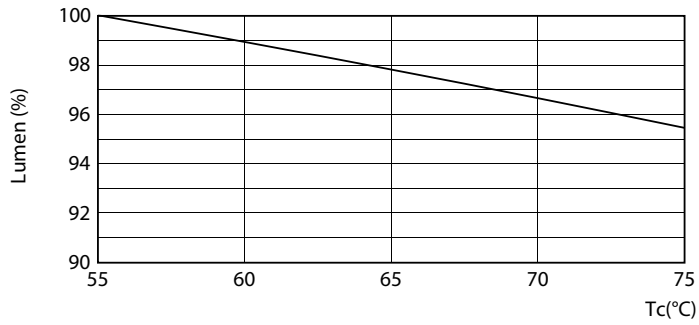
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## Lifetime



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