PHILIPS

Lighting



MASTER LEDtube EM/ Mains

MAS LEDtube 1050mm 16W 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 lamping 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	840 [CCT of 4,000 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2500 lm
Luminous flux (rated) (nom.)	2500 lm
Rated beam angle	160 °
Correlated colour temperature (nom.)	4000 K
Colour consistency	<6
Color rendering index (nom.)	83
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	1100 mm

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Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh

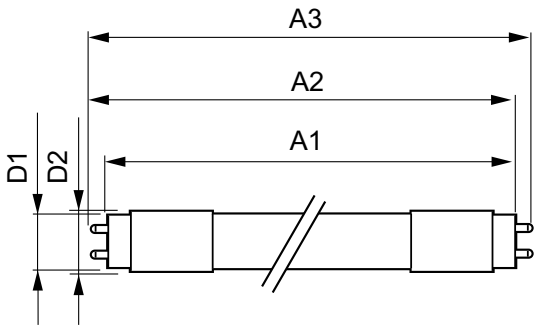
Product Data	
Full product code	871869961602100

Order product name	MAS LEDtube 1050mm 16W 840 T8
EAN/UPC – product	8718699616021
Order code	61602100
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929001961102
Net weight (piece)	0.212 kg

Warnings and Safety

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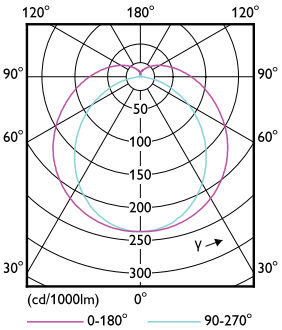
Dimensional drawing

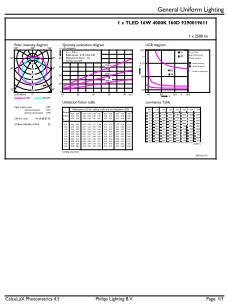


TLED 3.5ft 16-38W 2500lm 4000K G13

Product	D1	D2	A1	A2	A3
MAS LEDtube 1050mm 16W 840 T8	25.8 mm	28 mm	1045.8 mm	1052.9 mm	1060 mm

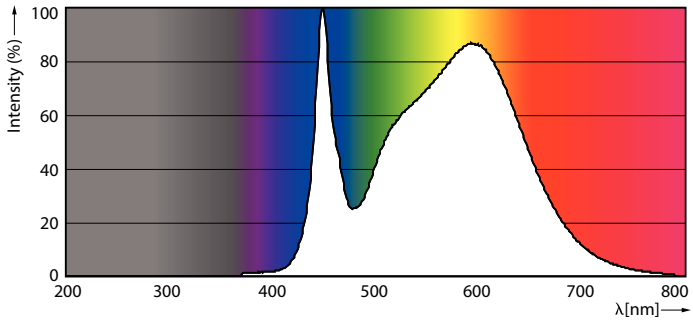
Photometric data



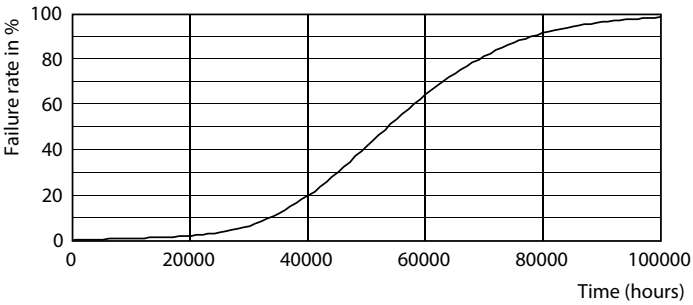


LEDtube 3,5ft G13

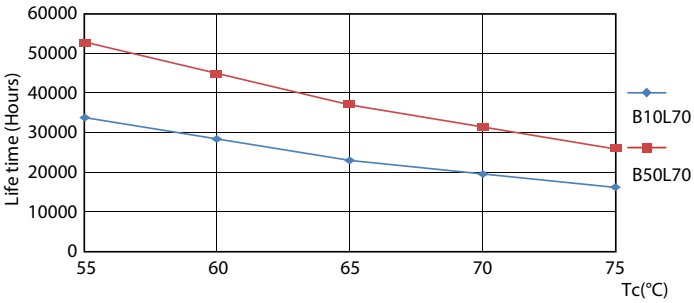
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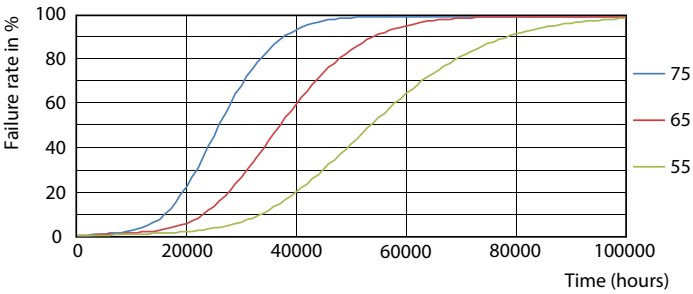
Lifetime



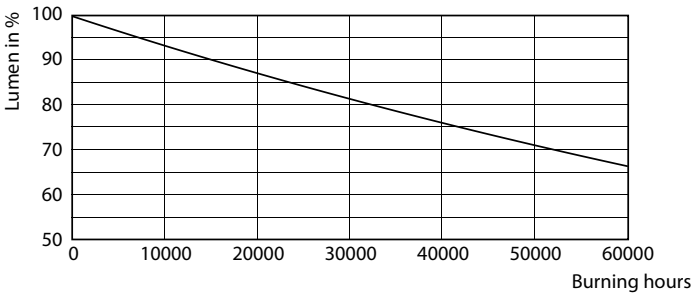
LEDtube MAS 16W G13 830 ND



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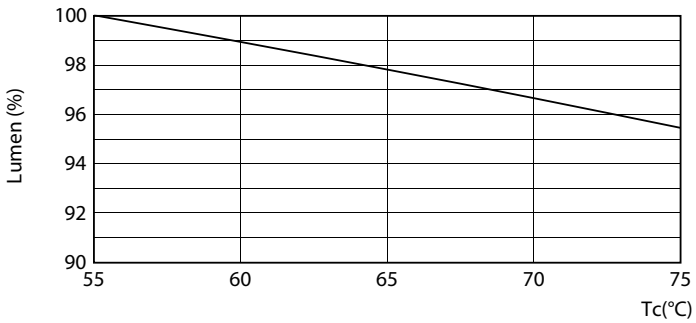
LEDtube MAS 16W G13 830 ND



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MASTER LEDtube EM/Mains

Lifetime



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