



MASTER LEDtube EM/ Mains

MAS LEDtube 1500mm UO 23W 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.

Product data

General Information		Lamp current (max.)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		108 mA
Nominal lifetime (nom.)	60000 h	Lamp current (min.)	99 mA
Switching cycle	200000X	Starting time (nom.)	0.5 s
B50L70	60000 h	Warm-up time to 60% light (nom.)	0.5 s
Light Technical		Power factor (nom.)	0.9
Colour Code	840 [CCT of 4,000 K]	Voltage (Nom)	220-240 V
Beam Angle (Nom)	160 °	Temperature	
Lamp Luminous Flux 25°C EL (Nom)	3700 lm	T ambient (max.)	45 °C
Lamp Luminous Flux (Nom)	3700 lm	T ambient (min.)	-20 °C
Rated beam angle	160 °	T storage (max.)	65 °C
Colour Temperature, horizontal (Nom)	4000 K	T storage (min.)	-40 °C
Colour consistency	<6	T-Case maximum (nom.)	60 °C
Colour Rendering Index,horiz (Nom)	83	Controls and Dimming	
LLMF at end of nominal lifetime (nom.)	70 %	Dimmable	No
Operating and Electrical		Mechanical and Housing	
Input frequency	50 to 60 Hz	Product length	1500 mm
Power (Rated) (Nom)	23 W		

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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	23 kWh

Product Data

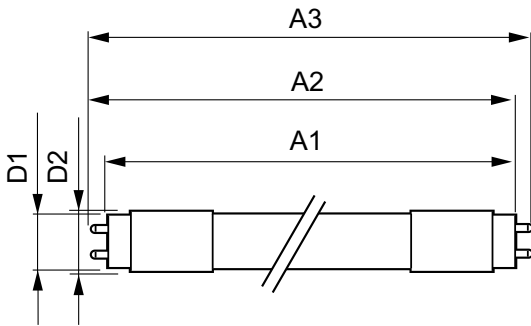
Full product code	871869964729200
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Order product name	MAS LEDtube 1500mm UO 23W 840 T8
EAN/UPC – product	8718699647292
Order code	929002020902
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929002020902
Net weight (piece)	0.310 kg

Warnings and Safety

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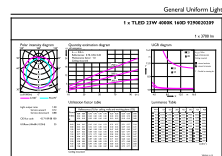
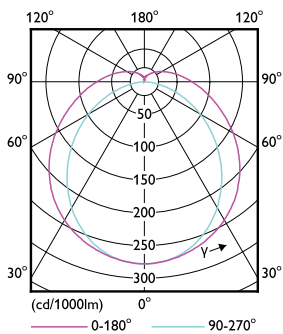
Dimensional drawing



TLED 5ft 220-240V 23-58W 3700lm4000K G13

Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UO 23W 840 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

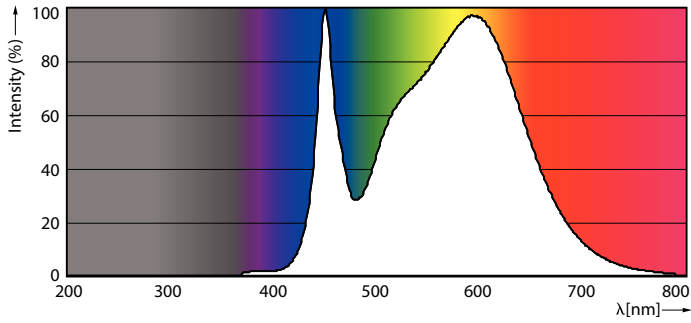
Photometric data



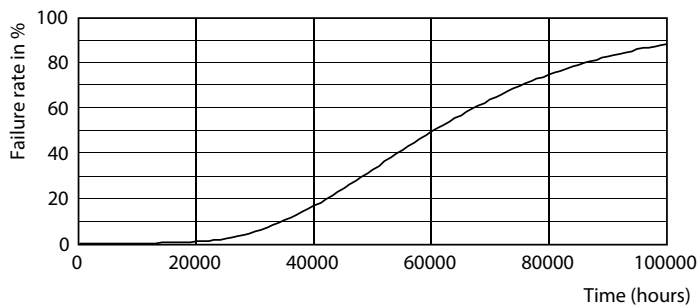
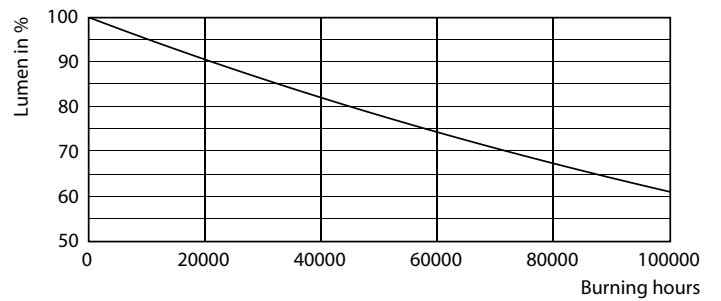
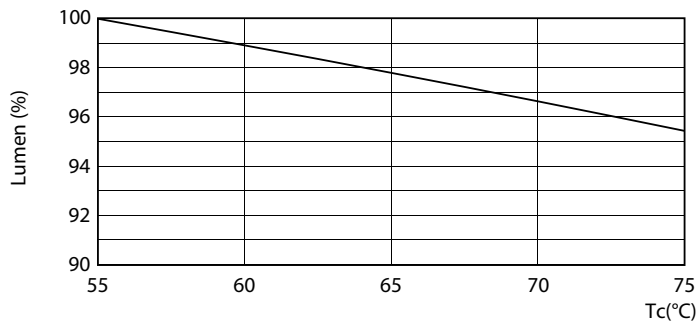
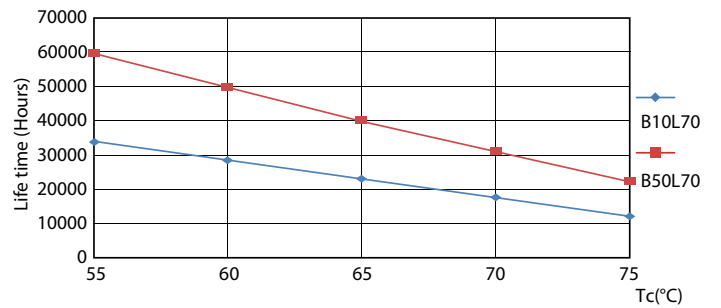
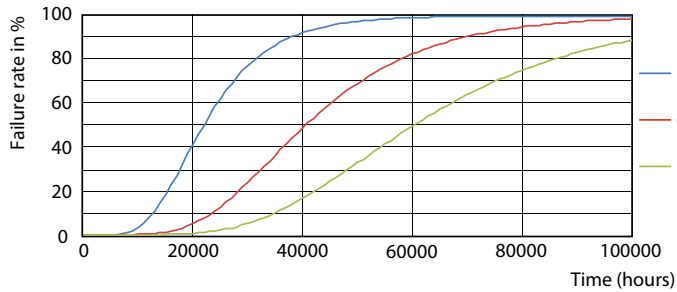
TLED_5ft_220-240V_23-58W_3700lm_4000K_G13

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Photometric data



Lifetime



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