PHILIPS

Lighting



Master Value LEDtube T8

MAS LEDtube VLE 600mm HO 8W 865 T8

A high-performance LED solution, the professional Master Value LED tube is ideal for replacing T8 fluorescent lamps using EM ballast or installing directly on the mains. This product provides a uniform lighting effect for use in all general lighting, as well as instant energy-efficiency, making for an environmentally friendly solution.

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	865 [CCT of 6,500 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	1050 lm
Luminous flux (rated) (nom.)	1050 lm
Rated beam angle	240 °
Correlated colour temperature (nom.)	6500 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)	8 W
Lamp current (max.)	38 mA
Lamp current (min.)	34 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.)	50 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product length	600 mm

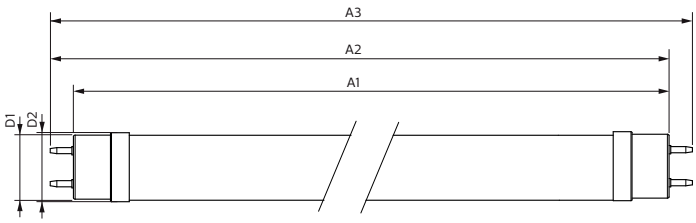
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Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh

Product Data	
Full product code	871869964683700

Order product name	MAS LEDtube VLE 600mm HO 8W 865 T8
EAN/UPC – product	8718699646837
Order code	64683700
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929002021302
Net weight (piece)	0.120 kg

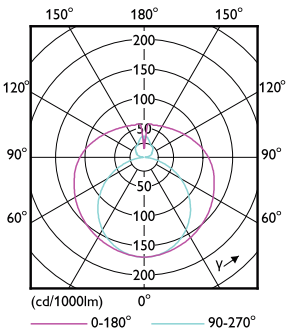
Dimensional drawing

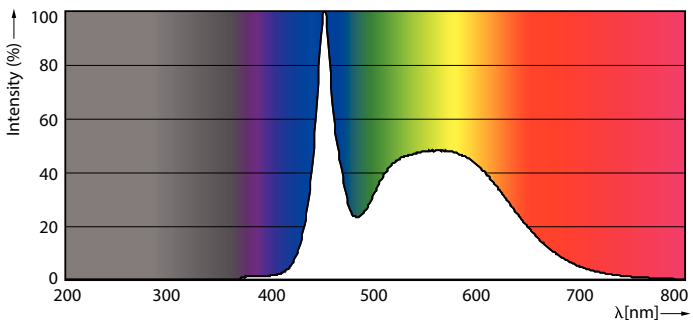


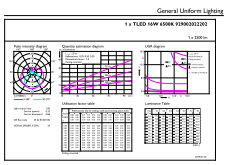
Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 600mm HO 8W 865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

TLED 2ft 220-240V 8-18W 1050lm 6500K G13

Photometric data



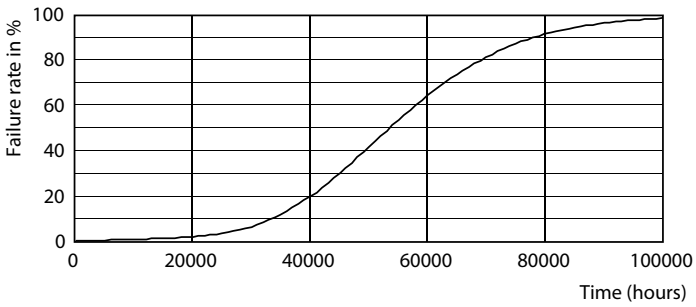


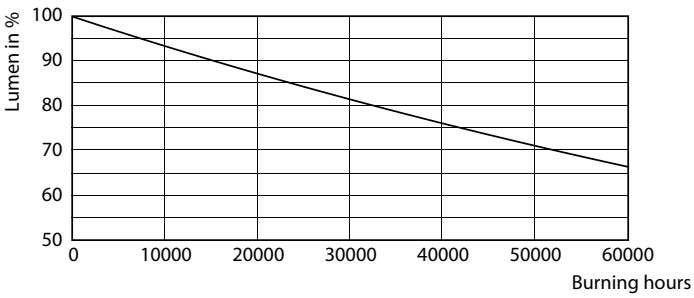


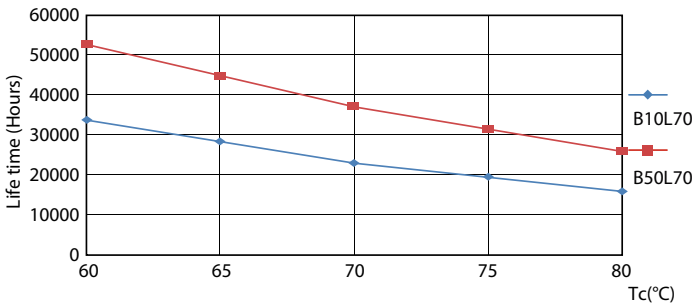
LEDtube 220-240V G13 2ft 1050lm 6500k

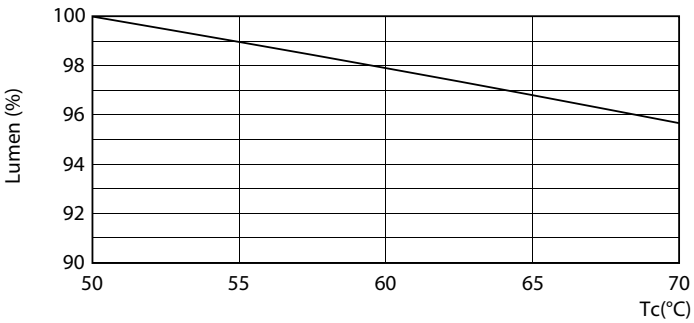
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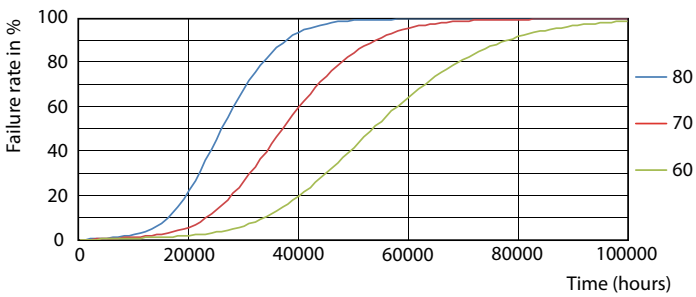
Lifetime











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