PHILIPS

Lighting



MASTER LEDtube EM/ Mains

MAS LEDtube 1200mm UO 15.5W 865 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.)	60000 h
Switching cycle	200000X
B50L70	60000 h

Light Technical	
Colour code	865 [CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	2500 lm
Luminous flux (rated) (nom.)	2500 lm
Rated beam angle	160 °
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)	15.5 W
Lamp current (max.)	73 mA
Lamp current (min.)	67 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	1200 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	871869964725400

Order product name	MAS LEDtube 1200mm UO 15.5W 865 T8
EAN/UPC – product	8718699647254
Order code	64725400
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929002020702
Net weight (piece)	0.251 kg

Warnings and Safety

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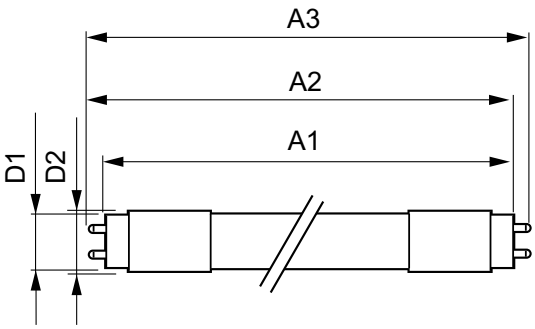
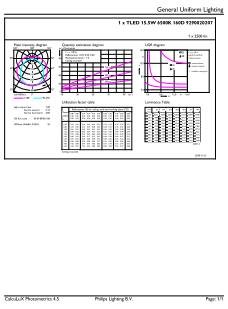
Dimensional drawing

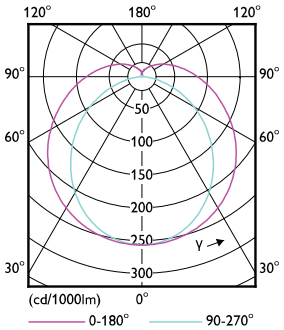


Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 15.5W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

TLED 4ft 220-240V 15.5-36W2500lm6500KG13

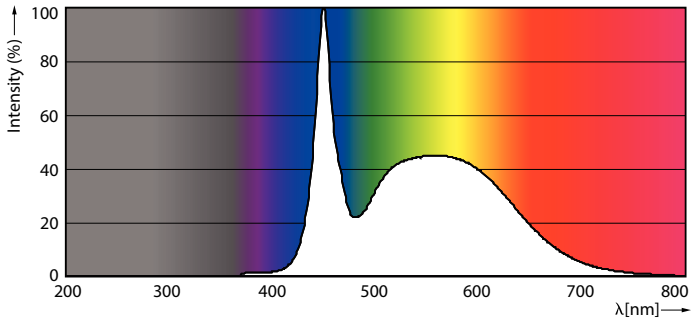
Photometric data



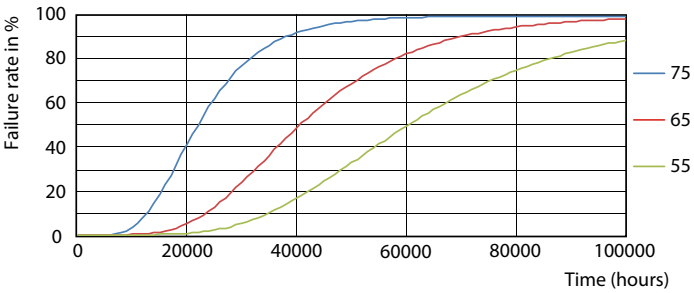


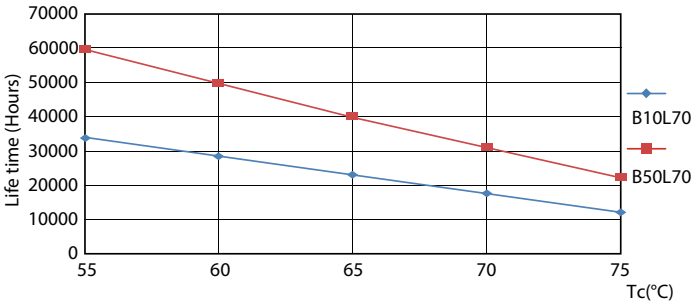
TLED_4ft_220-240V_15.5-36W2500lm_6500K_G13

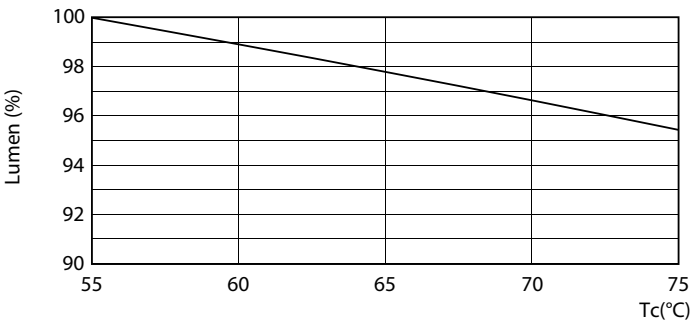
Photometric data

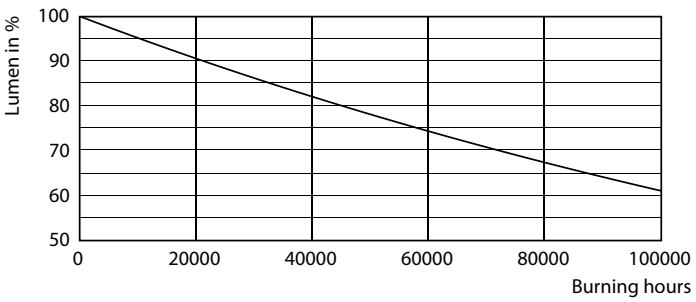


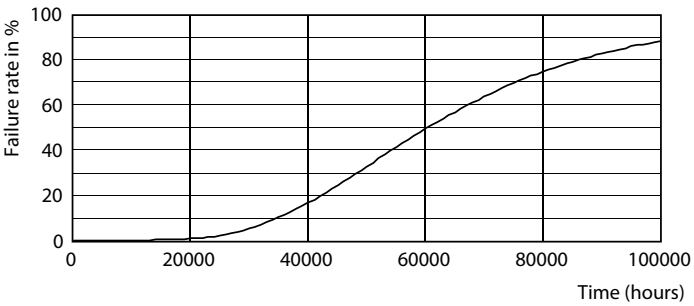
Lifetime











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2019, May 28 - data subject to change