



MASTER LEDtube EM/ Mains T8

MASTER 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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Product data

General Information	
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	60000 h
Switching Cycle	200000X

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2500 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	161.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	83

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (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

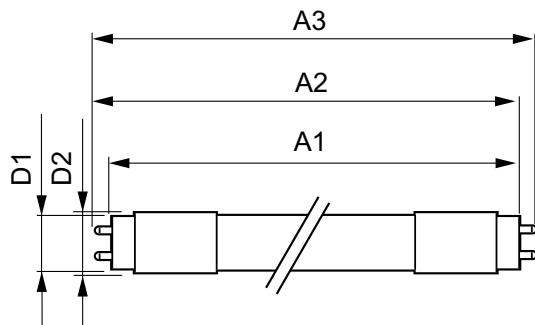
LLMF At End Of Nominal Lifetime (Nom)	70 %
---------------------------------------	------

MASTER LEDtube EM/Mains T8

T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Material	Plastic
Product Length	1200 mm
Approval and Application	
Energy Efficiency Label (EEL)	A++
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy Consumption kWh/1000 h	16 kWh
Product Data	
Full product code	871869964725400
Order product name	MASTER LEDtube 1200mm UO 15.5W 865 T8
EAN/UPC - Product	8718699647254
Order code	929002020702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002020702
Net Weight (Piece)	0.251 kg

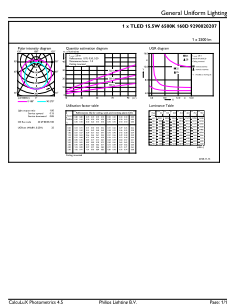
Dimensional drawing



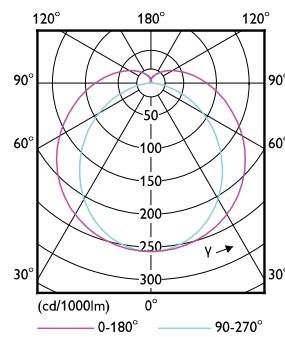
TLED 4ft 220-240V 15.5-36W2500lm6500KG13

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

Photometric data



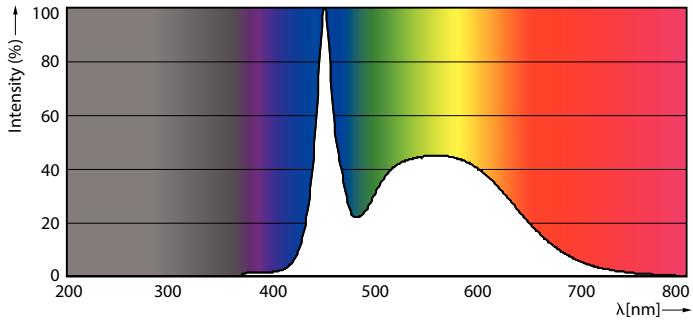
TLED_4ft_220-240V_15.5-36W2500lm_6500K_G13



TLED_4ft_220-240V15.5-36W_G13-LDD

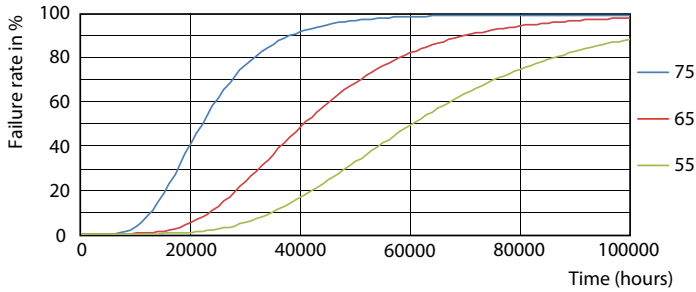
MASTER LEDtube EM/Mains T8

Photometric data

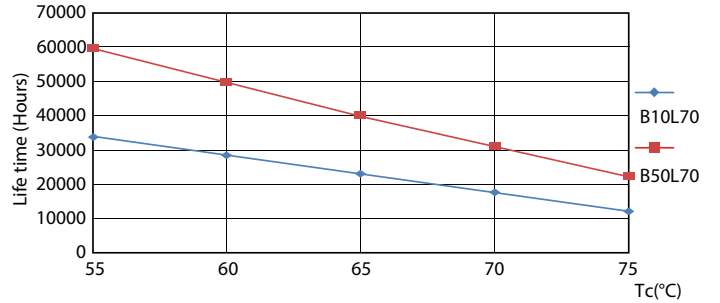


TLED_4ft_220-240V_15.5-36W2500lm_6500K_G13

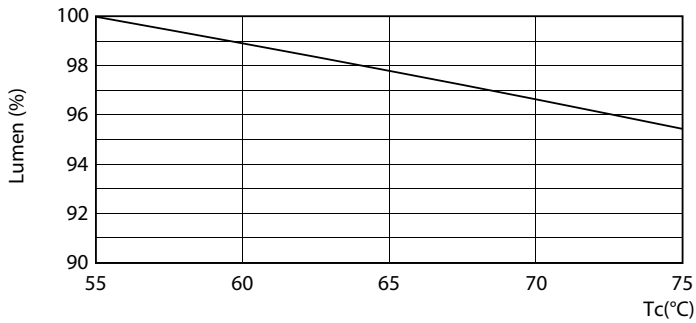
Lifetime



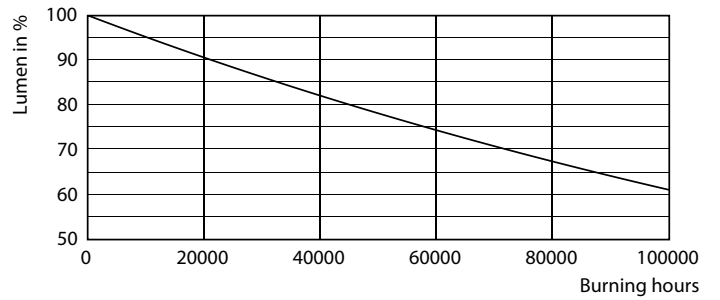
TLED_220-240V_G13-FailureRate



TLED_220-240V_G13-LifetimeVsTc



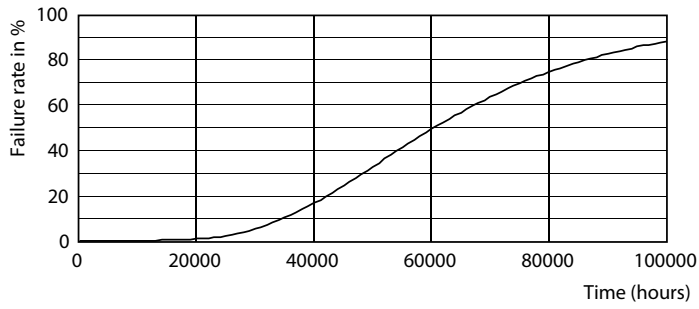
TLED_220-240V_G13-LumenVsTc



TLED_220-240V_G13

MASTER LEDtube EM/Mains T8

Lifetime



TLED_220-240V_G13

