



MASTER LEDtube EM/ Mains

MASTER LEDtube 1500mm UO 23W 830 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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime (nom.)	60000 h
Switching cycle	200000X

Light Technical	
Colour Code	830 [CCT of 3,000 K]
Technical Beam Angle (Nom)	160 °
Lamp Luminous Flux 25°C EL (Nom)	3400 lm
Colour Temperature, horizontal (Nom)	3000 K
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	83
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	23 W
Lamp current (max.)	108 mA
Lamp current (min.)	99 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.)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product length	1500 mm

Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes

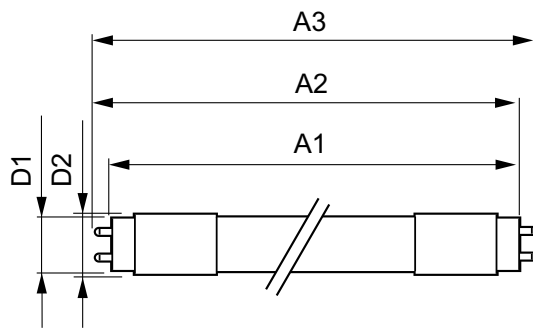
MASTER LEDtube EM/Mains

Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh
Product Data	
Full product code	871869964727800
Order product name	MASTER LEDtube 1500mm UO 23W 830 T8
EAN/UPC – product	8718699647278

Order code	929002020802
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	929002020802
Net weight (piece)	0.310 kg

Warnings and Safety

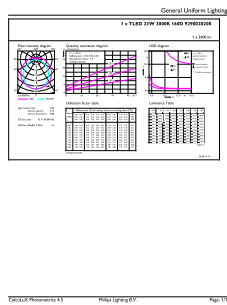
Dimensional drawing



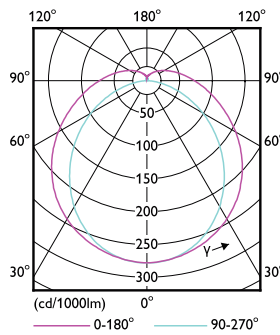
TLED 5ft 220-240V 23-58W 3400lm3000K G13

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm UO 23W 830 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

Photometric data



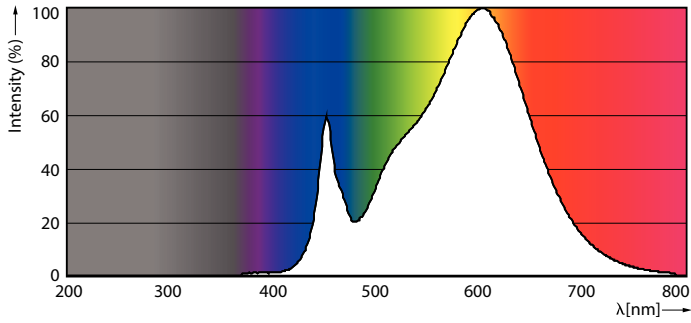
TLED_5ft_220-240V_23-58W_3400lm_3000K_G13



TLED_5ft_220-240V_23-58W_G13

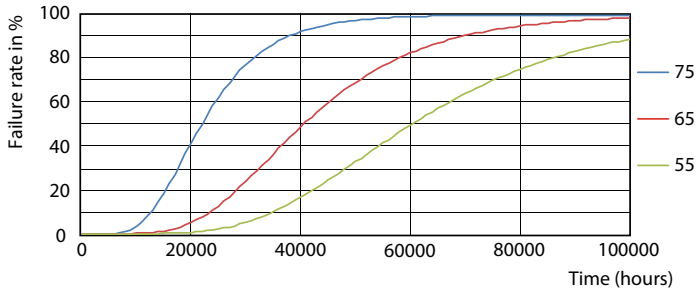
MASTER LEDtube EM/Mains

Photometric data

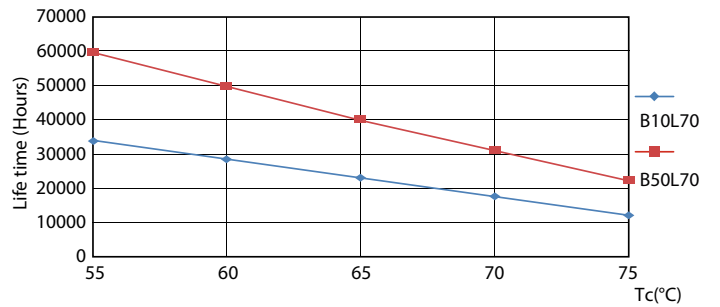


TLED_5ft_220-240V_23-58W_3400lm_3000K_G13

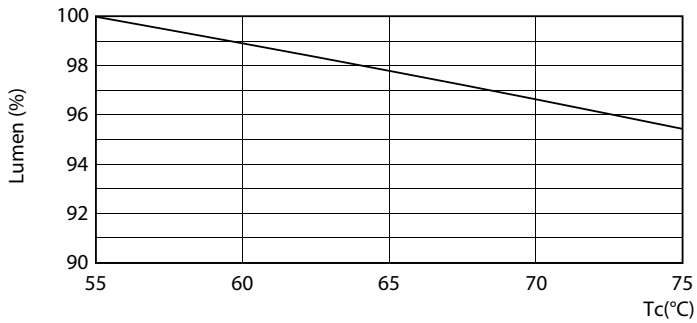
Lifetime



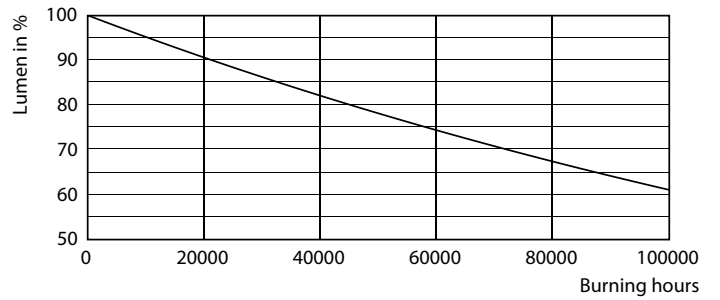
TLED_220-240V_G13-FailureRate



TLED_220-240V_G13-LifetimeVsTc



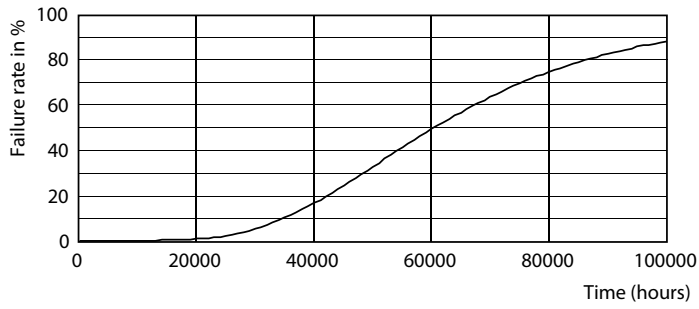
TLED_220-240V_G13-LumenVsTc



TLED_220-240V_G13

MASTER LEDtube EM/Mains

Lifetime



TLED_220-240V_G13

