

Master Value LEDtube T8

MASTER LEDtube VLE 1200mm UO 16W 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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X

Light Technical	
Colour Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	2500 lm
Colour Designation	Cool Daylight
Colour Temperature, horizontal (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	156.00 lm/W
Color 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)	16 W

Lamp Current (Max)	75 mA
Lamp Current (Min)	68 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

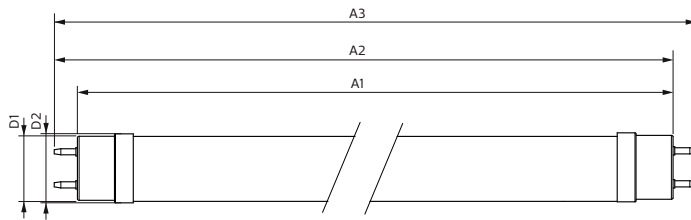
Mechanical and Housing	
Bulb Material	Glass

Master Value LEDtube T8

Product Length	1200 mm
Approval and Application	
Energy Efficiency Label	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	871869964701800

Order product name	MASTER LEDtube VLE 1200mm UO 16W 865 T8
EAN/UPC - Product	8718699647018
Order code	64701800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002022202
Net Weight (Piece)	0.215 kg

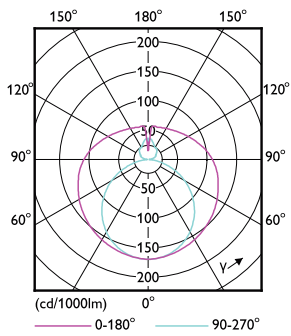
Dimensional drawing



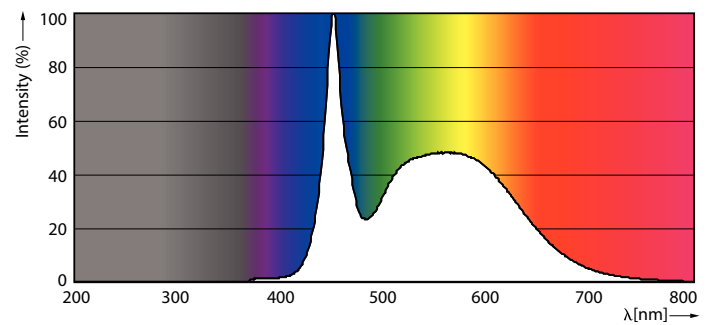
Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1200mm UO 16W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

TLED 4ft 220-240V 16-36W 2500lm6500K G13

Photometric data



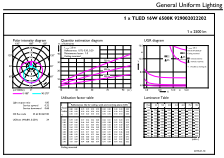
LEDtube 220-240V G13



LEDtube 220-240V G13 6500k

Master Value LEDtube T8

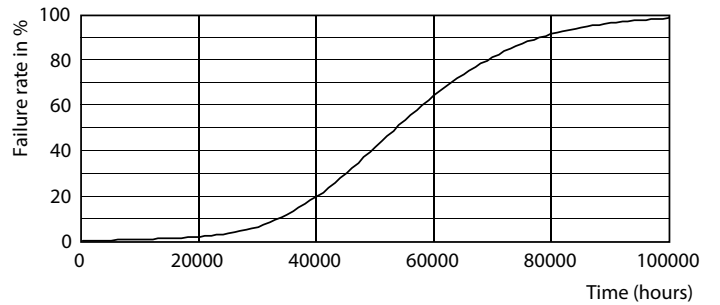
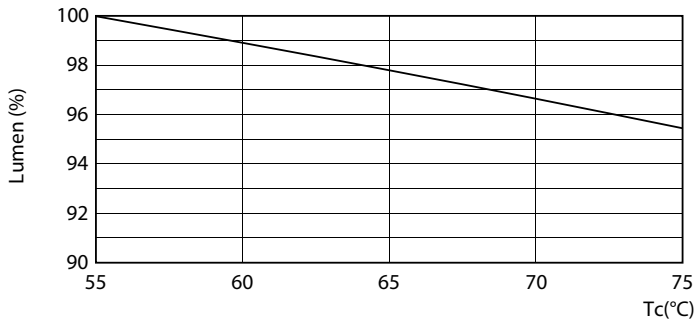
Photometric data



© 2020 Philips Lighting B.V. Page 11

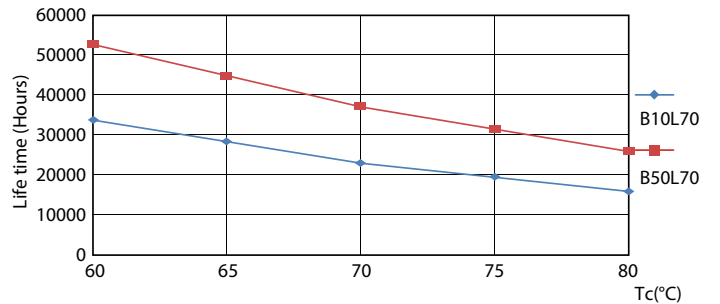
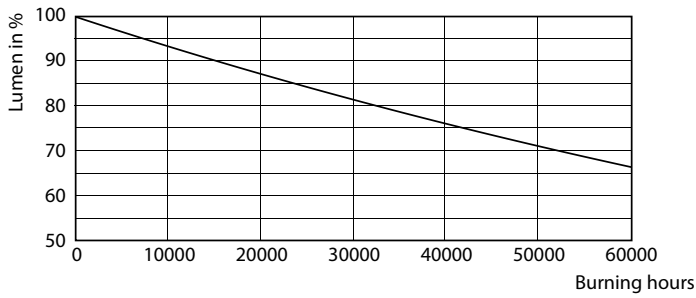
LEDtube 220-240V G13 4ft 2500lm 6500k

Lifetime



LEDtube 220-240V G13 LumenVsTc

LEDtube 220-240V G13

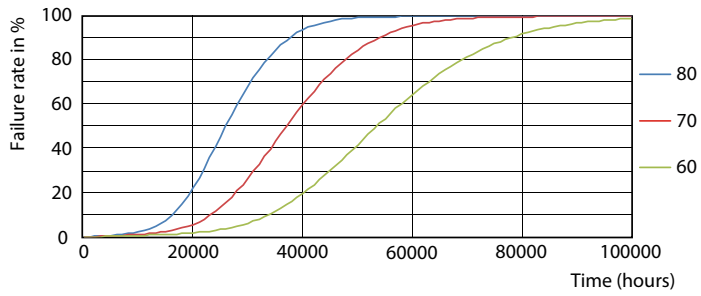


LEDtube 220-240V G13

LEDtube 220-240V G13 LifetimeVsTc

Master Value LEDtube T8

Lifetime



LEDtube 220-240V G13 FailureRate

