



Master Value LEDtube T8

MASTER LEDtube VLE 1200mm UO 16W 840 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	200,000X

Light Technical	
Colour Code	840 [CCT of 4,000 K]
Technical Beam Angle (Nom)	240 °
Lamp Luminous Flux 25°C EL (Nom)	2500 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	156.00 lm/W
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
Technical Lamp Power (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

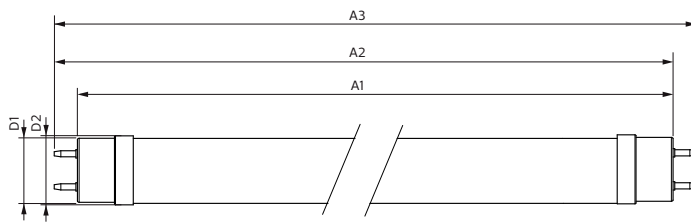
Bulb material	Glass
---------------	-------

Master Value LEDtube T8

Product length	1200 mm
Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	16 kWh
Product Data	
Full product code	871869964699800

Order product name	MASTER LEDtube VLE 1200mm UO 16W 840 T8
EAN/UPC – product	8718699646998
Order code	929002022102
Numerator – quantity per pack	1
SAP numerator – packs per outer box	10
Material no. (12 NC)	929002022102
Net Weight (Piece)	0.215 kg

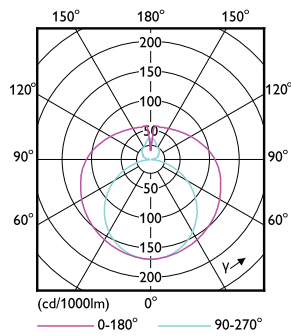
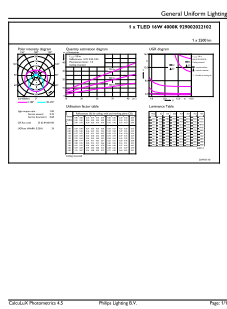
Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1200mm UO 16W 840 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

TLED 4ft 220-240V 16-36W 2500lm4000K G13

Photometric data



LEDtube 220-240V G13 4ft 2500lm 4000k

LEDtube 220-240V G13

Master Value LEDtube T8

Photometric data



LEDtube 220-240V G13 4000k

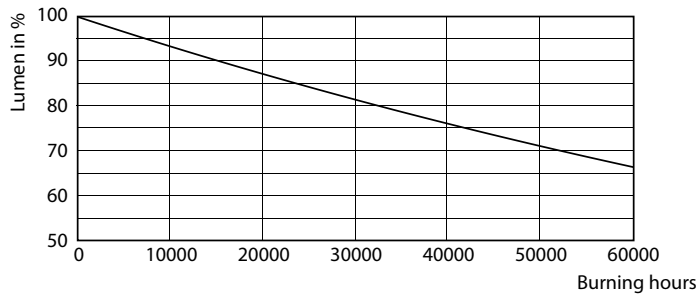
Lifetime



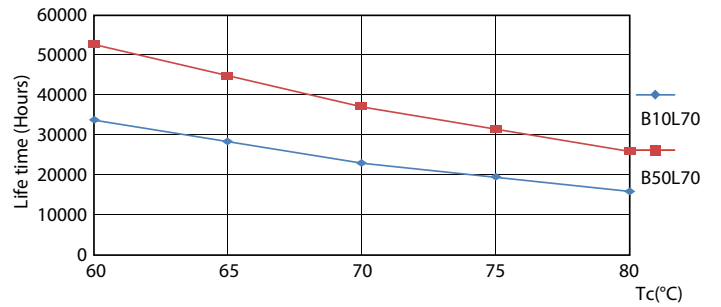
LEDtube 220-240V G13 LumenVsTc



LEDtube 220-240V G13



LEDtube 220-240V G13



LEDtube 220-240V G13 LifetimeVsTc

Master Value LEDtube T8

Lifetime



LEDtube 220-240V G13 FailureRate

