PHILIPS

Lighting

For an optimum combination of value and performance

MASTER Value T8 UltraEfficient

Welcome the new Philips MASTER Value LEDtube UltraEfficient - your solution for upgrading more price-sensitive customers to ultra-efficient LED. Thanks to the cost-effective design, high energy efficiency and long service life, the new LED tube can convince with a payback time of less than 2 months, when upgrading from fluorescent tubes.

Benefits

- Instant energy saving compared with either fluorescent or standard LED tube
- Reliable performance that lasts up to 75,000 hours
- Energy cost and CO2 savings from the start

Features

- Ultra efficiency achieve an incredible class B energy efficiency rating
- Up to 75,000 hours lifetime
- Glass platform with 190D beam angle to ensure light uniformity
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

Application

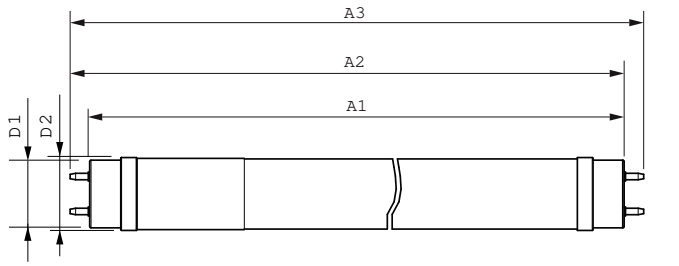
- Industry & warehouse
- Office, education & retail

MASTER Value T8 UltraEfficient

Versions

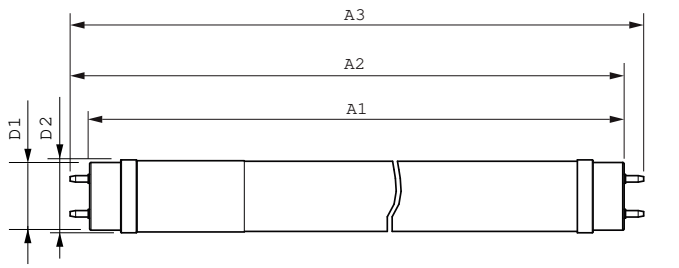
MAS LEDtube VLE UE T8 20240506 RTP

Dimensional drawing



D1	D2	A1	A2	A3
25.7mm	28mm	1500mm	1507.1mm	1514.2mm

Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1500mm UE 22.1W 840 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm



D1	D2	A1	A2	A3
25.7mm	28mm	1199.4mm	1206.5mm	1213.6mm

Product	D1	D2	A1	A2	A3
MAS LEDtube VLE 1200mm UE 14W 840 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm

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General Information	
Cap-Base	G13
Switching Cycle	200,000
Nominal lifetime	75,000 hour(s)

Light Technical	
Beam Angle (Nom)	190 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Color Code	840
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8

Approval and Application	
Ambient temperature range	-20 to +45 °C

Light Technical

Order Code	Full Product Name	Luminous Flux
929003807402	MAS LEDtube VLE 1200mm UE 14W 840 T8	2,600 lm
929003807602	MAS LEDtube VLE 1500mm UE 22.1W 840 T8	4,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929003807402	MAS LEDtube VLE 1200mm UE 14W 840 T8	14 W

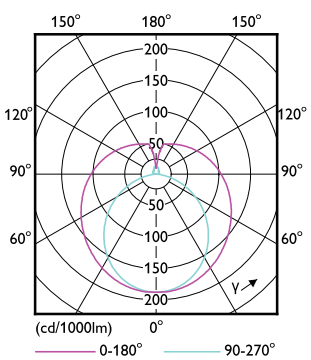
Order Code	Full Product Name	Power Consumption
929003807602	MAS LEDtube VLE 1500mm UE 22.1W 840 T8	22.1 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929003807402	MAS LEDtube VLE 1200mm UE 14W 840 T8	50 °C
929003807602	MAS LEDtube VLE 1500mm UE 22.1W 840 T8	55 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
929003807402	MAS LEDtube VLE 1200mm UE 14W 840 T8	14 kWh
929003807602	MAS LEDtube VLE 1500mm UE 22.1W 840 T8	23 kWh



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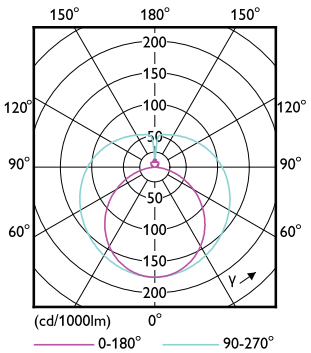

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