



MASTER LED tube T8 UltraEfficient with Recycled Plastic

MAS LEDtube 1200mm UE 11.9W 840 T8 EELA

MASTER, LEDtube, T8, EM/Mains, 1200 mm, 220-240 V, 11.9 W, 36W TL-D, 4000 K, 2500 lm, 100000 hour(s)

With energy prices rising and the EU's Green Deal continuing to fund energy efficient building renovations, many are looking into make their company's lighting more sustainable. The new Philips MASTER LEDtube UltraEfficient T8 is a true breakthrough on the way to more sustainable lighting. It replaces your current fluorescent tube or LED tube directly and offers immediately great energy cost reduction as well as a much longer lifetime!

Product data

General Information		Sustainability Data	
Cap-Base	G13 Rotatable end-cap	Luminous Efficacy (rated) (Nom)	210 lm/W
Nominal lifetime	100,000 hour(s)	Color Consistency	<6
Switching Cycle	200,000	Color rendering index (CRI)	80
Lighting Technology	LEDtube	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Photobiological safety according to EN 62471	RGO
Color Code	840 [CCT of 4000K]	Product non-virgin material ratio	26.4 %
Beam Angle (Nom)	160 degree(s)	Operating and Electrical	
Luminous Flux	2,500 lm	Input Frequency	50 to 60 Hz
Color Designation	Cool White (CW)	Power Consumption	11.9 W
Correlated Color Temperature (Nom)	4000 K		

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Lamp Current (Max)	63 mA
Lamp Current (Min)	48 mA
Wattage Equivalent	36 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	36W TL-D
Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	40 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.230 kg

Approval and Application

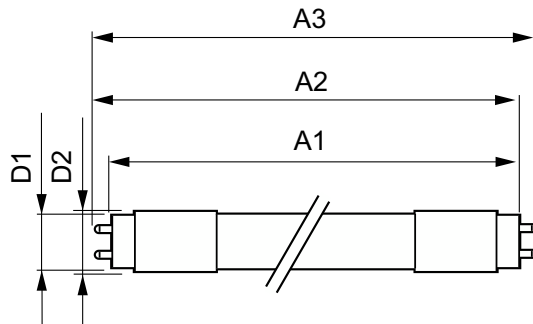
Energy Saving Product	Yes
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Approval Marks	RoHS compliance CE marking KEMA Keur certificate ENEC certificate
CE mark	Yes
EU RoHS compliant	Yes
LED Innovations	UltraEfficient
Ambient temperature range	-20 to +45 °C
Post-consumer recycled plastic material ratio	40 %

Product Data

Order product name	MAS LEDtube 1200mm UE 11.9W 840 T8 EELA
Full product name	MAS LEDtube 1200mm UE 11.9W 840 T8 EELA
Full product code	872016928170700
Order code	929003482208
Material Nr. (12NC)	929003482208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169281707
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169281714

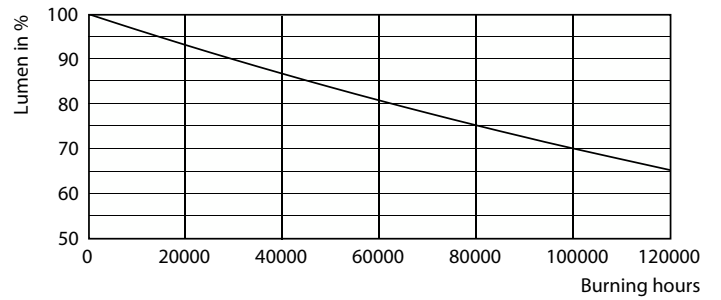
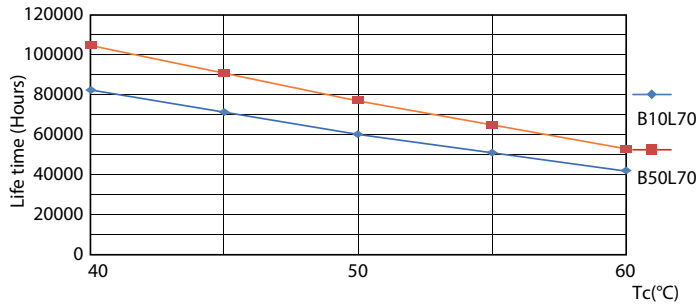
Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UE 11.9W 840 T8 EELA	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

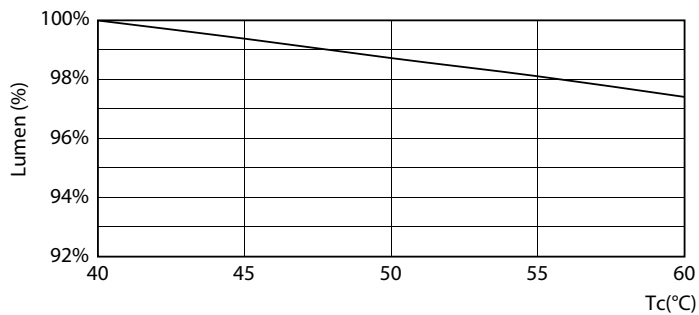
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Lifetime



LifetimeVsTc

Lumen Maintenance Diagram - MAS LEDtube 1200mm UE 11.9W 840 T8 EELA



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