PHUPS

PHILIPS Lighting

MASTER LEDtube EM/ Mains T8

MAS LEDtube 1500mm UO 21.7W 840 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. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

Warnings and Safety

• NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

Product data

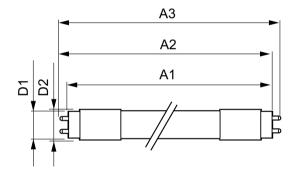
eral Information		Luminous Efficacy (rated) (Nom)	170 lm/W
Cap-Base	G13 ROT (Rotating) [Medium Bi-Pin	Color Consistency	<6
	Fluorescent]	Color rendering index (CRI)	80
Nominal lifetime	75,000 hour(s)	LLMF At End Of Nominal Lifetime (N	lom) 70 %
Switching Cycle	200,000		
Lighting Technology	LED	Operating and Electrical	
Flux measurement reference	Sphere	Line Frequency	50 to 60 Hz
		Input Frequency	50 to 60 Hz
Light Technical		Power Consumption	21.7 W
Color Code	840 [CCT of 4000K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	160 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	3,700 lumen	Power Factor (Fraction)	0.9
Color Designation	Cool White (CW)	Voltage (Nom)	220-240 V
Correlated Color Temperature (Nom)	4000 K		

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Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,500 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur
	certificate

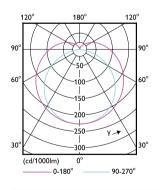
Energy Consumption kWh/1000 h	22 kWh
EPREL Registration Number	1,206,977
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871951431664500
Order product name	MAS LEDtube 1500mm UO 21.7W 840 T8
Order code	929002998602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002998602
Full product name	MAS LEDtube 1500mm UO 21.7W 840 T8
EAN/UPC - Case	8719514316652

Dimensional drawing



Product D1 D2 A1 A2 A3 MAS LEDtube 1500mm UO 21.7W 25.8 mm 28 mm 1,498.8 mm 1,505.9 mm 1,513 mm 840 T8 28 mm 1,498.8 mm 1,505.9 mm 1,513 mm

Photometric data

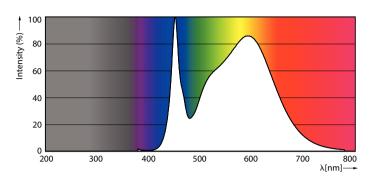


Light Distribution Diagram - MAS LEDtube 1500mm UO 21.7W 840 T8

	1 x TLED 21.TW 4008K 929082998
	1 x 3701
	Version and April 1997 View of the second se
APART IN APA	

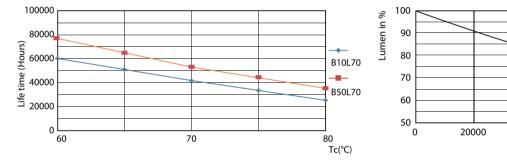
MASTER LEDtube EM/Mains T8

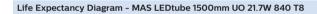
Photometric data

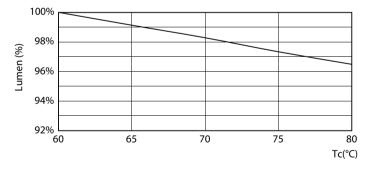


Spectral Power Distribution Colour - MAS LEDtube 1500mm UO 21.7W 840 T8

Lifetime

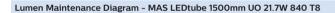


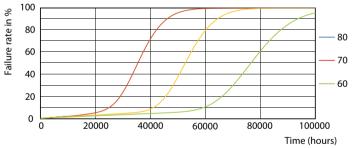






100 90 80 70 60 50 0 2000 4000 6000 8000 10000 Burning hours

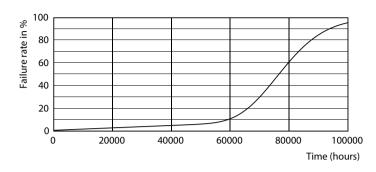




Life Expectancy Diagram - MAS LEDtube 1500mm UO 21.7W 840 T8

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Lifetime



Life Expectancy Diagram - MAS LEDtube 1500mm UO 21.7W 840 T8



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