



Other LED tube

MAS LEDtube VLE DC 1200mm 15.5W 865 T8

MASTER Value, LEDtube, T8, DC, 1200 mm, 24-34 V, 15.5 W, 36W TL-D, 6500 K, 2300 lm, 50000 hour(s)

Philips LEDtube integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplampping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

Product data

General Information		Input Frequency	
Cap-Base	G13	Input Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Power Consumption	15.5 W
Switching Cycle	50,000	Lamp Current (Nom)	570 mA
Lighting Technology	LEDtube	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	24-34 V
		LED alternative to fluorescent lamp power	36W TL-D
		Ballast Compatibility	DC
Light Technical		Temperature	
Color Code	865 [CCT of 6500K]	T-Case Maximum (Nom)	45 °C
Beam Angle (Nom)	240 degree(s)		
Luminous Flux	2,300 lm	Controls and Dimming	
Color Designation	Cool Daylight	Dimmable	No
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	148 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	82	Bulb Material	Glass
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.170 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

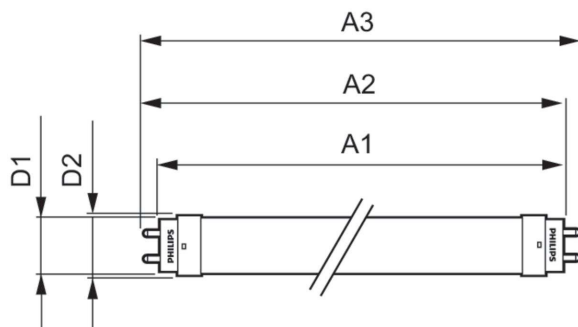
Application Conditions

Wireless Technology	Not applicable
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Product Data

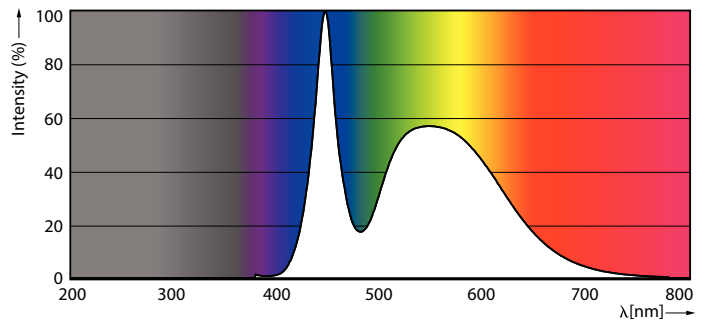
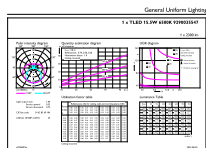
Order product name	MAS LEDtube VLE DC 1200mm 15.5W 865 T8
Full product name	MAS LEDtube VLE DC 1200mm 15.5W 865 T8
Full product code	871951446725500
Order code	929003554721
Material Nr. (12NC)	929003554721
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514467255
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514467262

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube VLE DC 1200mm 15.5W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data

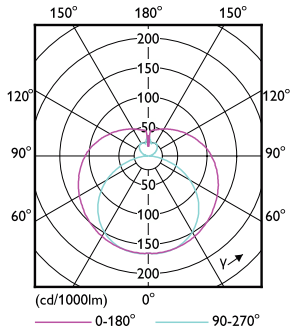


General uniform lighting - MAS LEDtube VLE DC 1200mm 15.5W 865 T8

Spectral Power Distribution Colour - MAS LEDtube VLE DC 1200mm 15.5W 865 T8

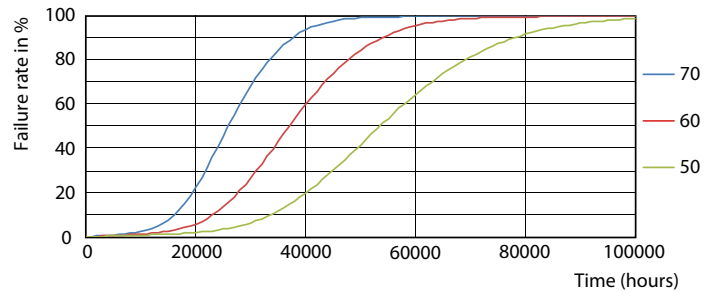
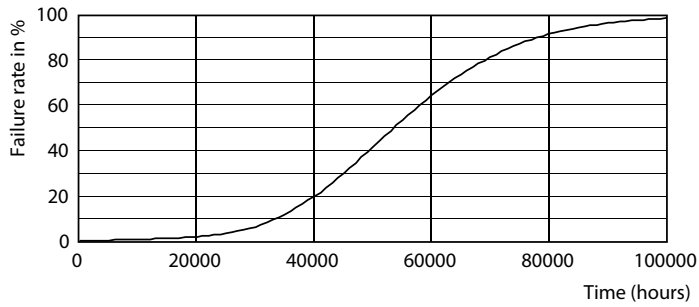
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Photometric data

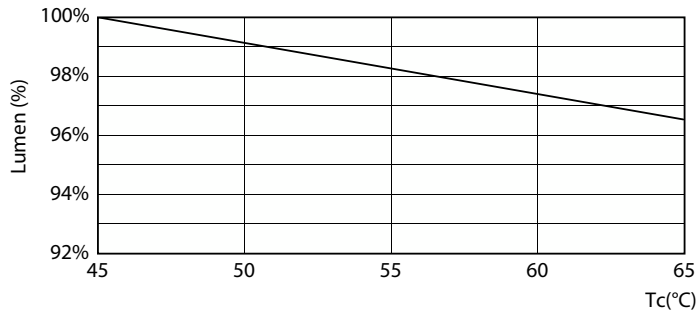


Light Distribution Diagram - MAS LEDtube VLE DC 1200mm 15.5W 865 T8

Lifetime

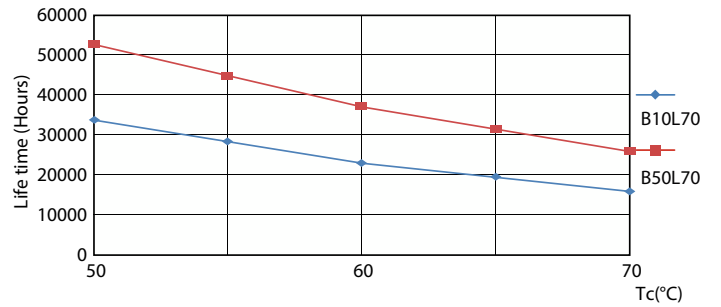


Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDtube VLE DC 1200mm 15.5W 865 T8

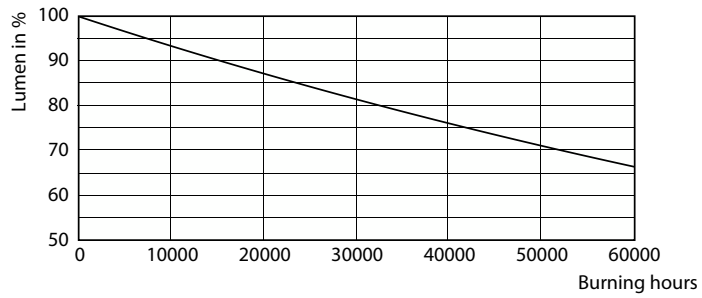
FailureRate



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - MAS LEDtube VLE DC 1200mm 15.5W 865 T8

