



Specialty LED tube

MAS LEDtube Spectrum 1200mm 1500lm

LEDtube, T8, Single-ended, 1200 mm, 100-277 V, 14 W, 36W TL-D, 2200 K, 1500 lm, 50000 hour(s)

LEDtube, T8, Single-ended, 1200 mm, 100-277 V, 14 W, LED alternative to 36W TL-D, 2200 K, 1500 lm, 50000 hour(s), 107 lm/W, G13, Beam angle 160 degree(s), 1200 mm, SDCM 6, PF 0.9, IP20

Product data

General Information		Lamp Current (Max)	
Cap-Base	G13		150 mA
Nominal lifetime	50,000 hour(s)	Lamp Current (Min)	55 mA
Switching Cycle	200,000	Wattage Equivalent	36 W
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)	100-277 V
		LED alternative to fluorescent lamp power	36W TL-D
Light Technical		Temperature	
Color Code	2200	T-Case Maximum (Nom)	55 °C
Beam Angle (Nom)	160 degree(s)		
Luminous Flux	1,500 lm	Controls and Dimming	
Color Designation	2200	Dimmable	No
Correlated Color Temperature (Nom)	2200 K		
Luminous Efficacy (rated) (Nom)	107 lm/W	Mechanical and Housing	
Color Consistency	<6	Product Length	1,200 mm
Color rendering index (CRI)	-	Bulb Shape	T8
LLMF At End Of Nominal Lifetime (Nom)	70 %	Net Weight (Piece)	0.245 kg
Operating and Electrical			
Input Frequency	50 to 60 Hz		
Power Consumption	14 W		

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Approval and Application

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

Application Conditions

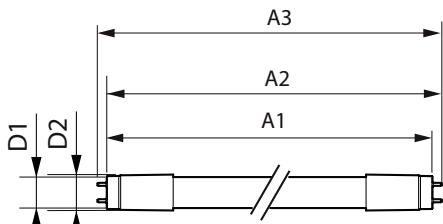
Wireless Technology	Not applicable
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Product Data

Order product name	MAS LEDtube Spectrum 1200mm 1500lm
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Full product name	MAS LEDtube Spectrum 1200mm 1500lm
Full product code	871869678030500
Order code	929001826408
Material Nr. (12NC)	929001826408
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696780305
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696780312

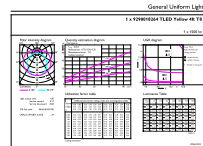
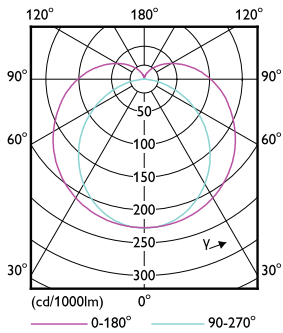
Dimensional drawing



D1	D2	A1	A2	A3
25.8mm	28mm	1199.4mm	1206.5mm	1213.6mm

Product	D1	D2	A1	A2	A3
MAS LEDtube Spectrum 1200mm 1500lm	25.8 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm

Photometric data

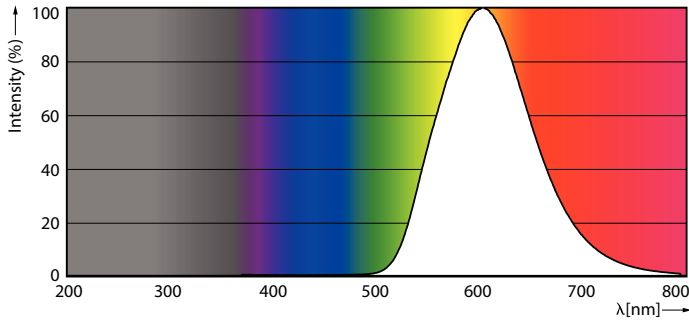


Light Distribution Diagram - MAS LEDtube Spectrum 1200mm 1500lm

General uniform lighting - MAS LEDtube Spectrum 1200mm 1500lm

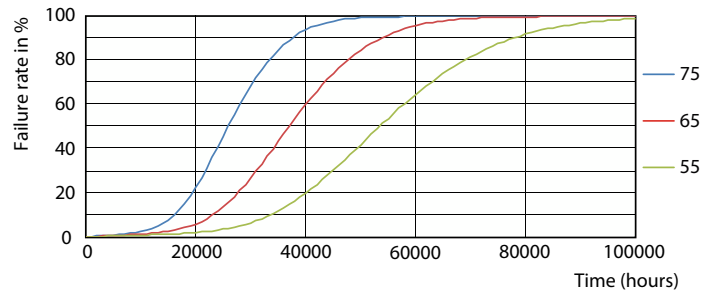
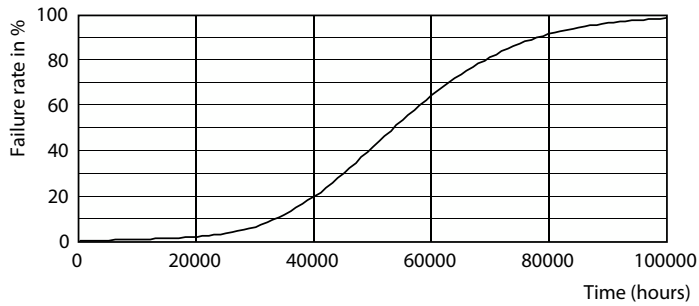
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Photometric data

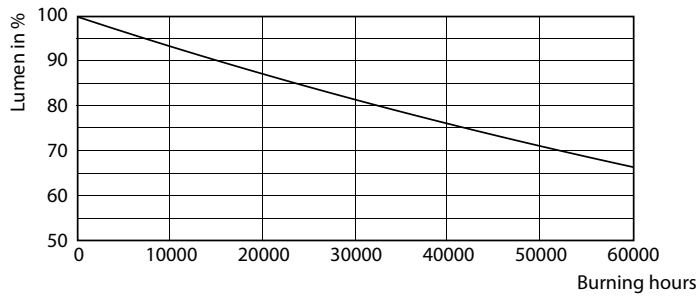


Spectral Power Distribution Colour - MAS LEDtube Spectrum 1200mm 1500lm

Lifetime

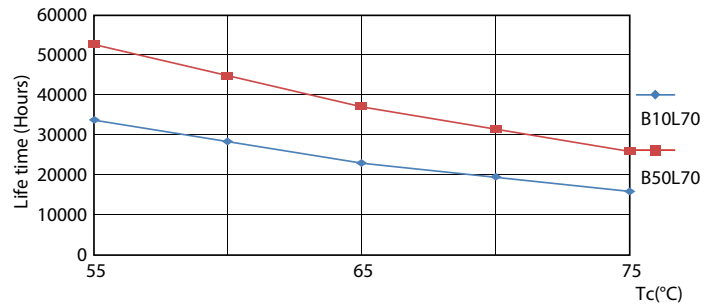


Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDtube Spectrum 1200mm 1500lm

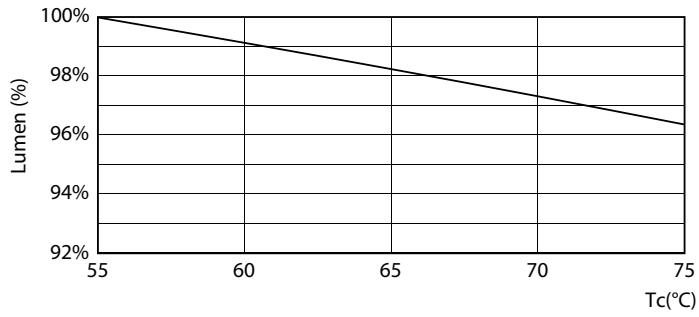
FailureRate



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - MAS LEDtube Spectrum 1200mm 1500lm

