



MasterConnect LEDtube EM/Mains T8

MAScon LEDtube IA 1200mm UO 16.5W840 T8

Philips MasterConnect LEDtube EM/Mains T8 means easy upgrade to a connected lighting system. Its 2.4GHz mesh networking technology enables wireless integration with a variety of control devices, such as sensor and switch. The result? Even more energy saving and enhanced flexibility in your space. Through dimming, occupancy sensing and/or daylight harvesting, lamps deliver 50% or more energy saving thanks to MasterConnect technology.

Product data

General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	16.5 W
Lighting Technology	LED	Lamp Current (Max)	76 mA
EU RoHS compliant	Yes	Lamp Current (Min)	69 mA
		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
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	160 degree(s)	T-Case Maximum (Nom)	45 °C
Luminous Flux	2,500 lm		
Color Designation	Cool White (CW)	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	Dimmable	Wireless Dim
Luminous Efficacy (rated) (Nom)	151.52 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	83		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Mechanical and Housing

Product Length	1,200 mm
Bulb Shape	Tube, double-ended

Approval and Application

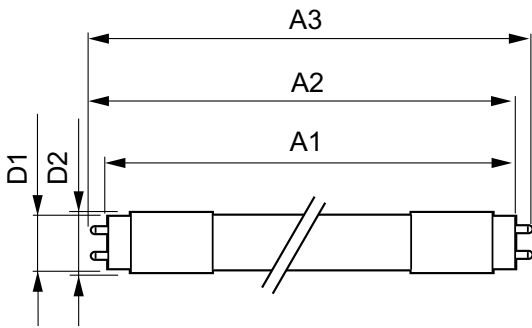
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	17 kWh

Product Data

Order product name	MAScon LEDtube IA 1200mm UO 16.5W840 T8
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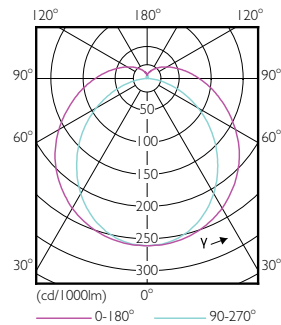
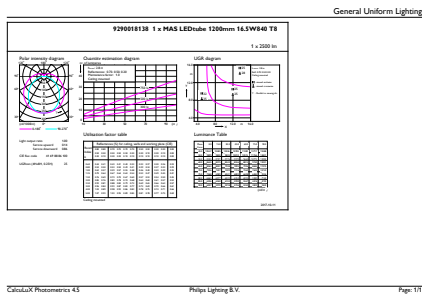
Full product name	MAScon LEDtube IA 1200mm UO 16.5W840 T8
Full product code	694793914362700
Order code	929001813810
Material Nr. (12NC)	929001813810
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947939143627
Numerator - Packs per outer box	10
EAN/UPC - Case	6947939143634

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAScon LEDtube IA 1200mm UO 16.5W840 T8	25.7 mm	28 mm	1,199.4 mm	1,205.3 mm	1,212.4 mm

Photometric data

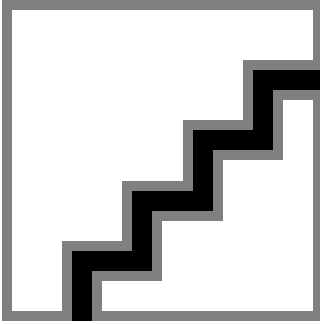


General uniform lighting - MAScon LEDtube IA 1200mm UO 16.5W840 T8

Light Distribution Diagram - MAScon LEDtube IA 1200mm UO 16.5W840 T8

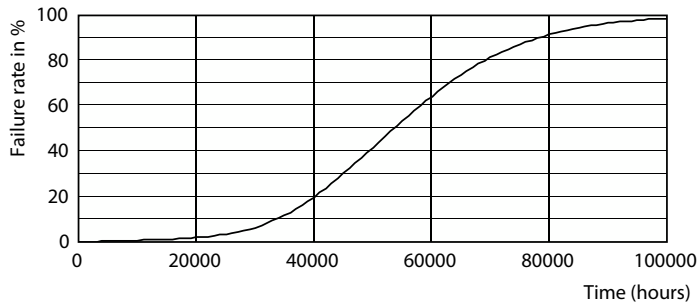
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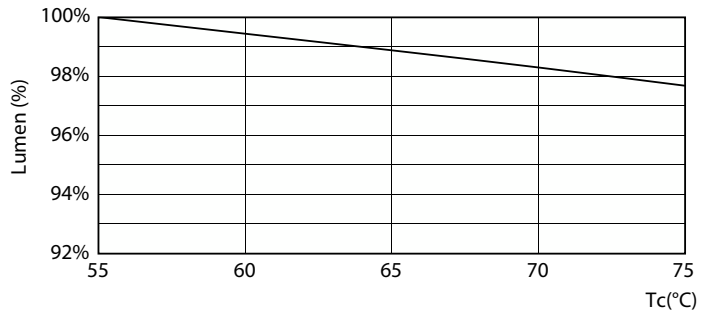
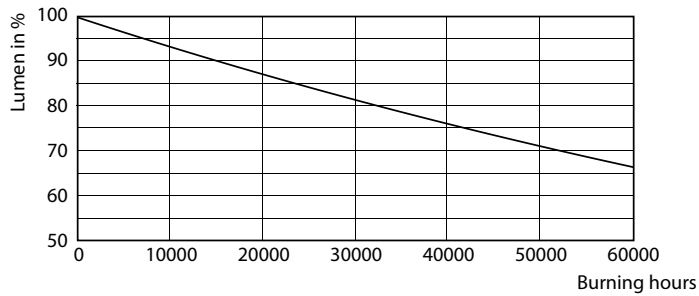
Spectral Power Distribution Colour - MAScon LEDtube IA 1200mm UO 16.5W840 T8

Lifetime



Life Expectancy Diagram - MAScon LEDtube IA 1200mm UO 16.5W840 T8

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Lumen Maintenance Diagram - MAScon LEDtube IA 1200mm UO 16.5W840 T8

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