



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

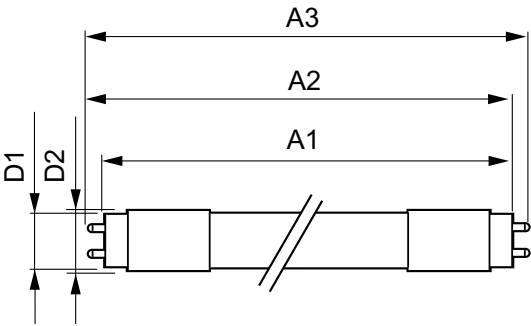
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	200,000	Power Consumption	16.5 W
Connectivity	Interact Ready	Lamp Current (Max)	76 mA
Lighting Technology	LED	Lamp Current (Min)	69 mA
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Color Code	840 [CCT of 4000K]	Power Factor (Fraction)	0.9
Beam Angle (Nom)	160 degree(s)	Voltage (Nom)	220-240 V
Luminous Flux	2,500 lm	Temperature	
Color Designation	Cool White (CW)	Ambient temperature range	-20 °C to 45 °C
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	45 °C
Luminous Efficacy (rated) (Nom)	151.52 lm/W	Controls and Dimming	
Color Consistency	<6	Dimmable	Wireless Dim
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	T8
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

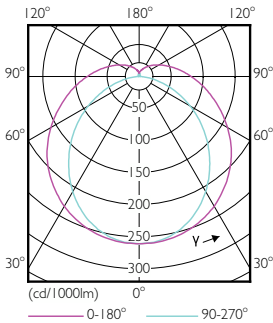
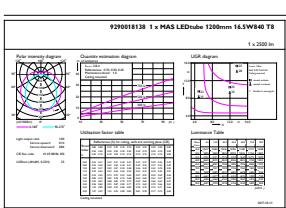
Full product name	MAScon LEDtube IA 1200mm UO 16.5W840 T8
Full product code	871869677344400
Order code	929001813802
Material Nr. (12NC)	929001813802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696773444
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696773451

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

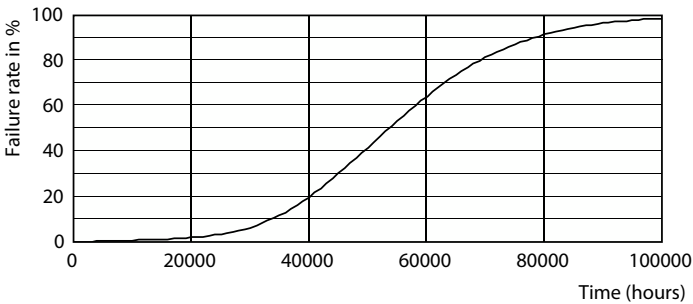
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Photometric data

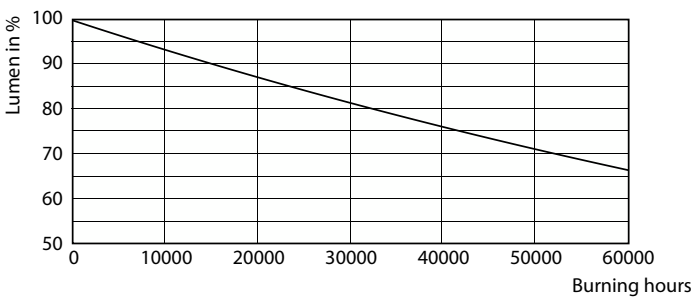


Spectral Power Distribution Colour - MAScon LEDtube IA 1200mm UO 16.5W840 T8

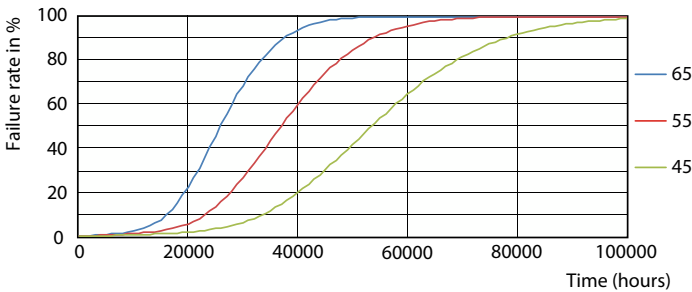
Lifetime



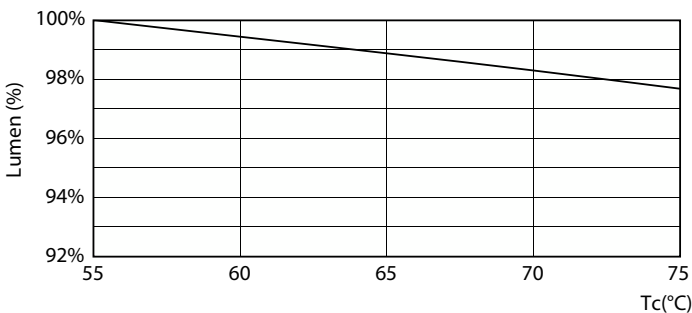
Life Expectancy Diagram - MAScon LEDtube IA 1200mm UO 16.5W840 T8



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



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Lifetime



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