

MasterConnect LEDtube EM/Mains T8

MASTERConnect 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000X
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2500 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz

Power (Nom)	16.5 W
Lamp Current (Max)	76 mA
Lamp Current (Min)	69 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	45 °C

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Controls and Dimming

Dimmable	Wireless Dim
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Mechanical and Housing

Product Length	1200 mm
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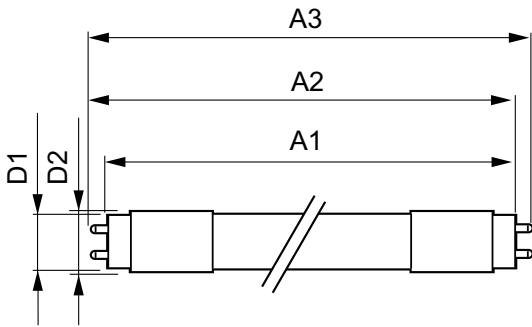
Approval and Application

Energy Efficiency Label (EEL)	A++
Energy Saving Product	Yes
Approval Marks	TUV CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	17 kWh

Product Data

Full product code	694793914362700
Order product name	MASTERConnect LEDtube IA 1200mm UO 16.5W840 T8
EAN/UPC - Product	6947939143627
Order code	929001813810
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001813810
Net Weight (Piece)	0.251 kg

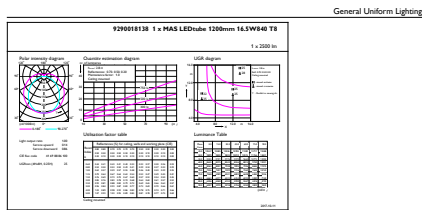
Dimensional drawing



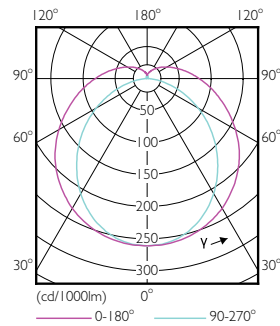
TLED 1200mm 16.5W 2500lm 4000K G13 D

Product	D1	D2	A1	A2	A3
MASTERConnect LEDtube	25.7	28 mm	1199.4	1205.3	1212.4
IA 1200mm UO 16.5W840 T8	mm		mm	mm	mm

Photometric data



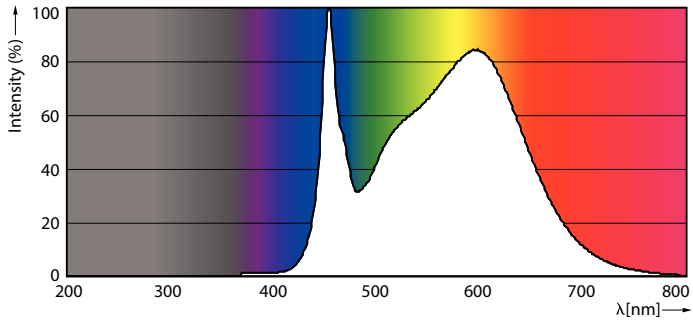
16-5W G13 840 4000K



16-5W G13 830 3000K

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Photometric data

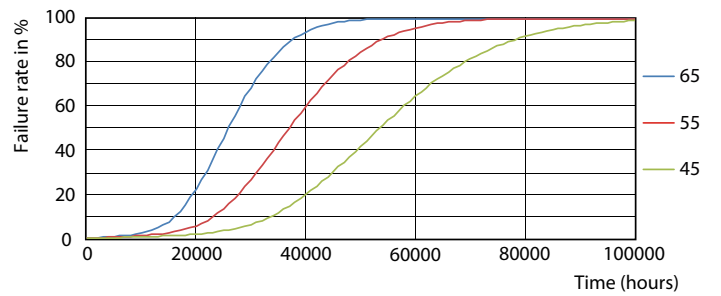


16-5W G13

Lifetime



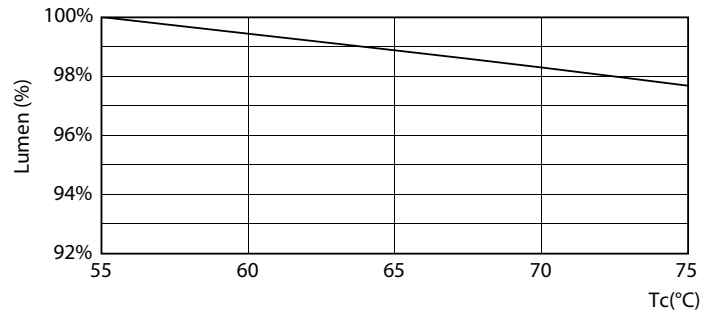
16-5W G13



16-5W G13



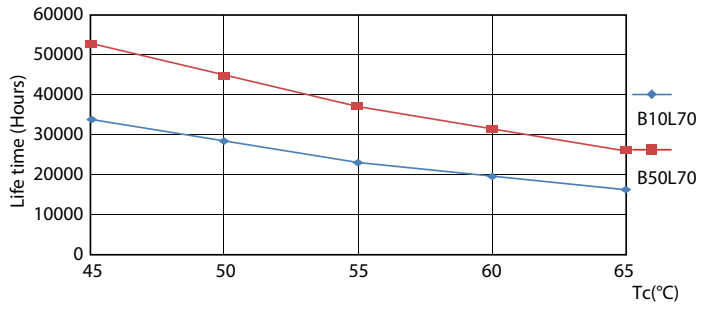
16-5W G13



16-5W G13

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Lifetime



16-5W G13

