

MasterConnect LEDtube EM/mains T8

MasterConnect LEDtube IA 600mm HO 7W865 T8 BR

Introducing MasterConnect LEDtubes - smart retrofit LED T8 lamps that give you an easy and seamless way to upgrade to connected lighting. Simply set up with an intuitive app and MasterConnect LED tube lighting can be programmed to maximize energy savings, while providing wireless and automated light for your comfort and convenience. What's more, it is fully scalable and upgradable. If you want to enjoy additional benefits such as remote control or a management dashboard, you can simply keep the lamps you currently have installed and add a gateway to experience all the advantages of a cloud-based system. There's no better way to take lighting solutions to the next level.

Product data

General information		Color Consistency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Consistency	<6
EU RoHS compliant	Yes	Color Rendering Index (Nom)	83
Nominal Lifetime (Nom)	25000 h	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	200000X	Operating and electrical	
Technical Type	7-18W	Input Frequency	50 to 60 Hz
Light technical		Power (Nom)	7 W
Color Code	865 [CCT of 6500K]	Lamp Current (Max)	37 mA
Beam Angle (Nom)	160 °	Lamp Current (Min)	34 mA
Luminous Flux (Nom)	1050 lm	Starting Time (Nom)	0.5 s
Color Designation	Cool Daylight	Warm Up Time to 60% Light (Nom)	0.5 s
Correlated Color Temperature (Nom)	6500 K	Power Factor (Nom)	0.92
Luminous Efficacy (rated) (Nom)	150.00 lm/W	Voltage (Nom)	220-240 V

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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)	40 °C

Controls and dimming

Dimmable	Wireless Dim
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Mechanical and housing

Product Length	600 mm
Bulb Shape	Tube, double-ended

Approval and application

Energy Saving Product	Yes
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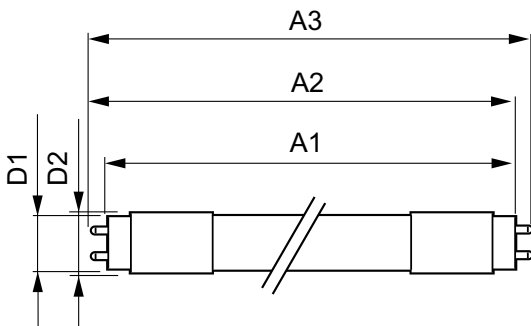
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
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Energy Consumption kWh/1000 h	7 kWh
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Product data

Full product code	871869973581400
Order product name	MasterConnect LEDtube IA 600mm HO 7W865 T8 BR
EAN/UPC - Product	8718699735814
Order code	929002295412
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002295412
Net Weight (Piece)	0.115 kg

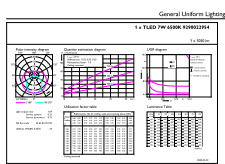
Dimensional drawing



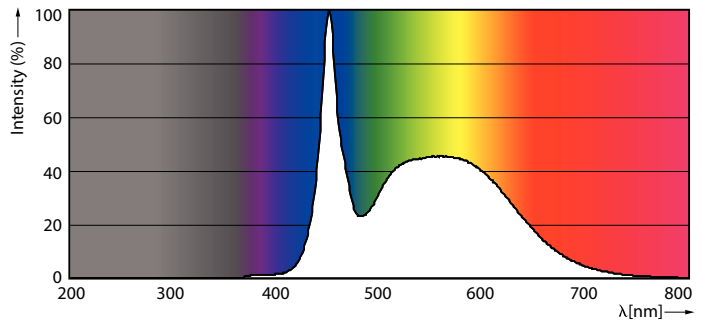
MasterConnect LEDtube IA 600mm HO 7W865 T8 BR

Product	D1	D2	A1	A2	A3
MasterConnect LEDtube IA 600mm HO 7W865 T8 BR	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



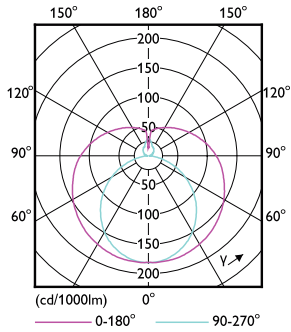
MC LEDtube 7W G13 1050lm 865



MC LEDtube G13 865

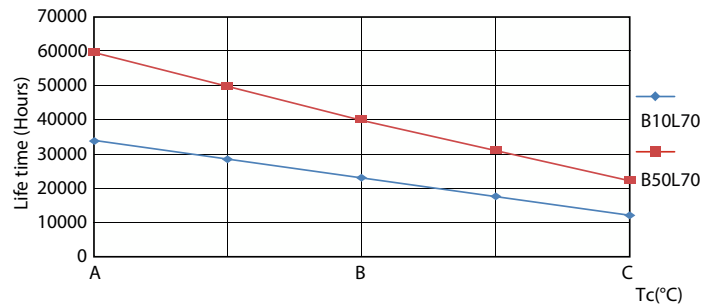
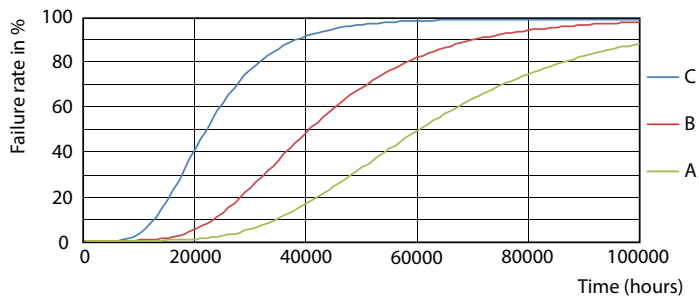
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Photometric data



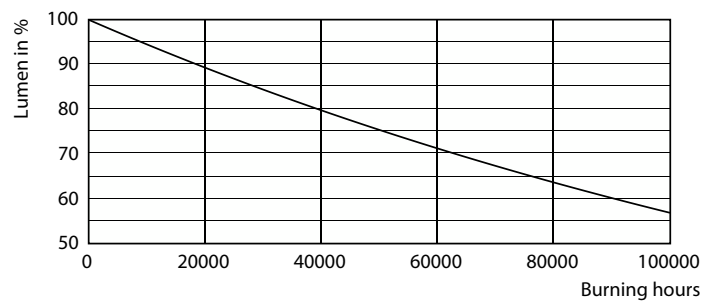
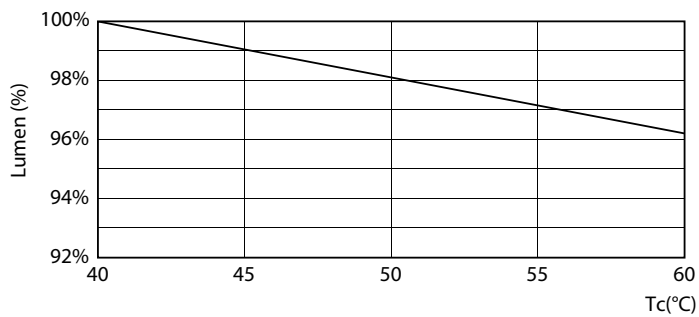
MC LEDtube G13

Lifetime



FailureRate

LifetimeVsTc



MC LEDtube 7W 60K LumenVsTc

Lumen Maintenance Diagram

MasterConnect LEDtube EM/mains T8

Lifetime



Life Expectancy Diagram

