

MasterConnect LEDtube EM/mains T8

MasterConnect LEDtube IA 600mm HO 7W865 T8

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 maximise 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		Colour Rendering Index,horiz (Nom)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		83
EU RoHS compliant	Yes	LLMF at end of nominal lifetime (nom.) 70 %	
Nominal lifetime (nom.)	60000 h	Operating and Electrical	
Switching cycle	200,000X	Input frequency	50 to 60 Hz
Technical type	7-18W	Power (Rated) (Nom)	7 W
	Sphere	Lamp current (max.)	37 mA
		Lamp current (min.)	34 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
Light Technical		Temperature	
Colour Code	865 [CCT of 6,500 K]	T-ambient (max.)	45 °C
Technical Beam Angle (Nom)	160 °	T-ambient (min.)	-20 °C
Lamp Luminous Flux 25°C EL (Nom)	1050 lm		
Colour Designation	Cool Daylight		
Colour Temperature, horizontal (Nom)	6500 K		
Lamp Luminous Efficacy EM (Nom)	150.00 lm/W		
Colour consistency	<6		

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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

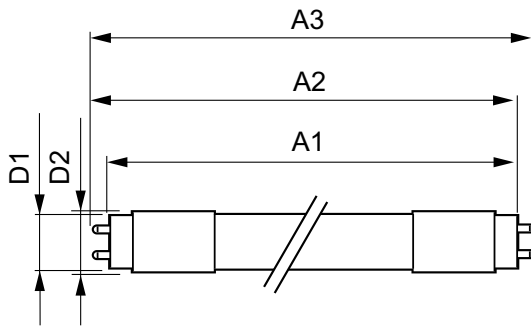
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	7 kWh
	406207

Product Data

Full product code	871869971750600
Order product name	MasterConnect LEDtube IA 600mm HO 7W865 T8
EAN/UPC – product	8718699717506
Order code	929002295402
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002295402
SAP net weight (piece)	0.150 kg

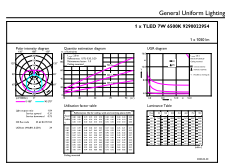
Dimensional drawing



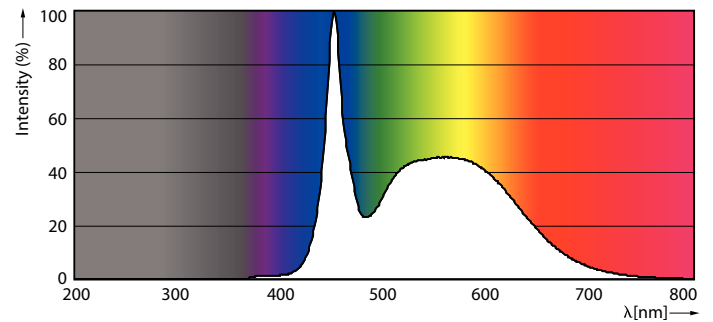
MasterConnect LEDtube IA 600mm HO 7W865 T8

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

Photometric data



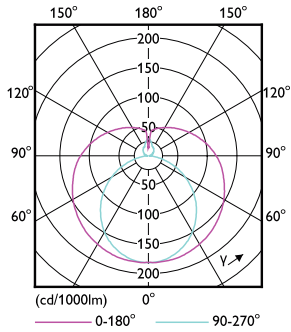
MC LEDtube 7W G13 1050lm 865



MC LEDtube G13 865

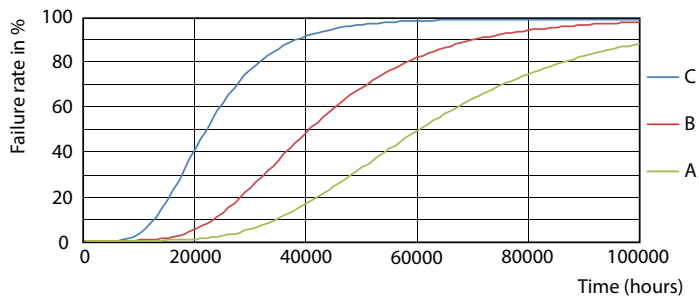
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Photometric data

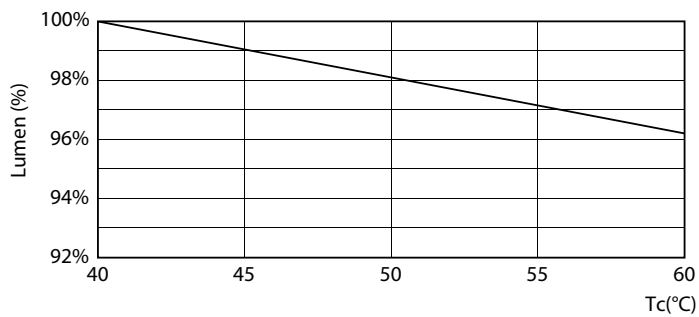


MC LEDtube G13

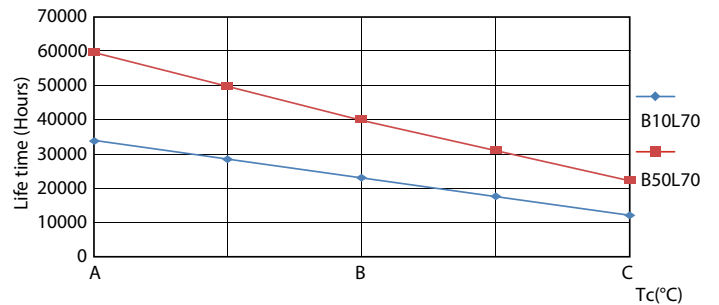
Lifetime



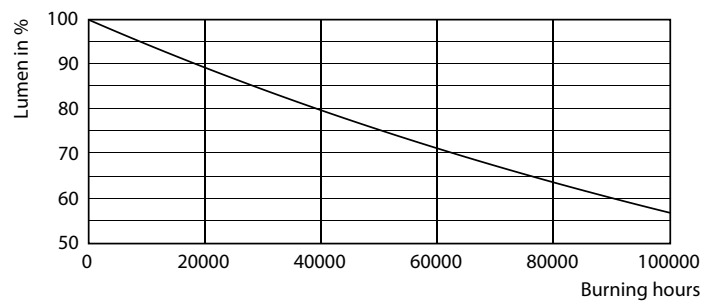
FailureRate



MC LEDtube 7W 60K LumenVsTc



LifetimeVsTc



Lumen Maintenance Diagram

MasterConnect LEDtube EM/mains T8

Lifetime



Life Expectancy Diagram

