



MasterConnect LEDtube EM/mains T8



MasterConnect LEDtube IA 600mm HO 7W865 T8

Introducing MasterConnect LED lamps – smart retrofit LED lamps that give you an easy and seamless way to upgrade to connected lighting. Simply set up with an intuitive app, MasterConnect LED lamps 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 further benefits, such as remote control or management dashboard, you can simply keep the currently installed lamps 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

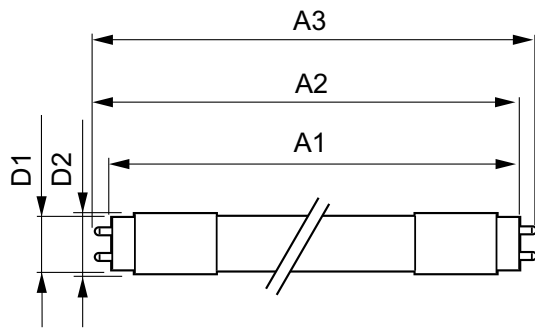
General Information		Colour rendering index (nom.)		83
Cap base	G13 [Medium Bi-Pin Fluorescent]	LLMF at end of nominal lifetime (nom.)		70 %
EU RoHS compliant	Yes	Operating and Electrical		
Nominal lifetime (nom.)	60000 h	Input frequency	50 to 60 Hz	
Switching cycle	200,000X	Power (Rated) (Nom)	7 W	
Technical type	7-18W	Lamp current (max.)	37 mA	
	Sphere	Lamp current (min.)	34 mA	
Light Technical		Starting time (nom.)	0.5 s	
Colour Code	865 [CCT of 6,500 K]	Warm-up time to 60% light (nom.)	0.5 s	
Beam Angle (Nom)	160 °	Power factor (nom.)	0.9	
Luminous flux (nom.)	1050 lm	Voltage (Nom)	220-240 V	
Colour designation	Cool Daylight	Temperature		
Correlated Colour Temperature (Nom)	6500 K	T-ambient (max.)	45 °C	
Luminous efficacy (rated) (nom.)	150.00 lm/W	T-ambient (min.)	-20 °C	
Colour consistency	<6			

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T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	40 °C
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 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	71750600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002295402
SAP net weight (piece)	0.150 kg

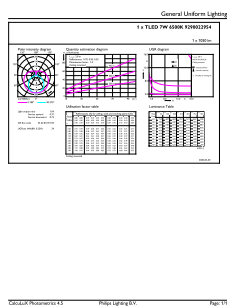
Dimensional drawing



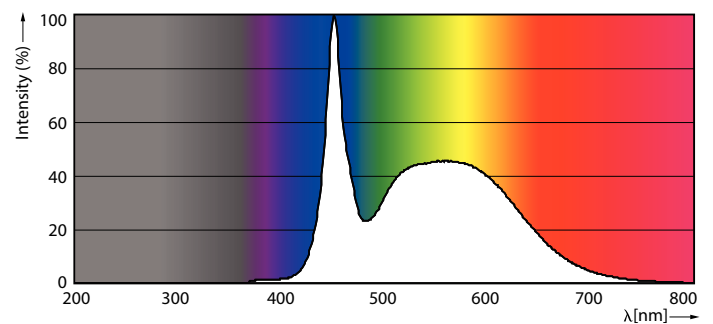
TLED T8 220-240V 7-18W 1050lm 6500K G13

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



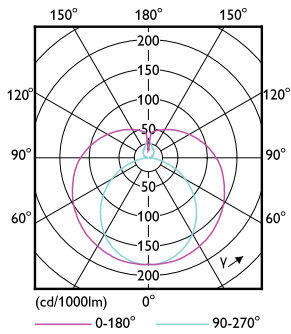
MC LEDtube 7W G13 1050lm 865



MC LEDtube G13 865

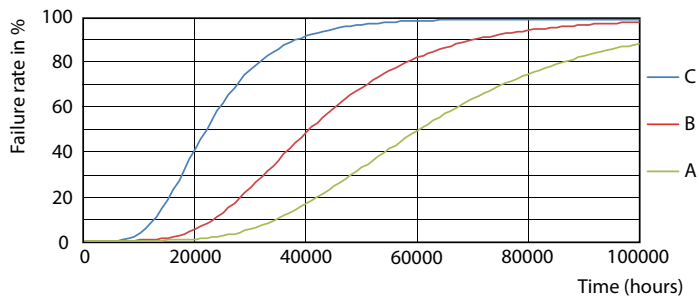
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Photometric data

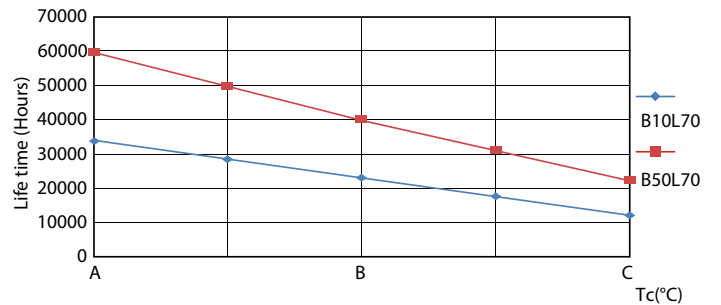


MC LEDtube G13

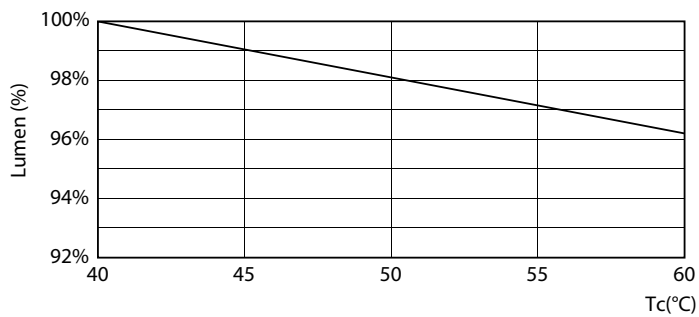
Lifetime



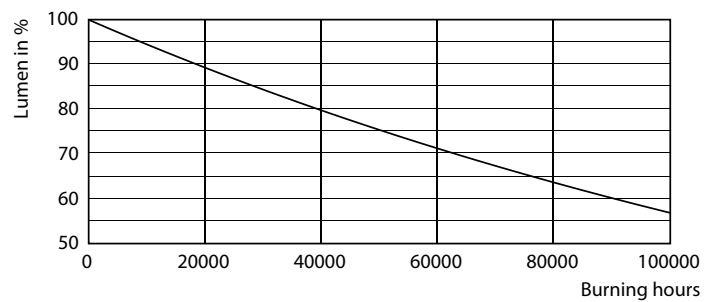
LEDtube_60K_FailureRate



LEDtube_60K_LifetimeVsTc



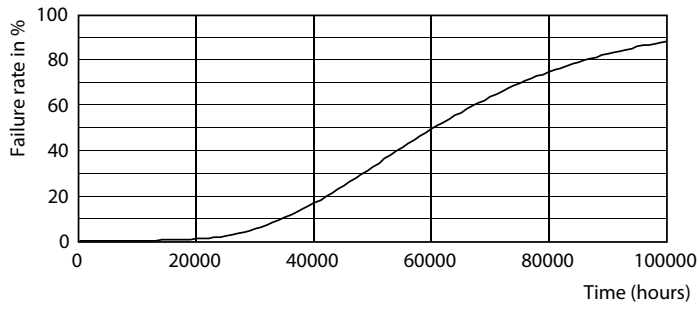
MC LEDtube 7W 60K LumenVsTc



LEDtube_60K

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Lifetime



LEDtube_60K

