

# 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

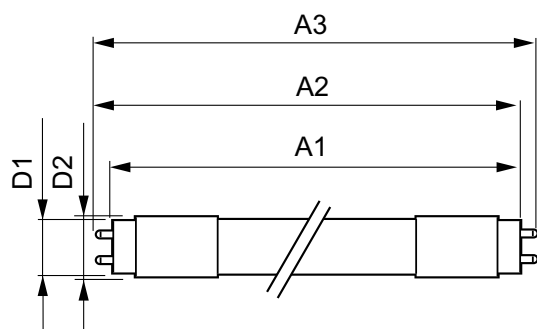
General Information	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	60000 h
Switching cycle	200,000X
Technical type	7-18W
	Sphere
Light Technical	
Colour Code	865 [ CCT of 6,500 K]
Beam Angle (Nom)	160 °
Luminous flux (nom.)	1050 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	150.00 lm/W
Colour consistency	<6

Colour rendering index (nom.)	83
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	7 W
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
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C

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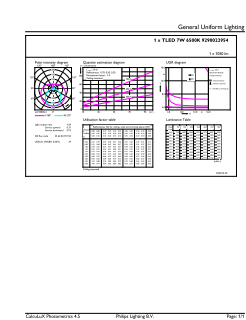
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	40 °C
<b>Controls and Dimming</b>	
Dimmable	Wireless Dim
<b>Mechanical and Housing</b>	
Product length	600 mm
Bulb shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Efficiency Class	D
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate

## Dimensional drawing



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

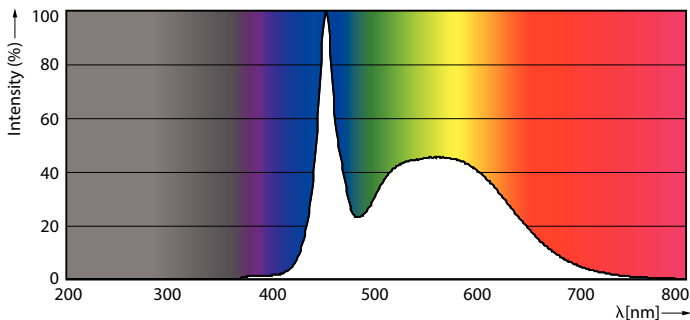
## Photometric data



MC LEDtube 7W G13 1050lm 865

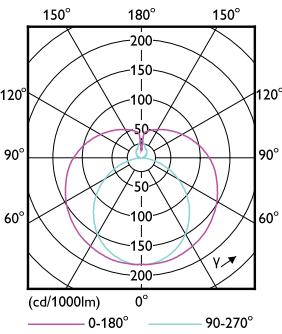
Energy consumption kWh/1,000 hours	7 kWh
	406207
<b>Product Data</b>	
Full product code	871869971750600
Order product name	MasterConnect LEDtube IA 600mm HO 7W865 T8
EAN/UPC – product	8718699717506
Order code	71750600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002295402
SAP net weight (piece)	0.150 kg

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



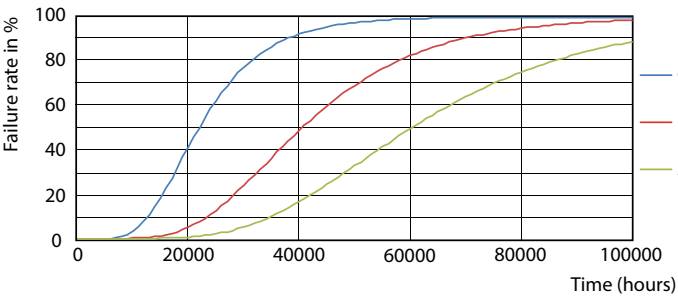
MC LEDtube G13 865

Photometric data

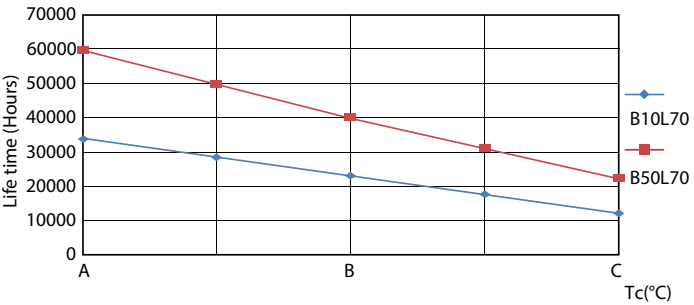


MC LEDtube G13

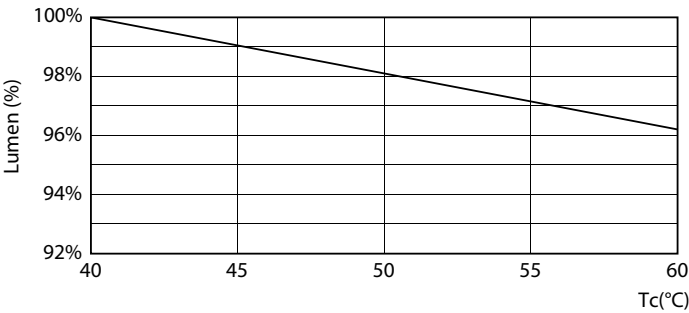
Lifetime



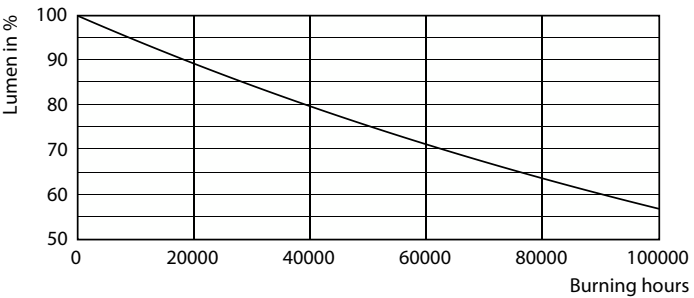
LEDtube\_60K\_FailureRate



LEDtube\_60K\_LifetimeVsTc



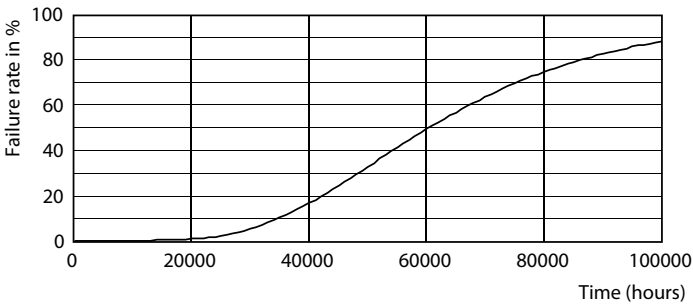
MC LEDtube 7W 60K LumenVsTc



LEDtube\_60K

MasterConnect LEDtube EM/mains T8

Lifetime



LEDtube\_60K

