

# MasterConnect LEDtube EM/mains T8



## MasterConnect LEDtube IA 1500mm UO 25W840 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

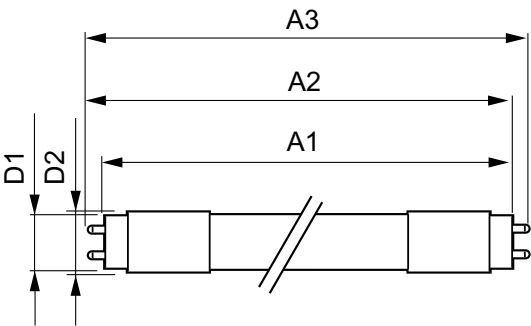
General Information		Luminous efficacy (rated) (nom.)	148.00 lm/W
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Colour consistency	<6
EU RoHS compliant	Yes	Colour rendering index (nom.)	83
Nominal lifetime (nom.)	60000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching cycle	200,000X	Operating and Electrical	
Technical type	25-58W	Input frequency	50 to 60 Hz
	Sphere	Power (Rated) (Nom)	25 W
Light Technical		Lamp current (max.)	117 mA
Colour Code	840 [ CCT of 4,000 K]	Lamp current (min.)	108 mA
Beam Angle (Nom)	160 °	Starting time (nom.)	0.5 s
Luminous flux (nom.)	3700 lm	Warm-up time to 60% light (nom.)	0.5 s
Colour designation	Cool White (CW)	Power factor (nom.)	0.9
Correlated Colour Temperature (Nom)	4000 K		

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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.)	65 °C
Controls and Dimming	
Dimmable	Wireless Dim
Mechanical and Housing	
Product length	1500 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	25 kWh 406202
Product Data	
Full product code	871869966976800
Order product name	MasterConnect LEDtube IA 1500mm UO 25W840 T8
EAN/UPC – product	8718699669768
Order code	66976800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002210802
SAP net weight (piece)	0.450 kg

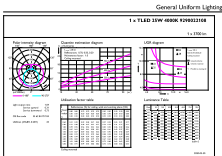
Dimensional drawing



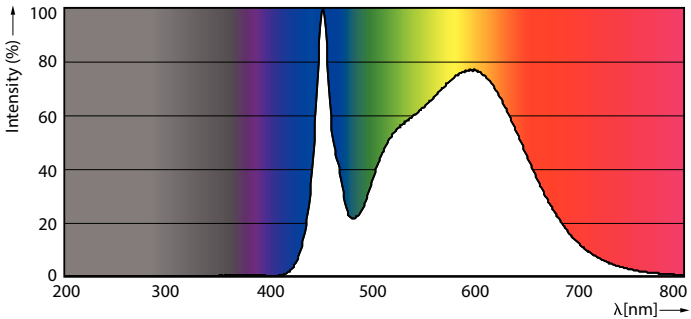
TLED 5ft 230V 25.5-58W 3700lm 4000K G13

Product	D1	D2	A1	A2	A3
MasterConnect LEDtube IA 1500mm UO 25W840 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

Photometric data

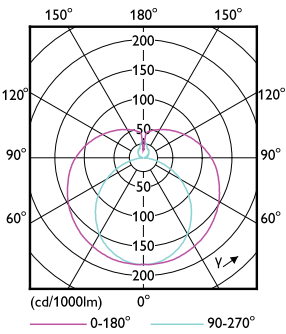


MasterConnect LEDtube 25W G13 3700lm 840



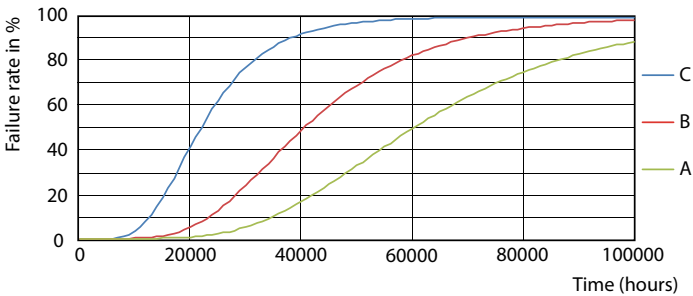
MC LEDtube G13 840

Photometric data

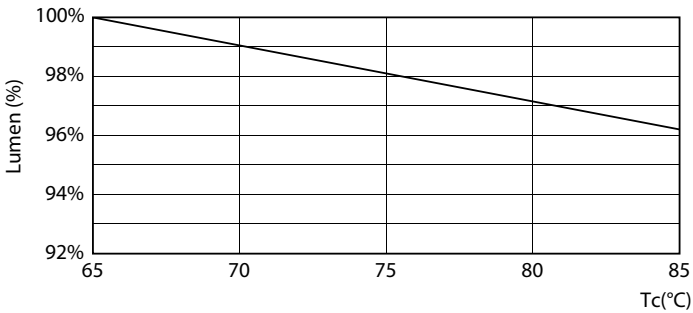


MC LEDtube G13

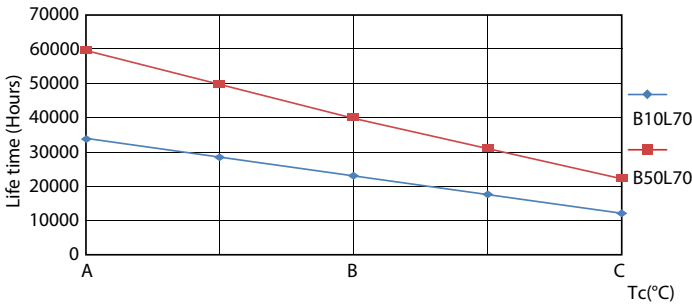
Lifetime



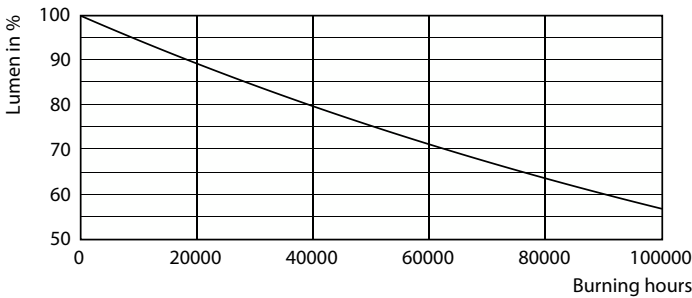
LEDtube\_60K\_FailureRate



MC LEDtube 25W 60K LumenVsTc



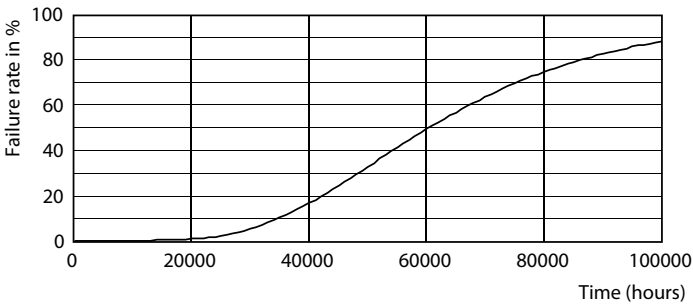
LEDtube\_60K\_LifetimeVsTc



LEDtube\_60K

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Lifetime



LEDtube\_60K

