

# 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

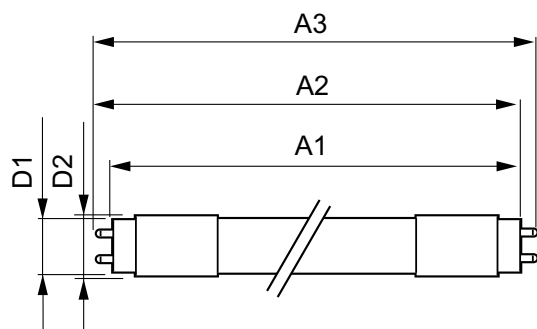
General Information		Colour consistency	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Colour rendering index (nom.)	83
EU RoHS compliant	Yes	LLMF at end of nominal lifetime (nom.)	70 %
Nominal lifetime (nom.)	60000 h	Operating and Electrical	
Switching cycle	200,000X	Input frequency	50 to 60 Hz
Technical type	25-58W	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	Voltage (Nom)	220-240 V
Luminous efficacy (rated) (nom.)	148.00 lm/W		

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<b>Temperature</b>	
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
<b>Controls and Dimming</b>	
Dimmable	Wireless Dim
<b>Mechanical and Housing</b>	
Product length	1500 mm
<b>Approval and Application</b>	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes

Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	25 kWh
<b>Product Data</b>	
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

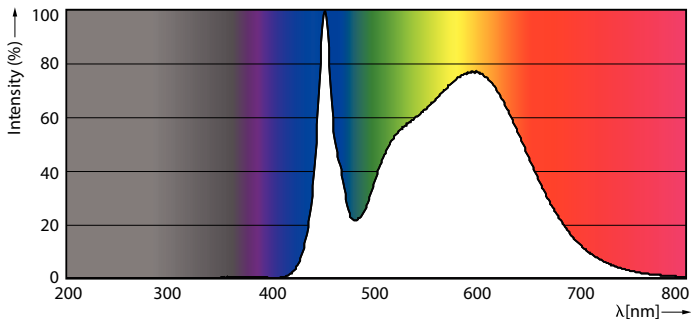
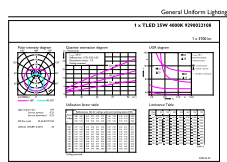
## Dimensional drawing



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

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

## Photometric data

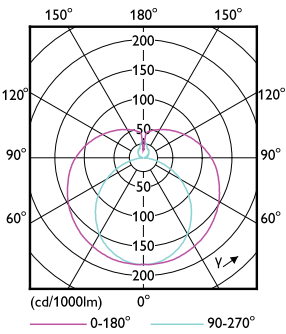


MC LEDtube 25W G13 3700lm 840

MC LEDtube G13 840

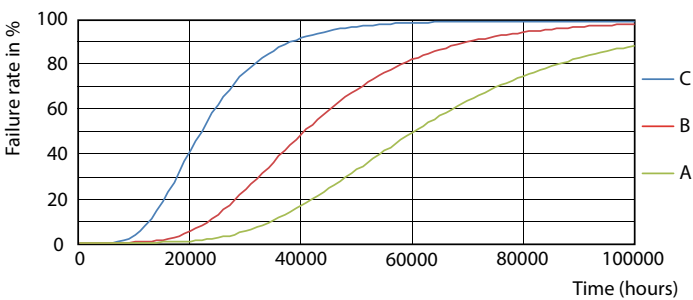
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Photometric data

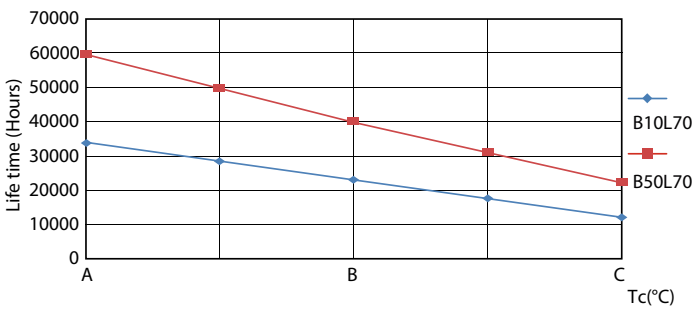


MC LEDtube G13

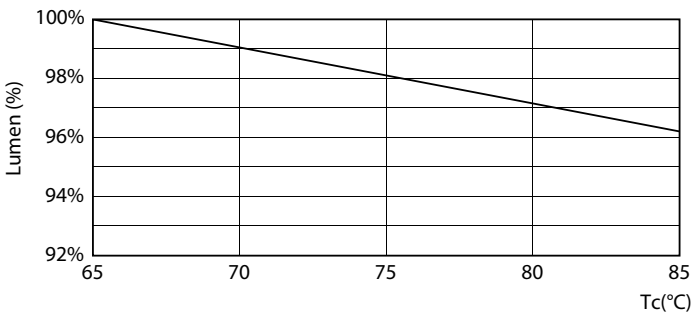
Lifetime



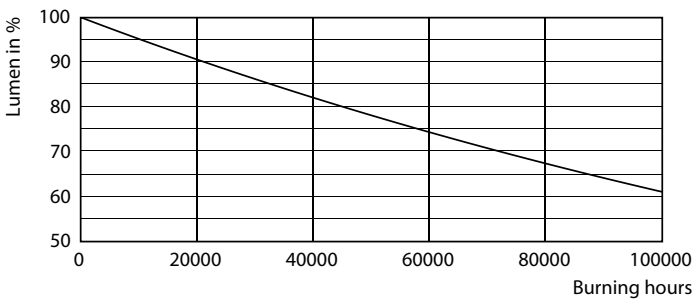
LEDtube\_60K\_FailureRate



LEDtube\_60K\_LifetimeVsTc



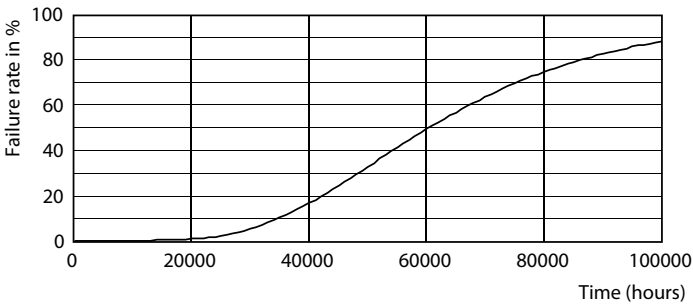
MC LEDtube 25W 60K LumenVsTc



LEDtube\_60K

MasterConnect LEDtube EM/mains T8

Lifetime



LEDtube\_60K

