

# MasterConnect LEDtube EM/mains T8

## MasterConnect LEDtube IA 1200mm UO 16W840 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	16-36W
Light Technical	
Colour Code	840 [ CCT of 4,000 K]
Technical Beam Angle (Nom)	160 °
Lamp Luminous Flux 25°C EL (Nom)	2500 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	156.00 lm/W

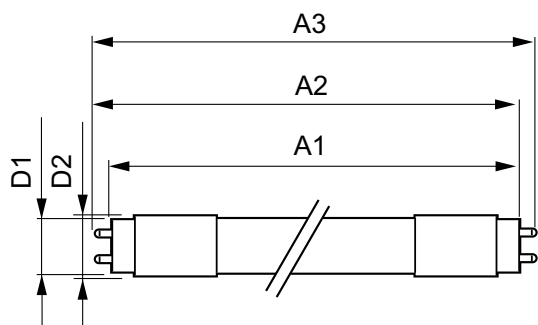
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	83
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	16 W
Lamp current (max.)	76 mA
Lamp current (min.)	69 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V

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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.)	50 °C
Controls and Dimming	
Dimmable	Wireless Dim
Mechanical and Housing	
Product length	1200 mm
Approval and Application	
Energy efficiency label (EEL)	A++
Energy-saving product	Yes

Approval marks	RoHS compliance CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	16 kWh
Product Data	
Full product code	871869966970600
Order product name	MasterConnect LEDtube IA 1200mm UO 16W840 T8
EAN/UPC – product	8718699669706
Order code	929002210402
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002210402
SAP net weight (piece)	0.320 kg

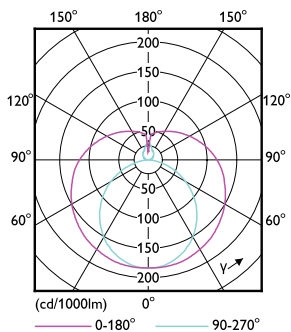
## Dimensional drawing



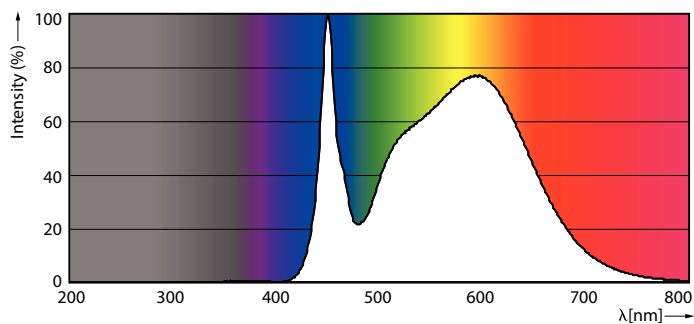
TLED 4ft 230V 16.5-32W 2500lm 4000K G13

Product	D1	D2	A1	A2	A3
MasterConnect LEDtube IA 1200mm UO 16W840 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

## Photometric data



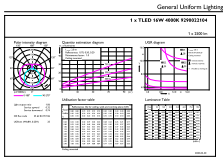
MC LEDtube 16W G13 2500lm



MC LEDtube G13 840

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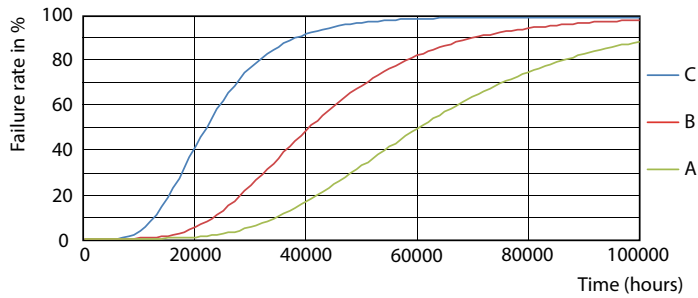
## Photometric data



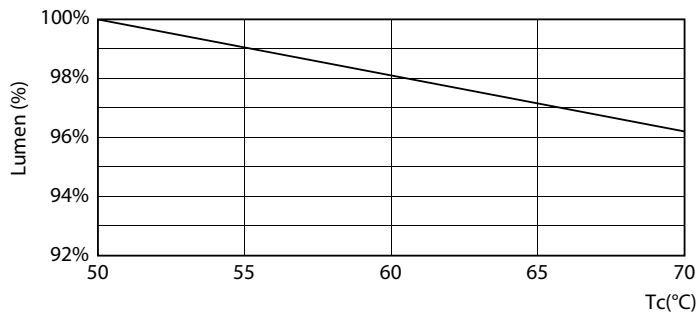
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MC LEDtube 16W G13 2500lm 840

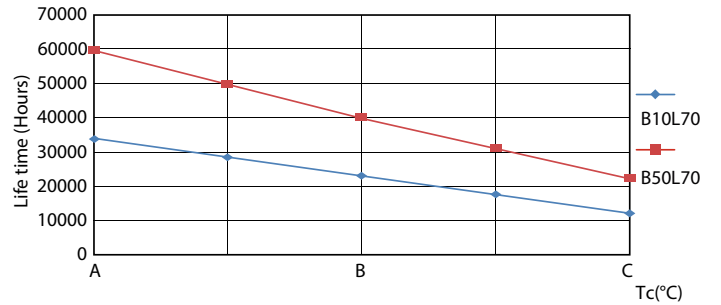
## Lifetime



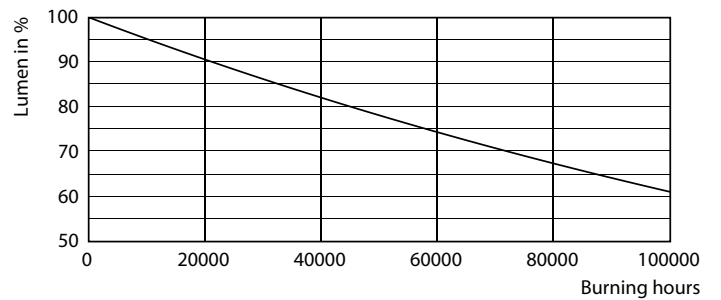
LEDtube\_60K\_FailureRate



MC LEDtube 16W 60K LumenVsTc



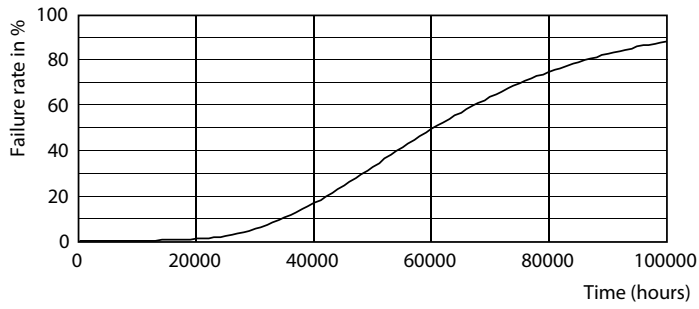
LEDtube\_60K\_LifetimeVsTc



LEDtube\_60K

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## Lifetime



LEDtube\_60K

