

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		Operating and Electrical	
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		
Technical type	16-36W		
Light Technical			
Colour Code	840 [CCT of 4,000 K]	Input frequency	50 to 60 Hz
Beam Angle (Nom)	160 °	Power (Rated) (Nom)	16 W
Luminous flux (nom.)	2500 lm	Lamp current (max.)	76 mA
Colour designation	Cool White (CW)	Lamp current (min.)	69 mA
Correlated Colour Temperature (Nom)	4000 K	Starting time (nom.)	0.5 s
Luminous efficacy (rated) (nom.)	156.00 lm/W	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

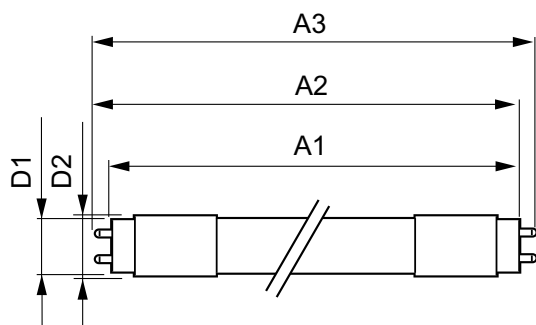
Mechanical and Housing	
Product length	1200 mm

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	66970600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12 NC)	929002210402
SAP net weight (piece)	0.320 kg

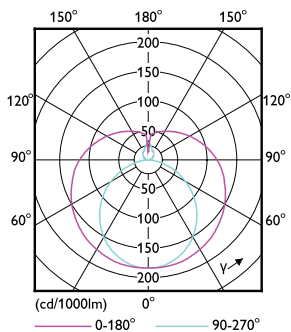
Dimensional drawing



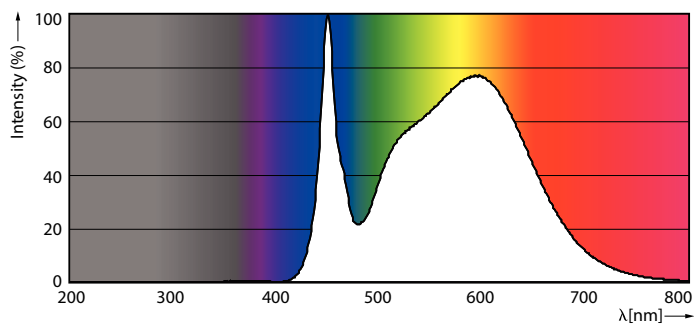
TLED 4ft 230V 16.5-32W 2500lm 4000K G13

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



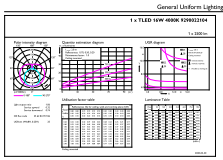
MC LEDtube 16W G13 2500lm



MC LEDtube G13 840

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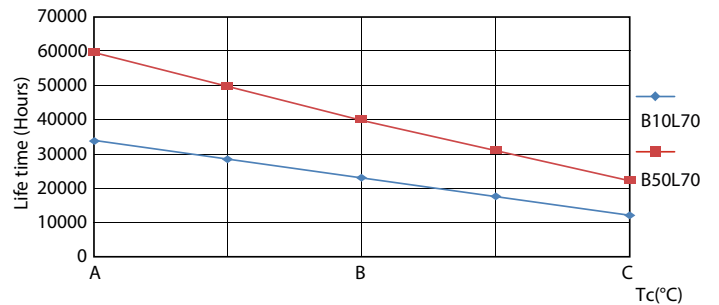
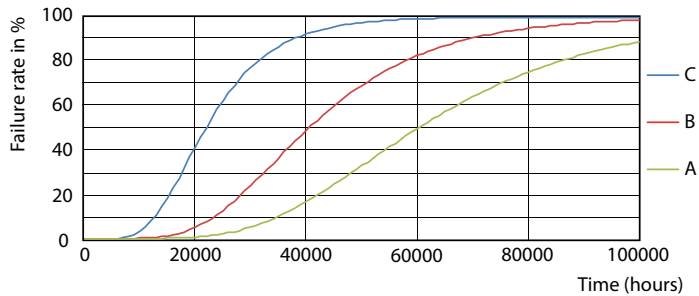
Photometric data



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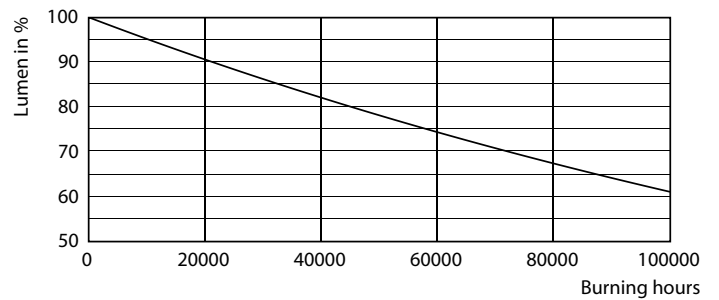
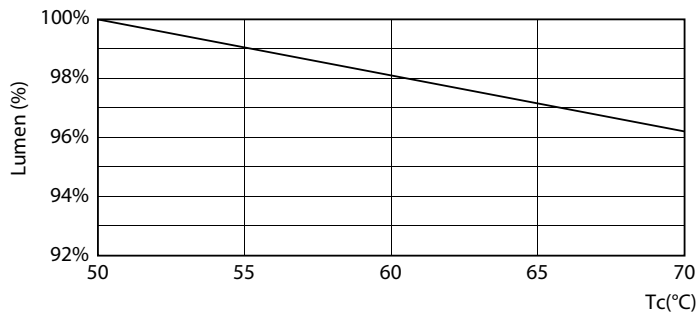
MC LEDtube 16W G13 2500lm 840

Lifetime



LEDtube_60K_FailureRate

LEDtube_60K_LifetimeVsTc

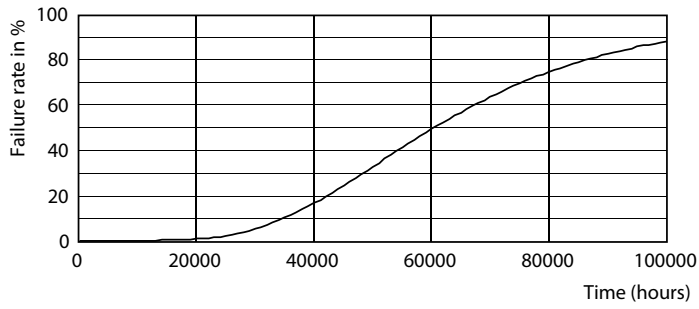


MC LEDtube 16W 60K LumenVsTc

LEDtube_60K

MasterConnect LEDtube EM/mains T8

Lifetime



LEDtube_60K

