



# MasterConnect LEDtube EM/mains T8



## MasterConnect LEDtube IA 1500mm UO 25W865 T8

Introducing MasterConnect LEDtubes - smart retrofit LED T8 lamps that give you an easy and seamless way to upgrade to connected lighting. Simply set up with an intuitive app and MasterConnect LED tube lighting can be programmed to maximize 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 additional benefits such as remote control or a management dashboard, you can simply keep the lamps you currently have installed 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

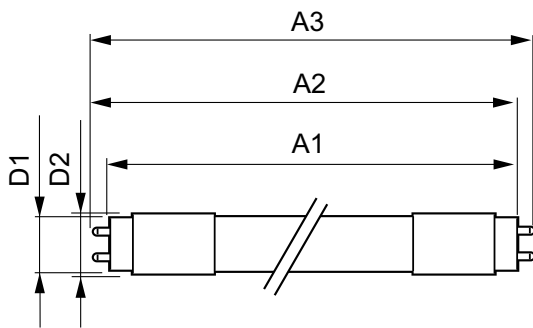
General information		Operating and electrical	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Luminous Efficacy (rated) (Nom)	148.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
Nominal Lifetime (Nom)	60000 h	Color Rendering Index (Nom)	83
Switching Cycle	200000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	25-58W	Input Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power (Nom)	25 W
Color Code	865 [ CCT of 6500K]	Lamp Current (Max)	117 mA
Beam Angle (Nom)	160 °	Lamp Current (Min)	108 mA
Luminous Flux (Nom)	3700 lm	Starting Time (Nom)	0.5 s
Color Designation	Cool Daylight	Warm Up Time to 60% Light (Nom)	0.5 s
Correlated Color Temperature (Nom)	6500 K	Power Factor (Nom)	0.9

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Voltage (Nom)	220-240 V
<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
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
Energy Consumption kWh/1000 h	25 kWh
EPREL Registration Number	406203
<b>Product data</b>	
Full product code	871869966978200
Order product name	MasterConnect LEDtube IA 1500mm UO 25W865 T8
EAN/UPC - Product	8718699669782
Order code	929002210902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002210902
Net Weight (Piece)	0.450 kg

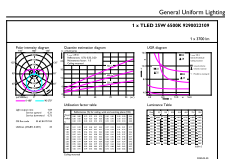
## Dimensional drawing



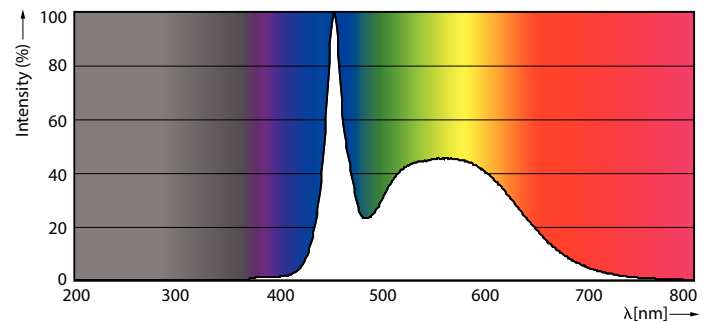
MasterConnect LEDtube IA 1500mm UO 25W865 T8

Product	D1	D2	A1	A2	A3
MasterConnect LEDtube	25.8	28 mm	1498.7	1505.8	1512.9
IA 1500mm UO 25W865 T8	mm		mm	mm	mm

## Photometric data



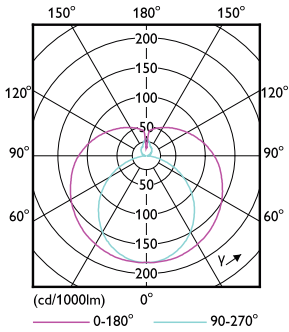
MC LEDtube 25W G13 3700lm 865



MC LEDtube G13 865

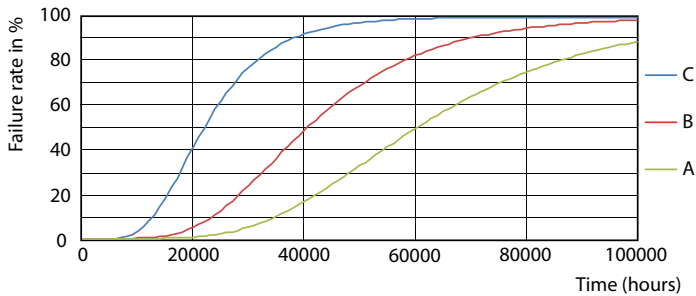
# MasterConnect LEDtube EM/mains T8

## Photometric data

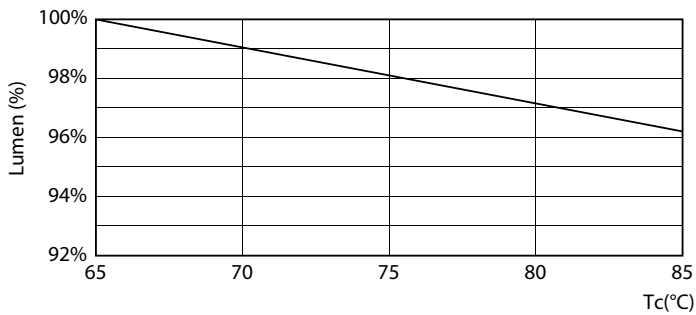


MC LEDtube G13

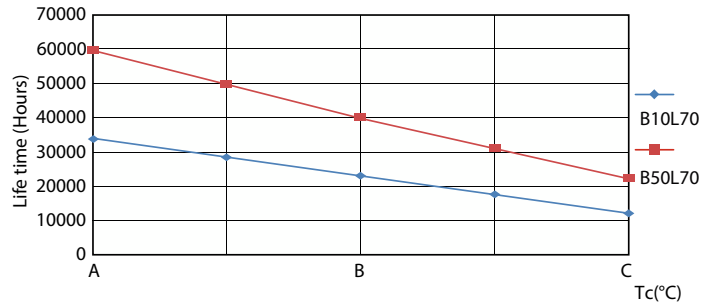
## Lifetime



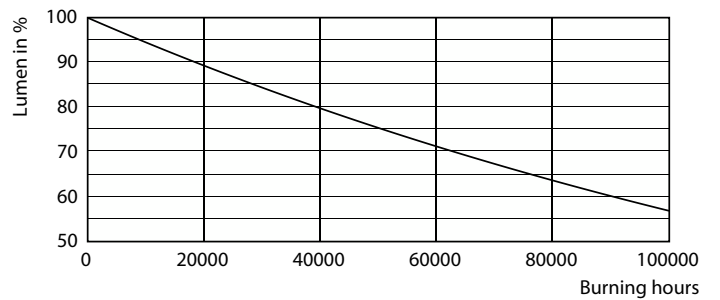
FailureRate



MC LEDtube 25W 60K LumenVsTc



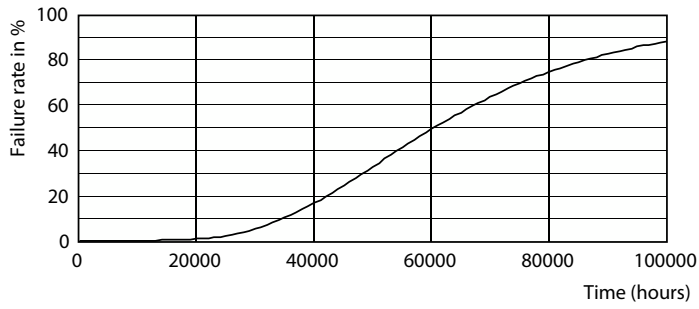
LifetimeVsTc



Lumen Maintenance Diagram

# MasterConnect LEDtube EM/mains T8

## Lifetime



### Life Expectancy Diagram

