



# Your first step into connected lighting

## MasterConnect LEDtube EM/mains 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.

### Benefits

- Easy to install and set up
- Enhanced energy-saving and convenience thanks to advanced lighting controls
- Scalable and upgradable to a cloud-based solution

### Features

- Quick upgrade to smart lighting on an existing EM ballast or direct mains
- Product lifetime up to 60,000 hours
- Easy to set up and control – with an intuitive app
- Interact-ready
- Reliable and secure wireless technology

### Application

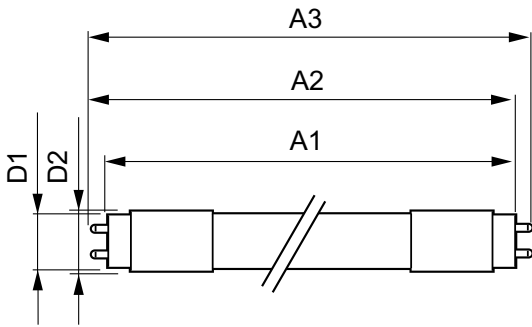
- Office, education, retail and healthcare
- Parking, industrial and warehouse

# MasterConnect LEDtube EM/mains T8

## Versions



## Dimensional drawing



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
MasterConnect LEDtube IA 600mm HO 7W840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MasterConnect LEDtube IA 1500mm UO 25W840 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MasterConnect LEDtube IA 1500mm UO 25W865 T8	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MasterConnect LEDtube IA 1200mm UO 16W865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

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## Controls and Dimming

Dimmable	Only with specific dimmers
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## Operating and Electrical

Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s

## General Information

Cap-Base	G13
Nominal Lifetime (Nom)	60000 h
Switching Cycle	200,000X

## Light Technical

Beam Angle (Nom)	160 °
Colour Rendering Index (Nom)	83
Llmf At End Of Nominal Lifetime (Nom)	70 %

## Mechanical and Housing

Bulb Shape	Tube, double-ended
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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

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002210402	MasterConnect LEDtube IA 1200mm UO 16W840 T8	16 kWh
929002210502	MasterConnect LEDtube IA 1200mm UO 16W865 T8	16 kWh
929002210802	MasterConnect LEDtube IA 1500mm UO 25W840 T8	25 kWh
929002210902	MasterConnect LEDtube IA 1500mm UO 25W865 T8	25 kWh
929002295302	MasterConnect LEDtube IA 600mm HO 7W840 T8	7 kWh

## Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929002210402	MasterConnect LEDtube IA 1200mm UO 16W840 T8	16 W
929002210502	MasterConnect LEDtube IA 1200mm UO 16W865 T8	16 W
929002210802	MasterConnect LEDtube IA 1500mm UO 25W840 T8	25 W

Order Code	Full Product Name	Power (Rated) (Nom)
929002210902	MasterConnect LEDtube IA 1500mm UO 25W865 T8	25 W
929002295302	MasterConnect LEDtube IA 600mm HO 7W840 T8	7 W

## Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929002210402	MasterConnect LEDtube IA 1200mm UO 16W840 T8	840	4000 K	2500 lm
929002210502	MasterConnect LEDtube IA 1200mm UO 16W865 T8	865	6500 K	2500 lm
929002210802	MasterConnect LEDtube IA 1500mm UO 25W840 T8	840	4000 K	3700 lm

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
929002210902	MasterConnect LEDtube IA 1500mm UO 25W865 T8	865	6500 K	3700 lm
929002295302	MasterConnect LEDtube IA 600mm HO 7W840 T8	840	4000 K	1050 lm

# MasterConnect LEDtube EM/mains T8

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002210402	MasterConnect LEDtube IA 1200mm UO 16W840 T8	50 °C
929002210502	MasterConnect LEDtube IA 1200mm UO 16W865 T8	50 °C
929002210802	MasterConnect LEDtube IA 1500mm UO 25W840 T8	65 °C
929002210902	MasterConnect LEDtube IA 1500mm UO 25W865 T8	65 °C
929002295302	MasterConnect LEDtube IA 600mm HO 7W840 T8	40 °C

