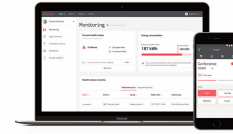




interact
ready.



Your first step into connected lighting

MasterConnect 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 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 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 cloud-based solution

Features

- Quick upgrade to smart lighting on verified HF ballasts or direct mains (UL Type A and Type B)
- Product lifetime up to 70,000hrs
- Easy to set up and control – with intuitive app
- Interact ready
- Reliable and secure wireless technology

Application

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

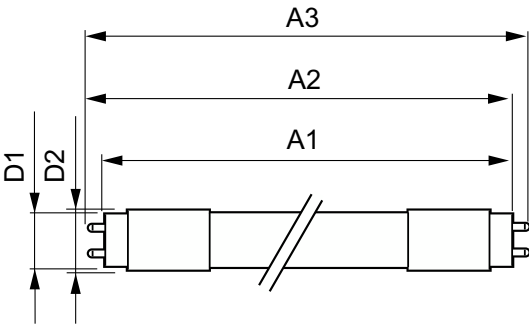
MasterConnect T8

Versions



MC LEDtube G13

Dimensional drawing



Product	D1	D2	A1	A2	A3
14.5T8/48-835/MF20/MC IA 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
14.5T8/48-840/MF21/MC IA 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
14.5T8/48-850/MF21/MC IA 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
14T8/48-835/1F20/MC IA 10/1	25.7 mm	26.3 mm	1,198 mm	1,205 mm	1,212 mm
14T8/48-840/1F21/MC IA 10/1	25.7 mm	26.3 mm	1,198 mm	1,205 mm	1,212 mm
14T8/48-850/1F21/MC IA 10/1	25.7 mm	26.3 mm	1,198 mm	1,205 mm	1,212 mm

General Information	
Switching Cycle	50,000
Nominal lifetime	70,000 hour(s)
Light Technical	
Beam Angle (Nom)	160 degree(s)
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Wattage Equivalent	32 W
Temperature	
Ambient temperature range	-20 °C to 45 °C
Controls and Dimming	
Dimmable	Wireless Dim
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8
Approval and Application	
Energy Consumption kWh/1000 h	- kWh

General Information

Order Code	Full Product Name	Cap-Base
929002456604	14.5T8/48-835/MF20/MC IA 10/1	G13 ROT
929002456704	14.5T8/48-840/MF21/MC IA 10/1	G13 ROT
929002456804	14.5T8/48-850/MF21/MC IA 10/1	G13 ROT
929002051804	14T8/48-835/IF20/MC IA 10/1	G13
929002051904	14T8/48-840/IF21/MC IA 10/1	G13
929002052004	14T8/48-850/IF21/MC IA 10/1	G13

Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929002456604	14.5T8/48-835/MF20/MC IA 10/1	3500 K	835	2,000 lm
929002456704	14.5T8/48-840/MF21/MC IA 10/1	4000 K	840	2,100 lm
929002456804	14.5T8/48-850/MF21/MC IA 10/1	5000 K	850	2,100 lm

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929002051804	14T8/48-835/IF20/MC IA 10/1	3500 K	835	2,000 lm
929002051904	14T8/48-840/IF21/MC IA 10/1	4000 K	840	2,100 lm
929002052004	14T8/48-850/IF21/MC IA 10/1	5000 K	850	2,100 lm

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time
					(Nom)
929002456604	14.5T8/48-835/MF20/MC IA 10/1	50 to 60 Hz	50 to 60 Hz	14.5 W	1 s
929002456704	14.5T8/48-840/MF21/MC IA 10/1	50 to 60 Hz	50 to 60 Hz	14.5 W	1 s
929002456804	14.5T8/48-850/MF21/MC IA 10/1	50 to 60 Hz	50 to 60 Hz	14.5 W	1 s

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time
					(Nom)
929002051804	14T8/48-835/IF20/MC IA 10/1	28K to 100K Hz	28K to 100K Hz	14 W	0.5 s
929002051904	14T8/48-840/IF21/MC IA 10/1	28K to 100K Hz	28K to 100K Hz	14 W	0.5 s
929002052004	14T8/48-850/IF21/MC IA 10/1	28K to 100K Hz	28K to 100K Hz	14 W	0.5 s

Temperature

MasterConnect T8

Order Code	Full Product Name	T-Case Maximum (Nom)
929002456604	14.5T8/48-835/MF20/MC IA 10/1	45 °C
929002456704	14.5T8/48-840/MF21/MC IA 10/1	45 °C
929002456804	14.5T8/48-850/MF21/MC IA 10/1	45 °C
929002051804	14T8/48-835/IF20/MC IA 10/1	40 °C
929002051904	14T8/48-840/IF21/MC IA 10/1	40 °C
929002052004	14T8/48-850/IF21/MC IA 10/1	40 °C

