



For an easy step into smart lighting

LEDtube Connected EM/mains T8

Philips LEDtube Connected - smart retrofit LED T8 lamps that give you an easy and seamless way to upgrade to connected lighting. These Interact Ready LED tubes 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.

Benefits

- Smart sustainability thanks to advanced lighting control
- Easy connectivity with a whole new level of convenient installation
- Added comfort through personalization
- A future-proof solutions that is scalable and upgradable

Features

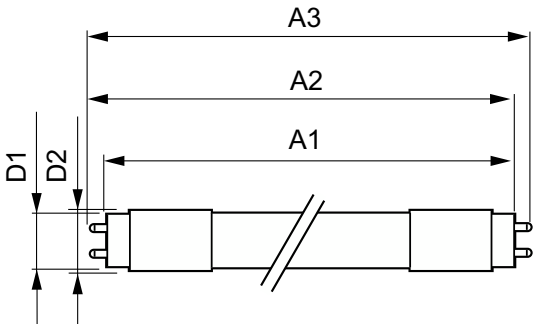
- Smart retrofit on existing EM ballast or direct mains
- Product lifetime up to 75,000 hours
- Easy to set up and control – with intuitive app
- Interact ready
- Reliable and secure wireless technology

Application

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

LEDtube Connected EM/mains T8

Dimensional drawing



Product	D1	D2	A1	A2	A3
MC LEDtube IA 1200mm UO 16W840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MC LEDtube IA 1200mm UO 16W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

General Information	
Cap-Base	G13
Switching Cycle	200,000
Nominal lifetime	60,000 hour(s)
Light Technical	
Beam Angle (Nom)	160 degree(s)
Color rendering index (CRI)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	2,500 lm
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	16 W
Starting Time (Nom)	0.5 s
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Wireless Dim
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Ambient temperature range	-20 °C to 45 °C
Energy Consumption kWh/1000 h	16 kWh

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code
929002210402	MC LEDtube IA 1200mm UO 16W840 T8	4000 K	840
929002210502	MC LEDtube IA 1200mm UO 16W865 T8	6500 K	865

LEDtube Connected EM/mains T8

