PHILIPS

Lighting

For an easy step into smart lighting

LED tube 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

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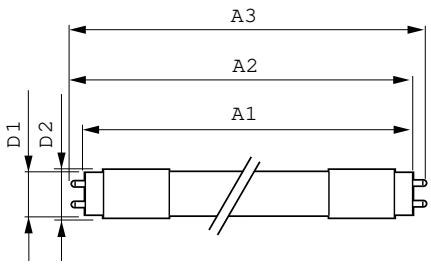
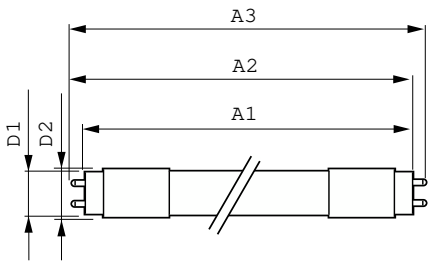
Dimensional drawing



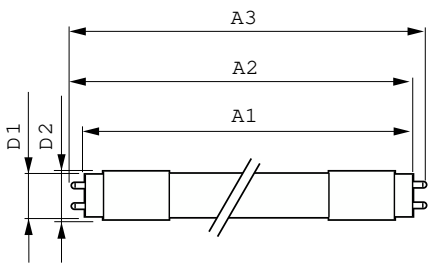
D1	D2	A1	A2	A3
25.7mm	28mm	589.8mm	596.9mm	604mm

Product	D1	D2	A1	A2	A3
LEDtube Connected IA 600mm 7.6W840 T8	25.7 mm	28 mm	589.8 mm	596.9 mm	604 mm
LEDtube Connected IA 600mm 7.6W865 T8	25.7 mm	28 mm	589.8 mm	596.9 mm	604 mm



D1	D2	A1	A2	A3
25.7mm	28mm	1500mm	1507.1mm	1514.2mm

Product	D1	D2	A1	A2	A3
LEDtube Connected IA 1500mm 23.1W840 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm
LEDtube Connected IA 1500mm 23.1W865 T8	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm



D1	D2	A1	A2	A3
25.7mm	28mm	1199.4mm	1206.5mm	1213.6mm

Product	D1	D2	A1	A2	A3
LEDtube Connected IA 1200mm 15.6W840 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
LEDtube Connected IA 1200mm 15.6W865 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm

LED tube Connected EM/Mains T8

General Information	
Cap-Base	G13 Rotatable end-cap
Switching Cycle	200,000
Nominal lifetime	75,000 hour(s)
Light Technical	
Beam Angle (Nom)	160 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	1 s
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Wireless Dim
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8
Approval and Application	
Ambient temperature range	-20 to +45 °C

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929004270502	LEDtube Connected IA 600mm 7.6W840 T8	4000 K	840	1,150 lm
929004270602	LEDtube Connected IA 600mm 7.6W865 T8	6500 K	865	1,150 lm
929004270702	LEDtube Connected IA 1200mm 15.6W840 T8	4000 K	840	2,500 lm
929004270802	LEDtube Connected IA 1200mm 15.6W865 T8	6500 K	865	2,500 lm
929004270902	LEDtube Connected IA 1500mm 23.1W840 T8	4000 K	840	3,700 lm
929004271002	LEDtube Connected IA 1500mm 23.1W865 T8	6500 K	865	3,700 lm

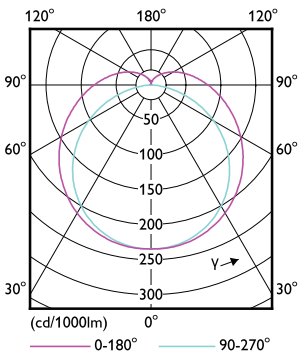
Operating and Electrical

Order Code	Full Product Name	Power Consumption
929004270502	LEDtube Connected IA 600mm 7.6W840 T8	7.6 W
929004270602	LEDtube Connected IA 600mm 7.6W865 T8	7.6 W
929004270702	LEDtube Connected IA 1200mm 15.6W840 T8	15.6 W

Order Code	Full Product Name	Power Consumption
929004270802	LEDtube Connected IA 1200mm 15.6W865 T8	15.6 W
929004270902	LEDtube Connected IA 1500mm 23.1W840 T8	23.1 W
929004271002	LEDtube Connected IA 1500mm 23.1W865 T8	23.1 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929004270502	LEDtube Connected IA 600mm 7.6W840 T8	8 kWh
929004270602	LEDtube Connected IA 600mm 7.6W865 T8	8 kWh
929004270702	LEDtube Connected IA 1200mm 15.6W840 T8	16 kWh
929004270802	LEDtube Connected IA 1200mm 15.6W865 T8	16 kWh
929004270902	LEDtube Connected IA 1500mm 23.1W840 T8	24 kWh
929004271002	LEDtube Connected IA 1500mm 23.1W865 T8	24 kWh



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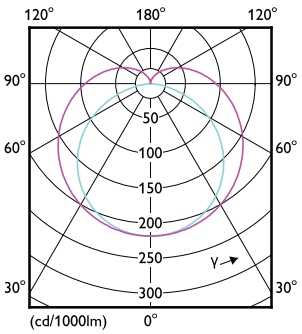

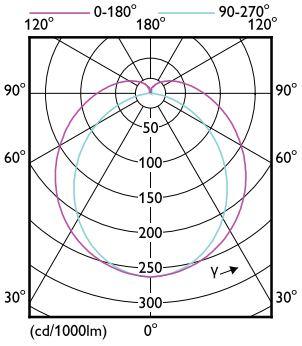

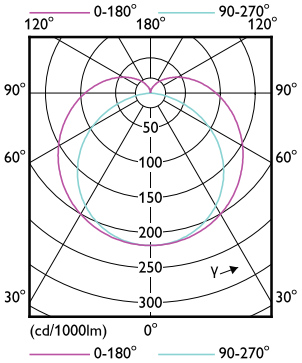

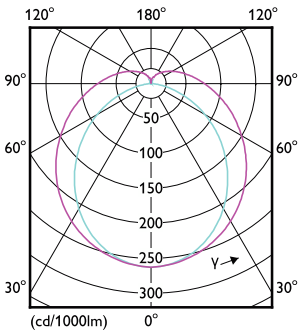

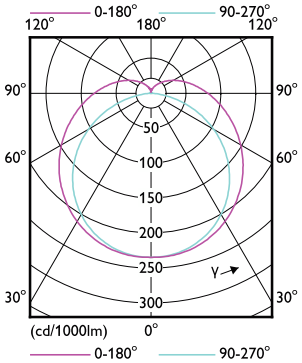

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