



The perfect lamp for contractors and ESCOs alike, Contractor-grade MainsFit (UL Type-B) LED lamp provides an easy solution to upgrade from the traditional fluorescent lamp.

Contractor-grade MainsFit (UL Type-B) T8

The Contractor-grade MainsFit (UL Type B) lamps are designed to provide simple retrofit solution to move from traditional fluorescent lamps to energy saving LEDs. This ballast bypass lamp is similar to other UL Type B lamps in the Philips family by providing proven energy savings, long life (50k hours), surge suppression and industry leading safety features. All lamps in the Contractor-grade family are also double-ended to help simplify the installation.

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Benefits

- Choose the light level and energy savings that suit your needs
- Installation simplicity: Can be used with both shunted and un-shunted sockets
- Emergency Capable: Compatible with the new PTB15D emergency driver or the Bodine ELI-S series emergency inverters (up to 15w lamps)

Features

- DLC listed and affordable
- Glass tube with 240° illumination angle
- Available in 4' T8 lamp family, with 2 lumen output options
- Lifetime delivered: Average life rating of 50,000 hours
- 5-year limited warranty (For more information on Philips' limited warranty please visit philips.com/warranties)

Application

- Warehouses
- Schools
- Offices

Dimensional drawing

Product	D1	D2	A1	A2	A3
14.5T8/CNG/48-835/MF17/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
14.5T8/CNG/48-840/MF18/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
14.5T8/CNG/48-850/MF18/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
14.5T8/CNG/48-865/MF18/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
16.5T8/CNG/48-835/MF20/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
16.5T8/CNG/48-840/MF21/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
16.5T8/CNG/48-850/MF21/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

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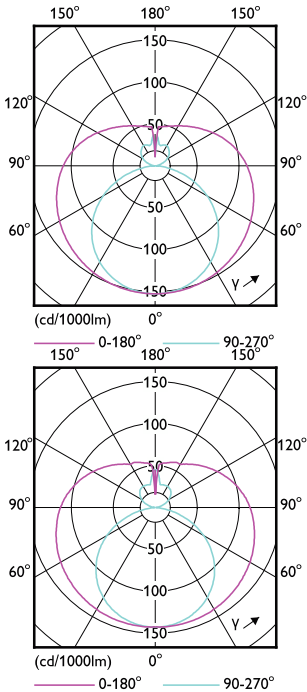
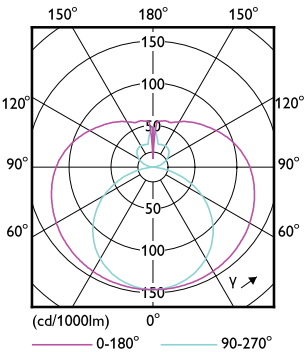
General Information	
Cap-Base	G13
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)
Light Technical	
Beam Angle (Nom)	240 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Wattage Equivalent	32 W
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	Limited
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8

Light Technical

		Correlated Color		
Order Code	Full Product Name	Temperature (Nom)	Color Code	Luminous Flux
929003474504	14.5T8/CNG/48-835/MF17/G 25/1	3500 K	835	1,750 lm
929003474604	14.5T8/CNG/48-840/MF18/G 25/1	4000 K	840	1,800 lm
929003474704	14.5T8/CNG/48-850/MF18/G 25/1	5000 K	850	1,800 lm
929003474804	14.5T8/CNG/48-865/MF18/G 25/1	6500 K	865	1,800 lm
929003510604	16.5T8/CNG/48-835/MF20/G 25/1	3500 K	835	2,000 lm
929003510704	16.5T8/CNG/48-840/MF21/G 25/1	4000 K	840	2,100 lm
929003510804	16.5T8/CNG/48-850/MF21/G 25/1	5000 K	850	2,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929003474504	14.5T8/CNG/48-835/MF17/G 25/1	14.5 W
929003474604	14.5T8/CNG/48-840/MF18/G 25/1	14.5 W
929003474704	14.5T8/CNG/48-850/MF18/G 25/1	14.5 W
929003474804	14.5T8/CNG/48-865/MF18/G 25/1	14.5 W
929003510604	16.5T8/CNG/48-835/MF20/G 25/1	16.5 W
929003510704	16.5T8/CNG/48-840/MF21/G 25/1	16.5 W
929003510804	16.5T8/CNG/48-850/MF21/G 25/1	16.5 W



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