



Contractor-grade MainsFit (UL Type-B) T8

14.5T8/CNG/48-865/MF18/G 25/1

Contractor grade, LED, T8, 14.5 W, 6500 K, 1800 lm, 50000 hour(s)

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.

Product data

General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Consistency	<6
Nominal lifetime	50,000 hour(s)	Color rendering index (CRI)	80
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED	Operating and Electrical	
Light Technical		Line Frequency	50 to 60 Hz
Color Code	865 [CCT of 6500K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	220 degree(s)	Power Consumption	14.5 W
Luminous Flux	1,800 lm	Lamp Current (Max)	125 mA
Color Designation	Cool Daylight	Lamp Current (Min)	58 mA
Correlated Color Temperature (Nom)	6500 K	Wattage Equivalent	32 W

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Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120–277 V
UL Type	UL Type B

Temperature

T-Case Maximum (Nom)	70 °C
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Controls and Dimming

Dimmable	Limited
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.190 kg

Approval and Application

Energy Saving Product	Yes
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Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes
Ambient temperature range	–20 °C to 45 °C

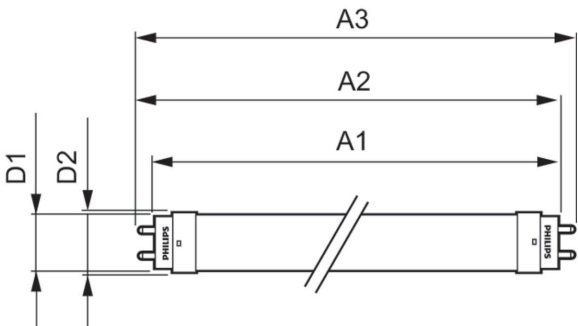
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

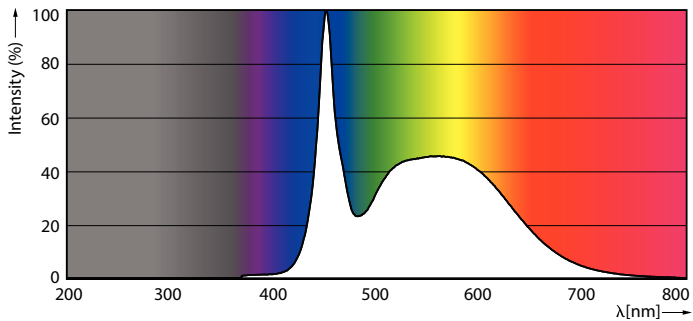
Order product name	14.5T8/CNG/48-865/MF18/G 25/1
Full product name	14.5T8/CNG/48-865/MF18/G 25/1
Order code	577791
Material Nr. (12NC)	929003474804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677577797
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677577792

Dimensional drawing

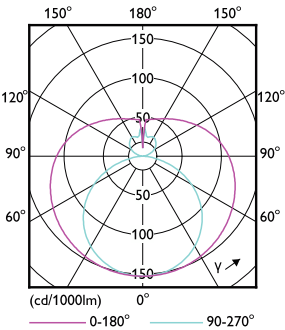


Product	D1	D2	A1	A2	A3
14.5T8/CNG/48-865/MF18/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data



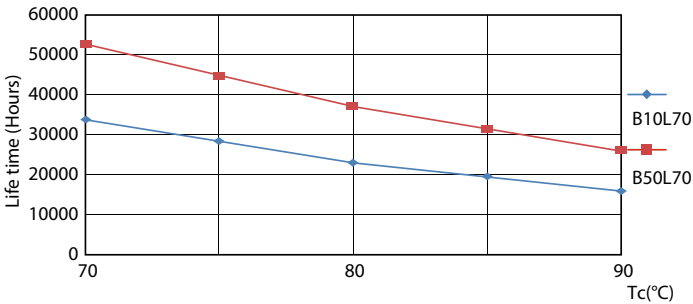
Spectral Power Distribution Colour - 14.5T8/CNG/48-865/MF18/G 25/1



Light Distribution Diagram - 14.5T8/CNG/48-865/MF18/G 25/1

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Lifetime



LifetimeVsTc

