

T8

16.5T8/CNG/48-840/MF21/G 25/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

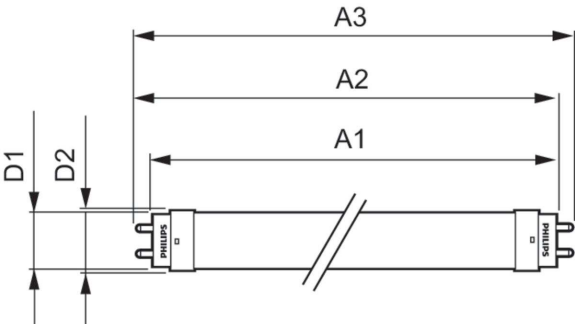
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Power Consumption	16.5 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
Brand	Philips	Power Factor (Fraction)	0.9
Light Technical		Voltage (Nom)	120-277 V
Color Code	840 [CCT of 4000K]	Temperature	
Beam Angle (Nom)	240 degree(s)	Ambient temperature range	-20 °C to 45 °C
Luminous Flux	2,100 lumen	T-Case Maximum (Nom)	158 °F
Color Designation	Cool White (CW)	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	Dimmable	Limited
Luminous Efficacy (rated) (Nom)	127.00 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Finish	Frosted
Color rendering index (CRI)	80	Bulb Material	Glass
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	47-1/4 inch

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Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Product Data	
Order product name	16.5T8/CNG/48-840/MF21/G 25/1

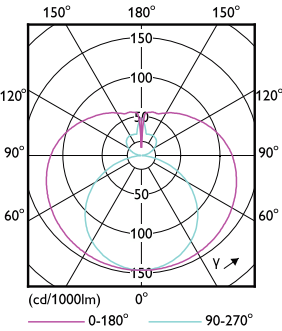
Order code	579052
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material number (12NC)	929003510704
Net weight	0.190 kg
Full product name	16.5T8/CNG/48-840/MF21/G 25/1
EAN/UPC - Case	50046677579055

Dimensional drawing

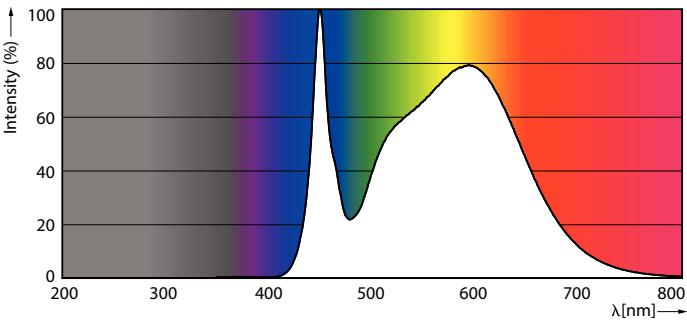


Product	D1	D2	A1	A2	A3
16.5T8/CNG/48-840/MF21/G 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

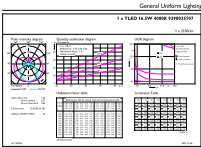
Photometric data



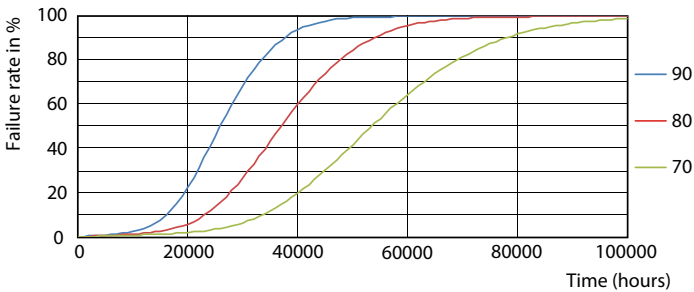
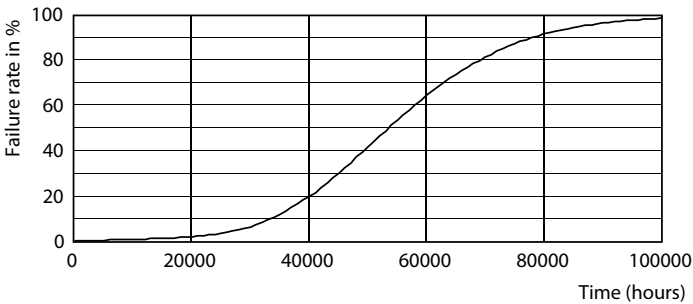
Light Distribution Diagram - 16.5T8/CNG/48-840/MF21/G 25/1



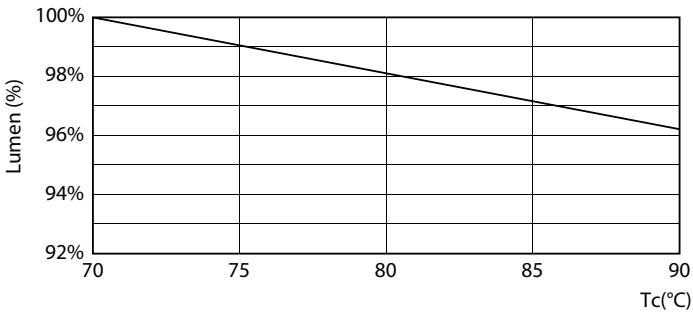
Spectral Power Distribution Colour - 16.5T8/CNG/48-840/MF21/G 25/1



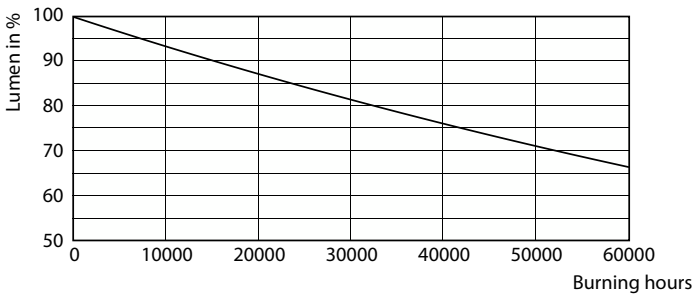
Lifetime



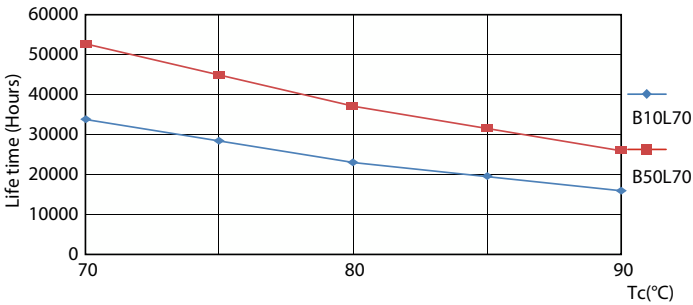
Life Expectancy Diagram - 16.5T8/CNG/48-840/MF21/G 25/1



Life Expectancy Diagram - 16.5T8/CNG/48-840/MF21/G 25/1



Lumen Maintenance Diagram - 16.5T8/CNG/48-840/MF21/G 25/1



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Life Expectancy Diagram - 16.5T8/CNG/48-840/MF21/G 25/1

