



Contractor-grade MainsFit (UL Type-B) T8

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

Contractor grade, LEDtube, T8, 47-1/4 inch, 16.5 W, 4000 K, 2100 lm, 50000 hour(s)

Contractor grade, LEDtube, T8, 47-1/4 inch, 16.5 W, 4000 K, 2100 lm, 50000 hour(s), 127.00 lm/W, G13, Glass

Product data

General Information	
Cap-Base	G13
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	220 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	127.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

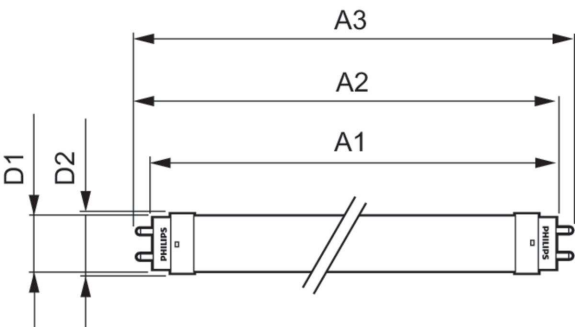
LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	16.5 W
Lamp Current (Max)	134 mA
Lamp Current (Min)	58 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	UL Type B

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Temperature	
T-Case Maximum (Nom)	158 °F
Controls and Dimming	
Dimmable	Limited
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.419 lb
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes

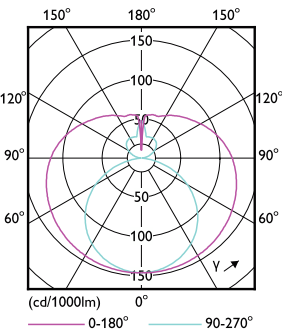
Ambient temperature range	-4 °F to 113 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	16.5T8/CNG/48-840/MF21/G 25/1
Full product name	16.5T8/CNG/48-840/MF21/G 25/1
Order code	579052
Material Nr. (12NC)	929003510704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677579050
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677579055

Dimensional drawing

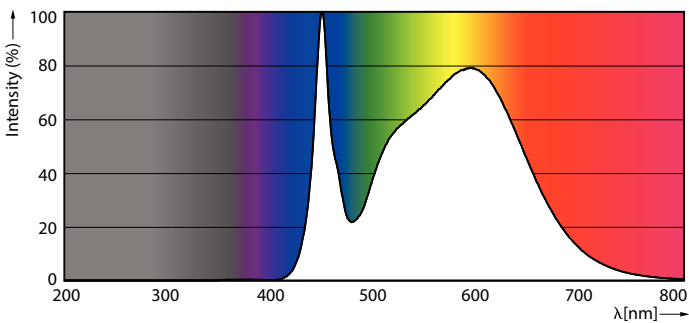


Product	D1	D2	A1	A2	A3
16.5T8/CNG/48-840/MF21/G 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



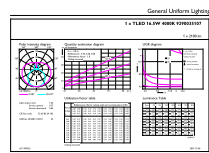
Light Distribution Diagram - 16.5T8/CNG/48-840/MF21/G 25/1



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

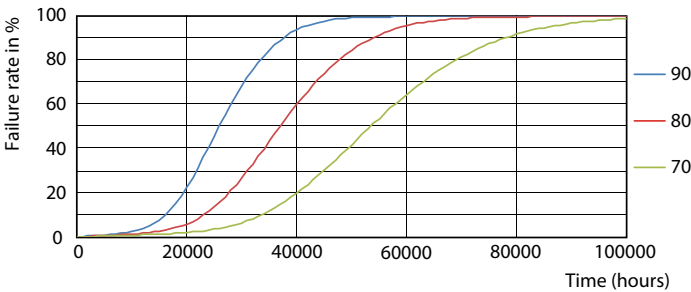
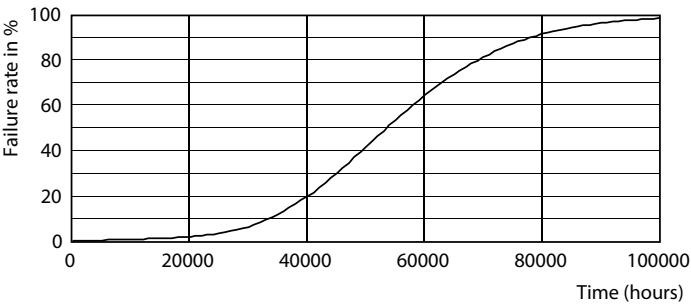
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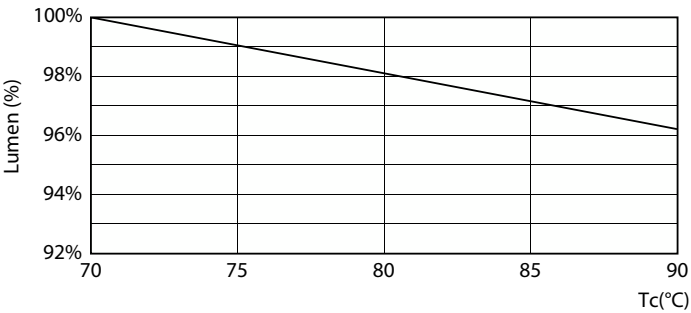


General uniform lighting - 16.5T8/CNG/48-840/MF21/G 25/1

Lifetime

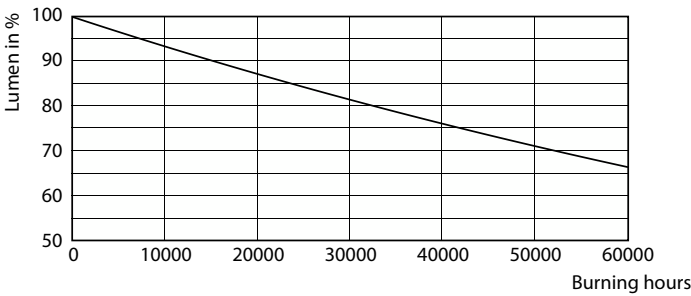


Life Expectancy Diagram



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

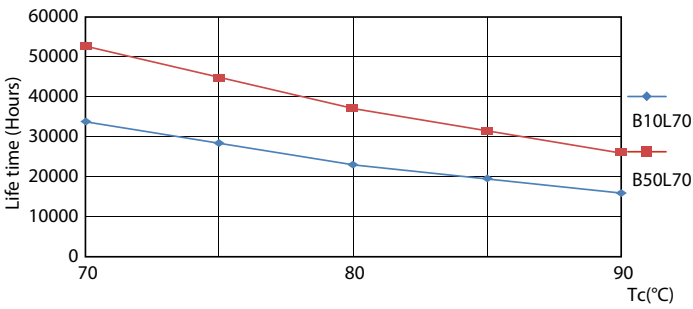
LEDtube 50K 7090 FailureRate-LED



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

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Lifetime



LifetimeVsTc

