



T8

15.5T8/COR/48-850/MF21/G/BAA 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Buy American Compliant Products	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,200 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	141.00 lm/W
Color Consistency	<5
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	15.5 W
Lamp Current (Max)	132 mA
Lamp Current (Min)	65 mA
Starting Time (Nom)	0.9 s
Warm-up time to 60% light	0.9 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	Type B - bypass the ballast
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	158 °F
Controls and Dimming	
Dimmable	No

T8

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T8

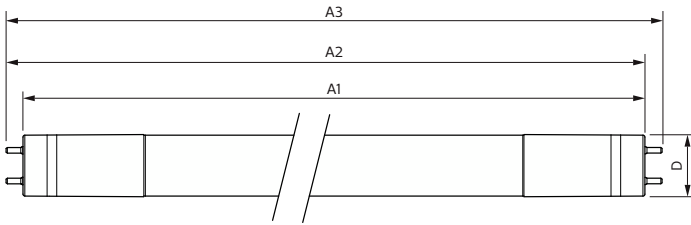
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product Data

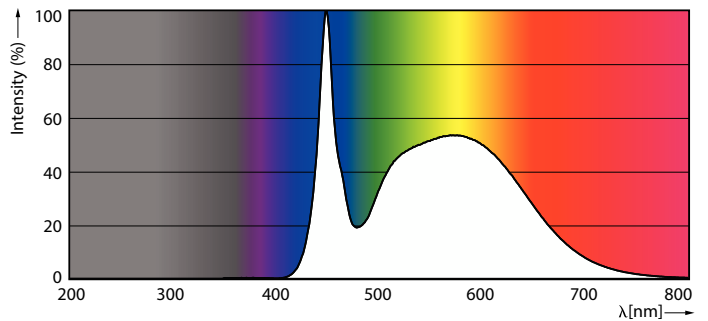
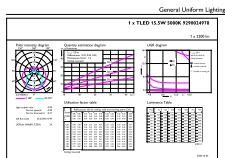
Order product name	15.5T8/COR/48-850/MF21/G/BAA 25/1
Full product name	15.5T8/COR/48-850/MF21/G/BAA 25/1
Order code	563742
Material Nr. (12NC)	929002497804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677563745
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677563740

Dimensional drawing



Product	D1	D2	A1	A2	A3
15.5T8/COR/48-850/MF21/G/BAA 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

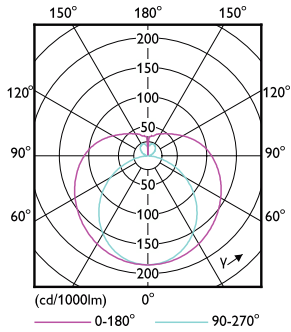
Photometric data



General uniform lighting - 15.5T8/COR/48-850/MF21/G/BAA 25/1

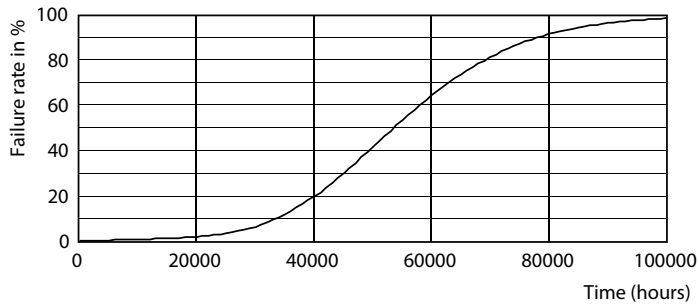
Spectral Power Distribution Colour - 15.5T8/COR/48-850/MF21/G/BAA 25/1

Photometric data

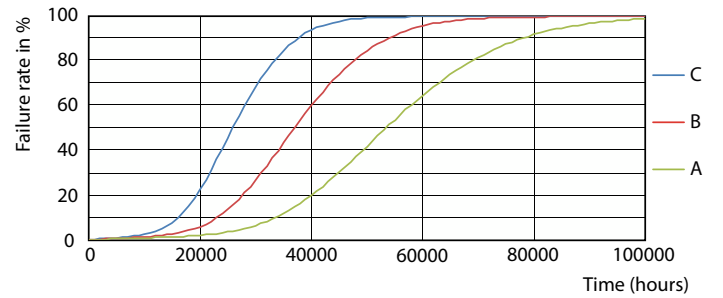


Light Distribution Diagram - 15.5T8/COR/48-850/MF21/G/BAA 25/1

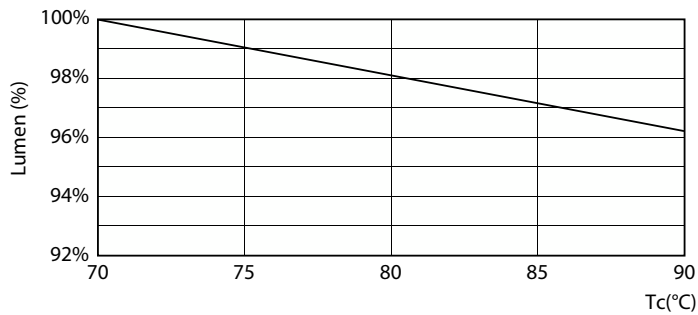
Lifetime



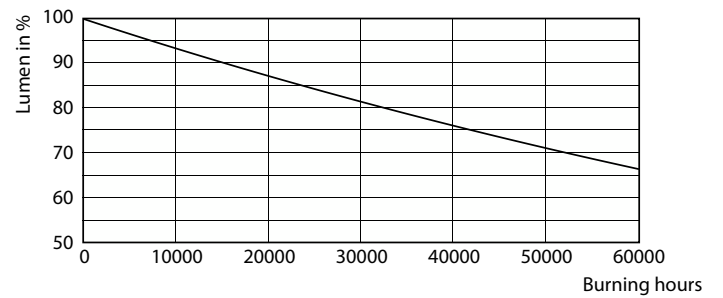
Life Expectancy Diagram - 15.5T8/COR/48-850/MF21/G/BAA 25/1



Life Expectancy Diagram - 15.5T8/COR/48-850/MF21/G/BAA 25/1



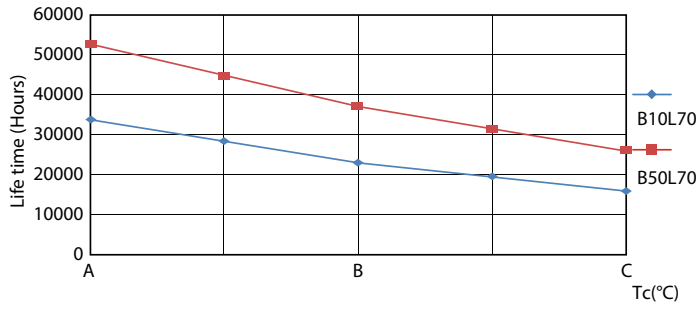
Lumen Maintenance Diagram - 15.5T8/COR/48-850/MF21/G/BAA 25/1



Lumen Maintenance Diagram - 15.5T8/COR/48-850/MF21/G/BAA 25/1

T8

Lifetime



Life Expectancy Diagram - 15.5T8/COR/48-850/MF21/G/BAA 25/1

