



T8

15.5T8/COR/48-840/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	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,200 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141.00 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	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	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8

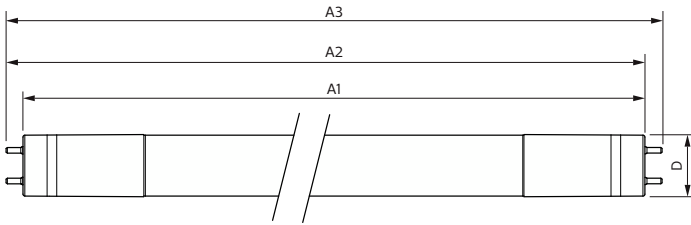
Approval and Application

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

Product Data

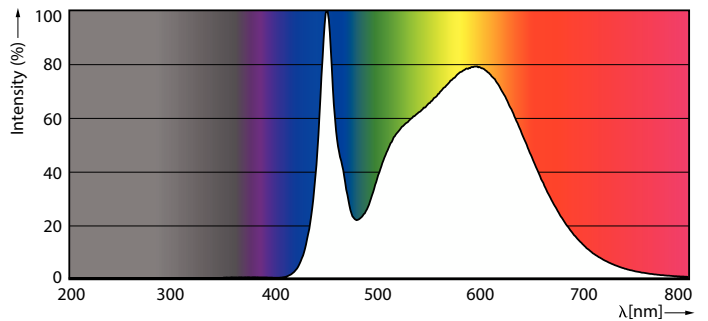
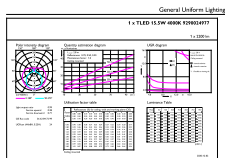
Order product name	15.5T8/COR/48-840/MF21/G/BAA 25/1
Full product name	15.5T8/COR/48-840/MF21/G/BAA 25/1
Order code	929002497704
Material Nr. (12NC)	929002497704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677563738
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677563733

Dimensional drawing



Product	D1	D2	A1	A2	A3
15.5T8/COR/48-840/MF21/G/BAA 25/1	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

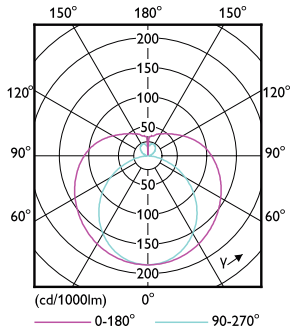
Photometric data



General uniform lighting - 15.5T8/COR/48-840/MF21/G/BAA 25/1

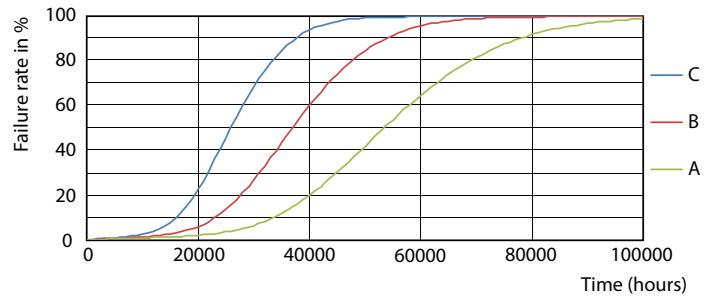
Spectral Power Distribution Colour - 15.5T8/COR/48-840/MF21/G/BAA 25/1

Photometric data

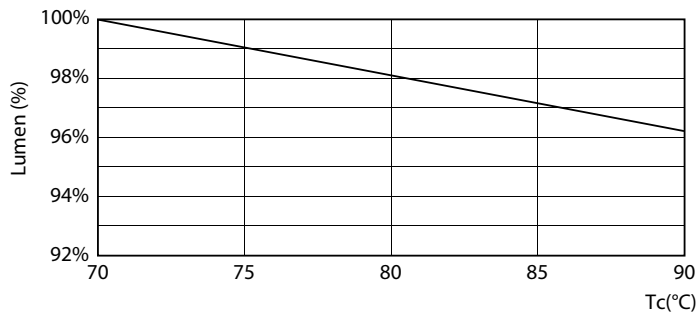


Light Distribution Diagram - 15.5T8/COR/48-840/MF21/G/BAA 25/1

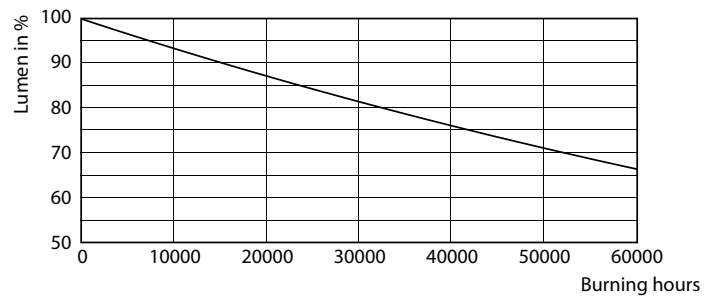
Lifetime



Life Expectancy Diagram - 15.5T8/COR/48-840/MF21/G/BAA 25/1



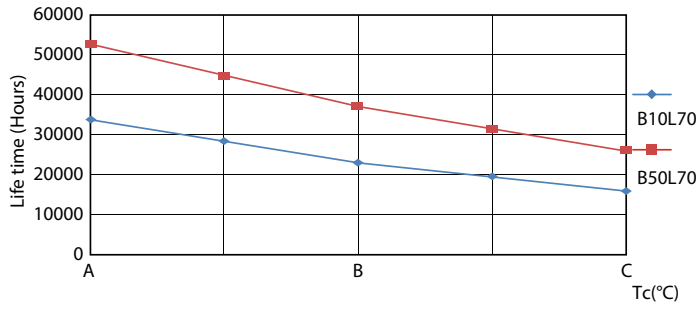
Lumen Maintenance Diagram - 15.5T8/COR/48-840/MF21/G/BAA 25/1



Lumen Maintenance Diagram - 15.5T8/COR/48-840/MF21/G/BAA 25/1

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Lifetime



Life Expectancy Diagram - 15.5T8/COR/48-840/MF21/G/BAA 25/1

