

# T8

## 12.5T8/COR/48-830/MF17/G 10/1

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
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,700 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	136.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
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	12.5 W
Lamp Current (Max)	105 mA
Lamp Current (Min)	45 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	Type B - bypass the ballast
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	140 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

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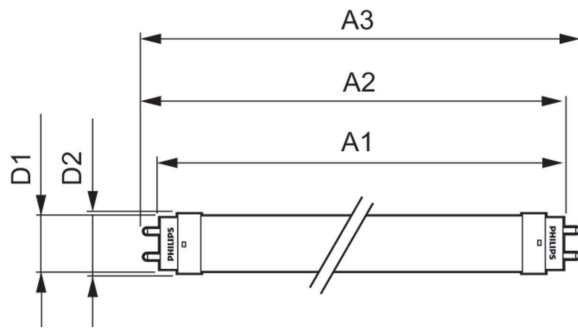
Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	Tube, double-ended
<b>Approval and Application</b>	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

## Product Data

Order product name	12.5T8/COR/48-830/MF17/G 10/1
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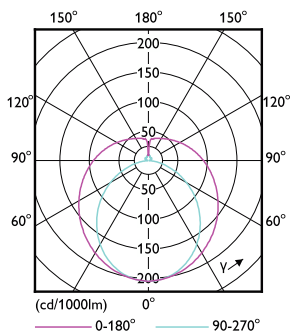
Full product name	12.5T8/COR/48-830/MF17/G 10/1
Order code	477315
Material Nr. (12NC)	929002394404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677477318
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677477313

## Dimensional drawing

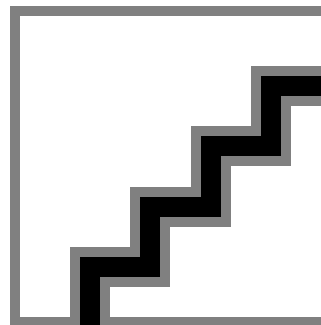


Product	12.5T8/COR/48-830/MF17/G 10/1
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## Photometric data

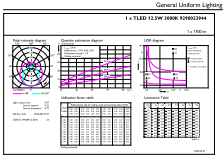


Light Distribution Diagram - 12.5T8/COR/48-830/MF17/G 10/1



Spectral Power Distribution Colour - 12.5T8/COR/48-830/MF17/G 10/1

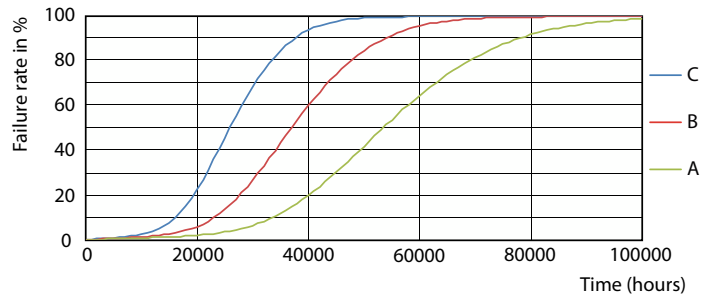
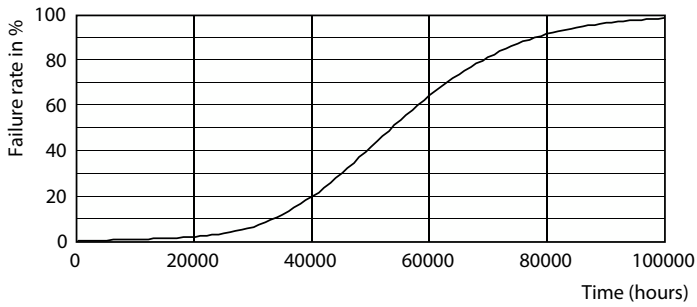
Photometric data



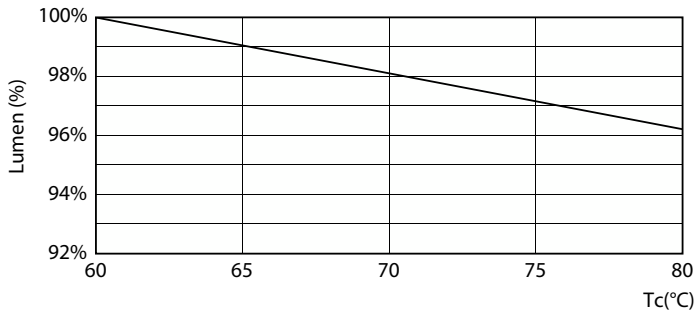
General Uniform Lighting - 12.5T8/COR/48-830/MF17/G 10/1

General uniform lighting - 12.5T8/COR/48-830/MF17/G 10/1

Lifetime

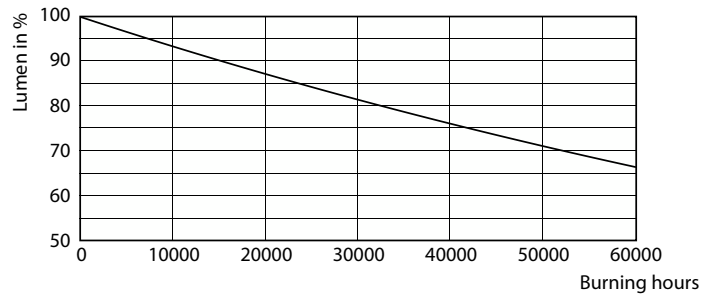


Life Expectancy Diagram - 12.5T8/COR/48-830/MF17/G 10/1



Lumen Maintenance Diagram - 12.5T8/COR/48-830/MF17/G 10/1

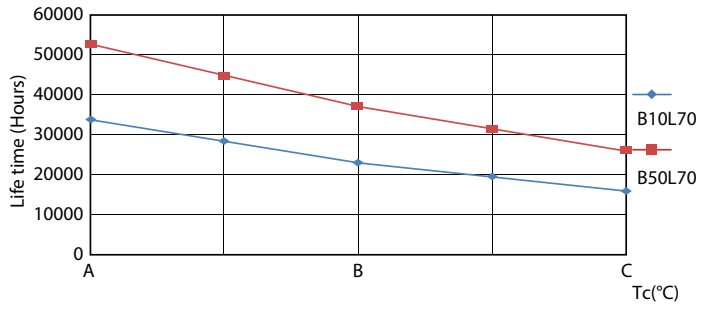
Life Expectancy Diagram - 12.5T8/COR/48-830/MF17/G 10/1



Lumen Maintenance Diagram - 12.5T8/COR/48-830/MF17/G 10/1

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## Lifetime



Life Expectancy Diagram - 12.5T8/COR/48-830/MF17/G 10/1

