

T8

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

Philips MainsFit (UL Type B) T8 LED lamps use a double-ended design which significantly simplifies installation, saving time and costs. This product is proudly manufactured in the USA and is BAA (Buy American Act) compliant. This product can replace either T8 or T12 lamps in fixtures containing shunted or non-shunted G13 (medium bi-pin) lamp holders. Available in 4ft and 2ft lengths.

Product data

General information		Lamp Current (Min)	
Base	G13 [Medium Bi-Pin Fluorescent]	65 mA	
EU RoHS compliant	Yes	Starting Time (Nom)	
Nominal Lifetime (Nom)	50000 h	0.9 s	
Switching Cycle	50000X	Warm Up Time to 60% Light (Nom)	
Technical Type	15.5-32W	0.9 s	
UL Type		Type B - bypass the ballast	
Power Factor (Nom)		0.9	
Voltage (Nom)		120-277 V	
Light technical		Temperature	
Color Code	850 [CCT of 5000K]	T-Ambient (Max)	
Beam Angle (Nom)	240 °	113 °F	
Initial lumen (Nom)	2200 lm	T-Ambient (Min)	
Color Designation	Daylight	-4 °F	
Correlated Color Temperature (Nom)	5000 K	T-Storage (Max)	
Luminous Efficacy (rated) (Nom)	141.00 lm/W	149 °F	
Color Consistency	<5	T-Storage (Min)	
Color Rendering Index (Nom)	80	-40 °F	
LLMF At End Of Nominal Lifetime (Nom)	70 %	T-Case Maximum (Nom)	
		158 °F	
Operating and electrical		Controls and dimming	
Input Frequency	50 to 60 Hz	Dimmable	
Power (Rated) (Nom)	15.5 W	No	
Lamp Current (Max)	132 mA	Mechanical and housing	
Bulb Finish		Frosted	
Bulb Material		Glass	
Product Length		48 in	

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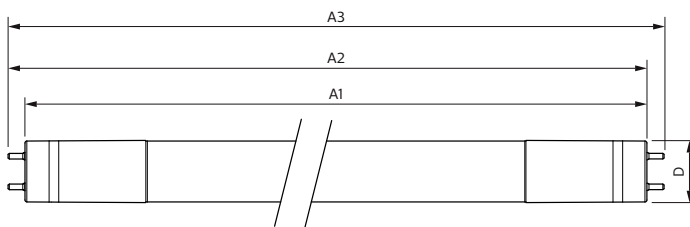
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product data

Order product name	15.5T8/COR/48-850/MF21/G/BAA 25/1
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EAN/UPC - Product	046677563745
Order code	563742
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002497804
Copy Net Weight (Piece)	0.454 lb
Model Number	9290024978

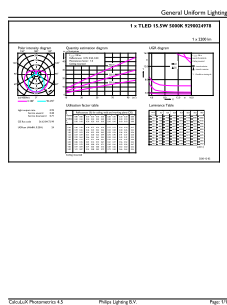
Dimensional drawing



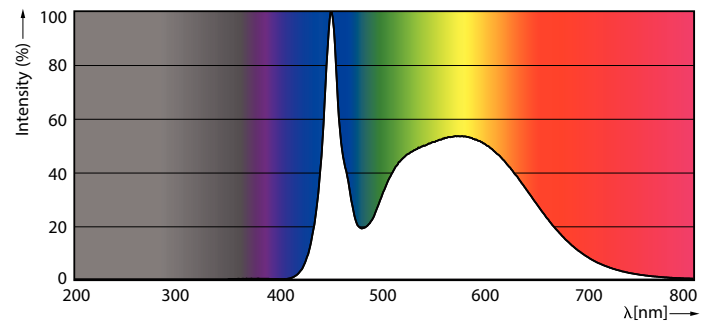
Product	D1	D2	A1	A2	A3
15.5T8/COR/48-850/ MF21/G/BAA 25/1	1-1/16 in	1-1/8 in	47-3/16 in	47-1/2 in	47-3/4 in

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Photometric data

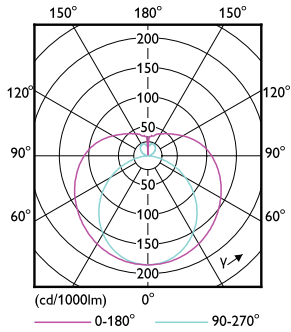


LEDtube COR 15,5W G13 2200lm 850



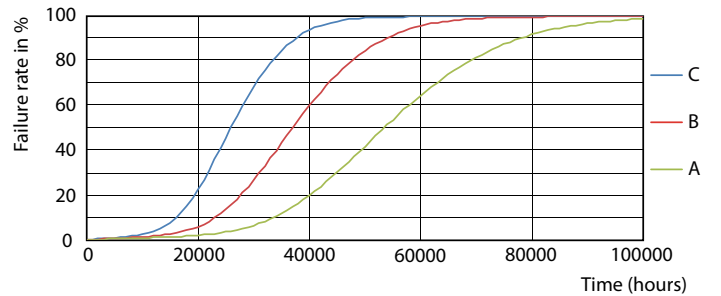
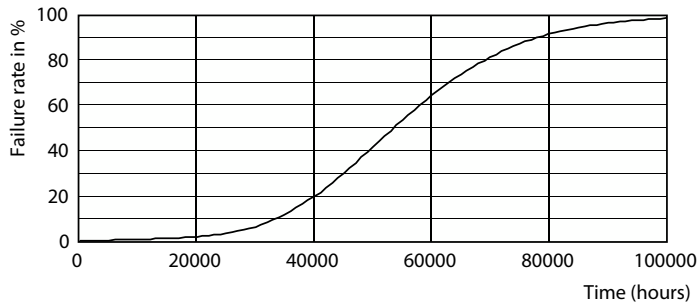
LEDtube COR 11W G13 1700lm 850

Photometric data

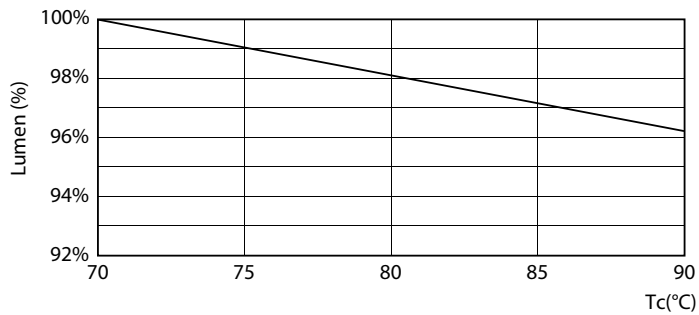


LEDtube COR 11W G13 1650lm

Lifetime

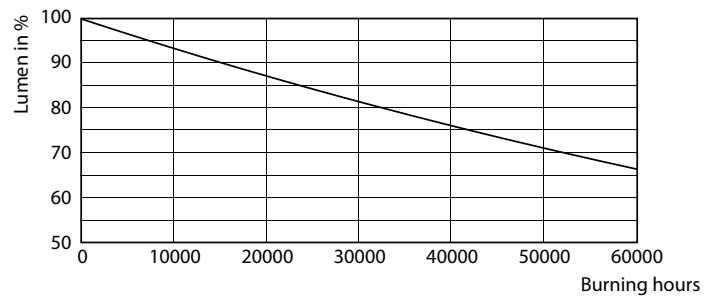


Life Expectancy Diagram



LEDtube COR 11W 50K LumenVsTc

LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

Lifetime



LEDtube 50K LifetimeVsTc-LED

