

T8

8.5T8/COR/24-840/MF11/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		Power (Rated) (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]	Power (Rated) (Nom)	8.5 W
EU RoHS compliant	Yes	Lamp Current (Max)	75 mA
Nominal Lifetime (Nom)	50000 h	Lamp Current (Min)	36 mA
Switching Cycle	50000	Wattage Equivalent	17 W
Technical Type	8.5-17W	Starting Time (Nom)	0.9 s
Buy American Compliant Products	Yes	Warm Up Time to 60% Light (Nom)	0.9 s
Tier	CorePro	UL Type	Type B - bypass the ballast
Light technical		Power Factor (Nom)	0.9
Color Code	841 [CCT of 4100K (841)]	Voltage (Nom)	120-277 V
Beam Angle (Nom)	240 °	Temperature	
Initial lumen (Nom)	1150 lm	T-Ambient (Max)	113 °F
Color Designation	Cool White (CW)	T-Ambient (Min)	-4 °F
Correlated Color Temperature (Nom)	4000 K	T-Storage (Max)	149 °F
Luminous Efficacy (rated) (Nom)	135.00 lm/W	T-Storage (Min)	-40 °F
Color Consistency	<6	T-Case Maximum (Nom)	122 °F
Color Rendering Index (Nom)	80	Controls and dimming	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	No
Operating and electrical		Mechanical and housing	
Input Frequency	50 to 60 Hz	Bulb Finish	Frosted

T8

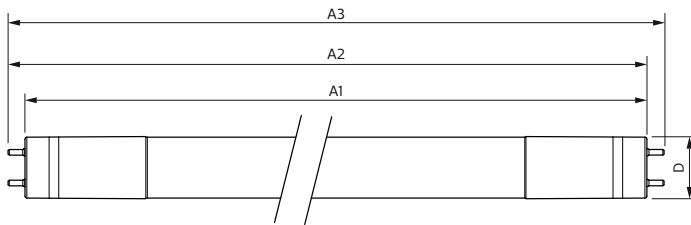
Bulb Material	Glass
Product Length	24 in
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product data

Order product name	8.5T8/COR/24-840/MF11/G/BAA 25/1
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EAN/UPC - Product	046677563769
Order code	563767
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002498004
Net Weight (Piece)	0.249 lb
Model Number	9290024980

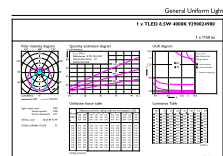
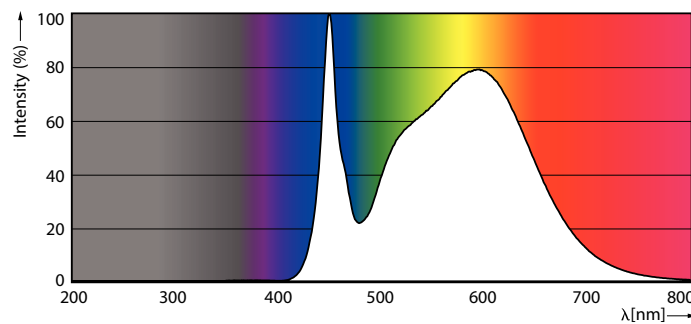
Dimensional drawing



Product	D1	D2	A1	A2	A3
8.5T8/COR/24-840/ MF11/G/BAA 25/1	1-1/16 in	1-1/8 in	23-1/4 in	23-1/2 in	23-13/16 in

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Photometric data

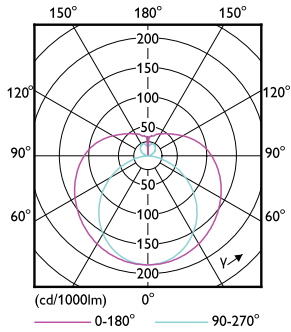


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LEDtube COR 11W G13 1700lm 840

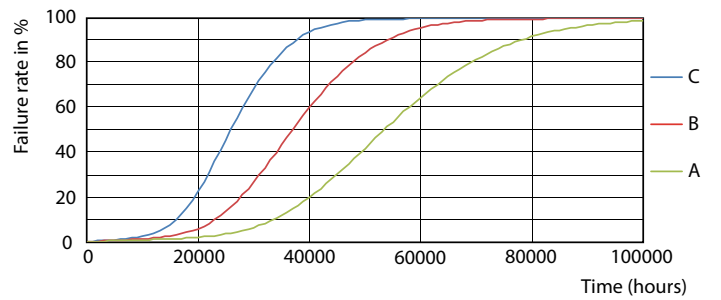
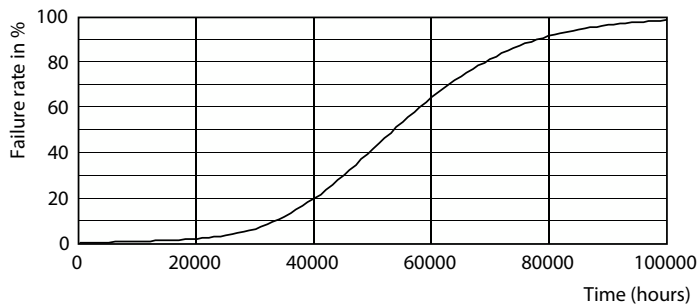
LEDtube COR 8,5W G13 1150lm 840

Photometric data

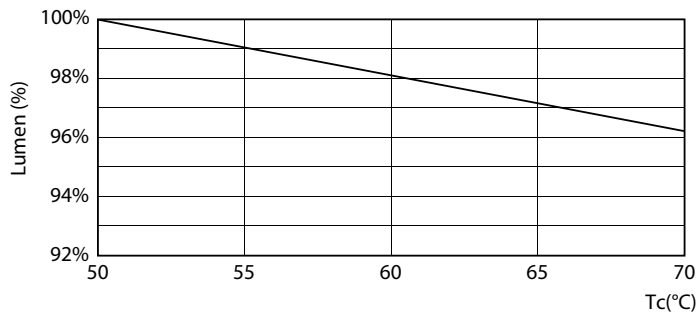


LEDtube COR 11W G13 1650lm

Lifetime

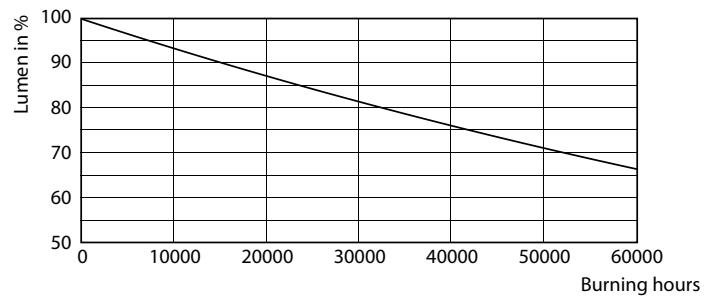


Life Expectancy Diagram



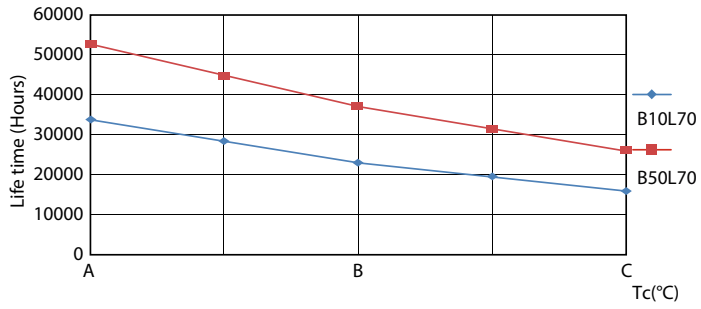
LEDtube COR 8,5W 50K LumenVsTc

LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

Lifetime



LEDtube 50K LifetimeVsTc-LED

