



T8

8.5T8/COR/24-850/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 assembled 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.

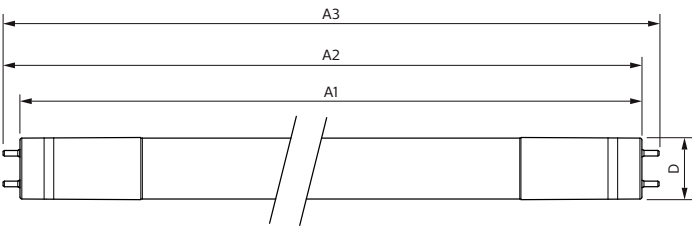
Product data

General information		Lamp Current (Max)		75 mA
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	36 mA	
EU RoHS compliant	Yes	Wattage Equivalent	17 W	
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)	0.9 s	
Switching Cycle	50000	Warm Up Time to 60% Light (Nom)	0.9 s	
Buy American Compliant Products	Yes	UL Type	Type B - bypass the ballast	
Tier	CorePro	Power Factor (Nom)	0.9	
Light technical		Voltage (Nom)	120-277 V	
Color Code	850 [CCT of 5000K]	Temperature		
Beam Angle (Nom)	240 °	T-Ambient (Max)	113 °F	
Initial lumen (Nom)	1150 lm	T-Ambient (Min)	-4 °F	
Color Designation	Daylight	T-Storage (Max)	149 °F	
Correlated Color Temperature (Nom)	5000 K	T-Storage (Min)	-40 °F	
Luminous Efficacy (rated) (Nom)	135.00 lm/W	T-Case Maximum (Nom)	122 °F	
Color Consistency	<5	Controls and dimming		
Color Rendering Index (Nom)	80	Dimmable	No	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and housing		
Operating and electrical		Bulb Finish	Frosted	
Input Frequency	50 to 60 Hz	Bulb Material	Glass	
Power (Rated) (Nom)	8.5 W			

Product Length	23-5/8 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/24-850/MF11/G/BAA 25/1

EAN/UPC - Product	046677563776
Order code	563775
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002498104
Net Weight (Piece)	0.249 lb
Model Number	9290024981

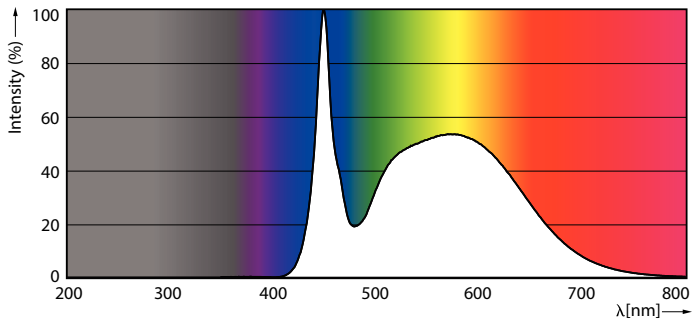
Dimensional drawing



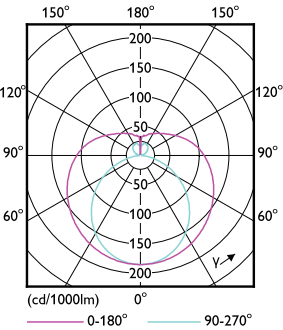
Product	D1	D2	A1	A2	A3
8.5T8/COR/24-850/ MF11/G/BAA 25/1	1-1/16 in	1-1/8 in	23-1/4 in	23-1/2 in	23-13/16 in

8.5T8/COR/24-850/MF11/G/BAA 25/1

Photometric data

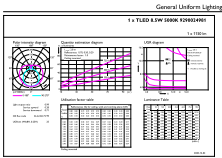


LEDtube COR 11W G13 1700lm 850



LEDtube COR 11W G13 1650lm

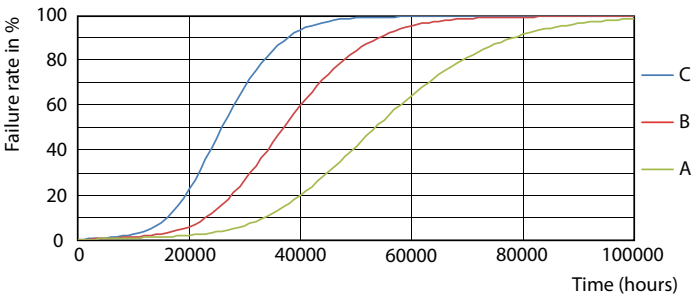
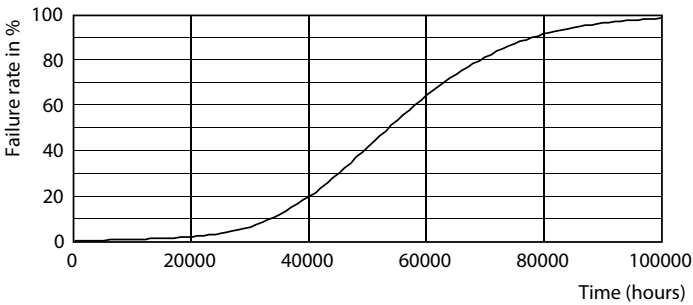
Photometric data



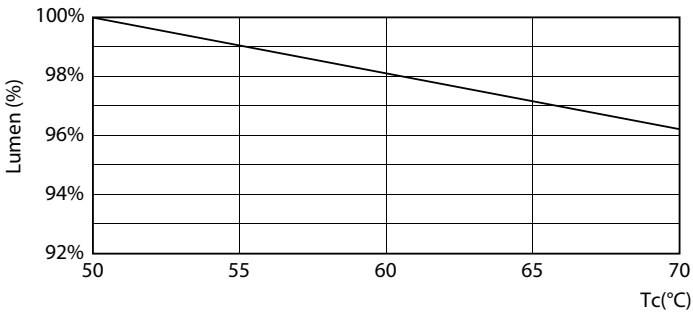
General Uniform Lighting

LEDtube COR 8,5W G13 1150lm 850

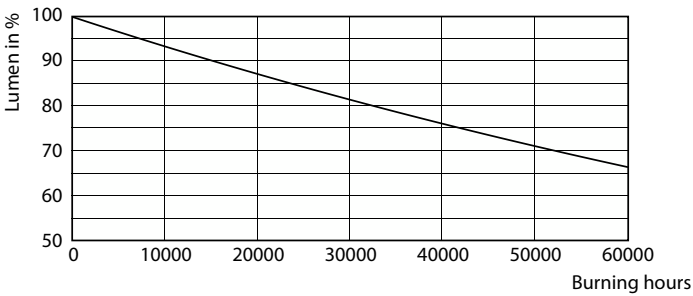
Lifetime



Life Expectancy Diagram



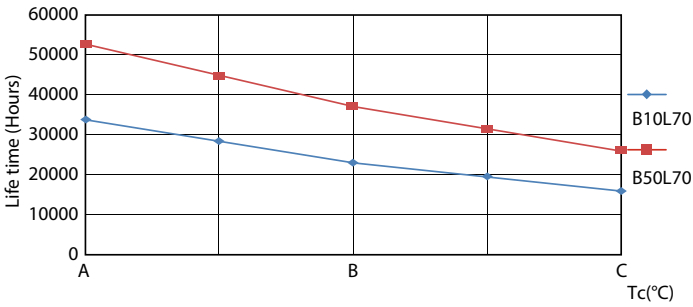
FailureRate



LEDtube COR 8,5W 50K LumenVsTc

Lumen Maintenance Diagram

Lifetime



LifetimeVsTc

