

# 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

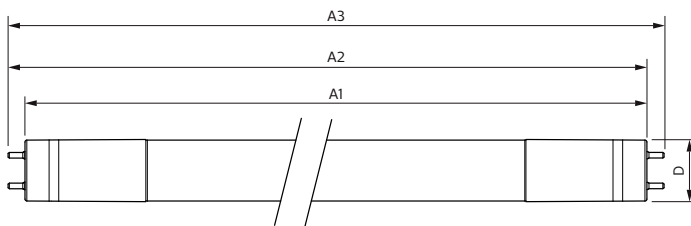
General information		Lamp Current (Max)	
Base	G13 [ Medium Bi-Pin Fluorescent]	Lamp Current (Max)	75 mA
EU RoHS compliant	Yes	Lamp Current (Min)	36 mA
Nominal Lifetime (Nom)	50000 h	Wattage Equivalent	17 W
Switching Cycle	50000	Starting Time (Nom)	0.9 s
Buy American Compliant Products	Yes	Warm Up Time 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	850 [ CCT of 5000K]	Voltage (Nom)	120-277 V
Beam Angle (Nom)	240 °	Temperature	
Initial lumen (Nom)	1150 lm	T-Ambient (Max)	113 °F
Color Designation	Daylight	T-Ambient (Min)	-4 °F
Correlated Color Temperature (Nom)	5000 K	T-Storage (Max)	149 °F
Luminous Efficacy (rated) (Nom)	135.00 lm/W	T-Storage (Min)	-40 °F
Color Consistency	<5	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
Power (Rated) (Nom)	8.5 W	Bulb Material	Glass

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Product Length	23-5/8 in
Bulb Shape	Tube, double-ended
<b>Approval and application</b>	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
<b>Product data</b>	
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

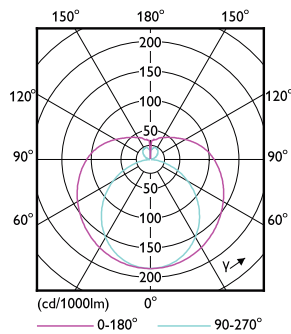
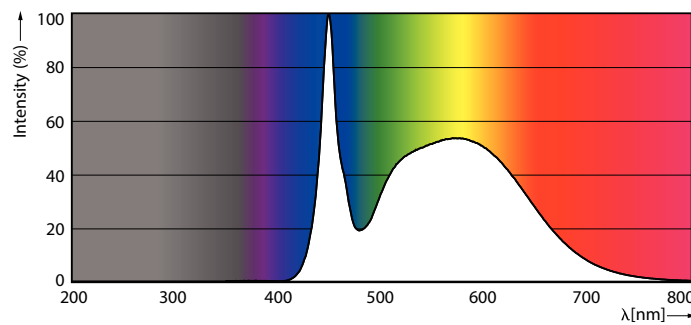
## Dimensional drawing



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

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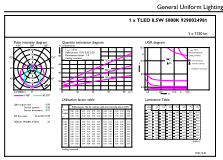
## Photometric data



LEDtube COR 11W G13 1700lm 850

LEDtube COR 11W G13 1650lm

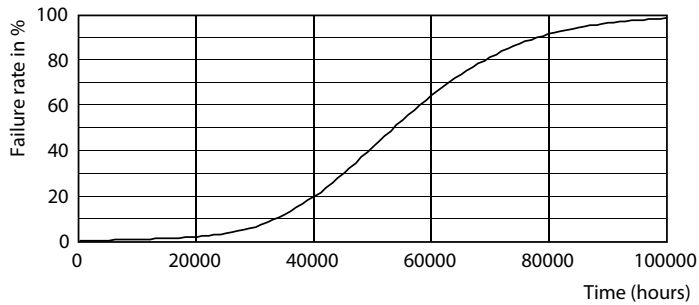
Photometric data



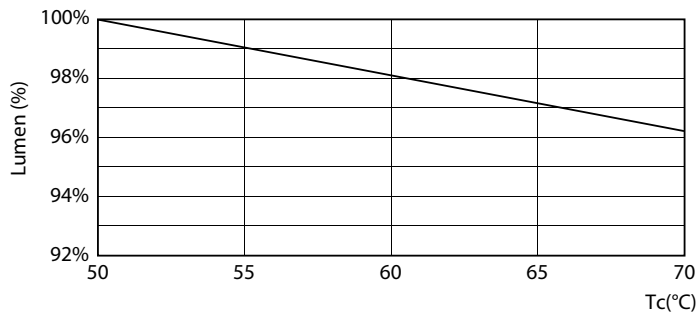
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LEDtube COR 8,5W G13 1150lm 850

Lifetime

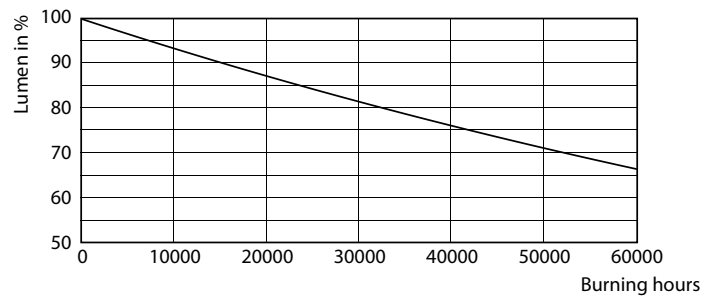


Life Expectancy Diagram



LEDtube COR 8,5W 50K LumenVsTc

LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

# T8

## Lifetime



LEDtube 50K LifetimeVsTc-LED

