



# 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 (Min)	
Base	G13 [ Medium Bi-Pin Fluorescent]		36 mA
EU RoHS compliant	Yes	Starting Time (Nom)	0.9 s
Nominal Lifetime (Nom)	50000 h	Warm Up Time to 60% Light (Nom)	0.9 s
Switching Cycle	50000X	Power Factor (Nom)	0.9
Technical Type	8.5-17W	Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	850 [ CCT of 5000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	240 °	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	1150 lm	T-Storage (Max)	65 °C
Color Designation	Daylight	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	50 °C
Luminous Efficacy (rated) (Nom)	135.00 lm/W	Controls and Dimming	
Color Consistency	<5	Dimmable	No
Color Rendering Index (Nom)	80	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish	Frosted
Operating and Electrical		Bulb Material	Glass
Input Frequency	50 to 60 Hz	Product Length	24 in
Power (Rated) (Nom)	8.5 W		
Lamp Current (Max)	75 mA		

# T8

## Approval and Application

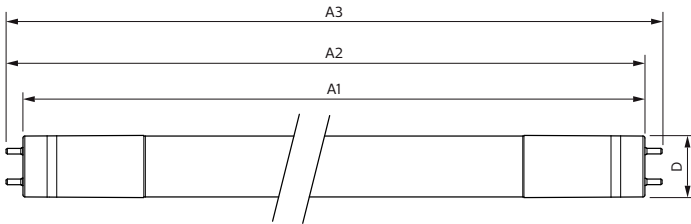
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

## Product Data

Order product name	8.5T8/COR/24-850/MF11/G/BAA 25/1
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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)	0.113 kg
Model Number	9290024981

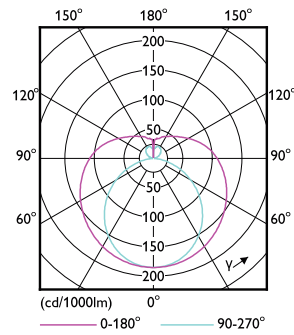
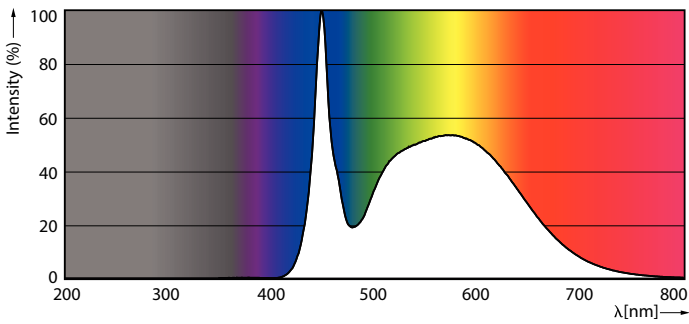
## Dimensional drawing



Product	D1	D2	A1	A2	A3
8.5T8/COR/24-850/ MF11/G/BAA 25/1	25.9 mm	28 mm	589.5 mm	595.7 mm	604 mm

TLED T8 120-277V 8.5-17W 1150lm 5000K

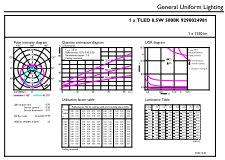
## Photometric data



LEDtube COR 11W G13 1700lm 850

LEDtube COR 11W G13 1650lm

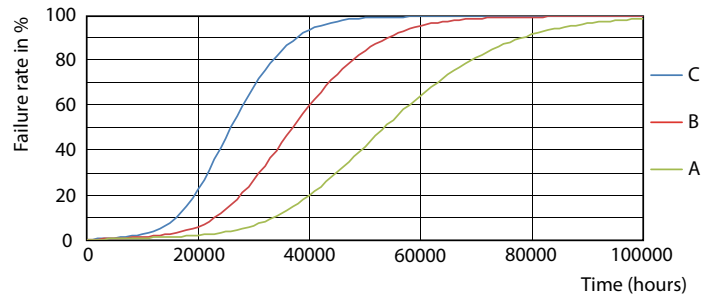
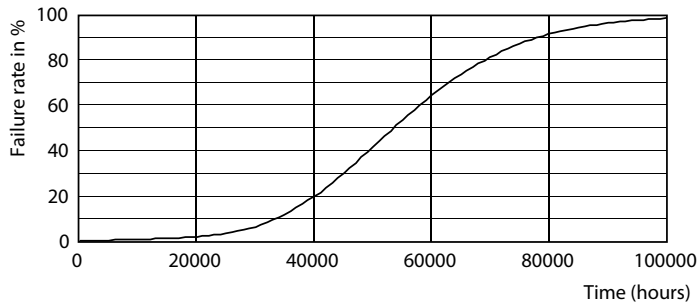
Photometric data



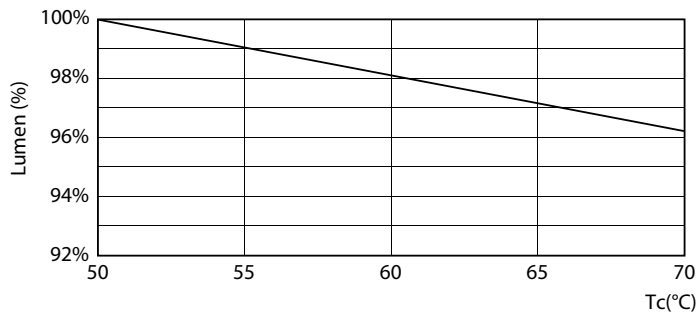
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LEDtube COR 8,5W G13 1150lm 850

Lifetime

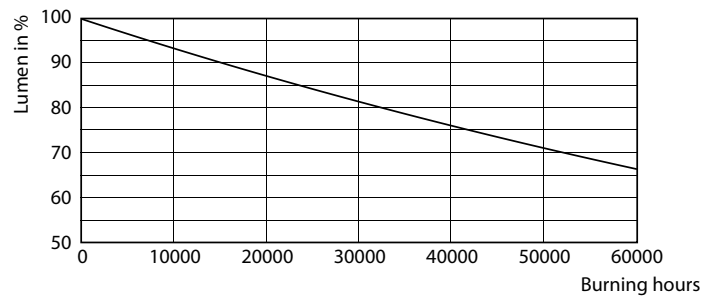


LEDtube 50K-LED



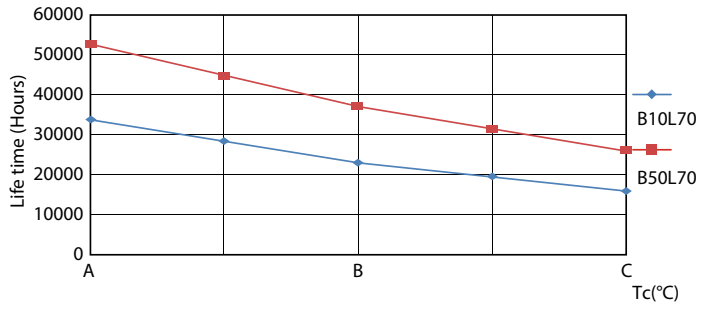
LEDtube COR 8,5W 50K LumenVsTc

LEDtube 50K FailureRate-LED



LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

