



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	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000
Technical Type	8.5-17W
Light technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1150 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	135.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	8.5 W
Lamp Current (Max)	75 mA

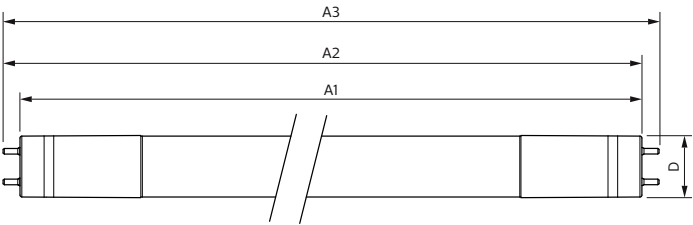
Lamp Current (Min)	36 mA
Wattage Equivalent	17 W
Starting Time (Nom)	0.9 s
Warm Up Time to 60% Light (Nom)	0.9 s
UL Type	Type B - bypass the ballast
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Storage (Max)	149 °F
T-Storage (Min)	-40 °F
T-Case Maximum (Nom)	122 °F
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	24 in

Bulb Shape	Tube, double-ended
Approval and application	
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/24-840/MF11/G/BAA 25/1

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

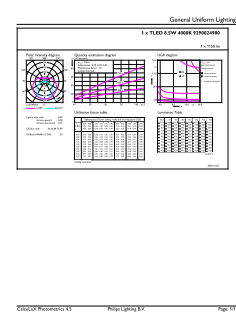
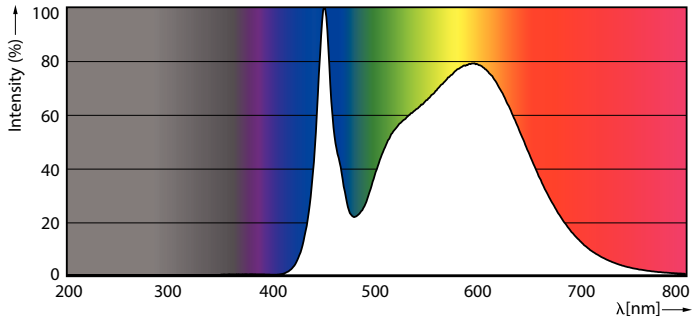
Dimensional drawing



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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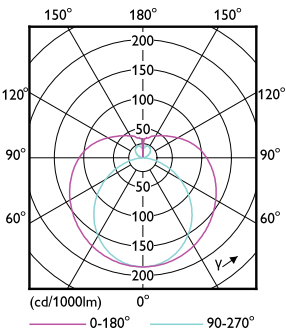
Photometric data



LEDtube COR 11W G13 1700lm 840

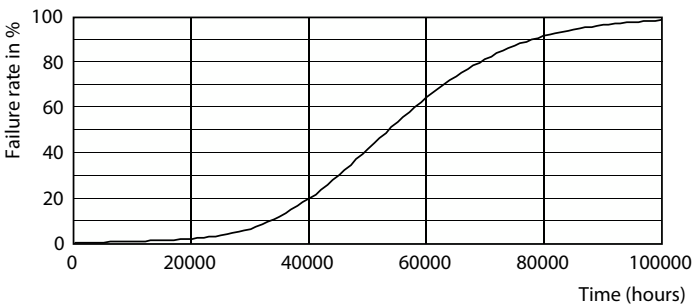
LEDtube COR 8,5W G13 1150lm 840

Photometric data

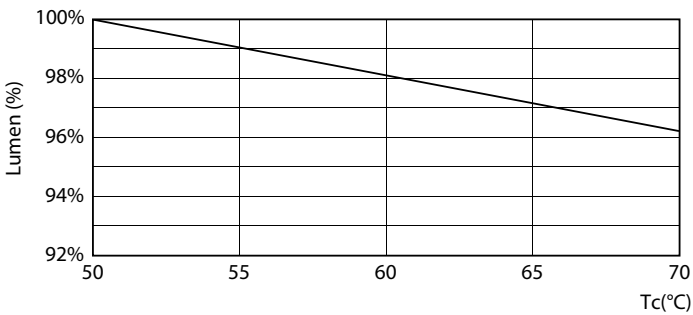


LEDtube COR 11W G13 1650lm

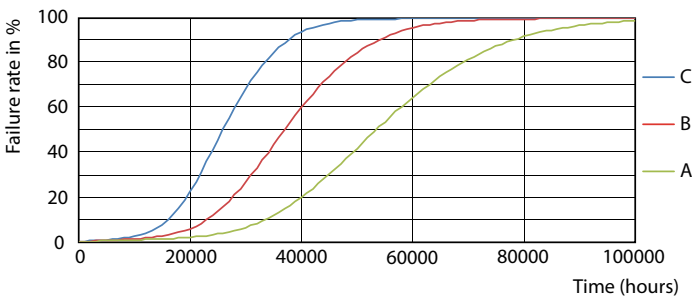
Lifetime



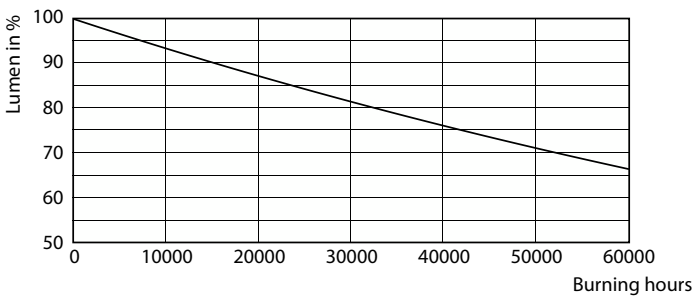
Life Expectancy Diagram



LEDtube COR 8,5W 50K LumenVsTc

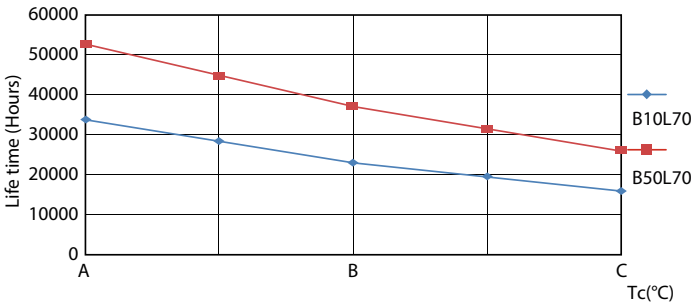


LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

Lifetime



LEDtube 50K LifetimeVsTc-LED

