



T8

11T8/COR/48-850/MF16/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]		44 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	11-32W	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)	1700 lm	T-Storage (Max)	65 °C
Color Designation	Daylight	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	70 °C
Luminous Efficacy (rated) (Nom)	154.00 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	48 in
Power (Rated) (Nom)	11 W		
Lamp Current (Max)	106 mA		

T8

Approval and Application

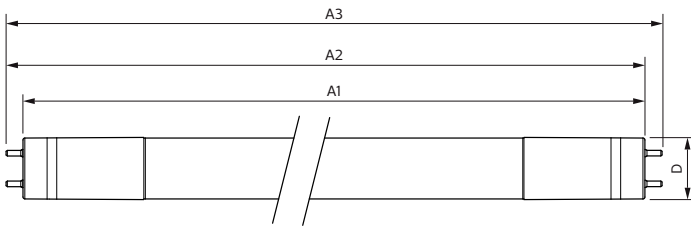
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	11T8/COR/48-850/MF16/G/BAA 25/1
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EAN/UPC - Product	046677563714
Order code	563718
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002497504
Net Weight (Piece)	0.206 kg
Model Number	9290024975

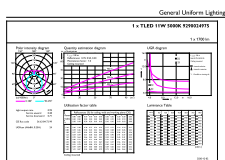
Dimensional drawing



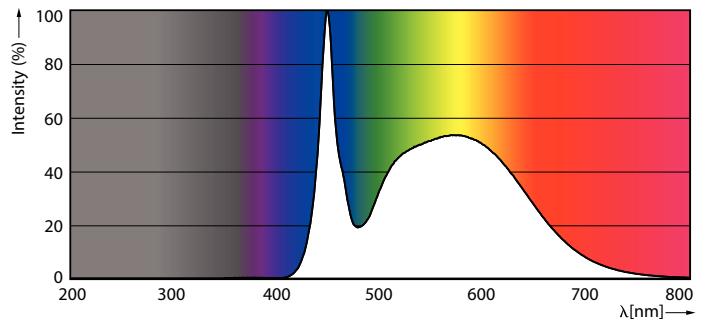
Product	D1	D2	A1	A2	A3
11T8/COR/48-850/ MF16/G/BAA 25/1	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

TLED T8 120-277V 11-32W 1700lm 5000K G13

Photometric data



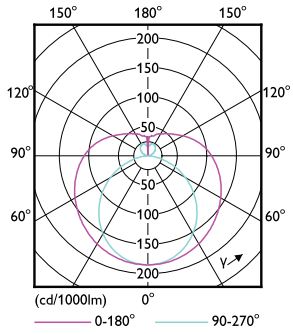
OSRAM Photometric Data | Philips Lighting BV | Page 11



LEDtube COR 11W G13 1700lm 850

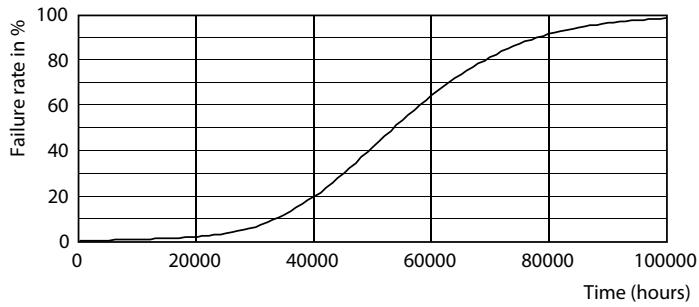
LEDtube COR 11W G13 1700lm 850

Photometric data

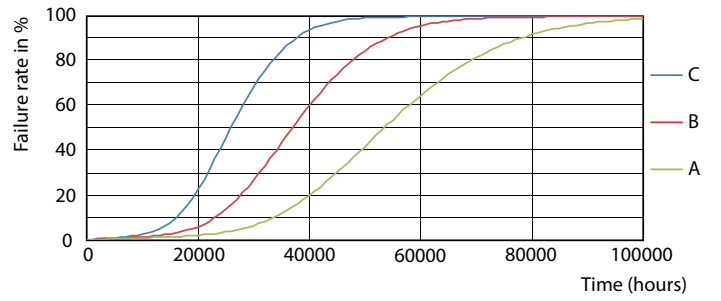


LEDtube COR 11W G13 1650lm

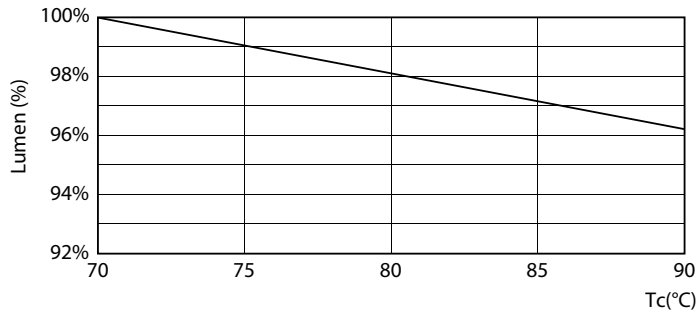
Lifetime



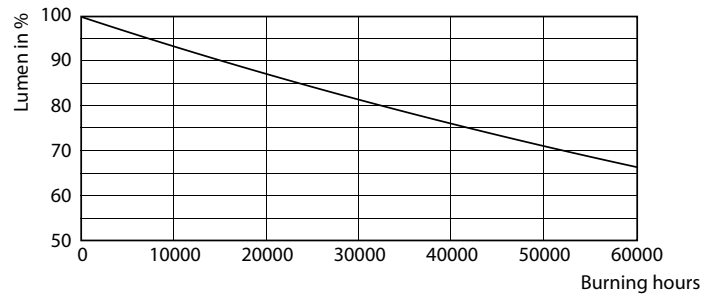
LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube COR 11W 50K LumenVsTc



LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

