



T8

15.5T8/COR/48-850/MF21/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		Lamp Current (Min)	
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	65 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	UL Type	Type B - bypass the ballast
Technical Type	15.5-32W	Power Factor (Nom)	0.9
		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)	2200 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)	141.00 lm/W		
Color Consistency	<5	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical		Mechanical and Housing	
Input Frequency	50 to 60 Hz	Bulb Finish	Frosted
Power (Rated) (Nom)	15.5 W	Bulb Material	Glass
Lamp Current (Max)	132 mA	Product Length	48 in

T8

Approval and Application

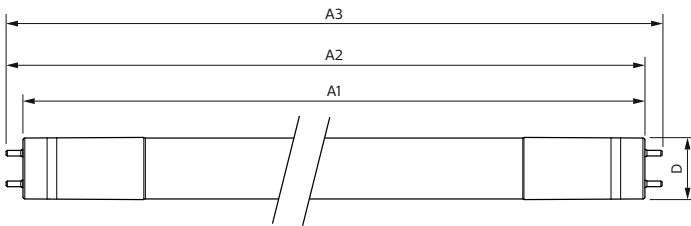
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	15.5T8/COR/48-850/MF21/G/BAA 25/1
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EAN/UPC - Product	046677563745
Order code	563742
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002497804
Net Weight (Piece)	0.206 kg
Model Number	9290024978

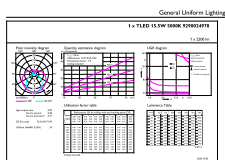
Dimensional drawing



Product	D1	D2	A1	A2	A3
15.5T8/COR/48-850/ MF21/G/BAA 25/1	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

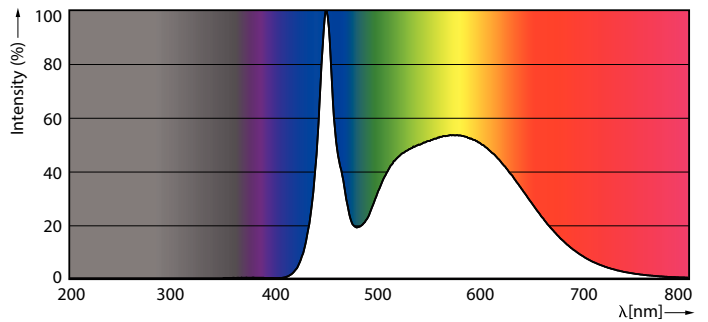
TLED T8 120-277V 15.5-32W 2200lm 5000K

Photometric data



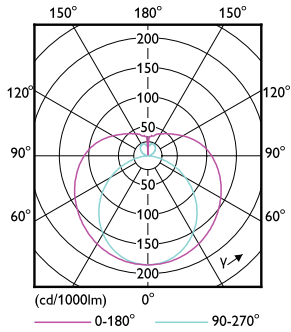
OSRAM Photometric Data | Philips Lighting B.V. | Page 11

LEDtube COR 15,5W G13 2200lm 850



LEDtube COR 11W G13 1700lm 850

Photometric data

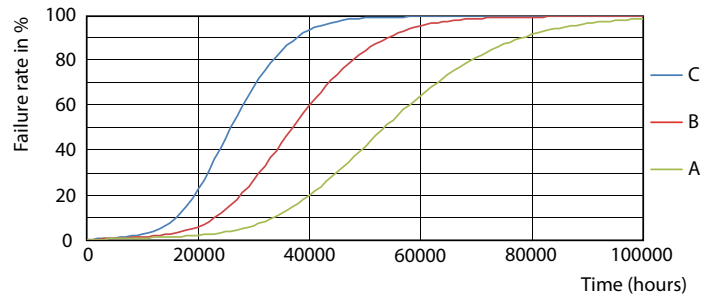


LEDtube COR 11W G13 1650lm

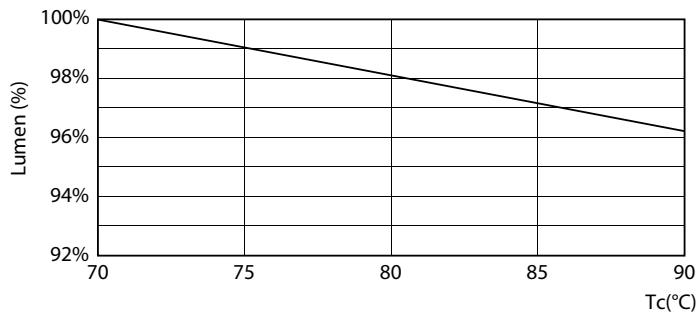
Lifetime



LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube COR 11W 50K LumenVsTc



LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

