PHILIPS Lighting

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.
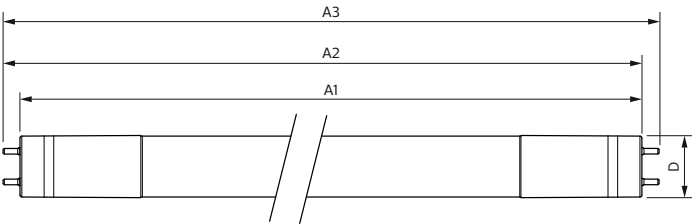
Product data

General information

Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000
Buy American Compliant Products	Yes
Tier	CorePro

Light technical

Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	2200 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	141.00 lm/W
Color Consistency	<5
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)	15.5 W

Lamp Current (Max)	132 mA
Lamp Current (Min)	65 mA
Wattage Equivalent	32-30-28-25 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)	158 °F

Controls and dimming

Dimmable	No

Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass

T8

Product Length	47-1/4 in		**EAN/UPC – Product**	046677563745
Bulb Shape	Tube, double-ended		**Order code**	563742
			Numerator – Quantity Per Pack	1
Approval and application			**Numerator – Packs per outer box**	25
Energy Saving Product	Yes		**Material Nr. (12NC)**	929002497804
Approbation Marks	RoHS compliance UL certificate DLC compliance		**Net Weight (Piece)**	0.454 lb
			Model Number	9290024978
Energy Consumption kWh/1000 h	– kWh			

Product data	
Order product name	15.5T8/COR/48-850/MF21/G/BAA 25/1

Dimensional drawing

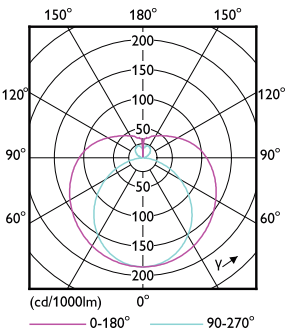| Product	D1	D2	A1	A2	A3
15.5T8/COR/48-850/MF21/G/BAA 25/1	1-1/16 in	1-1/8 in	47-3/16 in	47-1/2 in	47-3/4 in

15.5T8/COR/48-850/MF21/G/BAA 25/1

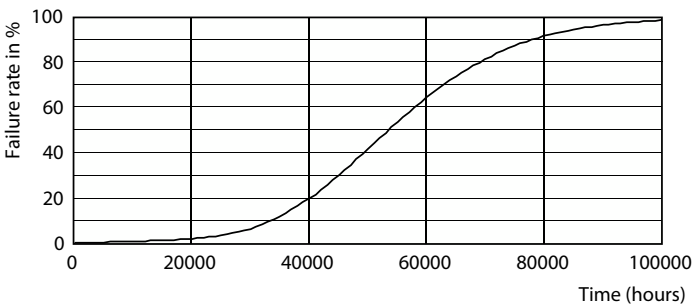## Photometric data
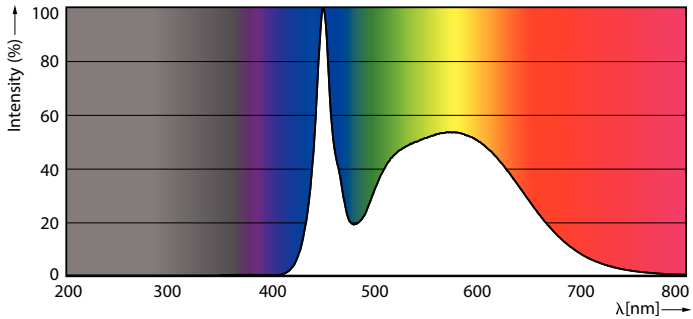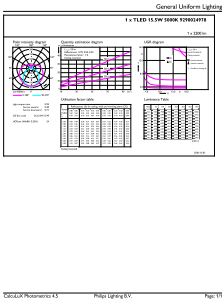
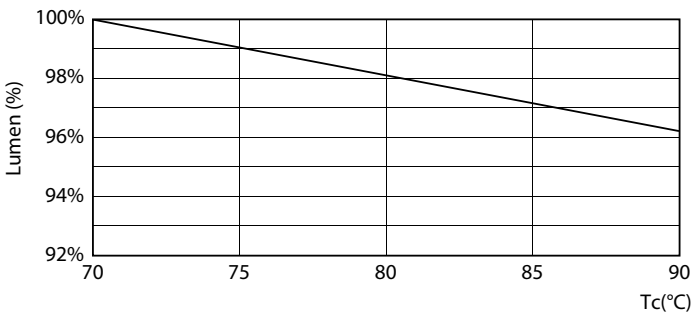LEDtube COR 15,5W G13 2200lm 850

LEDtube COR 11W G13 1700lm 850

T8

Photometric data

Lifetime

T8
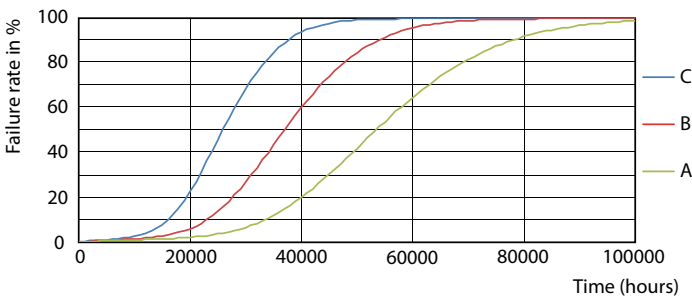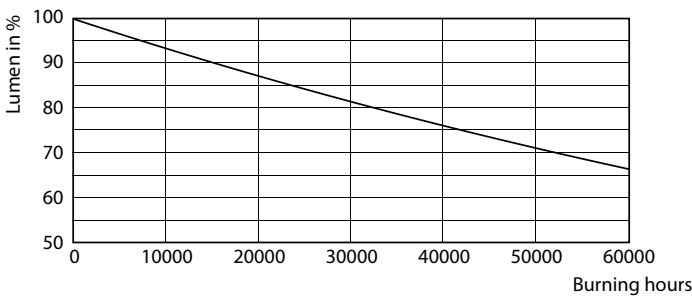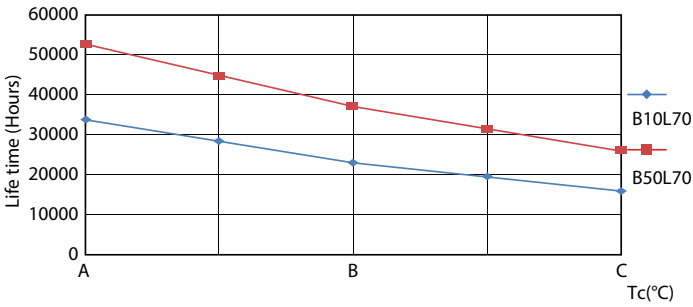
Lifetime

LEDtube 50K LifetimeVsTc-LED