



DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	

SINGLE-END TYPE B LED TUBES

KEY FEATURES

LEDS LLC's single-end G13 Type B lamps offer maintenance free replacement for dated fluorescent lamps. They come in 2ft, 3ft, and 4ft lengths providing bright uniform, end-to-end lighting, making them suitable for use in buildings with high ceilings like warehouses, distribution centers, or department stores.

CCT & Light Quality

- 3500K, 80+ CRI

Light Output

- Light Output: 900lm, 1450lm, 1650lm options
- Efficacy Rating: up to 143 LPW
- Life time rating 50,000 hrs.

Dimming

- Continuous Dimming to 10% or below

SPECIFICATIONS

Construction

- Glass coating powder tube
- Plastic lamp holder
- G13 Cap Type

Optics

- Beam angle: 180°

Electrical

- Operates at 120-277, 50/60Hz
- Power Factor: > 0.9 nominal | THD <20%
- Operating Temperature: -20°F to 113°F (-4°C to 45°C)

Warranty

5-Year Standard Warranty. See terms at: LEDS-LLC.com



Certifications & Test Data

- cULus Classified, IP20
- RoHS compliant with no lead or mercury
- DLC Standard Listed. Search qpl.designlights.org for details

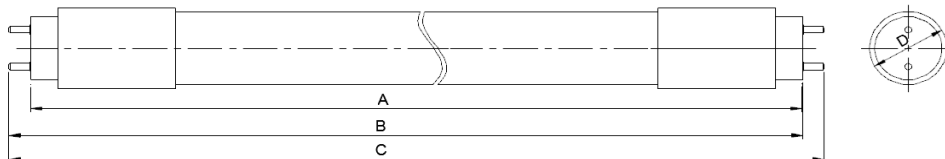


KEY DATA	
Lumen	900, 1450, 1650lm
Wattage	7W, 12W, 11.5W
Fluorescent Equivalent	17-32W
Efficacy Range (LPW)	120-143
Reported Life (Hours)	L70 / 50,000

STOCK ORDERING INFORMATION

Catalog Part Number	Order Code	Size	Lumen Package	Wattage	Efficacy	CCT	CRI	Voltage	Dimming	DLC Listed*
T8-F2-735-B	T81400	2 ft	900lm	7W	128 LPW	3500K	80 (min)	120-277V	0-10V	Standard
T8-F3-1235-B	T81410	3 ft	1450lm	12W	120 LPW	3500K	80 (min)	120-277V	0-10V	Standard
T8-F4-1135-B	T81420	4 ft	1650lm	11.5W	143 LPW	3500K	80 (min)	120-277V	0-10V	Standard

DIMENSIONS



Catalog Part Number	Cap	Dimensions	A (Max)	B (Max)	C (Max)	D (Max)
T8-F2-735-B	G13	1 in x 23.6 in	23.2 in	23.5 in	23.7 in	1.1 in
T8-F3-1235-B	G13	1 in x 35.4 in	35.2 in	35.5 in	35.7 in	1.1 in
T8-F4-1135-B	G13	1 in x 47.2 in	47.2 in	47.5 in	47.7 in	1.1 in



LEDS, LLC
email: orders@LEDS-LLC.com | LEDS-LLC.com

All specifications are subject to change without notice. All reported values are typical, measured under laboratory conditions @ 25° C (77° F). Actual performance can vary slightly as a result of end-user application & environment.

PHOTOMETRICS

Luminaire Data: T8-F2-735-B

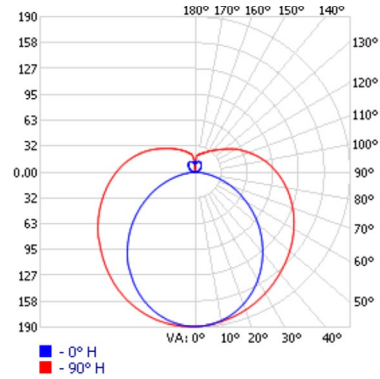
IES File Name	T8-F2-735-B.IES
CCT & CRI	3500K, 80CRI
Delivered Lumens	935.1
Wattage	7.15W
Efficacy	130 LPW
Beam Angle	50% = 105.3° 10% = 160.4°
Spacing	0° = 1.21 90° = 1.37

Photometric values based on tests performed in compliance with LM-63 & LM-79.

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	148.1	15.8%
0-40	245.4	26.2%
0-60	457.1	48.9%
0-90	711.7	76.1%
0-180	935.0	100%

Candela Plot



Luminaire Data: T8-F3-1235-B

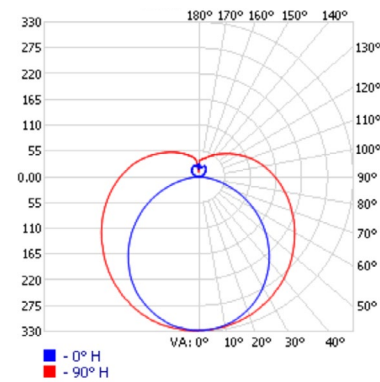
IES File Name	T8-F3-1235-B.IES
CCT & CRI	3500K, 80CRI
Delivered Lumens	1660.1
Wattage	11.52W
Efficacy	144 LPW
Beam Angle	50% = 109.4° 10% = 160.5°
Spacing	0° = 1.24 90° = 1.38

Photometric values based on tests performed in compliance with LM-63 & LM-79.

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	259.3	15.6%
0-40	431.8	26%
0-60	809.6	48.8%
0-90	1,259.3	75.9%
0-180	1,659.9	100%

Candela Plot



Luminaire Data: T8-F4-1135-B

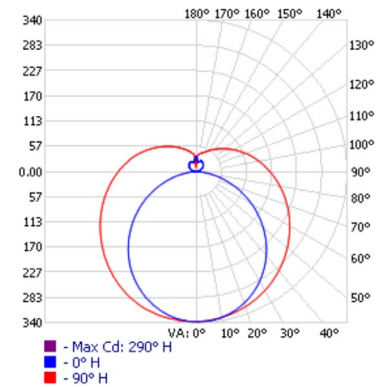
IES File Name	T8-F4-1135-B.IES
CCT & CRI	3500K, 80CRI
Delivered Lumens	1720.2
Wattage	11.54W
Efficacy	149 LPW
Beam Angle	50% = 109.8° 10% = 162.5°
Spacing	0° = 1.26 90° = 1.39

Photometric values based on tests performed in compliance with LM-63 & LM-79.

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	267.2	15.5%
0-40	445.1	25.9%
0-60	835.2	48.6%
0-90	1,301.0	75.6%
0-180	1,720.0	100%

Candela Plot



Load Information

Power Factor	> 0.90
THD	< 20%
Frequency	50/60 Hz
Low Temp Start/Max Temp	-20°F to 113°F (-4°C to 45°C)