



LED T8 Composite Tube Lights, 4 ft

18 Watts – Clear or Frosted Lens – 4000K & 5000K White – 100~277VAC – 2 Pin / G13 Base



FEATURES

- 5 Year LEDtronics Warranty
- Direct Retrofit into 4-Ft Fluorescent T8/T12 Fixtures
- Energy Savings of up to 50%
- Lumen Maintenance over 70% @ up to 50,000 Hours
- 110~120 Degree Wide, High-Lumen Illumination
- Even Lighting, No Buzzing, No Flickering, Instant Start
- No UV/IR Radiation, No RF Interference
- DLC Listed, UL/cUL Classified: E335951 (T8-F12B-18W)
- No Toxic Mercury - RoHS Compliant
- LM79 & LM80 Reports on File

APPLICATIONS

- Office Lighting
- Production Area
- Warehouse Lighting
- Coolers, Freezers & Damp Locations
- Retail Store Display Lighting
- Transportation
- Undercabinet Lighting
- General & Street Sign Backlighting

AVAILABLE OPTIONS

- Other Tube Lengths
- Other Color Temperatures
- Other Voltages

Over 30 Years of LEDtronics Design, Engineering & Manufacturing Experience

Frosted Lens

T8-F12B-18W 4000K FRS (Natural White)
T8-F12B-18W 5000K FRS (Pure White)

| | 4000K | 5000K |
|--------------------|--------------------------------------|------------|
| Input Power | 18 Watts | |
| Input Voltage | 100~277VAC (Tested @ 120VAC) | |
| Input Current | 0.150A | 0.155A |
| Total Lumens | 2200 lm | |
| Efficacy | 122 lm/W | |
| Power Factor | 0.9 | |
| CRI | 80 | |
| Color Temperature | 4000K | 5000K |
| Emitted Color | Natural White | Pure White |
| Illumination Angle | 110° | |
| Dimmability | Not Dimmable | |
| Oper. Temperature | -4°F to 113°F (-20°C to 45°C) | |
| Heatsink | Aluminum Alloy / Silver Color | |
| Lens | Polycarbonate / Frosted White | |
| Base | 2-Pin G13 | |
| Dimensions | 47.78 x Ø1.02 inch / 1213.6 x Ø26 mm | |
| Net Weight | 0.60 lb / 272.1 g | |
| DLC Product Code | PSAJQ93W | PTKXBAAD |



Clear Lens

T8-F12B-18W 4000K CLR

| | 4000K |
|--------------------|--------------------------------------|
| Input Power | 18 Watts |
| Input Voltage | 100~277VAC (Tested @ 120VAC) |
| Input Current | 0.150A |
| Total Lumens | 2200 lm |
| Efficacy | 100 lm/W |
| Power Factor | 0.9 |
| CRI | 80 |
| Color Temperature | 4000K |
| Emitted Color | Natural White |
| Illumination Angle | 120° |
| Dimmability | Not Dimmable |
| Oper. Temperature | -4°F to 113°F (-20°C to 45°C) |
| Heatsink | Aluminum Alloy / Silver Color |
| Lens | Polycarbonate / Clear |
| Base | 2-Pin G13 |
| Dimensions | 47.78 x Ø1.02 inch / 1213.6 x Ø26 mm |
| Net Weight | 0.60 lb / 272.1 g |
| DLC Product Code | PM44K9TU |

Uses 18 Watts, Replaces Fluorescents up to 36W



LEDTRONICS®

America's Premium Brand LED Company™



23105 Kashiwa Court, Torrance, CA 90505
Phone: (800) 579.4875 / (310) 534.1505
Fax: (310) 534.1424
E-mail: info@ledtronics.com
Website: ledtronics.com



© 2018 LEDtronics, Inc.

To order LEDtronics products, contact the Distributor or Sales Representative in your area.

Visit our website to find your local Distributor or Representative from our worldwide network:

LEDtronics.com

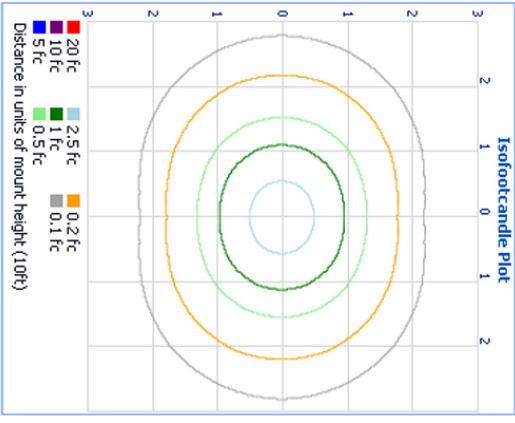
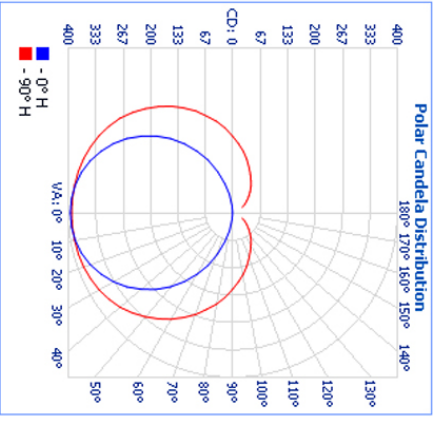
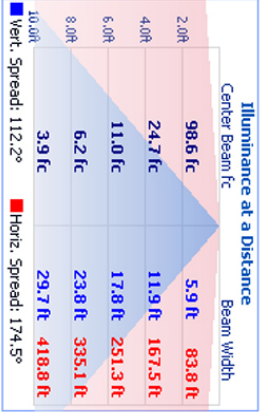
LED T8 Composite Housing Tube Lights – 4 ft / 18 Watts

LEDtronics-Compiled Photometric Reports

Luminaire Photometric Report

Filename: T8-F12B-18W-5000K-FRS
 Manufacturer: LEDTRONICS
 Luminaire: CLEAR LENS, 18, 1W, 120VAC
 Lamp Output: 1 lamp, rated lumens/lamp: 1871.5
 Max Candela: 394.4 at Horizontal: 0°, Vertical: 0°
 Luminous Opening: Point
 Test: 12-21-17
 Photometry : Type C
 CIE Class: Semi-Direct
 Cutoff Class: Noncutoff

| Zone | Lumens % Total | Zone Lumens % Total |
|-------|----------------|---------------------|
| 0-10 | 37.3 | 2.0% |
| 10-20 | 108.4 | 5.8% |
| 20-30 | 169.3 | 9.0% |
| 30-40 | 213.8 | 11.4% |
| 40-50 | 237.3 | 12.7% |
| 50-60 | 238.2 | 12.7% |
| 60-70 | 219.1 | 11.7% |
| 70-80 | 184.2 | 9.8% |
| 80-90 | 144.5 | 7.7% |



Luminaire Photometric Report

Filename: T8-F12B-18W-4000K-CLR
 Manufacturer: LEDTRONICS
 Luminaire: CLEAR LENS, 18, 1W, 120VAC
 Lamp Output: 1 lamp, rated lumens/lamp: 2238.9
 Max Candela: 740.9 at Horizontal: 90°, Vertical: 5°
 Luminous Opening: Point
 Test: 12-21-17
 Photometry : Type C
 CIE Class: Direct
 Cutoff Class: Cutoff
 Nema Type: 7 X 7

| Zone | Lumens % Total | Zone Lumens % Total |
|-------|----------------|---------------------|
| 0-10 | 68.9 | 3.1% |
| 10-20 | 198.5 | 8.9% |
| 20-30 | 307.5 | 13.7% |
| 30-40 | 374.3 | 16.7% |
| 40-50 | 420.3 | 18.8% |
| 50-60 | 392.9 | 17.5% |
| 60-70 | 289.9 | 12.9% |
| 70-80 | 142.1 | 6.3% |
| 80-90 | 44.4 | 2.0% |

