



# LED T8 Tube Light, 8 ft, 45 Watt, Frosted

Replaces Fluorents up to 72W – 120~277VAC – 5000K White – 1 Pin / Fa8 Base – UL



## FEATURES

- 5 Year LEDtronics Limited Warranty
- UL/cUL Classified (E348900, SYH-X08-2436YZ)
- Energy Savings of up to 50%
- Lumen Maintenance over 70% @ 50,000+ Hours
- Direct Retrofit into 8-ft Fluorescent T8 1-Pin Fa8 Fixtures with Simple Ballast Bypass
- Even Lighting, No Buzzing or Flickering, No Halation, High CRI
- No UV/IR Radiation, No RF Interference
- No Toxic Mercury or Lead – RoHS Compliant

## AVAILABLE OPTIONS

- Other Watts/Lumens, Voltages & Color Temperatures
- Other Tube Lengths

## APPLICATIONS

- Ceiling Lights in Office, Schools, Hallways
- Parking Structure & Garage Lighting
- Lighting in Production Areas, Warehouses
- Task Lighting, Cubicles, Workbenches
- Coolers, Freezers, Vending Machines
- Retail Store Display Lighting
- Transportation, Railroad, Buses
- Undercabinet or Cabinet Lights
- Light Boxes, Signage Backlighting
- Cove Lighting, Closet Illumination
- Concealed Accent Lighting, Edge Lighting

Over 30 Years of LEDtronics Design, Engineering & Manufacturing Experience

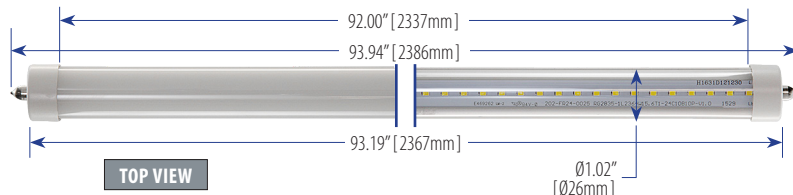
1-Pin  
Fa8 Base



Frosted Lens

## LED96T8SM-45W-XPW-101WF

<b>Input Power</b>	45 Watts
<b>Input Voltage</b>	100VAC~277VAC (Tested @ 120VAC)
<b>Input Current</b>	0.370A
<b>Total Lumens</b>	4325 lm
<b>Max. Candela</b>	1160 cd
<b>Power Factor</b>	0.95
<b>Efficacy</b>	100 lm/W
<b>Emitted Color</b>	Pure White
<b>Color Temperature</b>	5000K~5500K
<b>CRI</b>	>80
<b>Illumination Angle</b>	140° x 115°
<b>Oper. Temperature</b>	-4°F to 113°F (-20°C to 45°C)
<b>Protection Rating</b>	IP20
<b>Heatsink</b>	Aluminum Alloy / Silver Color
<b>Lens</b>	Polycarbonate / Clear
<b>Base</b>	1 Pin / Fa8
<b>Dimensions</b>	93.94 x Ø1.02 inch / 2386 x Ø26 mm
<b>Net Weight</b>	1.55 lbs / 703 g



# LEDTRONICS®

Creating the Future of LED Light Since 1983™



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LOG 658 / Rev 08-2016

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**PHOTOMETRIC REPORT:**

**LED96T8SM-45W-XPW-101WF**

**Filename:** LED96T8SM-45W-XPW-101WF

**Manufacturer:** LEDTRONICS

**Luminaire:** FROSTED LENS, 42.9W, 120VAC

**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 4324.8

**Max Candela:** 1,160.0 at Horizontal: 0°, Vertical: 0°

**Luminous Opening:** Point

**Test:** 7-25-16

**Photometry :** Type C

**CIE Class:** Semi-Direct

**Cutoff Class:** Noncutoff

**Nema Type:** 7 X 7

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	108.9	2.5%	90-100	186.4	4.3%
10-20	312.1	7.2%	100-110	127.1	2.9%
20-30	475.3	11.0%	110-120	87.1	2%
30-40	580.6	13.4%	120-130	58.5	1.4%
40-50	618.7	14.3%	130-140	0	0%
50-60	591.2	13.7%	140-150	0	0%
60-70	509.2	11.8%	150-160	0	0%
70-80	393.2	9.1%	160-170	0	0%
80-90	276.5	6.4%	170-180	0	0%

