



# LED T8 Tube Light, 8 ft, 35 Watts

Clear or Frosted Lens – 100~277VAC – 4000K or 5000K White – Wide Beam – UL



Replaces 60 to 72 Watt Fluorescents

## FEATURES

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

## 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

LED96T8SM-36W-XPW-101WC (Clear Lens)  
LED96T8SM-36W-XPW-101WF (Frosted Lens)

	101WC	101WF
Input Power	34 Watts	35 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.288 A	0.290 A
Total Lumens	4729 lm	4295 lm
Max. Candela	1471 cd	1035 cd
Power Factor	0.97	0.95
Efficacy	139 lm/W	135 lm/W
Emitted Color	Pure White	
Color Temperature	5000K~5500K	
CRI	>80	
Illumination Angle	125° x 123°	110° x 165°
Oper. Temperature	-4°F to 113°F (-20°C to 45°C)	
Protection Rating	IP20	
Heatsink	Aluminum / Silver Color	
Lens	PC / Clear	PC / Frosted
Base	1 Pin / Fa8	
Dimensions	93.94 x Ø1.02 inch / 2386 x Ø26 mm	
Net Weight	1.5 lbs / 680.4 g	



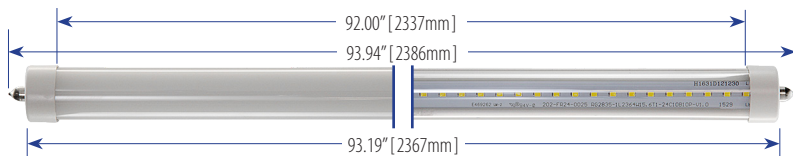
LED96T8SM-36W-XWW-101WC (Clear Lens)  
LED96T8SM-36W-XWW-101WF (Frosted Lens)

	101WC	101WF
Input Power	35 Watts	35 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.290 A	0.300 A
Total Lumens	4315 lm	3615 lm
Max. Candela	1385 cd	1040 cd
Power Factor	0.95	
Efficacy	125 lm/W	105 lm/W
Emitted Color	Natural White	
Color Temperature	3800K~4300K	
CRI	>80	
Illumination Angle	115° x 125°	110° x 135°
Oper. Temperature	-4°F to 113°F (-20°C to 45°C)	
Protection Rating	IP20	
Heatsink	Aluminum / Silver Color	
Lens	PC / Clear	PC / Frosted
Base	1 Pin / Fa8	
Dimensions	93.94 x Ø1.02 inch / 2386 x Ø26 mm	
Net Weight	1.5 lbs / 680.4 g	



### Available Watt/Lumen Options:

- 27 Watts / 2700 lm
- 30 Watts / 3000 lm
- 40 Watts / 4000 lm
- 45 Watts / 4500 lm



# LEDTRONICS

America's Premium Brand LED Company™



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

**LEDtronics.com**

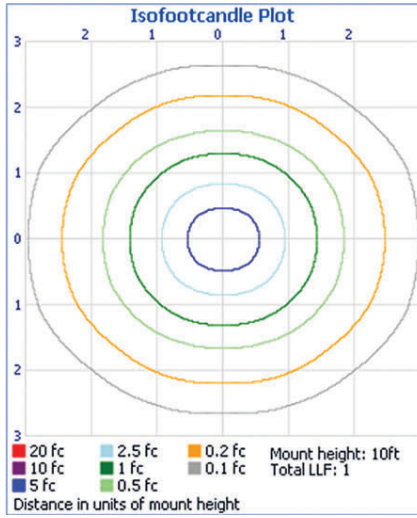
WWW.LEDTRONICS.COM

LOG 632 / Rev 10-2016

Check LEDTRONICS.COM for latest data. Printed material may be outdated.

**PHOTOMETRIC REPORT:**

**LED96T8SM-36W-XPW-101WC**

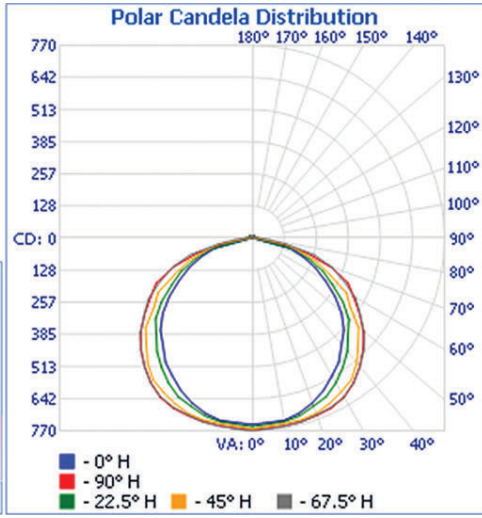


**Filename:** LED96T8SM-36W-XPW-101WC  
**Manufacturer:** LEDTRONICS  
**Luminaire:** CLEARLENS, 35.6W, 120VAC  
**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 2568.4  
**Max Candela:** 769.0 at Horizontal: 67.5°, Vertical: 0°  
**Luminous Opening:** Point  
**Test:** 1-6-16  
**Photometry:** Type C  
**CIE Class:** Direct  
**Cutoff Class:** Cutoff  
**Nema Type:** 7 X 7

**Illuminance at a Distance**

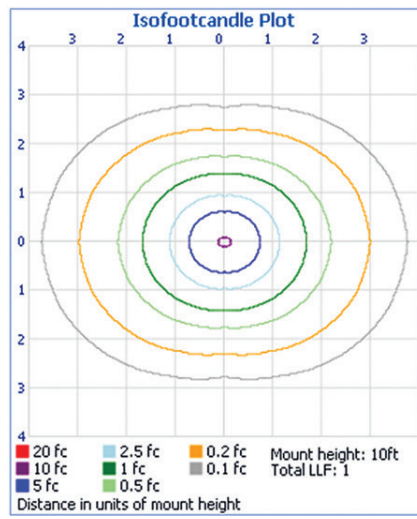
Center Beam FC	Beam Width
268.02 fc	5.1ft 8.0ft
67.01 fc	10.3ft 16.0ft
29.78 fc	15.4ft 24.0ft
16.75 fc	20.5ft 32.0ft
10.72 fc	25.6ft 40.0ft
7.45 fc	30.8ft 48.0ft

Vert. Spread: 114.0° Horiz. Spread: 134.7°



**PHOTOMETRIC REPORT:**

**LED96T8SM-36W-XPW-101WF**

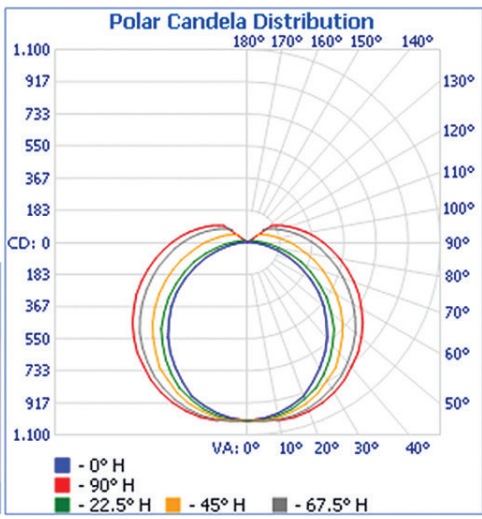


**Filename:** LED96T8SM-36W-XPW-101WF  
**Manufacturer:** LEDTRONICS  
**Luminaire:** FROSTED LENS, 33.9W, 120VAC  
**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 4295.2  
**Max Candela:** 1,034.0 at Horizontal: 90°, Vertical: 15°  
**Luminous Opening:** Point  
**Test:** 4-22-16  
**Photometry:** Type C  
**CIE Class:** Semi-Direct  
**Cutoff Class:** Noncutoff

**Illuminance at a Distance**

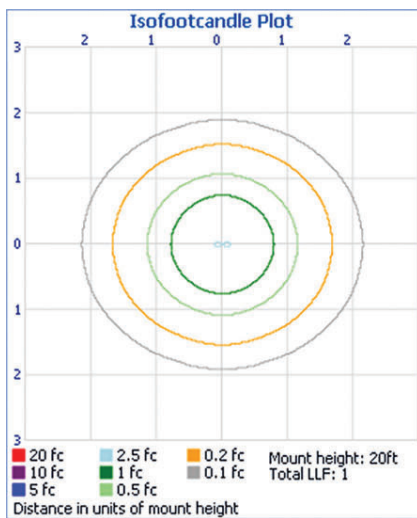
Center Beam FC	Beam Width
367.20 fc	4.8ft 22.5ft
91.80 fc	9.5ft 45.0ft
40.80 fc	14.3ft 67.5ft
22.95 fc	19.1ft 90.0ft
14.69 fc	23.9ft 112.5ft
10.20 fc	28.6ft 135.0ft

Vert. Spread: 110.1° Horiz. Spread: 163.1°



**PHOTOMETRIC REPORT:**

**LED96T8SM-36W-XWW-101WF**



**Filename:** LED96T8SM-36W-XWW-101WF  
**Manufacturer:** LEDTRONICS  
**Luminaire:** FROSTED LENS, 34.8W, 120VAC  
**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 3616.9  
**Max Candela:** 1,038.0 at Horizontal: 90°, Vertical: 0°  
**Luminous Opening:** Point  
**Test:** 3-7-16  
**Photometry:** Type C  
**CIE Class:** Direct  
**Cutoff Class:** Noncutoff

**Illuminance at a Distance**

Center Beam FC	Beam Width
88.02 fc	9.5ft 15.4ft
22.01 fc	19.0ft 30.7ft
9.78 fc	28.5ft 46.1ft
5.50 fc	38.0ft 61.4ft
3.52 fc	47.5ft 76.8ft
2.45 fc	57.1ft 92.2ft

Vert. Spread: 109.9° Horiz. Spread: 133.1°

