



# LED CFL Replacement Lamps, T10 Tube, 8 Watts

85 to 277VAC – 120° Wide Beam – 2700K & 4000K White – E26 Rotating Base – Frosted Lens



## FEATURES

- 3 Year LEDtronics Warranty
- Direct Replacement of Compact Fluorescent Lights in Fixtures with E26 Base
- Rotatable Base
- Fits *House of Troy* Desk Lamp Models: P16-308-51, P16-308-61
- Energy Savings of up to 70% over CFLs
- Lumen Maintenance over 70% @ 50,000+ Hours
- High CRI, High Lumen, Wide Illumination Angle
- Solid-State: High Shock & High Vibration Resistant
- No Mercury, No Lead – ROHS Compliant
- No UV, No IR / No RF Interference / Minimal Heat

## APPLICATIONS

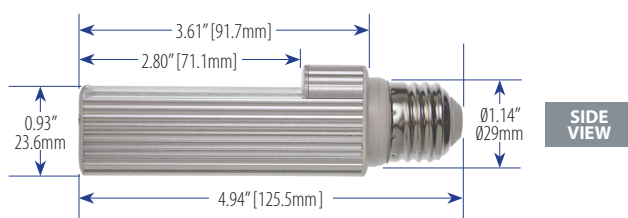
- For Applications Where Light Is Beaming Straight Down
- Accent & Display Lighting: Showcases & Picture Lights, Cabinet Lighting Fixtures
- Indoor Sculpture or Museum Illumination
- Theater Effect Lighting
- Tubular Bulbs for One-Sided Exit Signs
- Tubular Appliance Bulbs
- Desk Lamps
- Security / Passageway & Step Lighting

## AVAILABLE OPTIONS

- Other Color Temperatures
- Other Wattages with Higher Lumens: 10W, 13W

40 Years of LEDtronics Design, Engineering & Manufacturing Experience

Shown:  
LED25T10-8W-XHW-001AW



## CAUTIONS

- Intended only for installations where the lamp is oriented horizontally, with light beaming downward
- Not for use in totally enclosed fixtures
- Not for use with dimmer controls



Uses 8 Watts, Replaces CFL Lamps up to 23W

LED25T10-8W-XHW-001AW (Halogen White)

LED25T10-8W-XNW-001AW (Natural White)

	XHW	XNW
Input Power	7.6 Watts	7.7 Watts
LED Emitted Color	Halogen White	Natural White
Color Temperature	2700K	4000K
Input Voltage	85~277VAC (Tested @ 120VAC)	
Input Current	0.064A	0.065A
Total Lumens	708.8 lm	1061.3 lm
Efficacy	93.26 lm/W	137.83 lm/W
Max. Candela	244.8 cd	348.6 cd
Power Factor	0.99	
LED Emitted Color	Warm White	Natural White
Color Temperature	3000K	4100K
CRI	>80	
Illumination Angle	115° x 115°	115° x 125°
Dimmability	Not Dimmable	
Base	E26 Edison Screw	
Heatsink	Extruded Aluminum / Silver	
Lens	Polycarbonate / Clear	
Oper. Temperature	-40°F ~ +122°F / -40°C ~ +50°C	
Dimensions	L4.94 x W1.375 in. / L125.5 x 35 mm	
Weight	0.2 lb / 3.2 oz / 90.7g	

# LEDTRONICS®

America's Premium Brand LED Company™



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Printed material may be outdated.

## Luminaire Photometric Report

**Filename:** LED25T10-8W-XNW-001AW

**Manufacturer:** LEDTRONICS

**Luminaire:** CLEAR LENS, 7.7W, 120VAC

**Lamp Output:** 1 lamp, rated Lumens/lamp: 1061.3

**Max Candela:** 348.6 at Horizontal: 0°, Vertical: 5°

**Luminous Opening:** Point

**Test:** 12-10-19

**Photometry :** Type C

**CIE Class:** Direct

**Cutoff Class:** Full Cutoff

**Nema Type:** 7 X 7

### Lumens Per Zone

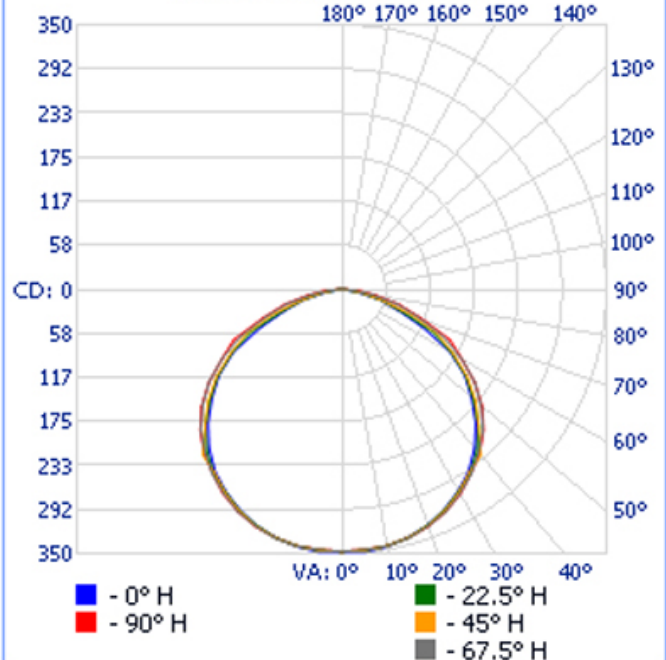
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	33.0	3.1%	90-100	0	0%
10-20	96.1	9.1%	100-110	0	0%
20-30	148.9	14.0%	110-120	0	0%
30-40	185.5	17.5%	120-130	0	0%
40-50	198.8	18.7%	130-140	0	0%
50-60	182.8	17.2%	140-150	0	0%
60-70	135.0	12.7%	150-160	0	0%
70-80	66.1	6.2%	160-170	0	0%
80-90	15.1	1.4%	170-180	0	0%

### Illuminance at a Distance

	Center Beam fc	Beam Width
2.0ft	86.8 fc	6.6 ft 7.4 ft
4.0ft	21.7 fc	13.1 ft 14.7 ft
6.0ft	9.6 fc	19.7 ft 22.1 ft
8.0ft	5.4 fc	26.3 ft 29.4 ft
10.0ft	3.5 fc	32.9 ft 36.8 ft

■ Vert. Spread: 117.3° ■ Horiz. Spread: 122.9°

### Polar Candela Distribution



### Isofootcandle Plot

