

# LED T10 Dimmable Tubular Lamp

## for Showcase & Artwork Right-Angle Illumination

LED25T10-8W-XHW-001AWD



High-Lumen — Uses Only 7 Watts – Direct Drop-in Replacement for CFL T10 Bulbs up to 23 Watts

85~265VAC — E26/E27 Rotatable Screw Base — 100° Wide Beam — 2600K Halogen White — Clear Lens

### FEATURES

- **Lamp Warranty:** 3 Years
- **Easy Installation** Using Existing T10 or Other Fixtures with 90° Sockets
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation  
*(Rated average life based on engineering testing and probability analysis)*
- **Wide Input Voltage Range:** 85~265VAC
- **Wide Rotational Beam:** 100° Viewing Angle and 340° Swivel Base Adjustment
- **High CRI** Enhances All Colors
- **Dimmable** with Standard Lamp Dimmers – Compatible with Most LED Phase-Control Dimmers *(Check for models at LEDtronics.com/dimmers)*
- **Solid-State:** High-Shock & High-Vibration Resistant
- **Wide Ambient Operating Temp. Range:** ~-40°F to ~+122°F  
[~-40°C to ~+50°C]
- **Even Lighting:** High Intensity / No Halation
- **Eco-Friendly:** RoHS Compliant



### SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

| PART NO.                    | LED25T10-8W-XHW-001AWD                        |
|-----------------------------|---|
| Viewing Angle               | 100° x 115° [Full Beam Width @ 50% Intensity] |
| Emitted Color               | Halogen White                                 |
| Color Temperature (CCT)     | 2400K~2600K                                   |
| CRI                         | >80   |
| Input Voltage               | 85~265VAC [Tested @ 120VAC]                   |
| Energy Used                 | 7 Watts                                       |
| Input Current               | 0.100 A                                       |
| Efficacy                    | 70 lm/W                                       |
| Total Lumens                | 510 lm  |
| Maximum Candela             | 200 cd  |
| Operating Temperature Range | ~-40°F to ~+122°F [~-40°C to ~+50°C]          |
| Housing Color               | Silver / White                                |
| Lens                        | Clear   |
| Dimensions                  | L4.94" x W1.375" (125.5mm x 34.9mm)           |
| Weight                      | 0.187 lb / 2.99 oz / 84.82 g                  |



SWIVEL ADJUSTMENT



LED Art Light Replaces Incandescent 25T10 Tubular Bulbs up to 23 Watts

### BENEFITS

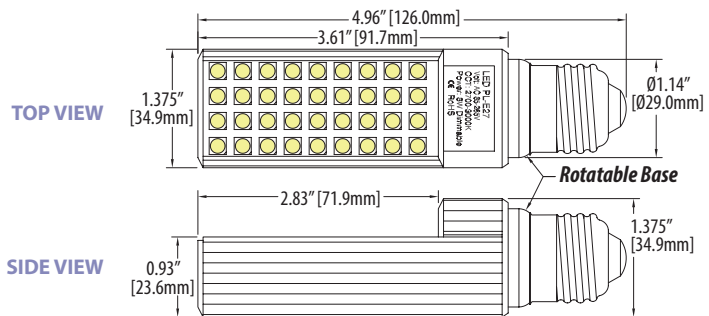
- **Major Power Savings:** Up to 70% Compared to CFL Tubes up to 23 Watts
- **Cool Operation:** Remains Cool to the Touch
- **No Harmful Emissions:** No Ultraviolet or Infrared Radiation, No RF Interference
- **Environment-Friendly:** No Mercury, No Lead

### APPLICATIONS

- Desk Lamps – Fits House of Troy Desk Lamp Models: P16-308-51, P16-308-61
- Showcases & Picture Lights, Cabinet Lighting Fixtures
- Step Lights
- Indoor Sculpture or Museum Illumination
- Tubular Bulbs for One-Sided Exit Signs
- Tubular Appliance Bulbs
- Security/Passageway lights



White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.



**Luminaire Photometric Report**

**Filename:** LED25T10-8W-XHW-001AWD

**Manufacturer:** LEDTRONICS

**Luminaire:** CLEAR LENS, 120VAC, 7.2W

**Luminaire Cat:** LED25T10-8W-XHW-001AWD

**Lamp:** LUMEN RATING: 512.1Lms.

**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 512.1

**Max Candela:** 198.2 at Horizontal: 0°, Vertical: 0°

**Luminous Opening:** Point

**Test:** 12-5-12

**Photometry :** Type C

**CIE Class:** Direct

**Cutoff Class:** Full Cutoff

**Nema Type:** 7 X 7

**Zonal Lumen Summary**

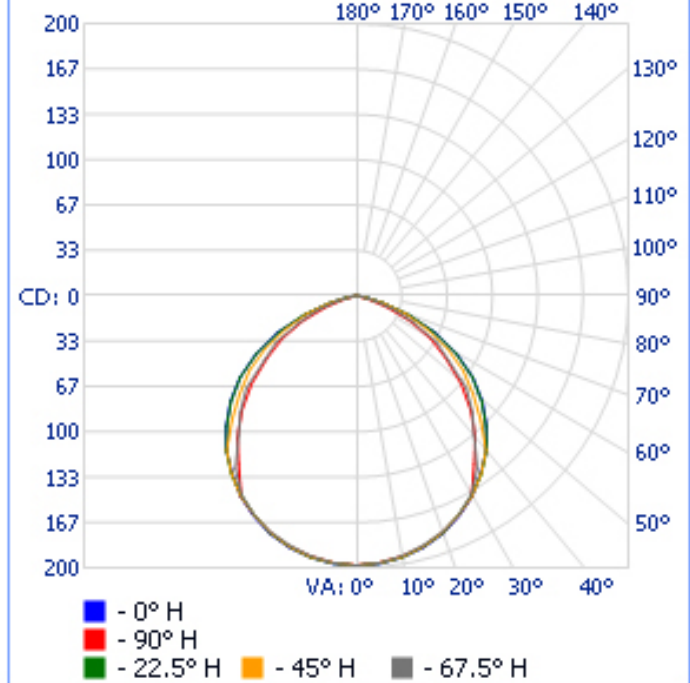
| Zone   | Lumens | % Lamp | % Luminaire |
|--------|--------|--------|-------------|
| 0-30   | 154.4  | 30.2%  | 30.2%       |
| 0-40   | 252.6  | 49.3%  | 49.3%       |
| 0-60   | 435.2  | 85%    | 85%         |
| 60-90  | 77.0   | 15%    | 15%         |
| 70-100 | 22.3   | 4.4%   | 4.4%        |
| 90-120 | 0      | 0%     | 0%          |
| 0-90   | 512.1  | 100%   | 100%        |
| 90-180 | 0      | 0%     | 0%          |
| 0-180  | 512.1  | 100%   | 100%        |

**Illuminance at a Distance**

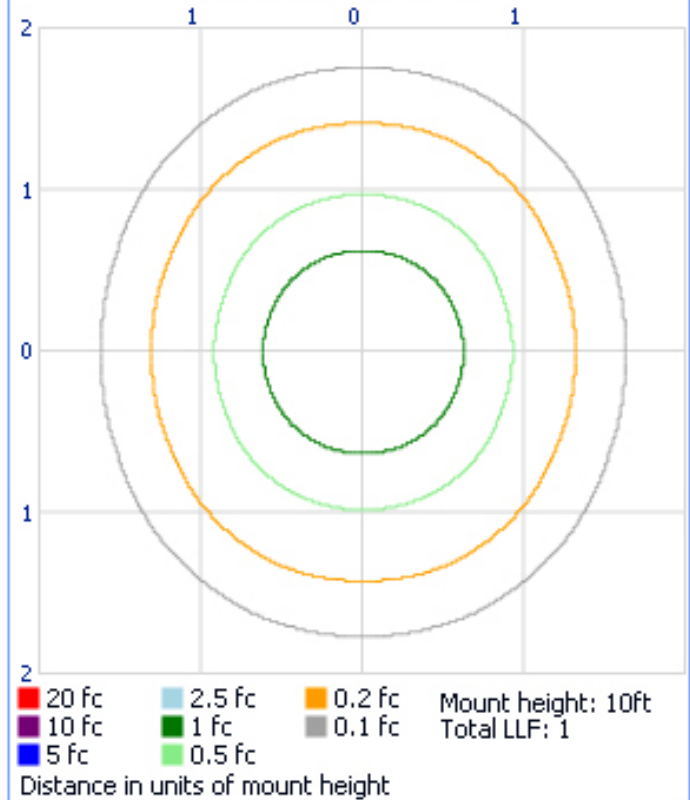
|        | Center Beam FC | Beam Width |        |
|--------|----------------|------------|--------|
| 1.7ft  | 71.35 fc       | 5.0ft      | 4.0ft  |
| 3.3ft  | 17.84 fc       | 10.0ft     | 8.1ft  |
| 5.0ft  | 7.93 fc        | 15.0ft     | 12.1ft |
| 6.7ft  | 4.46 fc        | 20.1ft     | 16.1ft |
| 8.3ft  | 2.85 fc        | 25.1ft     | 20.1ft |
| 10.0ft | 1.98 fc        | 30.1ft     | 24.2ft |

■ Vert. Spread: 112.8°     ■ Horiz. Spread: 100.8°

**Polar Candela Distribution**



**Isofootcandle Plot**



**CUSTOM OPTIONS** [For qualified applications & large-quantity OEM orders]

- Other White Color Temperatures Available