



LED T8 Low-Voltage Tube Light

3ft or 4ft – 12 or 18 Watts – Frosted Lens – 24~72VDC – 4000K – Adjustable 2 Pin / G13 Base



FEATURES

- 5 Year LEDtronics Limited Warranty
- Direct Retrofit into 3-ft or 4-ft Fluorescent T8/T12 Fixtures with Adjustable G13 Dual-Pin Sockets
- Energy Savings of up to 50% over Fluorescent Tubes
- Lumen Maintenance over 70% @ 50,000+ Hours
- Instant-On Even Lighting, No Buzzing, No Flickering
- Wide Voltage Input Range: 24-72VDC
- High CRI
- Solid-State: High-Shock & High-Vibration Resistant
- UV-Stabilized Polycarbonate Lens, Aluminum Body
- No UV/IR Radiation, No RF Interference
- No Toxic Mercury - RoHS Compliant

APPLICATIONS

- Light Rail / Railway Passenger Car Interiors
- Railway Carriage / Subway Car Interiors
- Passenger Bus Interiors
- Trolley Car Interiors
- Solar Power Low-Voltage Applications
- Recreation Vehicle Interiors
- Motor Coach Interiors

AVAILABLE OPTIONS

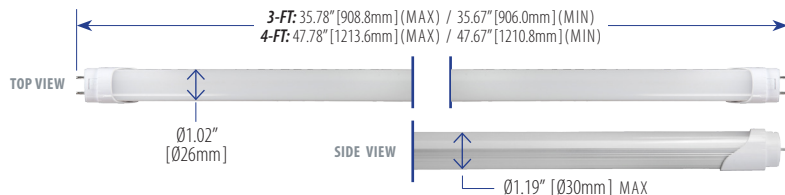
- Clear Lens
- Other Color Temperatures, Viewing Angles

Over 30 Years of LEDtronics Design, Engineering & Manufacturing Experience



LED36T8SM-12W-XWW-102WFA (3ft, 12 Watts)
LED48T8SM-18W-XWW-102WFA (4ft, 18 Watts)

	LED36T8SM	LED48T8SM
Input Power	12 Watts	18 Watts
Input Voltage	24~72VDC (Tested @24VDC)	
Input Current	0.500A	0.750A
Total Lumens	1320 lm	1980 lm
Efficacy	110 lm/W	110 lm/W
Power Factor	≥80	
CRI	>80	
Color Temperature	4000K	
Emitted Color	Natural White	
Illumination Angle	180°	
Oper. Temperature	-4°F to 122°F (-20°C to 50°C)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	2-Pin G13 / Rotatable	
Protection Rating	IP50	
Dimensions	3-ft: L35.78 x WØ1.02 inch / L909 x WØ26 mm 4-ft: L47.78 x WØ1.02 inch / L1214 x WØ26 mm	
Net Weight	0.6 lbs / 272.1 g	0.75 lbs / 340.2 g



LEDTRONICS[®]
 America's Premium Brand LED Company™



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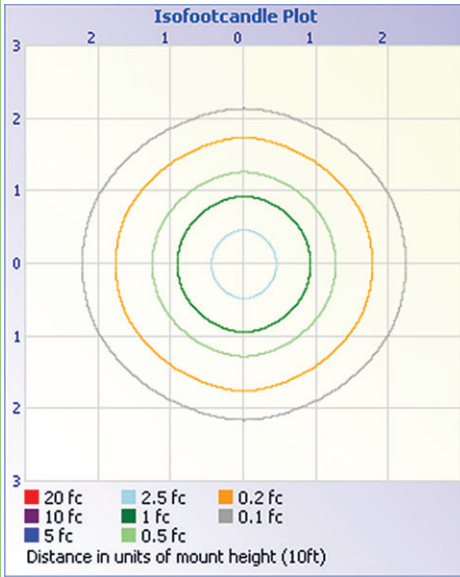
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PHOTOMETRIC REPORT:

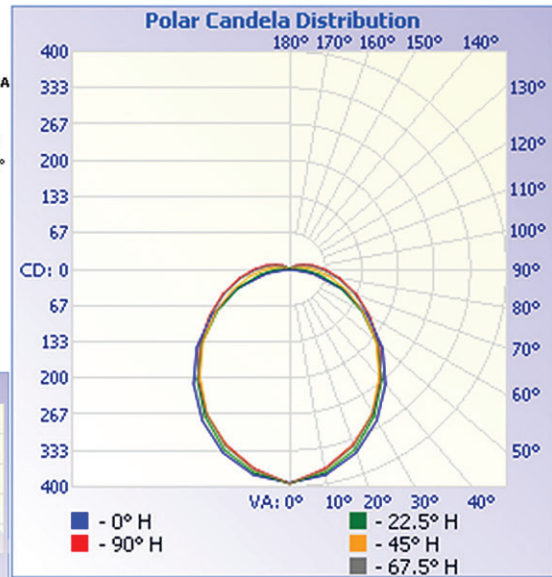
LED36T8SM-12W-XWW-102WFA



Filename: LED36T8SM-12W-XWW-102WFA
 Manufacturer: LEDTRONICS
 Luminaire: FROSTED LENS,11.7W,24VDC
 Lamp Output: 1 lamp, rated Lumens/lamp: 1186.3
 Max Candela: 393.7 at Horizontal: 45°, Vertical: 0°
 Luminous Opening: Point
 Test: 8-16-16
 Photometry : Type C
 CIE Class: Direct
 Cutoff Class: Noncutoff

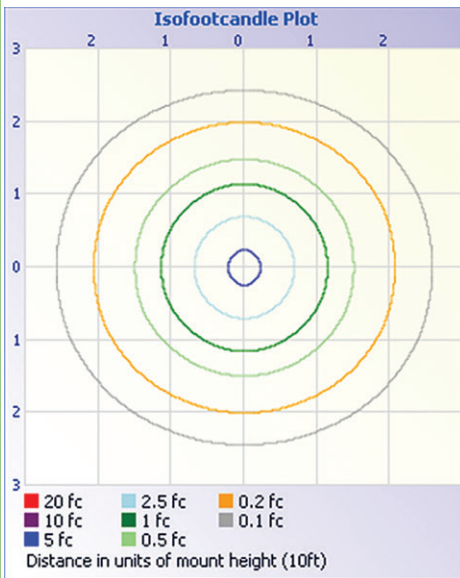
	Illuminance at a Distance	
	Center Beam fc	Beam Width
2.0R	98.1 fc	5.6 ft 5.6 ft
4.0R	24.5 fc	11.3 ft 11.1 ft
6.0R	10.9 fc	16.9 ft 16.7 ft
8.0R	6.1 fc	22.5 ft 22.3 ft
10.0R	3.9 fc	28.1 ft 27.9 ft

Vert. Spread: 109.2° Horiz. Spread: 108.7°



PHOTOMETRIC REPORT:

LED48T8SM-18W-XWW-102WFA



Filename: LED48T8SM-18W-XWW-102WFA
 Manufacturer: LEDTRONICS
 Luminaire: FROSTED LENS,16.1W,24VDC
 Lamp Output: 1 lamp, rated Lumens/lamp: 1878
 Max Candela: 557.4 at Horizontal: 90°, Vertical: 0°
 Luminous Opening: Point
 Test: 8-15-16
 Photometry : Type C
 CIE Class: Direct
 Cutoff Class: Noncutoff

	Illuminance at a Distance	
	Center Beam fc	Beam Width
2.0R	138.4 fc	6.3 ft 6.6 ft
4.0R	34.6 fc	12.6 ft 13.1 ft
6.0R	15.4 fc	18.8 ft 19.7 ft
8.0R	8.6 fc	25.1 ft 26.2 ft
10.0R	5.5 fc	31.4 ft 32.8 ft

Vert. Spread: 115.0° Horiz. Spread: 117.3°

