



LED T8 Tube Light, 4 ft, 16 Watts

Replaces Fluorescents up to 36W – Clear or Frosted – 90~290VAC – 2 Pin/G13 Base



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LOG 510 / Rev 04-2017



FEATURES

- 5 Year LEDtronics Warranty
- Direct Retrofit into 4-Ft Fluorescent T8/T12 Fixtures
- Energy Savings of up to 50%
- Lumen Maintenance over 70% @ 50,000+ Hours
- Even Lighting, No Buzzing, No Flickering
- UL/cUL Classified: E335951 (T8-F12D16x0P1Hxx)
- UL/cUL Recognized Component: E358218 (T8-F12D16x0P1Hxx)
- No IR/UV Radiation, No RF Interference
- No Toxic Mercury – RoHS Compliant

APPLICATIONS

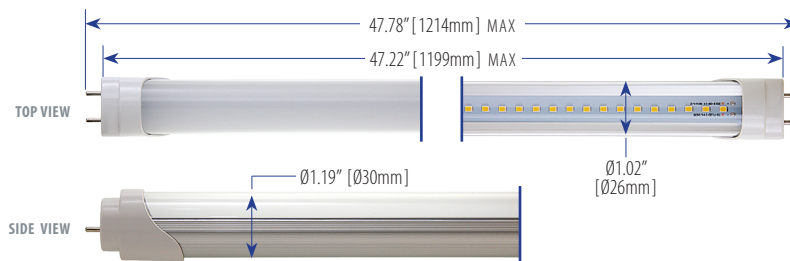
- Office Lighting
- Production Area
- Warehouse Lighting
- Coolers, Freezers & Damp Locations
- Retail Store Display Lighting
- Transportation
- Undercabinet Lighting
- General & Street Sign Backlighting

Over 30 Years of LEDtronics Design, Engineering & Manufacturing Experience



	Natural White	Pure White
LED48T8SM-16W-XWW-101WF (Natural White)		
LED48T8SM-16W-XPW-101WF (Pure White)		
Emitted Color	Natural White	Pure White
Color Temperature	3800K~4800K	5000K~5600K
Input Power	16 Watts	
Input Voltage	90VAC~290VAC (Tested @120VAC)	
Input Current	0.140A	0.140A
Total Lumens	1760 lm	1890 lm
Max. Candela	475 cd	505 cd
Power Factor	0.95	
Efficacy	110 lm/W	115 lm/W
CRI	>80	
Illumination Angle	105° x 140°	105° x 140°
Oper. Temperature	-4°F to 113°F (-20°C to 45°C)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	2 Pin / G13	
Protection Rating	IP30	
Dimensions	L 47.78 x W Ø1.02 x D Ø1.19 inch L 1214 x W Ø26 x D Ø30 mm	
Net Weight	0.75 lbs / 12 oz / 340.2 g	

	Natural White	Pure White
LED48T8SM-16W-XWW-101W (Natural White)		
LED48T8SM-16W-XPW-101W (Pure White)		
Emitted Color	Natural White	Pure White
Color Temperature	3800K~4800K	5000K~5600K
Input Power	16 Watts	
Input Voltage	90VAC~290VAC (Tested @120VAC)	
Input Current	0.140A	
Total Lumens	1825 lm	1995 lm
Max. Candela	640 cd	675 cd
Power Factor	0.95	
Efficacy	110 lm/W	120 lm/W
CRI	>80	
Illumination Angle	115° x 120°	110° x 120°
Oper. Temperature	-4°F to 113°F (-20°C to 45°C)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Clear	
Base	2 Pin / G13	
Protection Rating	IP30	
Dimensions	L 47.78 x W Ø1.02 x D Ø1.19 inch L 1214 x W Ø26 x D Ø30 mm	
Net Weight	0.75 lbs / 12 oz / 340.2 g	



LEDTRONICS®

America's Premium Brand LED Company™



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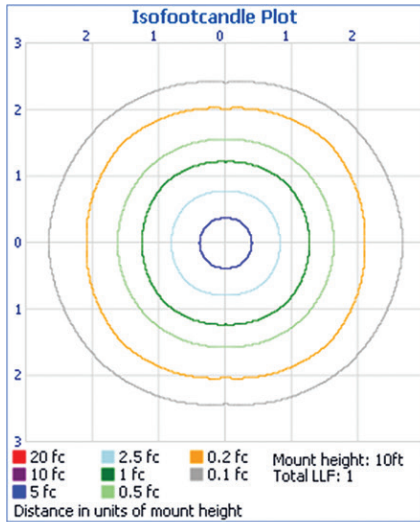
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PHOTOMETRIC REPORTS

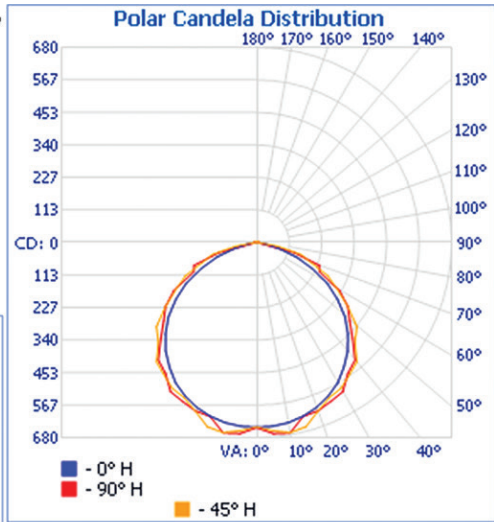
LED48T8SM-16W-XPW-101W



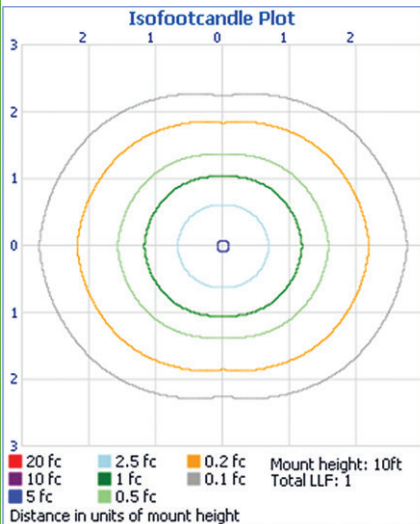
Filename: LED48T8SM-DLC-16W-XPW-101W
Manufacturer: LEDTRONICS
Luminaire: CLEAR LENS, 16.5W, 120VAC
Luminaire Cat: LED48T8SM-DLC-16W-XPW-101W
Lamp: LUMEN RATING: 1997.4 Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 1997.4
Max Candela: 673.0 at Horizontal: 90°, Vertical: 10°
Luminous Opening: Point
Test: 5-15-14
Photometry: Type C
CIE Class: Direct
Cutoff Class: Cutoff
Nema Type: 7 X 7

	Illuminance at a Distance	
	Center Beam FC	Beam Width
1.7R	231.48 fc	4.9ft 5.7ft
3.3R	57.87 fc	9.9ft 11.4ft
5.0R	25.72 fc	14.8ft 17.1ft
6.7R	14.47 fc	19.8ft 22.8ft
8.3R	9.26 fc	24.7ft 28.5ft
10.0R	6.43 fc	29.6ft 34.2ft

Vert. Spread: 112.0° Horiz. Spread: 119.4°



LED48T8SM-16W-XPW-101WF



Filename: LED48T8SM-DLC-16W-XPW-101WF
Manufacturer: LEDTRONICS
Luminaire: FROSTED LENS, 16.4W, 120VAC
Luminaire Cat: LED48T8SM-DLC-16W-XPW-101WF
Lamp: LUMEN RATING: 1887.6 Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 1887.6
Max Candela: 507.0 at Horizontal: 90°, Vertical: 0°
Luminous Opening: Point
Test: 5-15-14
Photometry: Type C
CIE Class: Direct
Cutoff Class: Noncutoff

	Illuminance at a Distance	
	Center Beam FC	Beam Width
1.7R	182.16 fc	4.4ft 9.0ft
3.3R	45.54 fc	8.8ft 18.1ft
5.0R	20.24 fc	13.2ft 27.1ft
6.7R	11.39 fc	17.6ft 36.2ft
8.3R	7.29 fc	22.0ft 45.2ft
10.0R	5.06 fc	26.4ft 54.3ft

Vert. Spread: 105.8° Horiz. Spread: 139.6°

