



# LED T8 Composite Tube Lights, 4 ft

18 Watts – Frosted Lens – 120° Wide Illumination – 100~277VAC – 2 Pin / G13 Base – ETL



## FEATURES

- 5 Year LEDtronics Limited Warranty
- Direct Retrofit into 4 Ft Fluorescent T8/T12 Fixtures
- Energy Savings of up to 50%
- Lumen Maintenance over 70% @ up to 50,000+ Hours
- Even Lighting, No Buzzing, No Flickering, Instant Start
- No UV/IR Radiation, No RF Interference
- ETL Classified (5014001)
- No Toxic Mercury
- LM79 & LM80 Reports Available

## APPLICATIONS

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

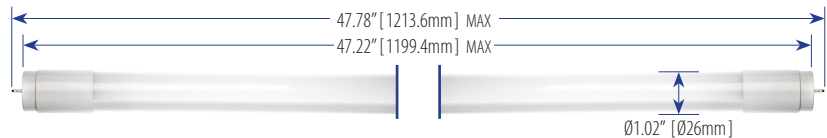
## AVAILABLE OPTIONS

- Other Tube Lengths
- Other Color Temperatures
- Other Voltages

40 Years of LEDtronics Design,  
Engineering & Manufacturing Experience

Two 18W LED Tubes Will Replace  
Three Fluorescent Tubes

Frosted Lens



LED48T8CM-18W-XWW-101WF (Natural White)

LED48T8CM-18W-XPW-101WF (Pure White)

	XWW	XPW
Input Power	17.78 Watts	18 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.148A	0.151A
Total Lumens	2191.31 lm	2200 lm
Efficacy	123.25 lm/W	122.2 lm/W
Max. Candela	506 cd	430 cd
Power Factor	0.9364	0.9
CRI	82.8	80
Color Temperature	4000K	5000K
Illumination Angle	110°	
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	
Dimensions	47.78 x Ø1.02 inch / 1213.6 x Ø26 mm	
Net Weight	0.6 lb / 272.1 g	

WWW.LEDTRONICS.COM

LOG 621 / Rev 12-2023

# LEDTRONICS

America's Premium Brand LED Company™



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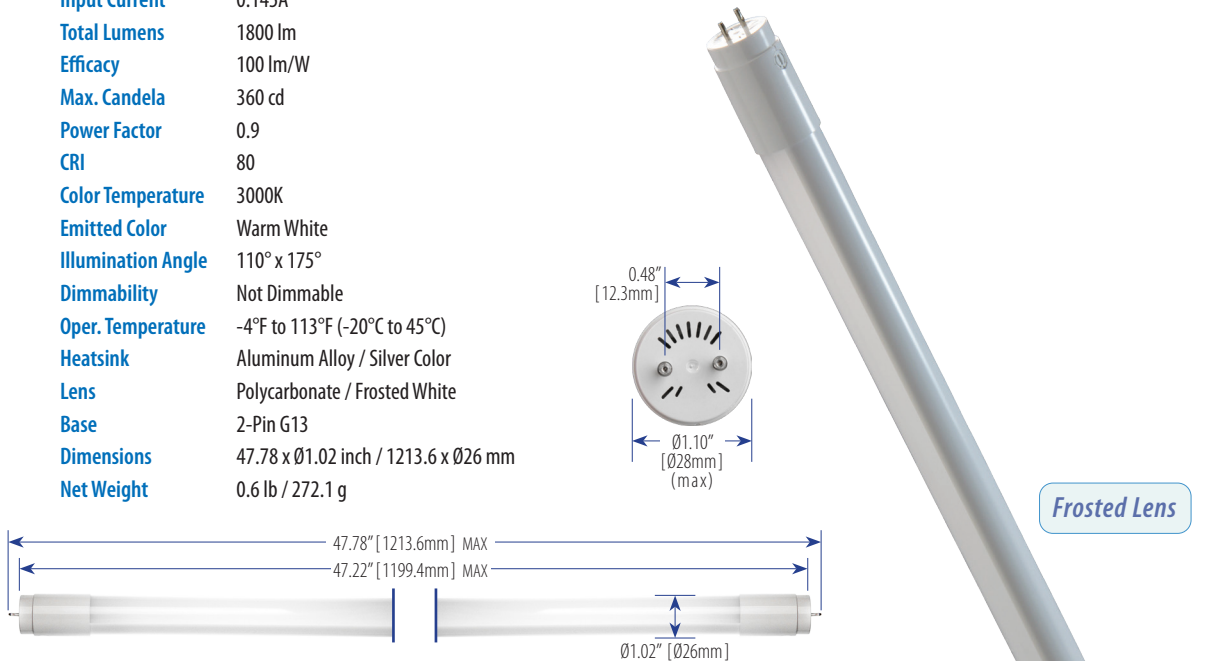
Check LEDTRONICS.COM for latest data.  
Printed material may be outdated.

# LED T8 Composite Tube Lights – 4 ft / 18 Watts / Frosted / 3000K White

## LED48T8CM-18W-XIW-101WF

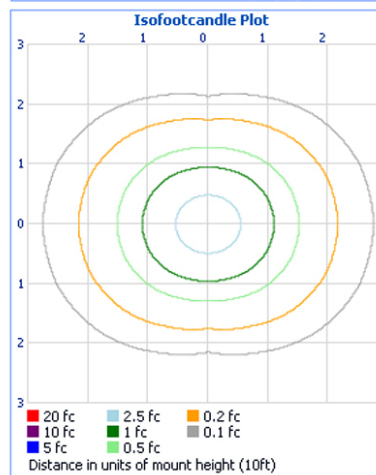
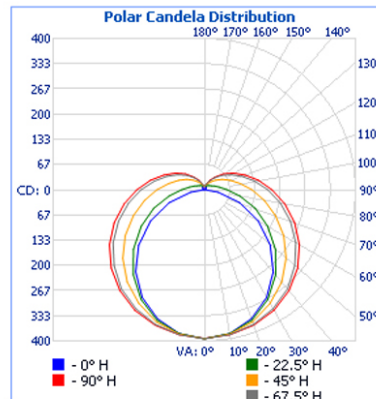
<b>Input Power</b>	18 Watts
<b>Input Voltage</b>	100~277VAC (Tested @120VAC)
<b>Input Current</b>	0.145A
<b>Total Lumens</b>	1800 lm
<b>Efficacy</b>	100 lm/W
<b>Max. Candela</b>	360 cd
<b>Power Factor</b>	0.9
<b>CRI</b>	80
<b>Color Temperature</b>	3000K
<b>Emitted Color</b>	Warm White
<b>Illumination Angle</b>	110° x 175°
<b>Dimmability</b>	Not Dimmable
<b>Oper. Temperature</b>	-4°F to 113°F (-20°C to 45°C)
<b>Heatsink</b>	Aluminum Alloy / Silver Color
<b>Lens</b>	Polycarbonate / Frosted White
<b>Base</b>	2-Pin G13
<b>Dimensions</b>	47.78 x Ø1.02 inch / 1213.6 x Ø26 mm
<b>Net Weight</b>	0.6 lb / 272.1 g

Two 18W LED Tubes Will Replace  
Three Fluorescent Tubes



### Luminaire Photometric Report

**Filename:** LED48T8CM-18W-XMW-101WF  
**Manufacturer:** LEDTRONICS  
**Luminaire:** FROSTED LENS, 17.4W, 120VAC  
**Lamp Output:** 1 lamp, rated Lumens/lamp: 1847  
**Max Candela:** 394.0 at Horizontal: 0°, Vertical: 0°  
**Luminous Opening:** Point  
**Test:** 7-6-17  
**Photometry:** Type C  
**CIE Class:** Semi-Direct  
**Cutoff Class:** Noncutoff



Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	37.1	2.0%	90-100	107.7	5.8%
10-20	107.4	5.8%	100-110	80.7	4.4%
20-30	166.3	9.0%	110-120	58.2	3.1%
30-40	208.4	11.3%	120-130	39.8	2.2%
40-50	229.9	12.4%	130-140	25.4	1.4%
50-60	229.8	12.4%	140-150	14.8	0.8%
60-70	210.8	11.4%	150-160	7.8	0.4%
70-80	178.0	9.6%	160-170	3.4	0.2%
80-90	140.7	7.6%	170-180	0.9	0%

	Illuminance at a Distance		
	Center Beam fc	Beam Width	
2.0ft	98.5 fc	5.7 ft	47.0 ft
4.0ft	24.6 fc	11.3 ft	94.0 ft
6.0ft	10.9 fc	17.0 ft	141.0 ft
8.0ft	6.2 fc	22.6 ft	188.0 ft
10.0ft	3.9 fc	28.3 ft	235.0 ft

Vert. Spread: 109.5°    Horiz. Spread: 170.3°

