



# LED T8 Tube Light, 4 ft, High Lumen

Only 19 Watts, Replaces Fluorescents up to 36W – 120~277VAC – 2 Pin / G13 Base



## 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% @ 50,000+ Hours
- Even Lighting, No Buzzing, No Flickering
- ETL/cETL Recognized: 4003266 (18T802B1)
- No UV/IR Radiation, 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

LED48T8SM-19W-XWW-101W (Natural White)

LED48T8SM-19W-XPW-101W (Pure White)

|                              | NATURAL WHITE                               | PURE WHITE  |
|------------------------------|---------------------------------------------|-------------|
| <b>Input Power</b> (@120VAC) | 19 Watts                                    |             |
| <b>Input Voltage</b>         | 120~277VAC                                  |             |
| <b>Total Lumens</b>          | 2165 lm                                     | 2130 lm     |
| <b>Max. Candela</b>          | 735 cd                                      | 705 cd      |
| <b>Power Factor</b>          | 1.0                                         |             |
| <b>Efficacy</b>              | 115 lm/W                                    | 110 lm/W    |
| <b>CRI</b>                   | >80                                         |             |
| <b>Color Temperature</b>     | 3800K~4300K                                 | 5000K       |
| <b>Illumination Angle</b>    | 115° x 115°                                 | 120° x 115° |
| <b>Oper. Temperature</b>     | -4°F to 104°F (-20°C to 40°C)               |             |
| <b>Heatsink</b>              | Aluminum / Silver Color                     |             |
| <b>Lens</b>                  | Polycarbonate / Clear                       |             |
| <b>Dimensions</b>            | L 47.78 x W Ø1.06 inch<br>L 1214 x W Ø27 mm |             |
| <b>Net Weight</b>            | 0.42 lbs / 6.72 oz / 190.5 g                |             |

4 Ft  
FROSTED

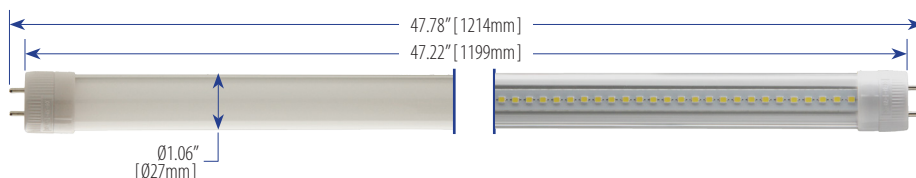


4 Ft  
CLEAR

LED48T8SM-19W-XWW-101WF (Natural White)

LED48T8SM-19W-XPW-101WF (Pure White)

|                              | NATURAL WHITE                               | PURE WHITE  |
|------------------------------|---------------------------------------------|-------------|
| <b>Input Power</b> (@120VAC) | 19 Watts                                    | 18 Watts    |
| <b>Input Voltage</b>         | 120~277VAC                                  |             |
| <b>Total Lumens</b>          | 2145 lm                                     | 2120 lm     |
| <b>Max. Candela</b>          | 610 cd                                      | 605 cd      |
| <b>Power Factor</b>          | 1.0                                         |             |
| <b>Efficacy</b>              | 115 lm/W                                    | 115 lm/W    |
| <b>CRI</b>                   | >80                                         |             |
| <b>Color Temperature</b>     | 3800K~4300K                                 | 5000K       |
| <b>Illumination Angle</b>    | 120° x 125°                                 | 130° x 105° |
| <b>Oper. Temperature</b>     | -4°F to 104°F (-20°C to 40°C)               |             |
| <b>Heatsink</b>              | Aluminum / Silver Color                     |             |
| <b>Lens</b>                  | Polycarbonate / Frosted White               |             |
| <b>Dimensions</b>            | L 47.78 x W Ø1.06 inch<br>L 1214 x W Ø27 mm |             |
| <b>Net Weight</b>            | 0.42 lbs / 6.72 oz / 190.5 g                |             |



Power on  
only to 2 pins  
labeled N/L

# LEDTRONICS®

America's Premium Brand LED Company™



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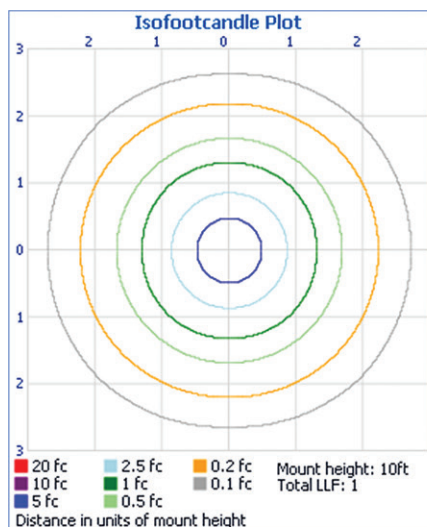
**LEDtronics.com**

www.LEDTRONICS.COM

LOG 491 / Rev 4-2017

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

## LED48T8SM-19W-XWW-101WF

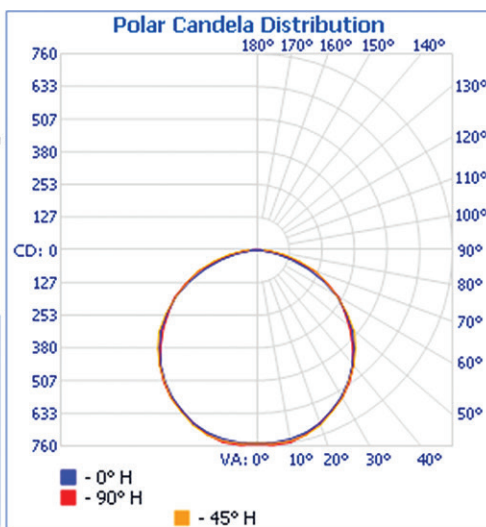


**Filename: LED48T8SM-DLC-XWW-101W**  
 Manufacturer: LEDTRONICS -  
 Luminaire: CLEAR LENS, 18.7W, 120VAC  
 Luminaire Cat: LED48T8SM-DLC-XWW-101W  
 Lamp: LUMEN RATING: 2303.9Lms.  
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 2303.9  
 Max Candela: 758.0 at Horizontal: 90°, Vertical: 5°  
 Luminous Opening: Point  
 Test: 9-26-13  
 Photometry: Type C  
 CIE Class: Direct  
 Cutoff Class: Cutoff  
 Nema Type: 7 X 7

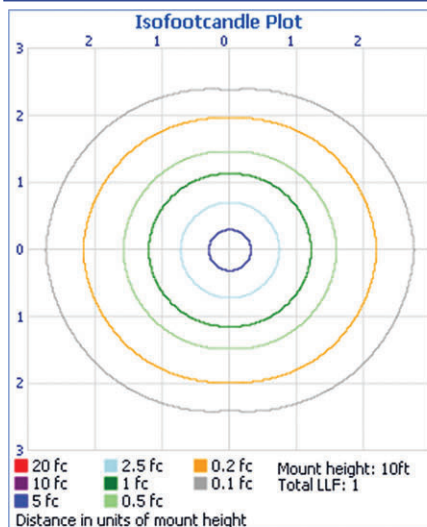
**Illuminance at a Distance**

| Center Beam FC | Beam Width | Beam Width |
|----------------|------------|------------|
| 1.7R 270.00 fc | 5.4ft      | 5.5ft      |
| 3.3R 67.50 fc  | 10.9ft     | 11.0ft     |
| 5.0R 30.00 fc  | 16.3ft     | 16.6ft     |
| 6.7R 16.88 fc  | 21.7ft     | 22.1ft     |
| 8.3R 10.80 fc  | 27.2ft     | 27.6ft     |
| 10.0R 7.50 fc  | 32.6ft     | 33.1ft     |

Vert. Spread: 116.9° Horiz. Spread: 117.8°



## LED48T8SM-19W-XWW-101WF

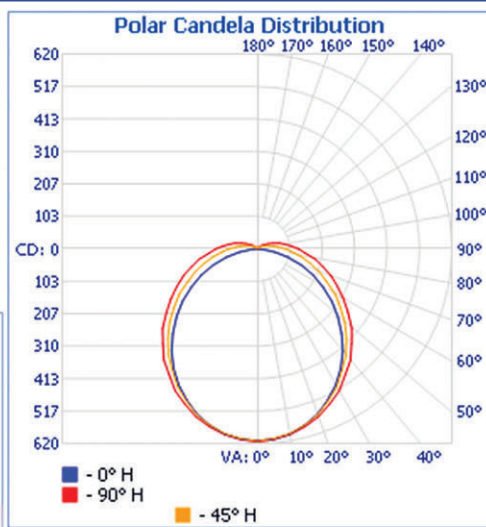


**Filename: LED48T8SM-DLC-XWW-101WF**  
 Manufacturer: LEDTRONICS -  
 Luminaire: CLEAR LENS, 17.2W, 120VAC  
 Luminaire Cat: LED48T8SM-DLC-XWW-101WF  
 Lamp: LUMEN RATING: 2041.0Lms.  
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 2041  
 Max Candela: 614.0 at Horizontal: 90°, Vertical: 0°  
 Luminous Opening: Point  
 Test: 10-18-13  
 Photometry: Type C  
 CIE Class: Direct  
 Cutoff Class: Noncutoff

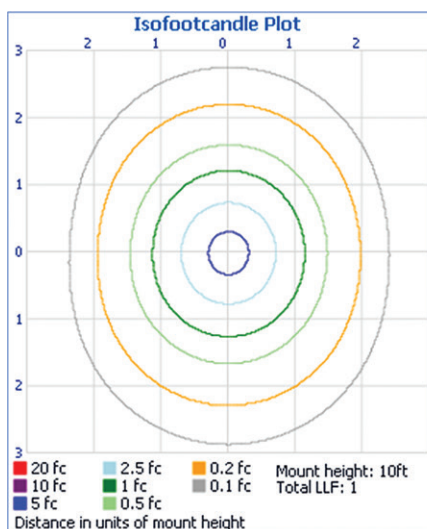
**Illuminance at a Distance**

| Center Beam FC | Beam Width | Beam Width |
|----------------|------------|------------|
| 1.7R 219.60 fc | 4.5ft      | 6.2ft      |
| 3.3R 54.90 fc  | 9.0ft      | 12.3ft     |
| 5.0R 24.40 fc  | 13.5ft     | 18.5ft     |
| 6.7R 13.73 fc  | 18.0ft     | 24.7ft     |
| 8.3R 8.78 fc   | 22.5ft     | 30.8ft     |
| 10.0R 6.10 fc  | 27.0ft     | 37.0ft     |

Vert. Spread: 106.9° Horiz. Spread: 123.2°



## LED48T8SM-19W-XPW-101WF



**Filename: LED48T8SM-DLC-XPW-101WF**  
 Luminaire: Tube LIGHT  
 Lamp: LED48T8SM-DLC-XPW-101WF  
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 2118.1  
 Max Candela: 606.4 at Horizontal: 90°, Vertical: 0°  
 Input Wattage: 18.2  
 Luminous Opening: Circular (Dia: 0.01ft)  
 Test Date: 2013-09-10  
 Test Lab: CTI  
 Photometry: Type C  
 CIE Class: Direct  
 Cutoff Class: Noncutoff  
 Nema Type: 7 X 7

**Illuminance at a Distance**

| Center Beam FC | Beam Width | Beam Width |
|----------------|------------|------------|
| 1.7R 217.88 fc | 7.2ft      | 4.5ft      |
| 3.3R 54.47 fc  | 14.4ft     | 9.0ft      |
| 5.0R 24.21 fc  | 21.6ft     | 13.5ft     |
| 6.7R 13.62 fc  | 28.8ft     | 18.1ft     |
| 8.3R 8.72 fc   | 36.0ft     | 22.6ft     |
| 10.0R 6.05 fc  | 43.2ft     | 27.1ft     |

Vert. Spread: 130.3° Horiz. Spread: 107.1°

