



# LED T8 Tube Lights, Low Voltage, 1.5 & 2 ft

8 & 18 Watts – 24~72VDC – Wide Beam – Frosted Lens – 4000K White – 2-Pin G13 Base



## FEATURES

- 5 Year LEDtronics Warranty
- Energy Savings of up to 50%
- Lumen Maintenance over 70% @ up to 50,000 Hours
- 130 Degree Wide Beam, High-Lumen Illumination
- Aluminum Heatsink / Frosted, Polycarbonate Lens
- 2-Pin G13 Base, Adjustable End Caps
- 4000K Natural White Light
- Suitable for Wet Locations
- Even Lighting, No Buzzing, No Flickering, Instant Start
- No UV Radiation, No RF Interference, Minimal Heat

## APPLICATIONS

*Suitable for Damp Locations*

- Office Lighting, Schools, Hallways
- Parking Garage, Parking Structure Lighting
- Production Areas, Warehouses
- Transportation, Railroad, Buses
- Coolers, Freezers, Vending Machines
- Retail Store Display Lighting
- Undercabinet or Cabinet Lights, Light Boxes
- General & Street Sign Backlighting

## AVAILABLE OPTIONS

- Other Tube Lengths
- Other Color Temperatures
- Other Voltages

**40 Years of LEDtronics Design,  
Engineering & Manufacturing Experience**

1.5 ft – 8W

### LED18T8KL6-08W-XWW-102WFA

<b>Input Power</b>	8.6 Watts
<b>Input Voltage</b>	24~72VDC (Tested @ 24VDC)
<b>Input Current</b>	0.36A
<b>Total Lumens</b>	1203 lm
<b>Max. Candela</b>	322 cd
<b>Efficacy</b>	140 lm/W
<b>Emitted Color</b>	Natural White
<b>Color Temperature</b>	4000K
<b>Illumination Angle</b>	105° x 135°
<b>Dimmability</b>	Not Dimmable
<b>Oper. Temperature</b>	-4°F to +131°F (-20°C to +55°C)
<b>Protection Rating</b>	Suitable for Damp Locations
<b>Heatsink</b>	Aluminum / Silver Color
<b>Lens</b>	Polycarbonate / Frosted White
<b>Base</b>	2-Pin G13, Adjustable Cap
<b>Dimensions</b>	L 17.13 x W 0.98 inch L 435 x W 25 mm
<b>Net Weight</b>	0.28 lbs / 130 g

2 Pin  
G13 Base



Adjustable  
End Caps

2 ft – 18W

### LED24T8KL6-18W-XWW-102WFA

<b>Input Power</b>	16 Watts
<b>Input Voltage</b>	24~72VDC (Tested @ 24VDC)
<b>Input Current</b>	0.68A
<b>Total Lumens</b>	2243 lm
<b>Max. Candela</b>	612 cd
<b>Efficacy</b>	139 lm/W
<b>Emitted Color</b>	Natural White
<b>Color Temperature</b>	4000K
<b>Illumination Angle</b>	105° x 130°
<b>Dimmability</b>	Not Dimmable
<b>Oper. Temperature</b>	-4°F to +131°F (-20°C to +55°C)
<b>Protection Rating</b>	Suitable for Damp Locations
<b>Heatsink</b>	Aluminum / Silver Color
<b>Lens</b>	Polycarbonate / Frosted White
<b>Base</b>	2-Pin G13, Adjustable Cap
<b>Dimensions</b>	L 23.13 x W 0.98 inch L 587 x W 25 mm
<b>Net Weight</b>	0.34 lbs / 150 g



TOP  
VIEW



SIDE  
VIEW

# LEDTRONICS®

America's Premium Brand LED Company™



© 2023 LEDtronics, Inc.

23105 Kashiwa Court, Torrance, CA 90505  
Phone: (800) 579.4875 / (310) 534.1505

Fax: (310) 534.1424

E-mail: [info@ledtronics.com](mailto:info@ledtronics.com)

Website: [ledtronics.com](http://ledtronics.com)



To order LEDtronics products,  
contact the Distributor or Sales Representative in your area.

Visit our website to find your local Distributor or Representative from our worldwide network:

**LEDtronics.com**

WWW.LEDTRONICS.COM

LOG 880 / Rev 05-2023

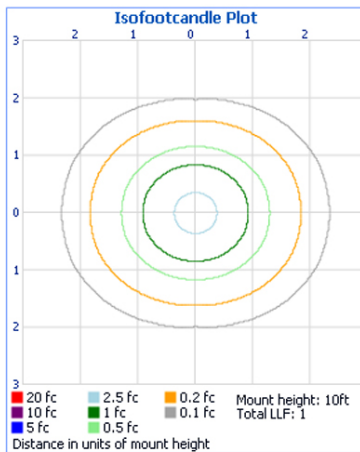
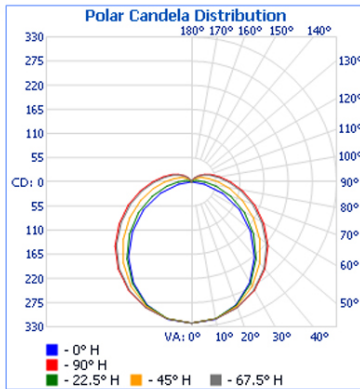
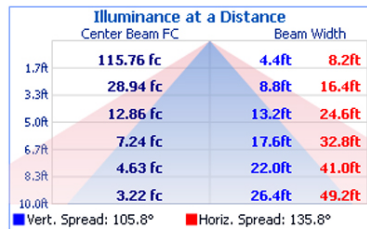
Check LEDTRONICS.COM for latest data.  
Printed material may be outdated.

## Luminaire Photometric Report

**Filename:** LED18T8KL6-08W-XWW-102WFA  
**Manufacturer:** LEDTRONICS  
**Luminaire:** FROSTED LENS, 8.6W, 24VDC  
**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 1202.9  
**Max Candela:** 321.6 at Horizontal: 0°, Vertical: 0°  
**Luminous Opening:** Point  
**Test:** 3-17-23  
**Photometry :** Type C  
**CIE Class:** Semi-Direct  
**Cutoff Class:** Noncutoff

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	30.3	2.5%	90-100	51.1	4.2%
10-20	87.2	7.3%	100-110	34.3	2.9%
20-30	132.9	11.0%	110-120	22.2	1.8%
30-40	161.8	13.4%	120-130	13.5	1.1%
40-50	171.4	14.3%	130-140	7.6	0.6%
50-60	162.5	13.5%	140-150	3.7	0.3%
60-70	138.9	11.6%	150-160	1.6	0.1%
70-80	107.3	8.9%	160-170	0.7	0.1%
80-90	75.6	6.3%	170-180	0.2	0%



## Luminaire Photometric Report

**Filename:** LED24T8KL6-18W-XWW-102WFA  
**Manufacturer:** LEDTRONICS  
**Luminaire:** FROSTED LENS, 18.2W, 72VDC  
**Lamp Output:** 1 lamp(s), rated Lumens/lamp: 2311.7  
**Max Candela:** 627.6 at Horizontal: 0°, Vertical: 0°  
**Luminous Opening:** Point  
**Test:** 3-13-23  
**Photometry :** Type C  
**CIE Class:** Semi-Direct  
**Cutoff Class:** Noncutoff

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	58.7	2.5%	90-100	106.3	4.6%
10-20	166.6	7.2%	100-110	73.2	3.2%
20-30	250.4	10.8%	110-120	47.9	2.1%
30-40	301.3	13.0%	120-130	29.5	1.3%
40-50	316.6	13.7%	130-140	20.0	0.9%
50-60	300.6	13.0%	140-150	16.3	0.7%
60-70	260.5	11.3%	150-160	6.8	0.3%
70-80	206.0	8.9%	160-170	0	0%
80-90	151.0	6.5%	170-180	0	0%

