



# LED T8 Tube Light, Low DC Voltage, 4 ft

18 Watts – 12~24VDC – Frosted Lens – 5000K Pure White – 115° x 135° Beam – Dual-Pin G13 Base



## FEATURES

- 5 Year LEDtronics Warranty
- Direct Retrofit into 48-inch Fluorescent T8 Fixtures with Adjustable G13 Dual-Pin Sockets
- Energy Savings of up to 50% over Fluorescent Tubes
- Lumen Maintenance over 70% @ up to 50,000 Hours
- Wide 115x135 Degree Uniform Illumination
- Aluminum Heatsink / Polycarbonate Lens
- 2-Pin G13 Base with Adjustable End Caps
- Even Lighting, No Buzzing, No Flickering, Instant Start
- No UV Radiation, No RF Interference, Minimal Heat
- No Toxic Mercury – RoHS Compliant



40 Years of LEDtronics Design,  
Engineering & Manufacturing Experience

## APPLICATIONS

*Suitable for Damp Locations*

- Interiors Provided with Solar Power
- 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

- Other Viewing Angles
- Other Color Temperatures
- Other Voltages
- Clear Lens

Replaces 48-in / 30W  
T8 Fluorescent

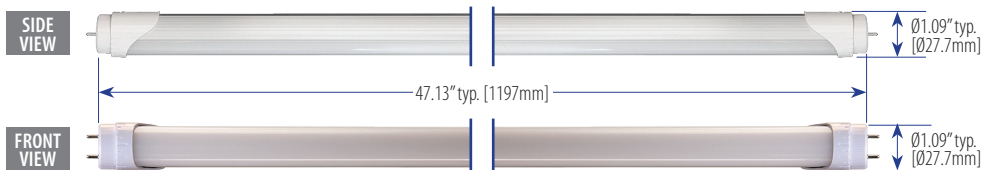


G13 Base  
2 Pin

Adjustable  
End Caps

## LED48T8KL3-18W-XPW-102WFA

Input Voltage	12~24VDC	
Tested Voltage	12VDC	24VDC
Input Power	18.6 Watts	16.9 Watts
Input Current	1.6A	0.7A
Total Lumens	2399 lm	2474 lm
Max. Candela	610 cd	631 cd
Efficacy	129 lm/W	146 lm/W
CRI	>80	
Emitted Color	Pure White	
Color Temperature	5000K	
Illumination Angle	115° x 135°	
Dimmability	Not Dimmable	
Heatsink	Aluminum / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	2-Pin G13	
Dimensions	L 47.13 x W 01.09 inch L 1197 x W 027.69 mm	
Net Weight	0.55 lbs / 250 g	



# LEDTRONICS®

America's Premium Brand LED Company™



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](http://LEDtronics.com)

## Luminaire Photometric Report

Filename: LED48T8KL3-18W-XPW-102WFA

Manufacturer: LEDTRONICS

Luminaire: FROSTED LENS, 14.2W, 12VDC

Lamp Output: 1 lamp(s), rated Lumens/lamp: 1434.3

Max Candela: 368.8 at Horizontal: 0°, Vertical: 0°

Luminous Opening: Point

Test: 6-14-22

Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Noncutoff

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	34.8	2.4%	90-100	64.4	4.5%
10-20	100.0	7.0%	100-110	43.4	3%
20-30	152.8	10.7%	110-120	28.2	2%
30-40	187.4	13.1%	120-130	17.7	1.2%
40-50	200.4	14.0%	130-140	10.4	0.7%
50-60	192.2	13.4%	140-150	5.8	0.4%
60-70	167.1	11.6%	150-160	2.9	0.2%
70-80	131.4	9.2%	160-170	1.2	0.1%
80-90	94.1	6.6%	170-180	0.2	0%

