



LED T8 Tube Lights, Ballast Bypass, 2 to 8 ft

10 to 36 Watts – 100~277VAC – Clear or Frosted Lens – 4000K, 5000K & 6000K White – G13 & Fa8 Base – ETL



FEATURES

- 5 Year LEDtronics Warranty
- Direct Retrofit into Most Ballast-Free Fluorescent T8 Fixtures
- Directly Powered G13 Bases: 2 Pins at One or Both Ends (& 6ft) / 8, 6, & 5½ ft Tubes: Single-Pin FA8 Bases
- Energy Savings of up to 50%
- Lumen Maintenance over 70% @ up to 50,000 Hours
- ~120 Degree Wide Beam, High-Lumen Illumination
- Aluminum Heatsink / Polycarbonate Lens
- Even Lighting, No Buzzing, No Flickering, Instant Start
- No UV Radiation, No RF Interference, Minimal Heat
- ETL/cETL Classified (Where Indicated)
- No Toxic Mercury - RoHS Compliant (Where Indicated)

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**

2ft - 10W - Frosted Lens

LED24T8KL1-10W-XNW-101WF (Natural White)
LED24T8KL1-10W-XPW-101WF (Pure White)

	4000K	5000K
Emitted Color	Natural White	Pure White
Input Power	8 Watts	
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.07A	
Total Lumens	1135 lm	1012 lm
Efficacy	140 lm/W	133 lm/W
Max. Candela	285 cd	237 cd
Power Factor	0.95	
CRI	>80	
Illumination Angle	110° x 140°	80° x 115°
Dimmability	Not Dimmable	
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Protection Rating	IP40 (Suitable for Damp Locations)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	2-Pin G13	
Dimensions	23.13 x 0.99 inch 587.4 x 25.15 mm	
Net Weight	0.29 lb / 131.5 g	
ETL/cETL	Classified / 5014001	



**G13 Base
2 Pin**

2ft - 10W - Clear Lens

LED24T8KL1-10W-XNW-101WC (Natural White)
LED24T8KL1-10W-XPW-101WC (Pure White)

	4000K	5000K
Emitted Color	Natural White	Pure White
Input Power	8 Watts	
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.07A	
Total Lumens	1032 lm	1257 lm
Efficacy	131 lm/W	153 lm/W
Max. Candela	313 cd	397 cd
Power Factor	0.95	
CRI	>80	
Illumination Angle	120° x 125°	115° x 120°
Dimmability	Not Dimmable	
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Protection Rating	IP40 (Suitable for Damp Locations)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Clear	
Base	2-Pin G13	
Dimensions	23.13 x 0.99 inch 587.4 x 25.15 mm	
Net Weight	0.29 lb / 131.5 g	
ETL/cETL	Classified / 5014001	

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LEDTRONICS®

America's Premium Brand LED Company™



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LED T8 Tube Lights, Ballast Bypass, G13 Base – 3 ft / 14 Watts / Frosted



3ft - 14W - Frosted Lens

LED36T8KL1-14W-XCW-101WF (Cool White)
LED36T8KL1-14W-XNW-101WF (Natural White)

	XCW	XNW
Emitted Color	Cool White	Natural White
Color Temperature	6000K	4000K
Input Power	13.5 Watts	13.4 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.115A	0.114A
Total Lumens	1809 lm	1903 lm
Efficacy	134 lm/W	142 lm/W
Max. Candela	452 cd	491 cd
Power Factor	0.98	
CRI	>80	
Illumination Angle	110° x 140°	110° x 135°
Dimmability	Not Dimmable	
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Protection Rating	IP40 (Suitable for Damp Locations)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	2-Pin G13	
Dimensions	35.23 x 0.99 inch 894.84 x 25.15 mm	
Net Weight	0.43 lb / 195 g	
RoHS Compliance	Compliant	



3ft - 14W - Frosted Lens

LED36T8KL1-14W-XPW-101WFA

Input Power	13.6 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)
Input Current	0.116A
Total Lumens	1775 lm
Max. Candela	490 cd
Power Factor	0.97
Efficacy	126 lm/W
CRI	>80
Emitted Color	Pure White
Color Temperature	5000K
Illumination Angle	110° x 130°
Dimmability	Not Dimmable
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)
Protection Rating	IP40 (Suitable for Damp Locations)
Heatsink	Aluminum / Silver Color
Lens	Polycarbonate / Frosted White
Base	2-Pin G13
Dimensions	L 35.23 x W 0.99 inch L 894.84 x W 25.15 mm
Net Weight	0.43 lb / 195 g
RoHS Compliance	Compliant



2 Pin G13 Base
Adjustable End Caps

LED T8 Tube Lights, Ballast Bypass, G13 Base – 4 & 5½ ft / 15, 18 & 24 Watts

4ft - 15W - Frosted Lens

LED48T8KL1-15W-XNW-101WF (Natural White)
LED48T8KL1-15W-XPW-101WF (Pure White)

	4000K	5000K
Emitted Color	Natural White	Pure White
Input Power	15 Watts	
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.13A	
Total Lumens	2485 lm	1875 lm
Efficacy	166 lm/W	128 lm/W
Max. Candela	631 cd	440 cd
Power Factor	0.98	0.97
CRI	>80	
Illumination Angle	115° x 140°	115° x 155°
Dimmability	Not Dimmable	
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Protection Rating	IP40 (Suitable for Damp Locations)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	2-Pin G13	
Dimensions	47.06 x 1.08 inch 1195.4 x 27.4 mm	
Net Weight	0.53 lb / 240 g	
ETL/cETL	Classified / 5014001	
RoHS Compliance	Yes	No

G13 Base
2 Pin



4ft - 15W - Clear Lens

LED48T8KL1-15W-XNW-101WC (Natural White)
LED48T8KL1-15W-XPW-101WC (Pure White)

	4000K	5000K
Emitted Color	Natural White	Pure White
Input Power	15 Watts	
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.13A	0.14A
Total Lumens	1851 lm	2425 lm
Efficacy	126 lm/W	162 lm/W
Max. Candela	560 cd	828 cd
Power Factor	0.97	0.98
CRI	>80	
Illumination Angle	120° x 125°	120° x 110°
Dimmability	Not Dimmable	
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Protection Rating	IP40 (Suitable for Damp Locations)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Clear	
Base	2-Pin G13	
Dimensions	47.06 x 1.08 inch 1195.4 x 27.4 mm	
Net Weight	0.53 lb / 240 g	
ETL/cETL	Classified / 5014001	
RoHS Compliance	No	Yes

4ft - 18W - Frosted Lens

LED48T8KL1-18W-XIW-101WF (Warm White)
LED48T8KL1-18W-XNW-101WF (Natural White)
LED48T8KL1-18W-XPW-101WF (Pure White)

	4000K	5000K
Emitted Color	Natural White	Pure White
Input Power	18 Watts	
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.15A	
Total Lumens	2716 lm	2186 lm
Efficacy	151 lm/W	122 lm/W
Max. Candela	674 cd	524 cd
Power Factor	0.98	0.97
CRI	>80	
Illumination Angle	110° x 145°	115° x 155°
Dimmability	Not Dimmable	
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	2-Pin G13	
Dimensions	47.06 x 0.99 inch 1195.4 x 25.15 mm	
Net Weight	0.56 lb / 250 g	
ETL/cETL	Classified / 5014001	
RoHS Compliance	Yes	No

4ft - 18W - Clear Lens

LED48T8KL1-18W-XIW-101WC (Warm White)
LED48T8KL1-18W-XNW-101WC (Natural White)
LED48T8KL1-18W-XPW-101WC (Pure White)

	4000K	5000K
Emitted Color	Natural White	Pure White
Input Power	18 Watts	
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.16A	0.15A
Total Lumens	2311 lm	2655 lm
Efficacy	128 lm/W	149 lm/W
Max. Candela	560 cd	803 cd
Power Factor	0.97	0.95
CRI	>80	
Illumination Angle	75° x 115°	120° x 125°
Dimmability	Not Dimmable	
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Clear	
Base	2-Pin G13	
Dimensions	47.06 x 0.99 inch 1195.4 x 25.15 mm	
Net Weight	0.56 lb / 250 g	
ETL/cETL	Classified / 5014001	
RoHS Compliance	Yes	No



5½ft - 24W - Frosted Lens

LED64T8KL1-24W-XCW-101WF

Input Power	23.4 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)
Input Current	0.204A
Total Lumens	2750 lm
Max. Candela	665 cd
Power Factor	0.96
Efficacy	118 lm/W
CRI	>80
Emitted Color	Cool White
Color Temperature	5700K~6000K
Illumination Angle	120° x 135°
Dimmability	Not Dimmable
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)
Protection Rating	IP40 (Suitable for Damp Locations)
Heatsink	Aluminum / Silver Color
Lens	Polycarbonate / Frosted White
Base	1-Pin Fa8
Dimensions	L 62.0 x W 0.99 inch L 1574.8 x W 25.15 mm
Net Weight	0.83 lbs / 376.5 g
ETL/cETL	No
RoHS Compliance	Yes

Single-Pin
Fa8 Base



LED T8 Tube Lights, Ballast Bypass – 6 & 8 ft / 26 & 36 Watts

6ft - 26W - Frosted Lens

G13 Base 2 Pin



LED72T8KL1-26WG13-XPW-101WF

Input Power	26 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)
Input Current	0.225A
Total Lumens	2504.4 lm
Max. Candela	738.3 cd
Power Factor	0.98
Efficacy	96 lm/W
CRI	>80
Emitted Color	Pure White
Color Temperature	5000K
Illumination Angle	110° x 110°
Dimmability	Not Dimmable
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)
Protection Rating	IP40 (Suitable for Damp Locations)
Heatsink	Aluminum / Silver Color
Lens	Polycarbonate / Frosted White
Base	2-Pin G13
Dimensions	L 69.38 x W 1.08 inch L 1762.1 x W 27.43 mm
Net Weight	0.9 lbs / 410 g
ETL/cETL	Classified / 5014001 (UL-T8-26B6FT-XXY)
RoHS Compliance	No



LED72T8KL1-26W-XPW-101WF (Pure White) LED72T8KL1-26W-XCW-101WF (Cool White)

	5000K	6000K
Emitted Color	Pure White	Cool White
Input Power	25 Watts	26 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.21A	0.221A
Total Lumens	3213 lm	2520 lm
Efficacy	131 lm/W	97 lm/W
Max. Candela	862 cd	676 cd
Power Factor	0.97	0.98
CRI		>80
Illumination Angle	110° x 130°	115° x 120°
Dimmability		Not Dimmable
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Protection Rating	IP40 (Suitable for Damp Locations)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	2-Pin G13	
Dimensions	69.38 x 1.08 inch 1762.13 x 27.43 mm	
Net Weight	0.9 lb / 410 g	0.86 lb / 390 g
ETL/cETL	Classified / 5014001	No
RoHS Compliance		Yes

Single-Pin Fa8 Base



8ft - 36W - Frosted Lens

Single-Pin Fa8 Base



LED96T8KL1-36W-XNW-101WF (Natural White) LED96T8KL1-36W-XPW-101WF (Pure White)

	4000K	5000K
Emitted Color	Natural White	Pure White
Input Power	34.7 Watts	35.6 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.306A	0.311A
Total Lumens	4067.3 lm	4247.4 lm
Efficacy	117 lm/W	119 lm/W
Max. Candela	1113.8 cd	1152.8 cd
Power Factor		0.95
CRI		>80
Illumination Angle	105° x 130°	
Dimmability		Not Dimmable
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Protection Rating	IP40 (Suitable for Damp Locations)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Frosted White	
Base	1-Pin Fa8	
Dimensions	93.25 x 0.99 inch 2368.5 x 25.2 mm	
Net Weight	1.13 lb / 510 g	
ETL/cETL	Classified / 5014001	
RoHS Compliance		Yes



8ft - 36W - Clear Lens

LED96T8KL1-36W-XNW-101WC (Natural White) LED96T8KL1-36W-XPW-101WC (Pure White)

	4000K	5000K
Emitted Color	Natural White	Pure White
Input Power	35 Watts	36 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Input Current	0.305A	0.307A
Total Lumens	4539 lm	4380.7 lm
Efficacy	130 lm/W	122 lm/W
Max. Candela	1633 cd	1662 cd
Power Factor	0.95	0.97
CRI		>80
Illumination Angle	105° x 110°	100° x 110°
Dimmability		Not Dimmable
Oper. Temperature	-4°F to +131°F (-20°C to +55°C)	
Protection Rating	IP40 (Suitable for Damp Locations)	
Heatsink	Aluminum Alloy / Silver Color	
Lens	Polycarbonate / Clear	
Base	1-Pin Fa8	
Dimensions	93.25 x 0.99 inch 2368.5 x 25.2 mm	
Net Weight	1.13 lb / 510 g	
ETL/cETL	Classified / 5014001	
RoHS Compliance		Yes

Single-Pin Fa8 Base

