



LED T8 Tube Lights, Type A+B Dual Mode

4 ft – 17 & 20 Watts – Frosted Glass & Film Lens – 180° Beam – 120~277VAC – G13 Base



FEATURES

- 5 Year LEDtronics Limited Warranty
- Direct Retrofit into 4-ft Fluorescent T8 Fixtures
- Energy Savings of up to 50%
- Lumen Maintenance over 70% @ 50,000+ Hours
- DLC & UL Listed (E322319)
- Extra Wide Beam, High CRI, High Lumen
- Frosted Glass & Film Lens, 2-Pin G13 Base
- Even Lighting, No Buzzing or Flickering, No Halation
- No UV/IR Radiation, No RF Interference
- No Toxic Mercury or Lead – RoHS Compliant
- LM79 & LED LM80 Reports on File

APPLICATIONS

- Coolers, Freezers, Vending Machines
- Ceiling Lights in Office, Schools, Hallways
- Parking Structure & Garage Lighting
- Lighting in Production Areas, Warehouses
- Task Lighting, Cubicles, Workbenches
- Retail Store Display Lighting
- Transportation, Railroad, Buses
- Undercabinet or Cabinet Lights
- Light Boxes, Signage Backlighting
- Cove Lighting, Closet Illumination
- Concealed Accent Lighting, Edge Lighting



Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience

AVAILABLE OPTIONS

- Other Wattages, Voltages & CCT Colors
- Other Tube Lengths / Waterclear Lens

DUAL MODE

Works with Most T8 Fluorescent Electronic Ballast – No Ballast Bypass Required Alternatively, Directly Installs into Ballast-Free T8 Tube Light Fixtures

Uses 17 Watts, Replaces Fluorescents up to 32W

LED48T8GD1-15W-XWW-101WF (Natural White)
LED48T8GD1-15W-XPW-101WF (Pure White)

	XWW	XPW
Color Temperature	4000K	5000K
Input Power*	16.9 Watts	17.1 Watts
Input Voltage	120~277VAC (Tested @120VAC)	
Input Current	0.120A	0.125A
Total Lumens	2137 lm	2195 lm
Efficacy	126.46 lm/W	128.36 lm/W
Max. Candela	385 cd	375 cd
Power Factor	0.9762	0.9652
CRI	81.9	82.4
Illumination Angle	180°	
Oper. Temperature	-4°F to 104°F (-20°C to 40°C)	
Lens	Glass & Film / Frosted White	
Base	2-Pin G13	
Dimensions	47.75 x Ø1.0 inch / 1213 x Ø25.4 mm	
Net Weight	0.48±0.03 lbs / 217.7±13.6 g	
DLC Product ID	PLVOV20H5Q75	PLWZN87L6VJ9

Bypass Double-Ended Input



4 Ft

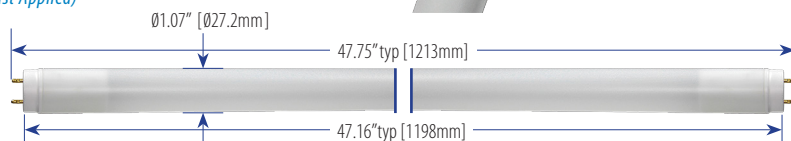
Frosted Glass & Film Lens – Shatter-resistant & Shard-free

Uses 20 Watts, Replaces Fluorescents up to 40W

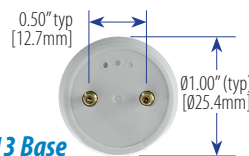
LED48T8GD1-18W-XWW-101WF (Natural White)
LED48T8GD1-18W-XPW-101WF (Pure White)

	XWW	XPW
Color Temperature	4000K	5000K
Input Power*	19.44 Watts	19.52 Watts
Input Voltage	120~277VAC (Tested @120VAC)	
Input Current	0.150A	0.145A
Total Lumens	2422 lm	2455 lm
Efficacy	124.56 lm/W	125.77 lm/W
Max. Candela	430 cd	385 cd
Power Factor	0.9231	0.9215
CRI	81.7	82.4
Illumination Angle	180°	
Oper. Temperature	-4°F to 104°F (-20°C to 40°C)	
Lens	Glass & Film / Frosted White	
Base	2-Pin G13	
Dimensions	47.75 x Ø1.0 inch / 1213 x Ø25.4 mm	
Net Weight	0.49 lbs / 7.84 oz / 222.3 g	
DLC Product ID	PLH9ZUH15QW	PLVHG36OWTS4

*(Ballast Applied)



*(Ballast Applied)



G13 Base

LEDTRONICS

America's Premium Brand LED Company™



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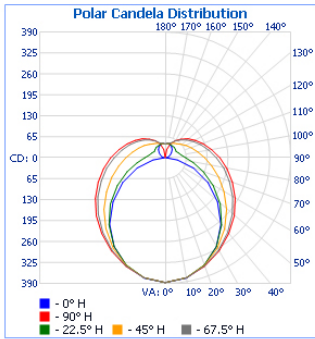
LOG 771 / Rev 05-2019

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

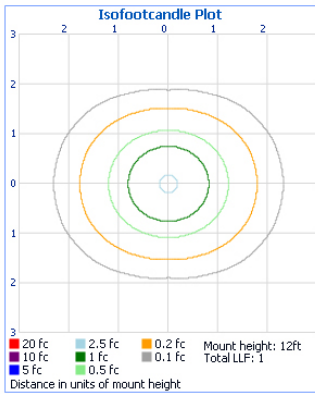
LED T8 Dual-Mode, Frosted-Glass & Film Tube Light, 4 ft: 15 & 18 Watts

LED48T8GD1-15W-XWW-101WF

Filename: LED48T8GD1-15W-XWW-101WF
Manufacturer: LEDTRONICS
Luminaire: FROSTED LENS, 14.3W, 120VAC
Lamp Output: 1 lamp(s), rated Lumens/lamp: 1828.4
Max Candela: 387.0 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 7-2-2018
Photometry: Type C
CIE Class: Semi-Direct
Cutoff Class: Noncutoff



Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	36.3	2.0%	90-100	108.9	6%
10-20	103.5	5.7%	100-110	90.7	5%
20-30	156.8	8.6%	110-120	74.3	4.1%
30-40	191.5	10.5%	120-130	59.5	3.3%
40-50	206.4	11.3%	130-140	46.2	2.5%
50-60	203.2	11.1%	140-150	33.9	1.9%
60-70	185.7	10.2%	150-160	22.7	1.2%
70-80	159.9	8.7%	160-170	12.7	0.7%
80-90	132.3	7.2%	170-180	4.0	0.2%

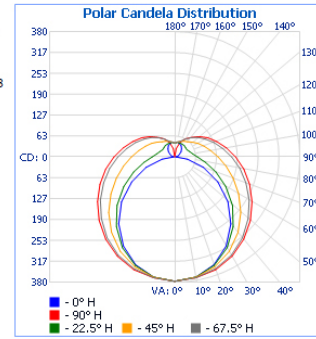


Center Beam FC	Beam Width
2.0ft	96.75 fc 5.3ft 24.2ft
4.0ft	24.19 fc 10.7ft 48.3ft
6.0ft	10.75 fc 16.0ft 72.5ft
8.0ft	6.05 fc 21.3ft 96.6ft
10.0ft	3.87 fc 26.7ft 120.8ft
12.0ft	2.69 fc 32.0ft 145.0ft

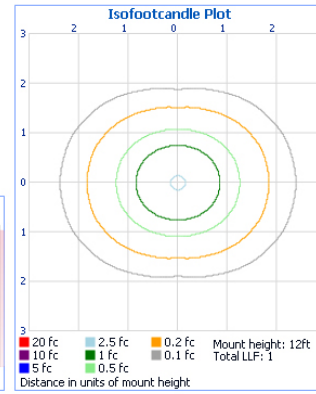
Vert. Spread: 106.3° Horiz. Spread: 161.2°

LED48T8GD1-15W-XPW-101WF

Filename: LED48T8GD1-15W-XPW-101WF
Manufacturer: LEDTRONICS
Luminaire: FROSTED LENS, 14.6W, 120VAC
Lamp Output: 1 lamp(s), rated Lumens/lamp: 1917.8
Max Candela: 377.0 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 7-2-2018
Photometry: Type C
CIE Class: Semi-Direct
Cutoff Class: Noncutoff



Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	35.5	1.9%	90-100	117.9	6.1%
10-20	102.6	5.3%	100-110	98.0	5.1%
20-30	158.3	8.3%	110-120	80.0	4.2%
30-40	196.7	10.3%	120-130	63.5	3.3%
40-50	215.0	11.2%	130-140	48.6	2.5%
50-60	213.9	11.2%	140-150	35.3	1.8%
60-70	197.4	10.3%	150-160	23.5	1.2%
70-80	171.6	8.9%	160-170	13.0	0.7%
80-90	142.9	7.4%	170-180	4.0	0.2%



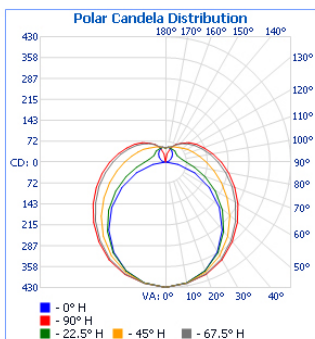
Center Beam FC	Beam Width
2.0ft	94.25 fc 5.5ft 183.3ft
4.0ft	23.56 fc 10.9ft 366.6ft
6.0ft	10.47 fc 16.4ft 550.0ft
8.0ft	5.89 fc 21.8ft 733.3ft
10.0ft	3.77 fc 27.3ft 916.6ft
12.0ft	2.62 fc 32.7ft 1,099.9ft

Vert. Spread: 107.5° Horiz. Spread: 177.5°

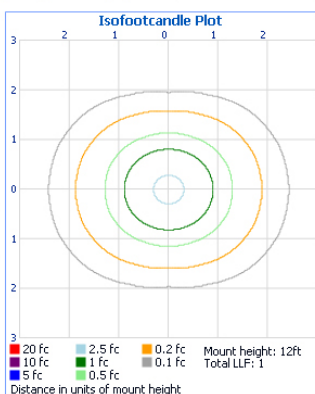
PHOTOMETRIC REPORTS

LED48T8GD1-18W-XWW-101WF

Filename: LED48T8GD1-18W-XWW-101WF
Manufacturer: LEDTRONICS
Luminaire: FROSTED LENS, 17.6W, 120VAC
Lamp Output: 1 lamp(s), rated Lumens/lamp: 2088.4
Max Candela: 429.0 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 7-2-2018
Photometry: Type C
CIE Class: Semi-Direct
Cutoff Class: Noncutoff



Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	40.4	1.9%	90-100	123.9	5.9%
10-20	116.1	5.6%	100-110	103.1	4.9%
20-30	178.2	8.5%	110-120	84.8	4.1%
30-40	219.5	10.5%	120-130	68.2	3.3%
40-50	237.4	11.4%	130-140	53.0	2.5%
50-60	233.3	11.2%	140-150	39.1	1.9%
60-70	212.8	10.2%	150-160	26.2	1.3%
70-80	182.6	8.7%	160-170	14.7	0.7%
80-90	150.5	7.2%	170-180	4.6	0.2%

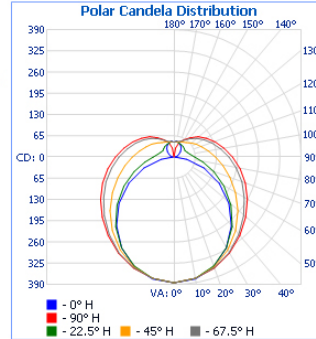


Center Beam FC	Beam Width
2.0ft	107.25 fc 5.5ft 29.4ft
4.0ft	26.81 fc 11.0ft 58.7ft
6.0ft	11.92 fc 16.5ft 88.1ft
8.0ft	6.70 fc 21.9ft 117.4ft
10.0ft	4.29 fc 27.4ft 146.8ft
12.0ft	2.98 fc 32.9ft 176.2ft

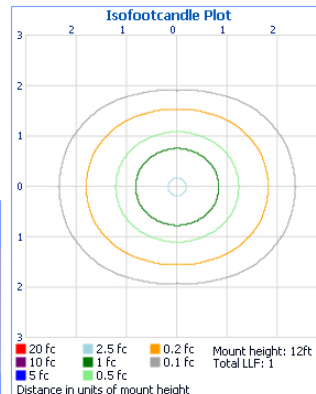
Vert. Spread: 107.8° Horiz. Spread: 164.5°

LED48T8GD1-18W-XPW-101WF

Filename: LED48T8GD1-18W-XPW-101WF
Manufacturer: LEDTRONICS
Luminaire: FROSTED LENS, 17.4W, 120VAC
Lamp Output: 1 lamp(s), rated Lumens/lamp: 1881.9
Max Candela: 384.8 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 7-2-2018
Photometry: Type C
CIE Class: Semi-Direct
Cutoff Class: Noncutoff



Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	36.2	1.9%	90-100	114.0	6.1%
10-20	103.8	5.5%	100-110	94.7	5%
20-30	158.6	8.4%	110-120	77.4	4.1%
30-40	195.1	10.4%	120-130	61.7	3.3%
40-50	211.5	11.2%	130-140	47.4	2.5%
50-60	209.2	11.1%	140-150	34.4	1.8%
60-70	192.5	10.2%	150-160	23.2	1.2%
70-80	166.6	8.9%	160-170	13.3	0.7%
80-90	138.2	7.3%	170-180	4.2	0.2%



Center Beam FC	Beam Width
2.0ft	96.20 fc 5.6ft 47.9ft
4.0ft	24.05 fc 11.3ft 95.9ft
6.0ft	10.69 fc 16.9ft 143.8ft
8.0ft	6.01 fc 22.5ft 191.8ft
10.0ft	3.85 fc 28.1ft 239.7ft
12.0ft	2.67 fc 33.8ft 287.7ft

Vert. Spread: 109.2° Horiz. Spread: 170.5°