



LED PLL Lamps, 2G11 Base, Frosted

Sizes 9, 13, 16 & 22 inch – 9 to 22 Watts – 100 to 277VAC – 270° Wide Beam – 4000K Natural White



FEATURES

- 3 Year LEDtronics Warranty
- Lumen Maintenance over 70% @ up to 40,000 Hours
- Energy Savings of up to 70% over Fluorescents
- 270-degree Wide Beam, 4000K Natural White
- Solid State – Shock & Vibration Proof
- High Lumen, High CRI, Even Lighting
- UL Recognized (E343376, CPS-XAYY-F10)
- No Buzzing, No Flickering, No Heat
- No UV or IR Radiation, No RF Interference
- No Glass, No Mercury, Polycarbonate Lens

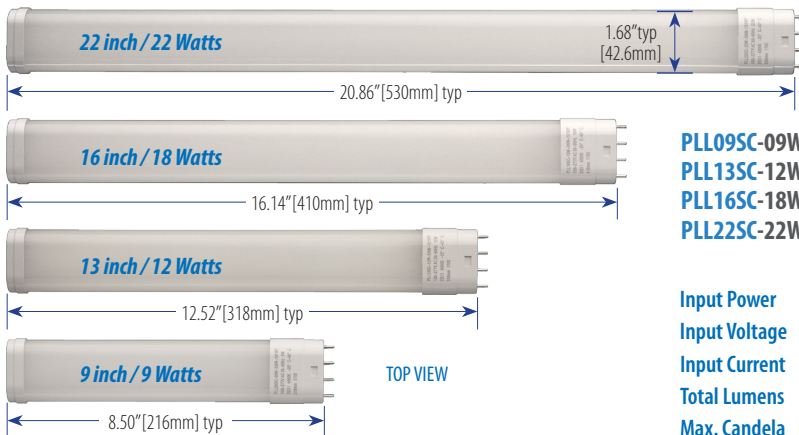
APPLICATIONS

- Direct Retrofit with Simple Ballast Bypass into 4-Pin, In-line PLL Fluorescent Fixtures
- Ceiling Lights in Offices, Schools, Hallways
- Retail Store Display Lighting
- Undercabinet Lighting
- Sign Backlighting
- Wall Sconce Lighting
- Workspace or Cube Lighting

Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience

AVAILABLE OPTIONS

- Other Tube Lengths
- Other Color Temperatures
- Other Wattages



- PLL09SC-09W-XNW-101WF** (9 inch / 9 Watts – replaces 18W fluorescent PLL)
- PLL13SC-12W-XNW-101WF** (13 inch / 12 Watts – replaces 24W)
- PLL16SC-18W-XNW-101WF** (16 inch / 18 Watts – replaces 36W)
- PLL22SC-22W-XNW-101WF** (22 inch / 22 Watts – replaces 40W or 55W)

	PLL09SC	PLL13SC	PLL16SC	PLL22SC
Input Power	9 Watts	12 Watts	18 Watts	22 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)			
Input Current	0.075 A	0.100 A	0.145 A	0.179 A
Total Lumens	830 lm	1315 lm	1690 lm	2460 lm
Max. Candela	215 cd	345 cd	490 cd	640 cd
Efficacy	95 lm/W	110 lm/W	95 lm/W	115 lm/W
Power Factor	0.98	0.98	0.98	0.97
LED Emitted Color	Natural White			
Color Temp. (CCT)	4000K			
Illumination Angle	270°			
CRI	>80			
THD Rating	23.3%	19.5%	19.2%	23%
Housing	Aluminum 6063 / Silver Color			
Lens	Polycarbonate / Frosted White			
Base	4-Pin 2G11			
LEDs	3020 SMD			
Dimmability	Not Dimmable			
Safety Rating	IP20			
Oper. Temperature	-4°F ~ +104°F / -20°C ~ +40°C			
Weight	2.8 oz / 79.4 g	3.8 oz / 107.7 g	5.0 oz / 141.7 g	6.2 oz / 175.7 g



Optional Accessory: 
 Mounting Support Clip Holder
 MTG-CLIP-23452-A

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
 Website: ledtronics.com



© 2018 LEDtronics, Inc.

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

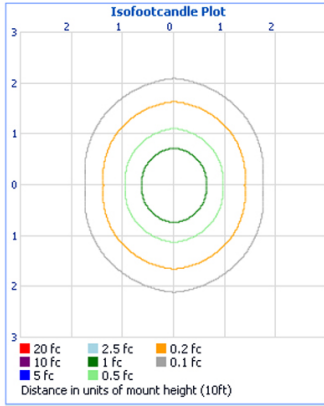
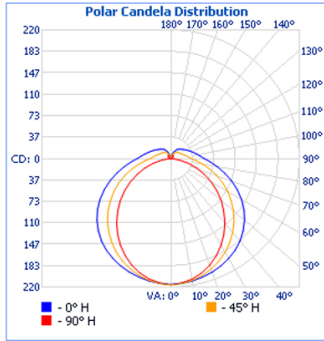
LOG 719 / Rev 04-2018

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

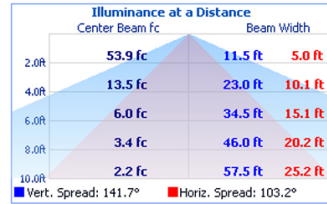
PLL09SC-09W-XNW-101WF

Luminaire Photometric Report

Filename: PLL09SC-09W-XNW-101WF
 Manufacturer: LEDTRONICS
 Luminaire: FROSTED LENS, 8.7W, 120VAC
 Lamp Output: 1 lamp, rated Lumens/lamp: 829.3
 Max Candela: 216.4 at Horizontal: 45°, Vertical: 0°
 Lumines Opening: Point
 Test: 4-18-17
 Photometry : Type C
 CIE Class: Semi-Direct
 Cutoff Class: Noncutoff
 Nema Type: 7 X 7



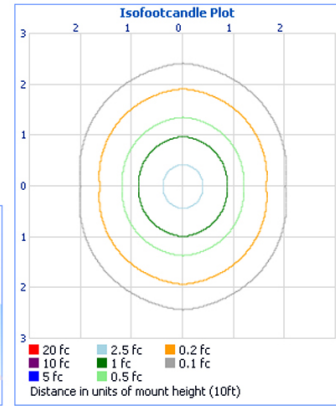
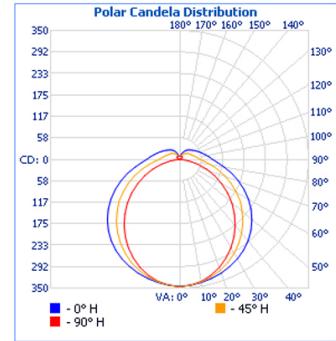
Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	20.4	2.5%	90-100	30.7	3.7%
10-20	58.4	7.0%	100-110	24.0	2.9%
20-30	89.2	10.8%	110-120	19.0	2.3%
30-40	109.7	13.2%	120-130	15.1	1.8%
40-50	117.5	14.2%	130-140	11.4	1.4%
50-60	112.1	13.5%	140-150	7.4	0.9%
60-70	95.0	11.5%	150-160	4.0	0.5%
70-80	69.9	8.4%	160-170	0.9	0.1%
80-90	44.7	5.4%	170-180	0	0%



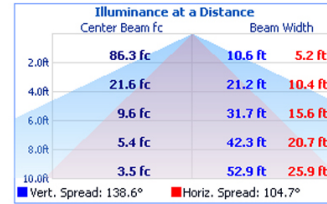
PLL13SC-12W-XNW-101WF

Luminaire Photometric Report

Filename: PLL13SC-12W-XNW-101WF
 Manufacturer: LEDTRONICS
 Luminaire: FROSTED LENS, 12W, 120VAC
 Lamp Output: 1 lamp, rated Lumens/lamp: 1314.7
 Max Candela: 346.3 at Horizontal: 90°, Vertical: 0°
 Lumines Opening: Point
 Test: 4-18-17
 Photometry : Type C
 CIE Class: Semi-Direct
 Cutoff Class: Noncutoff
 Nema Type: 7 X 7



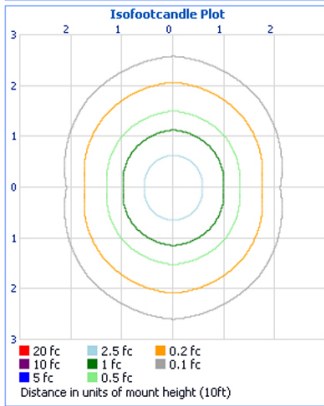
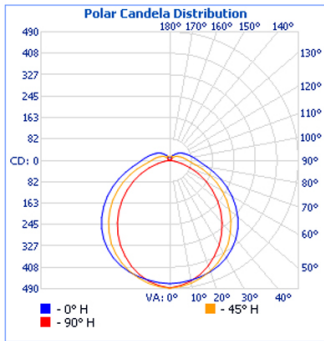
Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	32.6	2.5%	90-100	48.8	3.7%
10-20	93.3	7.1%	100-110	38.3	2.9%
20-30	142.4	10.8%	110-120	30.5	2.3%
30-40	174.7	13.3%	120-130	23.9	1.8%
40-50	186.7	14.2%	130-140	17.4	1.3%
50-60	177.9	13.5%	140-150	11.5	0.9%
60-70	149.6	11.4%	150-160	6.4	0.5%
70-80	109.2	8.3%	160-170	1.8	0.1%
80-90	69.5	5.3%	170-180	0	0%



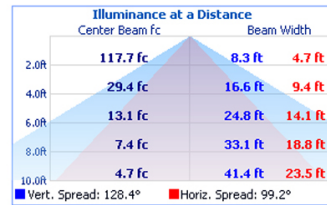
PLL16SC-18W-XNW-101WF

Luminaire Photometric Report

Filename: PLL16SC-18W-XNW-101WF
 Manufacturer: LEDTRONICS
 Luminaire: FROSTED LENS, 17.5W, 120VAC
 Lamp Output: 1 lamp, rated Lumens/lamp: 1689.2
 Max Candela: 488.1 at Horizontal: 45°, Vertical: 0°
 Lumines Opening: Point
 Test: 4-18-17
 Photometry : Type C
 CIE Class: Semi-Direct
 Cutoff Class: Noncutoff
 Nema Type: 7 X 7



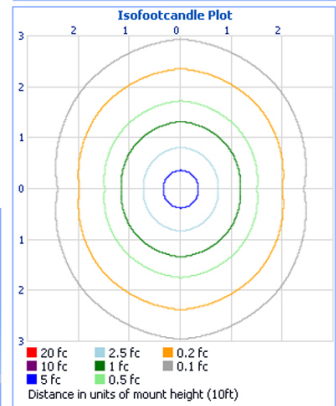
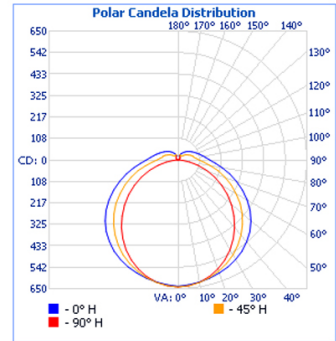
Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	45.4	2.7%	90-100	59.7	3.5%
10-20	129.6	7.7%	100-110	46.0	2.7%
20-30	196.9	11.7%	110-120	34.5	2%
30-40	239.2	14.2%	120-130	24.7	1.5%
40-50	250.5	14.8%	130-140	16.2	1%
50-60	231.0	13.7%	140-150	11.3	0.7%
60-70	186.1	11.0%	150-160	7.4	0.4%
70-80	127.9	7.6%	160-170	2.3	0.1%
80-90	80.7	4.8%	170-180	0	0%



PLL22SC-22W-XNW-101WF

Luminaire Photometric Report

Filename: PLL22SC-22W-XNW-101WF
 Manufacturer: LEDTRONICS
 Luminaire: FROSTED LENS, 21W, 120VAC
 Lamp Output: 1 lamp, rated Lumens/lamp: 2457.9
 Max Candela: 641.0 at Horizontal: 45°, Vertical: 0°
 Lumines Opening: Point
 Test: 4-19-17
 Photometry : Type C
 CIE Class: Semi-Direct
 Cutoff Class: Noncutoff
 Nema Type: 7 X 7



Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	60.3	2.5%	90-100	89.5	3.6%
10-20	173.2	7.0%	100-110	70.8	2.9%
20-30	265.8	10.8%	110-120	54.1	2.2%
30-40	328.0	13.3%	120-130	39.4	1.6%
40-50	352.6	14.3%	130-140	26.0	1.1%
50-60	337.0	13.7%	140-150	18.1	0.7%
60-70	284.7	11.6%	150-160	12.6	0.5%
70-80	209.3	8.5%	160-170	4.0	0.2%
80-90	132.5	5.4%	170-180	0	0%

