



LED PLL Lamps, 2G11 Base, Frosted

Sizes 9, 13, 16 & 22 inch – 9 to 22 Watts – 100 to 277VAC – 270° Wide Beam – 3000K or 4000K White



FEATURES

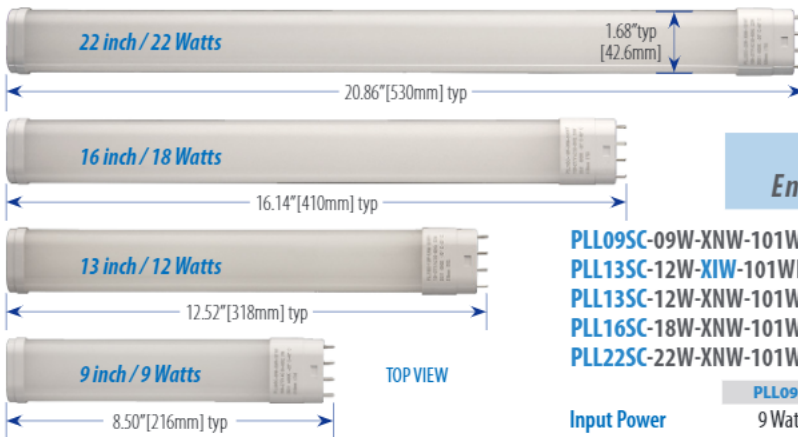
- 3 Year LEDtronics Warranty
- Lumen Maintenance over 70% @ up to 40,000 Hours
- Energy Savings of up to 70% over Fluorescents
- Wide 270-degree Beam, Warm or Natural White
- Solid State – Shock & Vibration Proof
- High Lumen, High CRI, Even Lighting
- UL Recognized (E343376, CPS-XAYY-F10)
- No Buzzing,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

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

AVAILABLE OPTIONS

- Other Tube Lengths
- Other Color Temperatures
- Other Wattages



Over 30 Years of LEDtronics Design, Engineering & Manufacturing Experience

- PLL09SC-09W-XNW-101WF (9 inch / 9 Watts – replaces 18W fluorescent PLL)
- PLL13SC-12W-XIW-101WF (13 inch / 12 Watts / 3000K – replaces 24W)
- PLL13SC-12W-XNW-101WF (13 inch / 12 Watts / 4000K – 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-XIW	PLL13SC-XNW	PLL16SC	PLL22SC
Input Power	9 Watts	12 Watts	12 Watts	18 Watts	22 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)				
Input Current	0.075 A	0.100 A	0.100 A	0.145 A	0.179 A
Total Lumens	830 lm	1185 lm	1315 lm	1690 lm	2460 lm
Max. Candela	215 cd	315 cd	345 cd	490 cd	640 cd
Efficacy	95 lm/W	110 lm/W	110 lm/W	95 lm/W	115 lm/W
Power Factor	0.98	0.98	0.98	0.98	0.97
LED Emitted Color	Natural White	Warm White	Natural White	Natural White	Natural White
Color Temp. (CCT)	4000K	3000K	4000K	4000K	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	Non-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	3.8 oz/107.7 g	5.0 oz/141.7 g	6.2 oz/175.7 g



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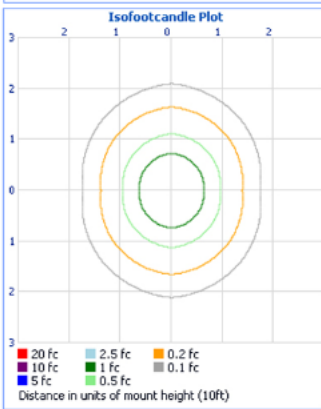
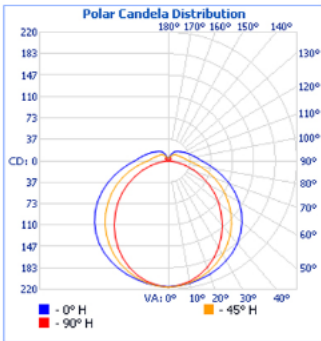
LOG 719 / Rev 08-2017

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 Printed material may be outdated.

PLL09SC-09W-XNW-101WF

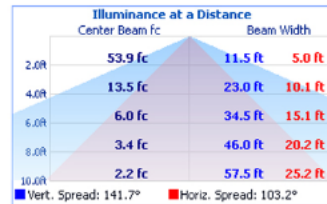
Luminaire Photometric Report

Filename: PLL09SC-09W-XNW-101WF
 Manufacturer: LEDTRONICS
 Luminaire: FROSTED LENS, 6.7W, 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

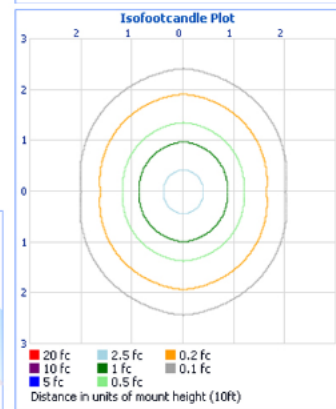
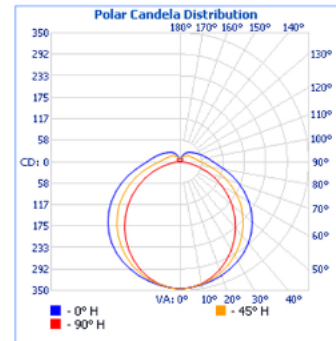
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	20.4	2.5%	90-100	30.7	3.7%
10-20	58.4	7.0%	100-110	24.0	2.9%
20-30	89.2	10.8%	110-120	19.0	2.3%
30-40	109.7	13.2%	120-130	15.1	1.8%
40-50	117.5	14.2%	130-140	11.4	1.4%
50-60	112.1	13.5%	140-150	7.4	0.9%
60-70	95.0	11.5%	150-160	4.0	0.5%
70-80	69.9	8.4%	160-170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



PLL13SC-12W-XNW-101WF

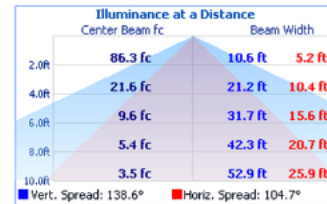
Luminaire Photometric Report

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

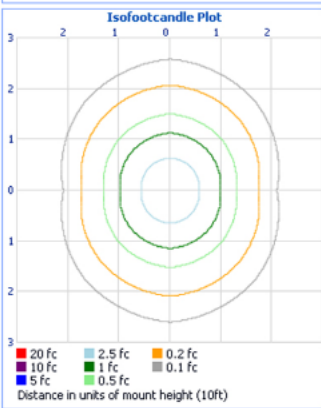
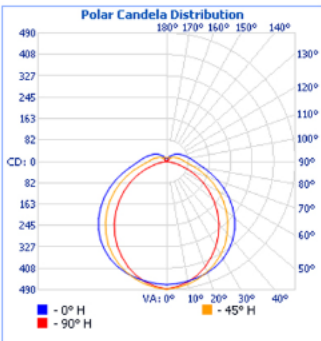
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	32.6	2.5%	90-100	48.8	3.7%
10-20	93.3	7.1%	100-110	38.3	2.9%
20-30	142.4	10.8%	110-120	30.5	2.3%
30-40	174.7	13.3%	120-130	23.9	1.8%
40-50	186.7	14.2%	130-140	17.4	1.3%
50-60	177.9	13.5%	140-150	11.5	0.9%
60-70	149.6	11.4%	150-160	6.4	0.5%
70-80	109.2	8.3%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



PLL16SC-18W-XNW-101WF

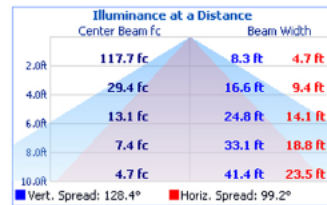
Luminaire Photometric Report

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

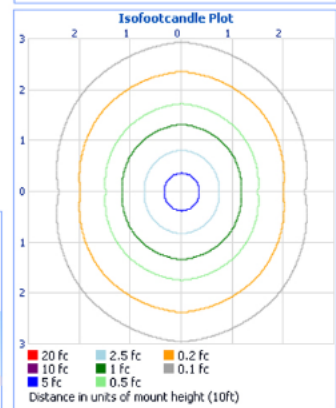
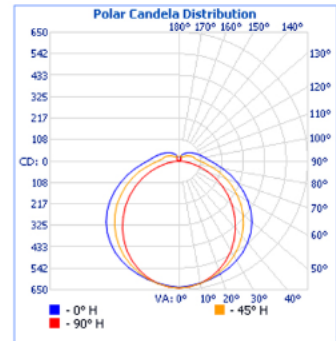
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	45.4	2.7%	90-100	59.7	3.5%
10-20	129.6	7.7%	100-110	46.0	2.7%
20-30	196.9	11.7%	110-120	34.5	2%
30-40	239.2	14.2%	120-130	24.7	1.5%
40-50	250.5	14.8%	130-140	16.2	1%
50-60	231.0	13.7%	140-150	11.3	0.7%
60-70	186.1	11.0%	150-160	7.4	0.4%
70-80	127.9	7.6%	160-170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

