

Dimensions in inches

Lamp Type	A.	B.	C.	D.
9W	8.875"	8.50"	6.50"	1.625"
12W	12.875"	12.50"	10.50"	1.625"
18W	16.50"	16.125"	14.125"	1.625"
22W	21.25"	20.875"	18.875"	1.625"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PL - 2G11 tubes are designed for the replacement of existing PL fluorescent lighting systems. The LED-PL series tubes are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used PL tube system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-PL18-09W-215-UNV-841
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Length	Voltage	Color Temp.
LED = LED	PL18 = 18W PL Tube Replacmnt PL24 = 24W PL Tube Replacmnt PL36 = 36W PL Tube Replacmnt PL40 = 40W PL Tube Replacmnt	09W = 9 Watt 12W = 12 Watt 18W = 18 Watt 22W = 22 Watt	215 = 215mm 318 = 318mm 412 = 412mm 534 = 534mm	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K



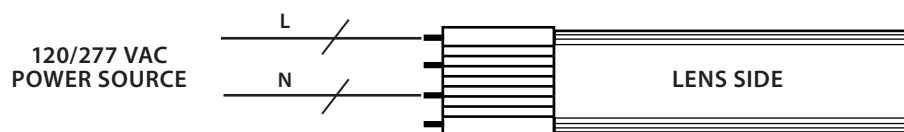
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Replaces	Base	Beam Angle
LED-PL18-09W-215-UNV-835	9	0.078-0.034	>0.90	<20%	3,500°	>80	720	80	18W	2G11	120°
LED-PL18-09W-215-UNV-841	9	0.078-0.034	>0.90	<20%	4,100°	>80	738	82	18W	2G11	120°
LED-PL18-09W-215-UNV-850	9	0.078-0.034	>0.90	<20%	5,000°	>80	756	84	18W	2G11	120°
LED-PL24-12W-318-UNV-835	12	0.105-0.045	>0.90	<20%	3,500°	>80	960	80	24W	2G11	120°
LED-PL24-12W-318-UNV-841	12	0.105-0.045	>0.90	<20%	4,100°	>80	984	82	24W	2G11	120°
LED-PL24-12W-318-UNV-850	12	0.105-0.045	>0.90	<20%	5,000°	>80	1,008	84	24W	2G11	120°
LED-PL36-18W-412-UNV-835	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,440	80	18W	2G11	120°
LED-PL36-18W-412-UNV-841	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,476	82	18W	2G11	120°
LED-PL36-18W-412-UNV-850	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,512	84	18W	2G11	120°
LED-PL40-22W-534-UNV-835	22	0.192-0.083	>0.90	<20%	3,500°	>80	1,760	80	40W	2G11	120°
LED-PL40-22W-534-UNV-841	22	0.192-0.083	>0.90	<20%	4,100°	>80	1,804	82	40W	2G11	120°
LED-PL40-22W-534-UNV-850	22	0.192-0.083	>0.90	<20%	5,000°	>80	1,848	84	40W	2G11	120°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 18, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



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