



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-741
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Length	Voltage	Color Temp.
LED = LED	PL18 = 18W PL Tube Replacemnt PL24 = 24W PL Tube Replacemnt PL36 = 36W PL Tube Replacemnt PL40 = 40W PL Tube Replacemnt	09W = 9 Watt 12W = 12 Watt 18W = 18 Watt 22W = 22 Watt	215 = 215mm 318 = 318mm 412 = 412mm 534 = 534mm	UNV = 120-277 VAC	735 = 3500°K 741 = 4100°K 750 = 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-735	9	0.078-0.034	>0.90	<15%	3,500°	>75	630	70	18W	2G11	120°
LED-PL18-09W-215-UNV-741	9	0.078-0.034	>0.90	<15%	4,100°	>75	648	72	18W	2G11	120°
LED-PL18-09W-215-UNV-750	9	0.078-0.034	>0.90	<15%	5,000°	>75	666	74	18W	2G11	120°
LED-PL24-12W-318-UNV-735	12	0.105-0.045	>0.90	<15%	3,500°	>75	840	70	24W	2G11	120°
LED-PL24-12W-318-UNV-741	12	0.105-0.045	>0.90	<15%	4,100°	>75	964	72	24W	2G11	120°
LED-PL24-12W-318-UNV-750	12	0.105-0.045	>0.90	<15%	5,000°	>75	888	74	24W	2G11	120°
LED-PL36-18W-412-UNV-735	18	0.157-0.068	>0.90	<15%	3,500°	>75	1,260	70	18W	2G11	120°
LED-PL36-18W-412-UNV-741	18	0.157-0.068	>0.90	<15%	4,100°	>75	1,296	72	18W	2G11	120°
LED-PL36-18W-412-UNV-750	18	0.157-0.068	>0.90	<15%	5,000°	>75	1,332	74	18W	2G11	120°
LED-PL40-22W-534-UNV-735	22	0.192-0.083	>0.90	<15%	3,500°	>75	1,540	70	40W	2G11	120°
LED-PL40-22W-534-UNV-741	22	0.192-0.083	>0.90	<15%	4,100°	>75	1,584	72	40W	2G11	120°
LED-PL40-22W-534-UNV-750	22	0.192-0.083	>0.90	<15%	5,000°	>75	1,628	74	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) > 75
- 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 < 15%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 18, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)

