



Incredible **50,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PL lamps are designed for the replacement of existing PL fluorescent lighting systems. The LED-PL series are offered in a variety of color temperatures for flexibility in all types of applications. 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 lamp system fixtures.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Aluminum extruded backing for excellent thermal management.
- Correlated Color Temperatures of 3000°K, 4100°K, & 5000°K.
- Rotatable end caps.
- 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-PL005-UNV-830-G24-2
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
LED = LED	PL = PL Lamp	011 = 11 W 012 = 12 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	G24-2 = G24 2 Pin



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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-PL011-UNV-830-G24-2	11	0.096-0.041	>0.90	<20%	3,000°	>80	950	86	22W	G24	120°
LED-PL011-UNV-841-G24-2	11	0.096-0.041	>0.90	<20%	4,100°	>80	970	88	22W	G24	120°
LED-PL011-UNV-850-G24-2	11	0.096-0.041	>0.90	<20%	5,000°	>80	1,000	90	22W	G24	120°
LED-PL012-UNV-830-G24-2	12	0.105-0.045	>0.90	<20%	3,000°	>80	1,050	88	22W	G24	120°
LED-PL012-UNV-841-G24-2	12	0.105-0.045	>0.90	<20%	4,100°	>80	1,070	89	22W	G24	120°
LED-PL012-UNV-850-G24-2	12	0.105-0.045	>0.90	<20%	5,000°	>80	1,100	91	22W	G24	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
- Driver Off-State Draw 0 Watts
- Sound Rating Class A
- LED / Driver System Life 50,000 Hrs.
- Lumen Maintenance @ 30,000Hrs > 70%
- Color Temperature Various
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -35°C
- Maximum Starting Temperature 45°C
- Lumens per Watt > 85
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- ETL Listed / UL Standard 496 Yes
- FCC Compliance Part 15, Subp. C
- Warranty 5 Year

RETROFIT OPTIONS



REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	Min. Can Size Needed	MODEL NO.
CFL	22	11	7 inch	LED-PL011
CFL	22	12	7 inch	LED-PL012

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Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
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Spec. Rev. 7-2016