

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

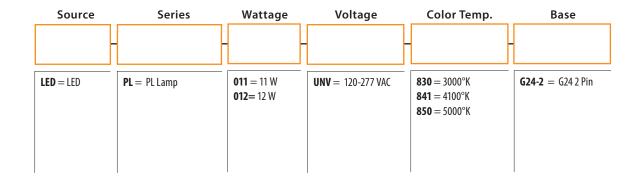
- · Office Lighting
- · School Lighting
- · Healthcare Lighting
- · Storage Lighting

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







lightinnovations@work™



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	
· Hot Re-start	InstantON
· Universal Input Line Voltage	120-277 VAC
· Input Line Frequency	
· Driver Off-State Draw	
· Sound Rating	Class A
· LED / Driver System Life	
· Lumen Maintenance @ 30,000Hrs	>70%
· Color Temperature	Various

Color Rendering Index (CRI)	> 80
Minimum Starting Temperature	
Maximum Starting Temperature	45°C
Lumens per Watt	> 85
Shock / Vibration Resistant	
Power Factor	> 0.90
Total Harmonic Distortion	< 20%
ETL Listed / UL Standard 496	Yes
FCC Compliance	Part 15, Subp. C
Warranty	

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

Spec. Rev. 7-2



