

# 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

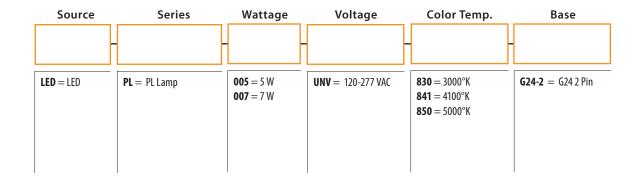
- · Office Lighting
- · School Lighting
- · Healthcare Lighting
- · Storage Lighting

## 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-PL005-UNV-830-G24-2	5	0.043-0.018	>0.90	<20%	3,000°	>80	450	90	11W	G24	120°
LED-PL005-UNV-841-G24-2	5	0.043-0.018	>0.90	<20%	4,100°	>80	460	92	11W	G24	120°
LED-PL005-UNV-850-G24-2	5	0.043-0.018	>0.90	<20%	5,000°	>80	480	96	11W	G24	120°
LED-PL007-UNV-830-G24-2	7	0.061-0.026	>0.90	<20%	3,000°	>80	620	88	13W	G24	120°
LED-PL007-UNV-841-G24-2	7	0.061-0.026	>0.90	<20%	4,100°	>80	630	90	13W	G24	120°
LED-PL007-UNV-850-G24-2	7	0.061-0.026	>0.90	<20%	5,000°	>80	650	92	13W	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	5 Year

# **RETROFIT OPTIONS**



## REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	Min. Can Size Needed	MODEL NO.	
CFL	11	5	4 inch	LED-PL005	
CFL	CFL 13		4 inch	LED-PL007	

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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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