

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

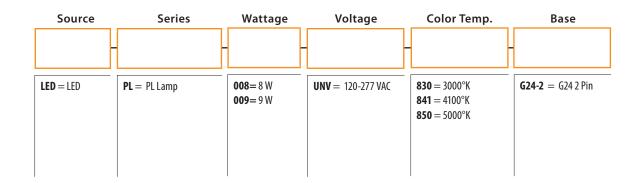
- · Office Lighting
- · School Lighting
- · Healthcare Lighting
- · Storage Lighting

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-PL008-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-PL008-UNV-830-G24-2	8	0.069-0.030	>0.90	<20%	3,000°	>80	700	88	18W	G24	120°
LED-PL008-UNV-841-G24-2	8	0.069-0.030	>0.90	<20%	4,100°	>80	720	90	18W	G24	120°
LED-PL008-UNV-850-G24-2	8	0.069-0.030	>0.90	<20%	5,000°	>80	750	93	18W	G24	120°
LED-PL009-UNV-830-G24-2	9	0.078-0.034	>0.90	<20%	3,000°	>80	800	88	18W	G24	120°
LED-PL009-UNV-841-G24-2	9	0.078-0.034	>0.90	<20%	4,100°	>80	820	91	18W	G24	120°
LED-PL009-UNV-850-G24-2	9	0.078-0.034	>0.90	<20%	5,000°	>80	850	94	18W	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	
Color Temperature	Various

	Color Rendering Index (CRI)	> 80
	Minimum Starting Temperature	
	Maximum Starting Temperature	
	Lumens per Watt	
	Shock / Vibration Resistant	
	Power Factor	
	Total Harmonic Distortion	
	ETL Listed / UL Standard 496	
	FCC Compliance	
•	Warranty	5 Year

RETROFIT OPTIONS



REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	Min. Can Size Needed	MODEL NO.	
CFL	18	8	6 inch	LED-PL008	
CFL 18		9	6 inch	LED-PL009	

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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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