

# 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

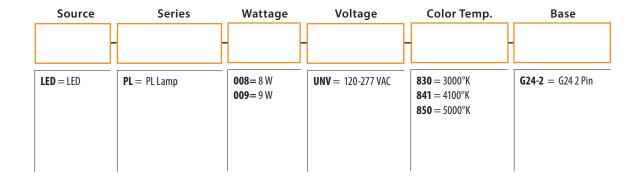
- · Office Lighting
- · School Lighting
- · Healthcare Lighting
- · Storage Lighting

## 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









## **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	8	0.069-0.030	>0.90	<20%	3,000°	>80	640	>80	18W	G24	120°
LED-PL005-UNV-841-G24-2	8	0.069-0.030	>0.90	<20%	4,100°	>80	670	>80	18W	G24	120°
LED-PL005-UNV-850-G24-2	8	0.069-0.030	>0.90	<20%	5,000°	>80	700	>80	18W	G24	120°
LED-PL007-UNV-830-G24-2	9	0.078-0.034	>0.90	<20%	3,000°	>80	700	>80	18W	G24	120°
LED-PL007-UNV-841-G24-2	9	0.078-0.034	>0.90	<20%	4,100°	>80	730	>80	18W	G24	120°
LED-PL007-UNV-850-G24-2	9	0.078-0.034	>0.90	<20%	5,000°	>80	760	>80	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	50/60 Hz
Ballast Off-State Draw	
· Sound Rating	Class A
ANSI Surge Protection	Class A
· LED / Driver System Life	50,000 Hrs.
· Lumen Maintenance @ 30,000Hrs	

	Color Temperature	. Various
	Color Rendering Index (CRI)	.>80
•	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	. < 20%
•	ETL Listed / UL Standard 496	. Yes
•	FCC Compliance	. Part 18, Subp. C
	Warranty	

## **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	