



## PLL LAMPS LED TUBES

### KEY FEATURES

Upgrade your lighting with the LEDS Ballast Bypass PLL Tubes, designed for seamless retrofits and enhanced illumination. Engineered for durability and performance, these tubes feature a 2G11 Bi-Pin base, UL Damp Location rating, and a remarkable lifespan of 50,000 hours—equivalent to 45 years of continuous use. Maintenance-free and backed by a 5-year limited warranty, the PLL Tube Series delivers reliable, hassle-free lighting solutions for any space.

### CCT & Light Quality

- 4000K or 2500K, 80+ CRI

### Light Output

- Light Output: 2800lm
- Efficacy Rating: 121.7 LPW
- 2G11 Bi-Pin Base
- Life time rating 50,000 hrs.

### SPECIFICATIONS

#### Electrical

- Operates at 120-277, 50/60Hz
- Power Factor: > 0.9 nominal | THD <20%
- Operating Temperature: -4°F (-20°C) to 113°F (45°C)

#### Warranty

5-Year Standard Warranty. See terms at: [LEDS-LLC.com](http://LEDS-LLC.com)

DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	



### Certifications & Test Data

- cULus Classified, Damp Location
- RoHS compliant with no lead or mercury
- DLC Standard Listed. Search [qpl.designlights.org](http://qpl.designlights.org) for details



KEY DATA	
Lumen	2800 lm
Wattage	23W
Fluorescent Equivalent	58-70W
Efficacy Range (LPW)	121.7
Reported Life (Hours)	L70 / 50,000

## STOCK ORDERING INFORMATION

Catalog Part Number	Order Code	Lumen Package	Wattage (Nominal)	Efficacy	CCT	CRI	Voltage	Dimming	DLC Listed*
PLL-2340-B	PLL1481	2800 lm	23W	121.7 LPW	4000K	80 (min)	120-277V	Non-Dim	Standard
PLL-2335-B-N	PLL1483	2800 lm	23W	121.7 LPW	2500K	80 (min)	120-277V	Non-Dim	Standard

## DIMENSIONS



LEDS, LLC  
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All specifications are subject to change without notice. All reported values are typical, measured under laboratory conditions @ 25° C (77° F). Actual performance can vary slightly as a result of end-user application & environment.