



## 2 Pin Magnetic Ballast PL Lamp Retrofits

### Models

<b>LED-7311-XXK-G2</b>	<b>G23-2, 120-277VAC, 2700K, 3500K &amp; 4000K CCT</b>
<b>LED-7312-XXK-G2</b>	<b>GX23-2, 120-277VAC, 2700K, 3500K &amp; 4000K CCT</b>
<b>LED-7300-XXK-G2</b>	<b>GX23, 120-277VAC, 2700K, 3500K &amp; 4000K CCT</b>
<b>LED-7322-XXK-G2</b>	<b>G24d, 120-277VAC, 2700K, 3500K &amp; 4000K CCT</b>

### Description

Light Efficient Design's 2 Pin PL Retrofits replace CFL lamps up to 26W (see model details). Unique lamp designs closely match existing PL lamps to deliver optimum light distribution. Operates with magnetic ballasts or 120-277V Line Voltage.

### Features

- 5W or 7W LED Replaces up to 26W CFL Lamps
- Up to 900 lumen output
- 2 Pin socket types only (see technical specification for each models)
- Suitable for damp environments and semi-enclosed recessed fixtures or equivalent
- 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website))
- 5 Year Limited Warranty - see website for details
- Insect/dust resistant housing



LED-7312  
Similar to  
LED-7311 and  
LED-7322

LED-7300



### TECHNICAL SPECIFICATIONS - 120-277V - ALL MODELS eULus (\* = data pulled from LM79 report)

MODEL	VOLTAGE	WATTAGE	LUMENS*	LPW*	REPLACES	BASE	CCT	CRI*	THD*	PF*	R9*	Duv*	LIGHT DISTRIBUTION	DIMMABLE
LED-7311-27K-G2	120-277V	7W	815	120	Up to 13W 2 Pin PL	G23-2	2700K	> 80	< 20%	> .90	N/A	N/A	Directional / 120°	No
LED-7311-35K-G2			883	120			3500K	> 80	< 20%	> .90	N/A	N/A		
LED-7311-40K-G2			892	134			4000K	> 80	< 20%	> .90	N/A	N/A		
LED-7312-27K-G2	120-277V	7W	801	118	Up to 13W 2 Pin PL	GX23-2	2700K	> 80	< 20%	> .90	N/A	N/A	Directional / 120°	No
LED-7312-35K-G2			899	129			3500K	> 80	< 20%	> .90	N/A	N/A		
LED-7312-40K-G2			914	131			4000K	> 80	< 20%	> .90	N/A	N/A		
LED-7300-27K-G2	120-277V	5W	500	100	Up to 9W 2 Pin PL	GX23	2700K	> 80	< 20%	> .90	N/A	N/A	Omni-directional / 360°	No
LED-7300-35K-G2			550	110			3500K	> 80	< 20%	> .90	N/A	N/A		
LED-7300-40K-G2			550	110			4000K	> 80	< 20%	> .90	N/A	N/A		
LED-7322-27K-G2	120-277V	7W	849	121	Up to 26W 2 Pin PL	G24d	2700K	> 80	< 20%	> .90	N/A	N/A	Directional / 120°	No
LED-7322-35K-G2			869	129			3500K	> 80	< 20%	> .90	N/A	N/A		
LED-7322-40K-G2			887	132			4000K	> 80	< 20%	> .90	N/A	N/A		




### PACKAGING SPECIFICATIONS

MODEL	PRODUCT DIMENSION	PRODUCT WEIGHT	UNIT CARTON DIMENSION	UNIT CTN WT	SHIPPER CARTON DIMENSION	SHIPPER CTN WT	CARTON QUANTITY
LED-7311-XXK-G2	5.5 X 1.374 in./ 146 X 35 mm.	0.4 Lbs/.18 kg.	6.9 X 2.4 X 2.2 in./ 175 X 60 X 55 mm.	0.3 lbs/.13 kg.	15.9 X 7.3 X 4.9 in./ 405 X 185 X 125 mm.	4 lbs./1.8 kg.	24
LED-7312-XXK-G2	5.5 X 1.374 in./ 146 X 35 mm.	0.4 Lbs/.18 kg.	6.9 X 2.4 X 2.2 in./ 175 X 60 X 55 mm.	0.3 lbs/.13 kg.	15.9 X 7.3 X 4.9 in./ 405 X 185 X 125 mm.	4 lbs./1.8 kg.	24
LED-7300-XXK-G2	5.5 X 1.4 in./ 140 X 35 mm.	0.4 Lbs/.18 kg.	6.8 X 2.5 X 2.2 in./ 172 X 63 X 56 mm.	0.3 lbs/.13 kg.	10.5 X 7.25 X 7.25 in./ 266 X 184 X 184 mm.	4 lbs./1.8 kg.	24
LED-7322-XXK-G2	5.5 X 1.374 in./ 146 X 35 mm.	0.4 Lbs/.18 kg.	6.9 X 2.4 X 2.2 in./ 175 X 60 X 55 mm.	0.3 lbs/.13 kg.	15.9 X 7.3 X 4.9 in./ 405 X 185 X 125 mm.	4 lbs./1.8 kg.	24

### ENERGY SAVING vs. HID

LED Lamp Power (watts)	7
PL Lamp Power (watts)	18
PL Ballast Power (watts)	3
Total power Savings (watts)	13.7
Annual Energy Savings	\$7.70
Lifetime Energy Savings over 50,000 hrs)	\$75.35

### Mounting Orientation

		BASE DOWN	BASE UP	HORIZONTAL
				
		APPROVED	APPROVED	APPROVED
		THERMAL SPECIFICATIONS		
Recommended Minimum Fixture Size		OPERATING TEMPERATURE		0°F to +85°F / -17°C to +30°C
Width	6	IN-SITU TEMP MEASUREMENT/L70		
Height	6	LED TEMPERATURE*		N/A
Volume (Cu. Cm.)	216	L70 LED LUMEN MAINTAINENCE*		N/A
* FROM ISTMT REPORT AT 25°C				