



# PL Type A+B LED PL Lamps

## HIGHLIGHTS

- LED PL Type A+B dual mode lamps works on magnetic ballasts or direct line voltage as well as 2 or 4 pin bases
- Works with the existing ballast (Type A) or bypassing the ballast and wiring directly to line voltage (Type B)
- LED PL G24d (2-pin) replaces traditional G24d & GX24d (2-pin) 13W, 18W, and 26W CFL lamps (Type A+B installation)
- LED PL G23 & GX23 (2-pin) replaces traditional G23 & GX23 (2-pin) 7W, 9W, and 13W CFL lamps (Type A+B installation)
- LED PL G24d (2-pin) replaces traditional G24q (4-pin) & GX24q (4-pin) 13W, 18W, and 26W CFL lamps (Type B Installation only)
- Rotatable base (select models) provides precision aiming (horizontal installation)
- Instantaneous full light output upon power-up
- Polycarbonate lens reduces the risk of injury or breakage

## CERTIFICATIONS

- UL Certified for US & Canada
- RoHS Compliant
- FCC Compliant
- ICES-005 Compliant
- Damp Location Rated

## PERFORMANCE

- High efficacy: up to 139 lm/W
- Available in fixed wattage models: 3.5W, 5W, 5.5W, 6W, 7W, 8.3W, 8.5W, 9W, 9.5W
- Available in 2700K, 3000K, 3500K or 4000K CCT or FieldCCT models: field-selectable CCT 27/30/35/4000K
- CRI >80
- Estimated Lifetime: L70> 50,000 hours

## ELECTRICAL

- Input voltage: Type A - Voltage dependent on ballast; Type B - 120-277VAC
- Power Factor: >0.9
- THD: <20%
- Not suitable for use with dimmers

## THERMAL

- -4°F to 113°F (-20°C to 45°C) operating temperature\*

## CONSTRUCTION

- Aluminum heatsink
- Polybutylene Terephthalate base
- Shatter-resistant lamp housing

## BALLAST COMPATIBILITY

- For a list of compatible ballasts please download the guide [here](#)

## WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

\*Not recommended for air-tight fixtures

## KEY FEATURES

### TYPE A+B FLEXIBILITY

Type A+B lamps provide a greater flexibility in installation methods: use an existing ballast or wire directly to line voltage.

### EASY PLUG AND PLAY

**For Type A installation:** provides a quick and easy installation.

### NO BALLAST REQUIRED

**For Type B installation:** Eliminate the ballast with a simple installation bypassing the existing fluorescent ballast and wiring directly to line voltage while utilizing the existing socket.

### FEWER SKUS TO MANAGE

One lamp can work on multiple sockets, allowing you to reduce your inventory while providing more flexibility to your customers (see Socket Compatibility section).

### THREE COLOR TEMPERATURES IN ONE

FieldCCT models (one SKU providing 3000K, 3500K, 4000K CCT) allows you to reduce your inventory while providing more flexibility to your customers (available on 8.5W G24d base models).

### ROTATABLE BASE

Horizontal installation models feature a rotatable base of up to 270° to provide precision aiming.

project name	type
catalog number	voltage
approved by	date



FieldCCT  
CCT-SELECTABLE  
MODELS

ONE LAMP WORKS  
WITH MULTIPLE  
SOCKETS



ROTATABLE  
BASE

## AVAILABLE MODELS

ORDER CODE	ITEM #	WATTS	LUMENS	CCT*	EFFICACY (lm/W)	VOLTAGE	INSTALL POSITION	BEAM ANGLE	ROTATABLE BASE	TRADITIONAL WATTAGE EQUIVALENT
<b>G23</b>										
12898	L3.5WPLS/AB/827/U/G23/H	3.5	325	2700	93	120-277VAC or Ballast Dependent	Horizontal	120°	N/A	5W /7W /9W CFL
14583	L3.5WPLS/AB/830/U/G23/H	3.5	330	3000	94	120-277VAC or Ballast Dependent	Horizontal	120°	N/A	5W /7W /9W CFL
14584	L3.5WPLS/AB/835/U/G23/H	3.5	350	3500	100	120-277VAC or Ballast Dependent	Horizontal	120°	N/A	5W /7W /9W CFL
12859	L3.5WPLS/AB/840/U/G23/H	3.5	350	4000	100	120-277VAC or Ballast Dependent	Horizontal	120°	N/A	5W /7W /9W CFL
15474	L3.5WPLS/ABP/8FCCT/U/G23/H	3.5	400	27/30/35/4000	114	120-277 or Ballast Dependent	Horizontal	180°	N/A	5W /7W /9W CFL
14610	L5WPLS/AB/827/U/G23/O	5	610	2700	122	120-277VAC or Ballast Dependent	Universal	300°	N/A	5W /7W /9W /11W CFL
14611	L5WPLS/AB/830/U/G23/O	5	620	3000	124	120-277VAC or Ballast Dependent	Universal	300°	N/A	5W /7W /9W /11W CFL
14612	L5WPLS/AB/835/U/G23/O	5	630	3500	126	120-277VAC or Ballast Dependent	Universal	300°	N/A	5W /7W /9W /11W CFL
14613	L5WPLS/AB/840/U/G23/O	5	650	4000	130	120-277VAC or Ballast Dependent	Universal	300°	N/A	5W /7W /9W /11W CFL
<b>GX23</b>										
14589	L5.5WPLC/AB/827/U/GX23/V	5.5	560	2700	102	120-277VAC or Ballast Dependent	Vertical	120°	N/A	13W CFL
14590	L5.5WPLC/AB/830/U/GX23/V	5.5	570	3000	104	120-277VAC or Ballast Dependent	Vertical	120°	N/A	13W CFL
12863	L5.5WPLC/AB/835/U/GX23/V	5.5	570	3500	104	120-277VAC or Ballast Dependent	Vertical	120°	N/A	13W CFL
12893	L5.5WPLC/AB/840/U/GX23/V	5.5	620	4000	113	120-277VAC or Ballast Dependent	Vertical	120°	N/A	13W CFL
14587	L5.5WPLC/AB/827/U/GX23/HR	5.5	560	2700	102	120-277VAC or Ballast Dependent	Horizontal	110°	270°	13W CFL
14588	L5.5WPLC/AB/830/U/GX23/HR	5.5	570	3000	104	120-277VAC or Ballast Dependent	Horizontal	110°	270°	13W CFL
12899	L5.5WPLC/AB/835/U/GX23/HR	5.5	590	3500	107	120-277VAC or Ballast Dependent	Horizontal	110°	270°	13W CFL
12883	L5.5WPLC/AB/840/U/GX23/HR	5.5	620	4000	113	120-277VAC or Ballast Dependent	Horizontal	110°	270°	13W CFL
14591	L5.5WPLS/AB/827/U/GX23/H	5.5	550	2700	100	120-277VAC or Ballast Dependent	Horizontal	120°	N/A	13W CFL
12891	L5.5WPLS/AB/830/U/GX23/H	5.5	550	3000	100	120-277VAC or Ballast Dependent	Horizontal	120°	N/A	13W CFL
14592	L5.5WPLS/AB/835/U/GX23/H	5.5	560	3500	102	120-277VAC or Ballast Dependent	Horizontal	120°	N/A	13W CFL
12886	L5.5WPLS/AB/840/U/GX23/H	5.5	570	4000	104	120-277VAC or Ballast Dependent	Horizontal	120°	N/A	13W CFL
15475	L5.5WPLS/ABP/8FCCT/U/GX23/H	5.5	620	27/30/35/4000	113	120-277 or Ballast Dependent	Horizontal	180°	N/A	13W CFL
14614	L7WPLS/AB/827/U/GX23/O	7	780	2700	111	120-277VAC or Ballast Dependent	Universal	300°	N/A	13W CFL
14615	L7WPLS/AB/830/U/GX23/O	7	800	3000	114	120-277VAC or Ballast Dependent	Universal	300°	N/A	13W CFL
14616	L7WPLS/AB/835/U/GX23/O	7	810	3500	116	120-277VAC or Ballast Dependent	Universal	300°	N/A	13W CFL
14617	L7WPLS/AB/840/U/GX23/O	7	830	4000	119	120-277VAC or Ballast Dependent	Universal	300°	N/A	13W CFL

\*All CCT-selectable lamps ship at 4000K CCT

## AVAILABLE MODELS CONT'D

ORDER CODE	ITEM #	WATTS	LUMENS	CCT*	EFFICACY (lm/W)	VOLTAGE	INSTALL POSITION	BEAM ANGLE	ROTATABLE BASE	TRADITIONAL WATTAGE EQUIVALENT
<b>G24D</b>										
12873	L6WPLC/AB/840/U/G24D/HR	6	600	4000	100	120-277VAC or Ballast Dependent	Horizontal	110°	270°	13W /18W CFL
12890	L6WPLC/AB/835/U/G24D/HR	6	550	3500	92	120-277VAC or Ballast Dependent	Horizontal	110°	270°	13W /18W CFL
12871	L6WPLC/AB/835/U/G24D/V	6	600	3500	100	120-277VAC or Ballast Dependent	Vertical	120°	N/A	13W /18W CFL
12888	L6WPLC/AB/840/U/G24D/V	6	650	4000	108	120-277VAC or Ballast Dependent	Vertical	120°	N/A	13W /18W CFL
14601	L7WPLC/AB/827/U/G24D/O	7	850	2700	121	120-277VAC or Ballast Dependent	Universal	360°	N/A	13W /18W CFL
14602	L7WPLC/AB/830/U/G24D/O	7	860	3000	123	120-277VAC or Ballast Dependent	Universal	360°	N/A	13W /18W CFL
12862	L7WPLC/AB/835/U/G24D/O	7	880	3500	126	120-277VAC or Ballast Dependent	Universal	360°	N/A	13W /18W CFL
12869	L7WPLC/AB/840/U/G24D/O	7	900	4000	129	120-277VAC or Ballast Dependent	Universal	360°	N/A	13W /18W CFL
14618	L7WPLS/AB/827/U/G24D/O	7	780	2700	111	120-277VAC or Ballast Dependent	Universal	300°	N/A	13W /18W CFL
14619	L7WPLS/AB/830/U/G24D/O	7	800	3000	114	120-277VAC or Ballast Dependent	Universal	300°	N/A	13W /18W CFL
14620	L7WPLS/AB/835/U/G24D/O	7	810	3500	116	120-277VAC or Ballast Dependent	Universal	300°	N/A	13W /18W CFL
14621	L7WPLS/AB/840/U/G24D/O	7	830	4000	119	120-277VAC or Ballast Dependent	Universal	300°	N/A	13W /18W CFL
14603	L8.3WPLC/AB/8FCCT/U/G24D/HR	8.3	1000	27/30/35/4000	118	120-277VAC or Ballast Dependent	Horizontal	110°	270°	18W /26W CFL
12867	L8.5WPLC/AB/8FCCT/U/G24D/HR	8.5	1010	30/35/4000	119	120-277VAC or Ballast Dependent	Horizontal	110°	270°	18W /26W CFL
12882	L8.5WPLC/AB/835/U/G24D/HR	8.5	950	3500	112	120-277VAC or Ballast Dependent	Horizontal	110°	270°	18W /26W CFL
12864	L8.5WPLC/AB/840/U/G24D/HR	8.5	1000	4000	118	120-277VAC or Ballast Dependent	Horizontal	110°	270°	18W /26W CFL
14604	L8.3WPLC/AB/8FCCT/U/G24D/V	8.3	1105	27/30/35/4000	130	120-277VAC or Ballast Dependent	Vertical	120°	N/A	18W /26W CFL
12894	L8.5WPLC/AB/8FCCT/U/G24D/V	8.5	1120	30/35/4000	132	120-277VAC or Ballast Dependent	Vertical	120°	N/A	18W /26W CFL
12872	L8.5WPLC/AB/835/U/G24D/V	8.5	1050	3500	124	120-277VAC or Ballast Dependent	Vertical	120°	N/A	18W /26W CFL
12884	L8.5WPLC/AB/840/U/G24D/V	8.5	1050	4000	124	120-277VAC or Ballast Dependent	Vertical	120°	N/A	18W /26W CFL
12880	L9WPLC/AB/835/U/G24D/O	9	1200	3500	133	120-277VAC or Ballast Dependent	Universal	360°	N/A	18W /26W CFL
12889	L9WPLC/AB/840/U/G24D/O	9	1250	4000	139	120-277VAC or Ballast Dependent	Universal	360°	N/A	18W /26W CFL
14609	L9WPLC/AB/8FCCT/U/G24D/O	9	1185	27/30/35/4000	132	120-277VAC or Ballast Dependent	Universal	360°	N/A	18W /26W CFL

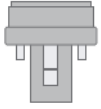
\*All CCT-selectable lamps ship at 4000K CCT

## BATTERY BACKUP (NOTE: BALLAST BY-PASS INSTALLATION ONLY)

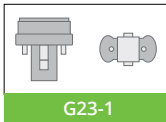
ORDER CODE	ITEM #	DESCRIPTION	INPUT VOLTAGE	EMERGENCY TIME	OUTPUT POWER	COMPATIBLE LAMP WATTAGE	RECHARGE TIME	TITLE 20
11674	EEBE08WHA170S	External Emergency Battery, 8W	120-347V	>90 mins	Max. 8W	8W or below	24 hrs	Yes
11675	EEBE18WHA170S	External Emergency Battery, 18W	120-347V	>90 mins	Max. 18W	18W or below	24 hrs	Yes

# SOCKET COMPATIBILITY

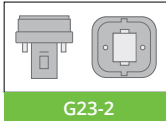
TYPE A+B  
G23  
PL LAMP



WORKS WITH

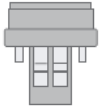


G23-1

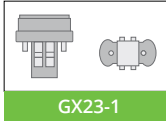


G23-2

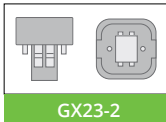
TYPE A+B  
GX23  
PL LAMP



WORKS WITH

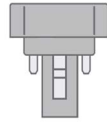


GX23-1

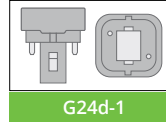


GX23-2

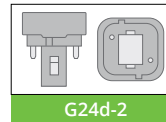
TYPE A+B  
G24D  
PL LAMP



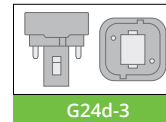
WORKS WITH  
(TYPE A+B INSTALL)



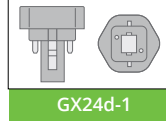
G24d-1



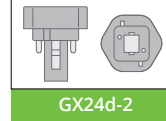
G24d-2



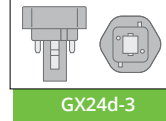
G24d-3



GX24d-1

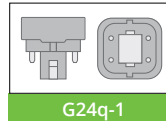


GX24d-2

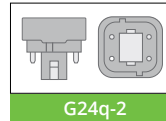


GX24d-3

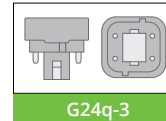
WORKS WITH  
(TYPE B INSTALL ONLY)



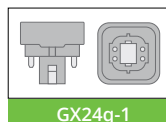
G24q-1



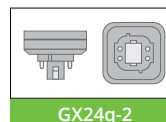
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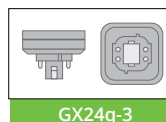
G24q-3



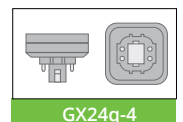
GX24q-1



GX24q-2



GX24q-3

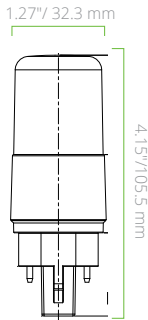


GX24q-4

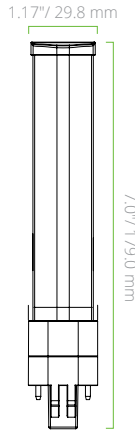
# PRODUCT DIMENSIONS



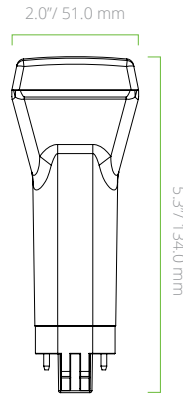
**L3.5W G23 BASE HORIZONTAL**



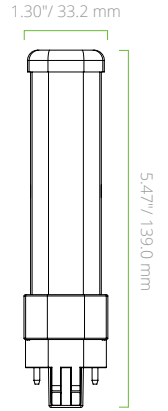
**L5W G23 BASE OMNI-DIRECTIONAL**



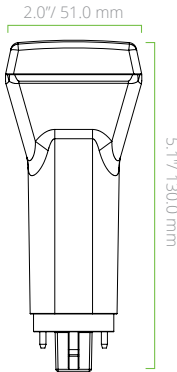
**L5.5W GX23 BASE HORIZONTAL**



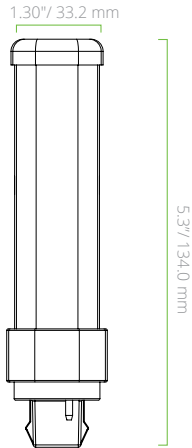
**L5.5W GX23 BASE VERTICAL**



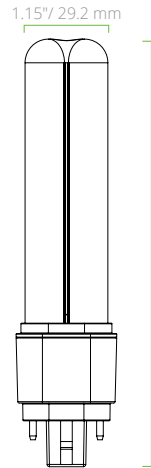
**L5.5W GX23 ROTATABLE BASE HORIZONTAL**



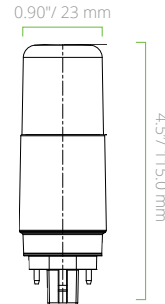
**L6W G24D BASE VERTICAL**



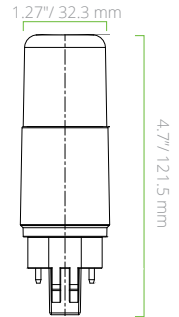
**L6W G24D BASE HORIZONTAL**



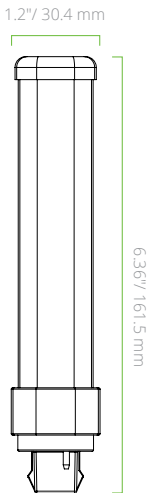
**L7W G24D BASE OMNI-DIRECTIONAL**



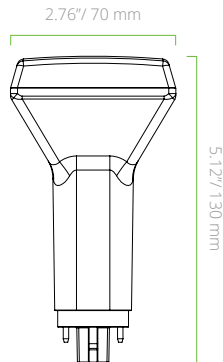
**L7W G24D BASE OMNI-DIRECTIONAL**



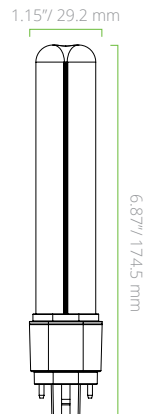
**L7W GX23 BASE OMNI-DIRECTIONAL**



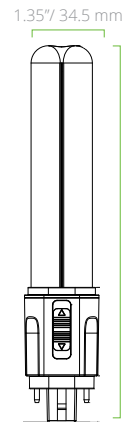
**L8.3 & 8.5W G24D BASE HORIZONTAL**



**L8.3 & 8.5W G24D BASE VERTICAL**



**L9W G24D BASE OMNI-DIRECTIONAL**



**L9W G24D BASE OMNI-DIRECTIONAL (CCT SELECTABLE)**