



# LED PL Lamps

## Type B



These energy efficient lamps are the perfect solution for replacing fluorescent PL lamps. Designed for use in commercial downlights, they are ideal for a variety of retail, office and hospitality applications.

### Reasons to choose the LED PL Type B lamps from TCP

- Bypass installation eliminates ballast compatibility issues and provides higher LPWV efficiency
- Vertical and horizontal application options
- Classic PL shapes offer omni-directional lighting options
- Horizontal shapes offer rotatable base to direct light where needed
- Superior energy efficiency compared to CFL PL technology, providing instant energy savings
- Built-in 120-277V driver for multi-volt bypass applications
- GX23 base compatibility
- G24d/GX24d/G24q/GX24q base compatibility
- Suitable for use in dry and damp locations
- Long life ratings 25,000 - 50,000 hours
- 5 year warranty

### Ideal Applications

- Recessed downlights
- Track and display lights
- Sconces
- General lighting

### Specifications

Voltage ..... 120-277V  
 Input Line Frequency ..... 50/60HZ  
 Lamp Life (Rated) ..... 25,000/50,000 hours  
 Minimum Starting Temp ..... -22°C  
 Maximum Operating Temp ..... 40°C

CRI ..... 80  
 Beam Angle BR Shapes ..... 110°  
 Base ..... GX23, 2G11,  
 G24d/GX24d/G24q/GX24q

Approved for enclosed fixtures with minimum lamp compartment size 8" diameter x 11" height.



## Specifications



ITEM #	DESCRIPTION	VOLTAGE	WATTS	CFL WATT EQUIVALENT	LUMENS	LPW	CCT	HOURS	CRI	MOL (inches)	DIA (inches)	BASE	CASE QTY
<b>5W – Type B – Non-Dimmable • 25,000 Hours</b>													
LPLU09B2527K	LED 5W 1U B 27K	120-277	5	5-7-9	500	100	2700K	25000	80	6.5	1.3	GX23	12
LPLU09B2530K	LED 5W 1U B 30K	120-277	5	5-7-9	550	110	3000K	25000	80	6.5	1.3	GX23	12
LPLU09B2535K	LED 5W 1U B 35K	120-277	5	5-7-9	550	110	3500K	25000	80	6.5	1.3	GX23	12
LPLU09B2541K	LED 5W 1U B 41K	120-277	5	5-7-9	550	110	4100K	25000	80	6.5	1.3	GX23	12
LPLU09B2550K	LED 5W 1U B 50K	120-277	5	5-7-9	550	110	5000K	25000	80	6.5	1.3	GX23	12
<b>7W – Type B – Non-Dimmable • 25,000 Hours</b>													
LPLU13B2527K	LED 7W 1U B 27K	120-277	7	9-13	700	100	2700K	25000	80	6.5	1.3	GX23	12
LPLU13B2530K	LED 7W 1U B 30K	120-277	7	9-13	750	107.1	3000K	25000	80	6.5	1.3	GX23	12
LPLU13B2535K	LED 7W 1U B 35K	120-277	7	9-13	750	107.1	3500K	25000	80	6.5	1.3	GX23	12
LPLU13B2541K	LED 7W 1U B 41K	120-277	7	9-13	750	107.1	4100K	25000	80	6.5	1.3	GX23	12
LPLU13B2550K	LED 7W 1U B 50K	120-277	7	9-13	750	107.1	5000K	25000	80	6.5	1.3	GX23	12
<b>6W – Type B – Non-Dimmable • 25,000 Hours</b>													
LPL209B2530K	LED 6W 2U B 30K	120-277	6	9-13	600	100	3000K	25000	80	4.6	1.3	G23 / GX23	12
<b>8W – Type B – Non-Dimmable • 25,000 Hours</b>													
LPL213B2527K	LED 8W 2U B 27K	120-277	8	9-13	1000	125	2700K	25000	80	5.9	1.3	G23 / GX23	12
LPL213B2530K	LED 8W 2U B 30K	120-277	8	9-13	1000	125	3000K	25000	80	5.9	1.3	G23 / GX23	12
LPL213B2535K	LED 8W 2U B 35K	120-277	8	9-13	1000	125	3500K	25000	80	5.9	1.3	G23 / GX23	12
LPL213B2541K	LED 8W 2U B 41K	120-277	8	9-13	1000	125	4100K	25000	80	5.9	1.3	G23 / GX23	12
LPL213B2550K	LED 8W 2U B 50K	120-277	8	9-13	1000	125	5000K	25000	80	5.9	1.3	G23 / GX23	12



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ITEM #	DESCRIPTION	VOLTAGE	WATTS	CFL WATT EQUIVALENT	LUMENS	LPW	CCT	HOURS	CRI	MOL (inches)	DIA (inches)	BASE	CASE QTY
<b>8W – Type B – Non-Dimmable • 25,000 Hours</b>													
LPL218B2527K	LED 8W 2U B 27K	120-277	8	13-18-26	975	121.9	2700K	25000	80	5.7	1.1	G24d / GX24d / G24q / GX24q	12
LPL218B2530K	LED 8W 2U B 30K	120-277	8	13-18-26	1000	125	3000K	25000	80	5.7	1.1	G24d / GX24d / G24q / GX24q	12
LPL218B2535K	LED 8W 2U B 35K	120-277	8	13-18-26	1025	128.1	3500K	25000	80	5.7	1.1	G24d / GX24d / G24q / GX24q	12
LPL218B2541K	LED 8W 2U B 41K	120-277	8	13-18-26	1050	131.3	4100K	25000	80	5.7	1.1	G24d / GX24d / G24q / GX24q	12
LPL218B2550K	LED 8W 2U B 50K	120-277	8	13-18-26	1050	131.3	5000K	25000	80	5.7	1.1	G24d / GX24d / G24q / GX24q	12
<b>13W – Type B – Non-Dimmable • 25,000 Hours</b>													
LPLU42B2527K	LED 13W 3U B 27K	120-277	13	32 - 42	1400	107.7	2700K	25000	80	5.5	1.8	G24d / GX24d / G24q / GX24q	12
LPLU42B2530K	LED 13W 3U B 30K	120-277	13	33 - 42	1500	115.4	3000K	25000	80	5.5	1.8	G24d / GX24d / G24q / GX24q	12
LPLU42B2535K	LED 13W 3U B 35K	120-277	13	34 - 42	1500	115.4	3500K	25000	80	5.5	1.8	G24d / GX24d / G24q / GX24q	12
LPLU42B2541K	LED 13W 3U B 41K	120-277	13	35 - 42	1600	123.1	4100K	25000	80	5.5	1.8	G24d / GX24d / G24q / GX24q	12
LPLU42B2550K	LED 13W 3U B 50K	120-277	13	36 - 42	1600	123.1	5000K	25000	80	5.5	1.8	G24d / GX24d / G24q / GX24q	12
<b>9W – Type B – Non-Dimmable • 50,000 Hours</b>													
LPLH26B5027K	LED 9W HORIZ B 27K	120-277	9	18 - 26	1100	122.2	2700K	50000	80	5.6	1.4	G24d / GX24d / G24q / GX24q	12
LPLH26B5030K	LED 9W HORIZ B 30K	120-277	9	18 - 26	1100	122.2	3000K	50000	80	5.6	1.4	G24d / GX24d / G24q / GX24q	12
LPLH26B5035K	LED 9W HORIZ B 35K	120-277	9	18 - 26	1150	127.8	3500K	50000	80	5.6	1.4	G24d / GX24d / G24q / GX24q	12
LPLH26B5041K	LED 9W HORIZ B 41K	120-277	9	18 - 26	1150	127.8	4100K	50000	80	5.6	1.4	G24d / GX24d / G24q / GX24q	12
LPLH26B5050K	LED 9W HORIZ B 50K	120-277	9	18 - 26	1150	127.8	5000K	50000	80	5.6	1.4	G24d / GX24d / G24q / GX24q	12
<b>9W – Type B – Non-Dimmable • 50,000 Hours</b>													
LPLV26B5027K	LED 9W BR30 B 27K	120-277	9	18 - 26	1100	122.2	2700K	50000	80	5.2	3.7	G24d / GX24d / G24q / GX24q	12
LPLV26B5030K	LED 9W BR30 B 30K	120-277	9	18 - 26	1100	122.2	3000K	50000	80	5.2	3.7	G24d / GX24d / G24q / GX24q	12
LPLV26B5035K	LED 9W BR30 B 35K	120-277	9	18 - 26	1150	127.8	3500K	50000	80	5.2	3.7	G24d / GX24d / G24q / GX24q	12
LPLV26B5041K	LED 9W BR30 B 41K	120-277	9	18 - 26	1150	127.8	4100K	50000	80	5.2	3.7	G24d / GX24d / G24q / GX24q	12
LPLV26B5050K	LED 9W BR30 B 50K	120-277	9	18 - 26	1150	127.8	5000K	50000	80	5.2	3.7	G24d / GX24d / G24q / GX24q	12
<b>17.5W – Type B – Non-Dimmable • 50,000 Hours</b>													
LPLLU40B5027K	LED 17W PLL40 B 27K	120-277	17.5	40	2050	117.1	2700K	50000	80	21.1	1.7	2G11	30
LPLLU40B5030K	LED 17W PLL40 B 30K	120-277	17.5	40	2050	117.1	3000K	50000	80	21.1	1.7	2G11	30
LPLLU40B5035K	LED 17W PLL40 B 35K	120-277	17.5	40	2000	114.3	3500K	50000	80	21.1	1.7	2G11	30
LPLLU40B5041K	LED 17W PLL40 B 41K	120-277	17.5	40	2100	120	4100K	50000	80	21.1	1.7	2G11	30
LPLLU40B5050K	LED 17W PLL40 B 50K	120-277	17.5	40	2150	122.9	5000K	50000	80	21.1	1.7	2G11	30
<b>9.5W – Type B – Non-Dimmable • 25,000 Hours PHASING OUT</b>													
LPLU18B2527K	2U 18W Type B 27K	120	9.5	13-18	950	100	2700K	25000	80	5.5	1.1	G24q / GX24q	12

Approved Emergency Battery Back-ups	
Bodine	B50
IOTA	I-48 TBTS
TCP	20B50

## Ballast Compatibility (match ballast wattage rating to CFL Ballast Equivalent Column)

### ADVANCE

Advance..... ICF-2S26-M1-BS  
 Advance..... ICF-2S26-H1-LD  
 Advance..... ICF-2S13-H1-LD  
 Advance..... ICF-2S18-H1-LD  
 Advance..... ICF-2S26-M1-BS  
 Advance..... ICF-2S26-H1-LD  
 Advance..... IZT-2S26-M5-LD

### OSRAM/Sylvania

OSRAM/Sylvania..... QTP1/2x18CF/UNV  
 OSRAM/Sylvania..... QTP2x26CF/UNV

### TRIAD

Triad..... C218UNVME  
 Triad..... C2642UNVME

### HOWARD INDUSTRIES

Howard Industries..... EP2/18CF/MV/2  
 Howard Industries..... EP2/26CF/MV/2

### LUMAPRO

LumaPro..... 4KGJ7 EB-213PRS-U

### GE

GE..... GEC226-MVPS-SE  
 GE..... GEC226-MVPS-BES  
 GE..... GEC218-MVPS-BES  
 GE..... GEC218-MVPS-3W  
 GE..... GEC213-MVPS-3W

### PHILIPS

Philips..... ICF-2S18-HI-LD  
 Philips..... ICF-2S26-HI-LD

### AC ELECTRONICS

AC Electronics..... AC-2/26T4UVS 1  
 AC Electronics..... CSD-UV18PS

### FULHAM

Fulham..... NPY-120-226-CFL

### ROBERTSON

Robertson..... RED1L10-120

EM BALLAST	
BODINE	4KGJ7 B94CG
IOTA	I-42-EMJ (TBTS series AC)
	I-48 TBTS series D
TCP	20B50
	20B60

# TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 30 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

Sales:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit [tcp.com](http://tcp.com)

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