



# 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       |



# LED PL Lamps

## Specifications

| 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     |

# TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 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)

325 Campus Dr. | Aurora, Ohio 44202 | P: 800.324.1496 | F: 877.487.0516