



# LED PL Lamps

Energy Efficient

25,000/50,000 Hours

Instant On/Off



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 lamps from TCP

- Plug and Play (Type A) for replacing lamps into an existing ballast
- Energy saving of over 50%
- Long life of 25,000/50,000 hours with a 5 year warranty
- Dimmable with recommended 0-10v dimming ballast for best performance (BR shapes only)
- Targeted beam optics eliminate wasted light with less lumens for BR and Horizontal shapes
- Vertical beam with a 6" (BR30) or 8" (BR40) recessed downlight
- Omni-directional PL Quad and 3U supplies 360° of light output and can be used in vertical or horizontal applications

## 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 ..... -30°C  
 Maximum Operating Temp..... 40°C

CRI..... 80  
 Beam Angle BR Shapes ..... 110°  
 Power Factor ..... 0.99  
 Base ..... G24q/GX24q



\*Based on 12 hours use per day

## Specifications:

ITEM #	DESCRIPTION	DLC	VOLTAGE	WATTS	CFL BALLAST EQUIVALENT	LUMENS	CCT	HOURS	CRI	MOL (inches)	DIA (inches)	BASE	WARRANTY YEARS	CASE QTY
<b>V BR30 – Type A – Dimmable • 50,000 Hours DLC Look Up #L9PLVD50XXK</b>														
L9PLVD5027K	PL Vertical BR30 Dimmable	★	120-277v, 347v	9	13-18	1050	2700K	50,000	80	5.2	3.7	G24q/GX24q	5	12
L9PLVD5030K	PL Vertical BR30 Dimmable	★	120-277v, 347v	9	13-18	1100	3000K	50,000	80	5.2	3.7	G24q/GX24q	5	12
L9PLVD5041K	PL Vertical BR30 Dimmable	★	120-277v, 347v	9	13-18	1150	4100K	50,000	80	5.2	3.7	G24q/GX24q	5	12
L9PLVD5050K	PL Vertical BR30 Dimmable	★	120-277v, 347v	9	13-18	1175	5000K	50,000	80	5.2	3.7	G24q/GX24q	5	12
L17PLVD5027K	PL Vertical BR30 Dimmable		120-277v, 347v	17	26	1700	2700K	50,000	80	5.2	3.7	G24q/GX24q	5	12
L17PLVD5030K	PL Vertical BR30 Dimmable		120-277v, 347v	17	26	1800	3000K	50,000	80	5.2	3.7	G24q/GX24q	5	12
L17PLVD5041K	PL Vertical BR30 Dimmable		120-277v, 347v	17	26	1900	4100K	50,000	80	5.2	3.7	G24q/GX24q	5	12
L17PLVD5050K	PL Vertical BR30 Dimmable		120-277v, 347v	17	26	1950	5000K	50,000	80	5.2	3.7	G24q/GX24q	5	12
<b>V BR40 – Type A – Dimmable • 50,000 Hours DLC Look Up #L19PLVD50XXK</b>														
L19PLVD5027K	PL Vertical BR40 Dimmable	★	120-277v, 347v	19	26-42	2350	2700K	50,000	80	5.8	5.0	G24q/GX24q	5	12
L19PLVD5030K	PL Vertical BR40 Dimmable	★	120-277v, 347v	19	26-42	2400	3000K	50,000	80	5.8	5.0	G24q/GX24q	5	12
L19PLVD5041K	PL Vertical BR40 Dimmable	★	120-277v, 347v	19	26-42	2450	4100K	50,000	80	5.8	5.0	G24q/GX24q	5	12
L19PLVD5050K	PL Vertical BR40 Dimmable	★	120-277v, 347v	19	26-42	2480	5000K	50,000	80	5.8	5.0	G24q/GX24q	5	12
<b>PL Quad Type A Non-Dimmable 25,000 Hours PHASE OUT</b>														
PLUD2027K	2U 10.5W PL UNIV ND 2700K		120-277V	10.5	13	950	2700K	25,000	80	5.5	1.1	G24q/GX24q	5	12
PLUD2030K	2U 10.5W PL UNIV ND 3000K		120-277V	10.5	13	950	3000K	25,000	80	5.5	1.1	G24q/GX24q	5	12
PLUD2035K	2U 10.5W PL UNIV ND 3500K		120-277V	10.5	13	950	3500K	25,000	80	5.5	1.1	G24q/GX24q	5	12
PLUD2041K	2U 10.5W PL UNIV ND 4100K		120-277V	10.5	13	950	4100K	25,000	80	5.5	1.1	G24q/GX24q	5	12
PLUD2050K	2U 10.5W PL UNIV ND 5000K		120-277V	10.5	13	950	5000K	25,000	80	5.5	1.1	G24q/GX24q	5	12
PLUD20 series can only be used with a 13W maximum rated ballast. Use of 18W or higher ballast with this item will cause early failure and will not fall under the warranty.														
<b>PL QUAD – Type A – Non-Dimmable • 25,000 Hours</b>														
LPL226A2527K	2U 11W PL UNIV ND 2700K		120-277V	11	13-18-26	950	2700K	25000	80	5.5	1.4	G24q/GX24q	5	12
LPL226A2530K	2U 11W PL UNIV ND 3000K		120-277V	11	13-18-26	950	3000K	25000	80	5.5	1.4	G24q/GX24q	5	12
LPL226A2535K	2U 11W PL UNIV ND 3500K		120-277V	11	13-18-26	950	3500K	25000	80	5.5	1.4	G24q/GX24q	5	12
LPL226A2541K	2U 11W PL UNIV ND 4100K		120-277V	11	13-18-26	950	4100K	25000	80	5.5	1.4	G24q/GX24q	5	12
LPL226A2550K	2U 11W PL UNIV ND 5000K		120-277V	11	13-18-26	950	5000K	25000	80	5.5	1.4	G24q/GX24q	5	12
Not recommended for 1-lamp installation on 2 lamp rated ballasts at 277v.														
<b>PL 3U – Type A – Non-Dimmable • 25,000 Hours</b>														
LPLU26A2527K	PL Universal 3U Non-Dimmable		120-277v	15	18-26	1350	2700K	25,000	80	4.8	1.8	G24q/GX24q	5	12
LPLU26A2530K	PL Universal 3U Non-Dimmable		120-277v	15	18-26	1350	3000K	25,000	80	4.8	1.8	G24q/GX24q	5	12
LPLU26A2535K	PL Universal 3U Non-Dimmable		120-277v	15	18-26	1350	3500K	25,000	80	4.8	1.8	G24q/GX24q	5	12
LPLU26A2541K	PL Universal 3U Non-Dimmable		120-277v	15	18-26	1350	4100K	25,000	80	4.8	1.8	G24q/GX24q	5	12
LPLU26A2550K	PL Universal 3U Non-Dimmable		120-277v	15	18-26	1350	5000K	25,000	80	4.8	1.8	G24q/GX24q	5	12
LPLU42A2527K	PL Universal 3U Non-Dimmable		120-277v	16	32-42	1500	2700K	25,000	80	5.5	1.8	G24q/GX24q	5	12
LPLU42A2530K	PL Universal 3U Non-Dimmable		120-277v	16	32-42	1500	3000K	25,000	80	5.5	1.8	G24q/GX24q	5	12
LPLU42A2535K	PL Universal 3U Non-Dimmable		120-277v	16	32-42	1500	3500K	25,000	80	5.5	1.8	G24q/GX24q	5	12
LPLU42A2541K	PL Universal 3U Non-Dimmable		120-277v	16	32-42	1650	4100K	25,000	80	5.5	1.8	G24q/GX24q	5	12
LPLU42A2550K	PL Universal 3U Non-Dimmable		120-277v	16	32-42	1700	5000K	25,000	80	5.5	1.8	G24q/GX24q	5	12

## Specifications:

ITEM #	DESCRIPTION	DLC	VOLTAGE	WATTS	CFL BALLAST EQUIVALENT	LUMENS	CCT	HOURS	CRI	MOL (inches)	DIA (inches)	BASE	WARRANTY YEARS	CASE QTY
<b>PLL – Type A – Non-Dimmable • 50,000 Hours DLC Look Up #PLL1501XXE</b>														
IPLU40A5027K	LED 17W PLL40 27K		120-277v	17	40	2000	2700K	50000	80	22.4	1.7/.94	2G11	5	12
IPLU40A5030K	LED 17W PLL40 30K	★	120-277v	17	40	2000	3000K	50000	80	22.4	1.7/.94	2G11	5	12
IPLU40A5035K	LED 17W PLL40 35K	★	120-277v	17	40	2000	3500K	50000	80	22.4	1.7/.94	2G11	5	12
IPLU40A5041K	LED 17W PLL40 41K	★	120-277v	17	40	2100	4100K	50000	80	22.4	1.7/.94	2G11	5	12
IPLU40A5050K	LED 17W PLL40 50K	★	120-277v	17	40	2150	5000K	50000	80	22.4	1.7/.94	2G11	5	12
<b>Rotating Horizontal Shape – Type A – Dimmable • 50,000 Hours DLC Look Up #PLH4201XXK</b>														
IPLH42A5027K	LED 19W PL HORIZ 27K	★	120-277v	19	32-42	1900	2700K	50,000	80	6.5	1.4	G24q/GX24q	5	12
IPLH42A5030K	LED 19W PL HORIZ 30K	★	120-277v	19	32-42	2000	3000K	50,000	80	6.5	1.4	G24q/GX24q	5	12
IPLH42A5035K	LED 19W PL HORIZ 35K	★	120-277v	19	32-42	2000	3500K	50,000	80	6.5	1.4	G24q/GX24q	5	12
IPLH42A5041K	LED 19W PL HORIZ 41K	★	120-277v	19	32-42	2000	4100K	50,000	80	6.5	1.4	G24q/GX24q	5	12
IPLH42A5050K	LED 19W PL HORIZ 50K	★	120-277v	19	32-42	2000	5000K	50,000	80	6.5	1.4	G24q/GX24q	5	12

To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).

## Ballast Compatibility (Match ballast rated wattage 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

### BODINE

Bodine..... 4KGJ7 B94CG

### 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

Ballast compatibility tests are performed under a controlled lab environment. Field conditions may vary from this type of environment. Ballasts may differ by age and could have undergone revisions under the same item number affecting compatibility. Compatibility may also extend beyond this list. TCP recommends trying a few ballast-lamp combinations in an on-site test to ensure compatibility and performance before a major installation.

## LPLLU40A50 Series Ballast Compatibility List

Ballast Description				1 Lamp Load		2-Lamps Load		Ballast Version
Brand	Item #	Start Method	Lamp Qty	Input Voltage		Input Voltage		
				120v	277v	120v	120v	
General Electric	GEC140MAX-A	IS	1	NO	NO	N/A	N/A	
	GEC240MAX-A	IS	2	N/A	N/A	NO	NO	
	GEC242MVPS-3V	PS	2	YES	YES	N/A	N/A	
Keystone	KTEB-242-UV-PS-DW	PS	2	YES	YES	YES	YES	
	KTEB-242-UV-RS-DW	RS	2	NO	NO	NO	NO	
Osram	QHE 1X40DL/UNV ISN-SC	IS	1	YES	YES	N/A	N/A	
	QHE 2X40DL/UNV ISN-SC	IS	2	YES	YES	YES	YES	
	QTP 2x26CF/UNV DM	PS	2	YES	YES	N/A	N/A	
	QTP 2x26CF/UNV DM PEM	PS	2	YES	YES	N/A	N/A	
	QTP 2x26/32/42CF/UNV DM PEM	PS	2	N/A	N/A	YES	NO	
Philips	ICF-2S42-M2-LD	PS	2	YES	NO	YES	YES	REV B
	ICN-1TTP40-SC	IS	1	YES	YES	N/A	N/A	REV C
	ICN-2TTP40-SC	IS	2	NO	NO	YES	YES	REV D
Standard	E2150-UV-S	PS	2	YES	YES	N/A	N/A	
	E22642-UV-A-TDE FLX	PS	2	YES	YES	YES	YES	
	E23640-120-SL GLB	PS	2	YES	N/A	YES	N/A	
	ED2150-UV-BS	PS	2	YES	NO	N/A	N/A	
	ED22150-120-277-SL GLB	PS	2	YES	YES	N/A	N/A	
	E2150-347S	PS	1	NO	N/A	N/A	N/A	
	E22642-347-A-TDE FLX	PS	1	YES	N/A	YES	N/A	
	ED2150-347S	PS	1	NO	N/A	N/A	N/A	
	ED22150-347-BLS GLB	PS	1	NO	N/A	N/A	N/A	

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