



# LED SMD PAR Lamps

## Product Specifications



TCP's award winning PAR lamps combine traditional beauty with top-notch technology. With the wide variety of options available, you can be sure to find the right PAR lamp to meet your needs.

### Reasons to choose the LED SMD PAR Lamps from TCP

- Uses up to 85% less energy than halogen alternatives providing instant energy savings
- Long 25,000 hour rated life minimizes replacement and maintenance costs
- Unique full face optics provide designer grade light quality with the same look as halogen replacements
- Light weight means track and downlight installations are not strained by excess weight
- UL approved for wet locations
- Smooth, clean outside housing blends into lighting applications
- Durable plastic lowers the risk for injury or breakage

### Ideal Applications

- Track lights
- Recessed downlights
- Outdoor fixtures that protect lamps from the elements
- Display lights
- Flood and spotlighting

### Specifications:

Color Temperatures ..... 2700K, 3000K, 4000K, 5000K  
Wattage Replacements ..... 50W, 75W, 90W, 120W  
Input Line Voltage ..... 120 VAC  
Input Line Frequency ..... 50/60HZ  
Lamp Life (Rated) ..... 25,000 hours

Minimum Starting Temp ..... -30°C/-22°F  
Maximum Operating Temp ..... 45°C/113°F  
CRI ..... 80

Approved for enclosed fixtures, however completely sealed fixture applications (ex: in ground landscape fixtures) may reduce life.



# LED SMD PAR Lamps

ITEM #	DESCRIPTION	WATTS	LUMENS	LPW	COLOR	CRI	MEASURED CBCP	HOURS	BEAM ANGLE	CASE QUANTITY
<b>LED PAR20 50W Equivalent Options – 7W PAR20 • Dimmable • 3.5" (MOL) x 2.5" (DIA)</b>										
L50P20D2527KFL	LED 7W P20 DIM 27KFL	7	525	75.0	2700K	80	1208	25,000	40°	12
L50P20D2527KNFL	LED 7W P20 DIM 27KNFL	7	525	75.0	2700K	80	2030	25,000	25°	12
L50P20D2530KFL	LED 7W P20 DIM 30KFL	7	525	75.0	3000K	80	1187	25,000	40°	12
L50P20D2530KNFL	LED 7W P20 DIM 30KNFL	7	525	75.0	3000K	80	2050	25,000	25°	12
L50P20D2540KFL	LED 7W P20 DIM 40KFL	7	575	82.1	4000K	80	1383	25,000	40°	12
L50P20D2540KNFL	LED 7W P20 DIM 40KNFL	7	575	82.1	4000K	80	2174	25,000	25°	12
L50P20D2550KFL	LED 7W P20 DIM 50KFL	7	575	82.1	5000K	80	1330	25,000	40°	12
L50P20D2550KNFL	LED 7W P20 DIM 50KNFL	7	575	82.1	5000K	80	2172	25,000	25°	12
<b>LED PAR30 Short Neck 50W Equivalent Options – 9W PAR30 Short Neck • Dimmable • 3.6" (MOL) x 3.8" (DIA)</b>										
L75P30SD2527KFL	LED 9W P30SN DIM 27KFL	9	750	83.3	2700K	80	1714	25,000	40°	12
L75P30SD2527KNFL	LED 9W P30SN DIM 27KNFL	9	750	83.3	2700K	80	3051	25,000	25°	12
L75P30SD2530KFL	LED 9W P30SN DIM 30KFL	9	750	83.3	3000K	80	1621	25,000	40°	12
L75P30SD2530KNFL	LED 9W P30SN DIM 30KNFL	9	750	83.3	3000K	80	3064	25,000	25°	12
L75P30SD2540KFL	LED 9W P30SN DIM 40KFL	9	800	88.9	4000K	80	1714	25,000	40°	12
L75P30SD2540KNFL	LED 9W P30SN DIM 40KNFL	9	800	88.9	4000K	80	2930	25,000	25°	12
L75P30SD2550KFL	LED 9W P30SN DIM 50KFL	9	800	88.9	5000K	80	1847	25,000	40°	12
L75P30SD2550KNFL	LED 9W P30SN DIM 50KNFL	9	800	88.9	5000K	80	3274	25,000	25°	12
<b>LED PAR30 50W Equivalent Options – 9W PAR30 • Dimmable • 4.8" (MOL) x 3.8" (DIA)</b>										
L75P30D2527KFL	LED 9W P30 DIM 27KFL	9	700	77.8	2700K	80	1640	25,000	40°	12
L75P30D2527KNFL	LED 9W P30 DIM 27KNFL	9	700	77.8	2700K	80	3419	25,000	25°	12
L75P30D2530KFL	LED 9W P30 DIM 30KFL	9	720	80.0	3000K	80	1658	25,000	40°	12
L75P30D2530KNFL	LED 9W P30 DIM 30KNFL	9	720	80.0	3000K	80	3392	25,000	25°	12
L75P30D2540KFL	LED 9W P30 DIM 40KFL	9	770	85.6	4000K	80	1759	25,000	40°	12
L75P30D2540KNFL	LED 9W P30 DIM 40KNFL	9	770	85.6	4000K	80	3701	25,000	25°	12
L75P30D2550KFL	LED 9W P30 DIM 50KFL	9	770	85.6	5000K	80	1790	25,000	40°	12
L75P30D2550KNFL	LED 9W P30 DIM 50KNFL	9	770	85.6	5000K	80	3874	25,000	25°	12
<b>LED PAR38 90W Equivalent Options – 10W PAR38 • Dimmable • 5.3" (MOL) x 4.8" (DIA)</b>										
L90P38D2527KFL	LED 10W P38 DIM 27KFL	10	900	90.0	2700K	80	1872	25,000	40°	12
L90P38D2527KNFL	LED 10W P38 DIM 27KNFL	10	900	90.0	2700K	80	4199	25,000	25°	12
L90P38D2530KFL	LED 10W P38 DIM 30KFL	10	900	90.0	3000K	80	1964	25,000	40°	12
L90P38D2530KNFL	LED 10W P38 DIM 30KNFL	10	900	90.0	3000K	80	4384	25,000	25°	12
L90P38D2540KFL	LED 10W P38 DIM 40KFL	10	950	95.0	4000K	80	2017	25,000	40°	12
L90P38D2540KNFL	LED 10W P38 DIM 40KNFL	10	950	95.0	4000K	80	4413	25,000	25°	12
L90P38D2550KFL	LED 10W P38 DIM 50KFL	10	950	95.0	5000K	80	2222	25,000	40°	12
L90P38D2550KNFL	LED 10W P38 DIM 50KNFL	10	950	95.0	5000K	80	4383	25,000	25°	12

TCP®

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**5 YEAR WARRANTY**  
\*Based on 12 hours use per day



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ITEM #	DESCRIPTION	WATTS	LUMENS	LPW	COLOR	CRI	MEASURED CBCP	HOURS	BEAM ANGLE	CASE QUANTITY
<b>LED PAR38 120W Equivalent Options – 13W PAR38 • Dimmable • 5.3" (MOL) x 4.8" (DIA)</b>										
L120P38D2527KWFL	LED 13W P38 DIM 27KWFL	13	1200	92.3	2700K	80	–	25,000	60°	12
L120P38D2527KFL	LED 13W P38 DIM 27KFL	13	1100	84.6	2700K	80	2584	25,000	40°	12
L120P38D2527KNFL	LED 13W P38 DIM 27KNFL	13	1100	84.6	2700K	80	6235	25,000	25°	12
L120P38D2530KWFL	LED 13W P38 DIM 30KWFL	13	1300	100.0	3000K	80	–	25,000	60°	12
L120P38D2530KFL	LED 13W P38 DIM 30KFL	13	1200	92.3	3000K	80	2508	25,000	40°	12
L120P38D2530KNFL	LED 13W P38 DIM 30KNFL	13	1200	92.3	3000K	80	6661	25,000	25°	12
L120P38D2540KWFL	LED 13W P38 DIM 40KWFL	13	1350	103.8	4000K	80	–	25,000	60°	12
L120P38D2540KFL	LED 13W P38 DIM 40KFL	13	1250	96.2	4000K	80	2348	25,000	40°	12
L120P38D2540KNFL	LED 13W P38 DIM 40KNFL	13	1250	96.2	4000K	80	6482	25,000	25°	12
L120P38D2550KWFL	LED 13W P38 DIM 50KWFL	13	1350	103.8	5000K	80	–	25,000	60°	12
L120P38D2550KFL	LED 13W P38 DIM 50KFL	13	1250	96.2	5000K	80	2562	25,000	40°	12
L120P38D2550KNFL	LED 13W P38 DIM 50KNFL	13	1250	96.2	5000K	80	6513	25,000	25°	12
<b>LED PAR38 120W Equivalent Options – 15W PAR38 • Dimmable • 5.3" (MOL) x 4.8" (DIA)</b>										
L150P38D2530KFL	LED 15W P38 DIM 30KFL	15	1500	100.0	3000K	80	3470	25,000	40°	12
L150P38D2530KNFL	LED 15W P38 DIM 30KNFL	15	1500	100.0	3000K	80	7624	25,000	25°	12
L150P38D2540KFL	LED 15W P38 DIM 40KFL	15	1550	103.3	4000K	80	3554	25,000	40°	12
L150P38D2540KNFL	LED 15W P38 DIM 40KNFL	15	1550	103.3	4000K	80	7800	25,000	25°	12
L150P38D2550KFL	LED 15W P38 DIM 50KFL	15	1600	106.7	5000K	80	3880	25,000	40°	12
L150P38D2550KNFL	LED 15W P38 DIM 50KNFL	15	1600	106.7	5000K	80	8028	25,000	25°	12

## Suggested Dimmer Capacity

Manufacturer	Model Number
Leviton	R50-PL06-10M
Leviton	R61-06674-POI
Lutron	CTCL-153PDH-WH
Lutron	TGCL-153PH-WH
Lutron	DWWCL-153PH-WH

# 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.

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

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