



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

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.





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ITEM #	DESCRIPTION	WATTS	LUMENS	LPW	COLOR	CRI	MEASURED CBCP	HOURS	BEAM ANGLE	CASE QUANTITY
LED PAR20 50W Equivalent Options – 7W PAR20 • Dimmable • 3.5" (MOL) x 2.5" (DIA)										
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
LED PAR30 Short Neck 50W Equivalent Options – 9W PAR30 Short Neck • Dimmable • 3.6" (MOL) x 3.8" (DIA)										
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
LED PAR30 50W Equivalent Options – 9W PAR30 • Dimmable • 4.8" (MOL) x 3.8" (DIA)										
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
LED PAR38 90W Equivalent Options – 10W PAR38 • Dimmable • 5.3" (MOL) x 4.8" (DIA)										
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





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LED PAR38 120W Equivalent Options – 13W PAR38 • Dimmable • 5.3" (MOL) x 4.8" (DIA)										
L120P38D2527KWFL	LED 13W P38 DIM 27KWFL	13	1200	92.3	2700K	80	–	25,000	60°	12
L120P38D2527KF	LED 13W P38 DIM 27KF	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
L120P38D2530KF	LED 13W P38 DIM 30KF	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 40K WFL	13	1350	103.8	4000K	80	–	25,000	60°	12
L120P38D2540KF	LED 13W P38 DIM 40KF	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 50K WFL	13	1350	103.8	5000K	80	–	25,000	60°	12
L120P38D2550KF	LED 13W P38 DIM 50KF	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
LED PAR38 120W Equivalent Options – 15W PAR38 • Dimmable • 5.3" (MOL) x 4.8" (DIA)										
L150P38D2530KF	LED 15W P38 DIM 30KF	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
L150P38D2540KF	LED 15W P38 DIM 40KF	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
L150P38D2550KF	LED 15W P38 DIM 50KF	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
LED PAR38 120W Equivalent Options – 15W FLAT PAR38 • Dimmable • 5.3" (MOL) x 4.8" (DIA)										
L120FP38D2527KF	LED 15W P38 FLAT DIM 27K FL	15	1250	83.3	2700K	80	–	25,000	40°	12
L120FP38D2527KNFL	LED 15W P38 FLAT DIM 27K NFL	15	1250	83.3	2700K	80	–	25,000	25°	12
L120FP38D2530KF	LED 15W P38 DIM FLAT 30KF	15	1300	86.7	3000K	80	–	25,000	40°	12
L120FP38D2530KNFL	LED 15W P38 DIM FLAT 30K NFL	15	1300	86.7	3000K	80	–	25,000	25°	12
L120FP38D2540KF	LED 15W P38 DIM FLAT 40KF	15	1350	90.0	4000K	80	–	25,000	40°	12
L120FP38D2540KNFL	LED 15W P38 DIM FLAT 40K NFL	15	1350	90.0	4000K	80	–	25,000	25°	12
L120FP38D2550KF	LED 15W P38 DIM FLAT 50K FL	15	1400	93.3	5000K	80	–	25,000	40°	12
L120FP38D2550KNFL	LED 15W P38 DIM FLAT 50K NFL	15	1400	93.3	5000K	80	–	25,000	25°	12

Suggested Dimmer Capacity

Manufacturer	Model Number
Leviton	R50-PI06-10M
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.

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

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