



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 |
|---|-------------------------|-------|--------|------|-------|-----|---------------|--------|------------|---------------|
| 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 40KWFL | 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 50KWFL | 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 |

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 tcp.com

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