



# 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 PAR lamps to meet your needs.

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

- Up to 85% less energy than halogen alternatives provides 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 ..... -30C  
Maximum Operating Temp ..... 45°C  
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               | ENERGY STAR | WATTS | LUMENS | LPW   | COLOR | CRI | MEASURED CBCP | HOURS  | BEAM ANGLE | # IN CASE |
|-----------------------------------------------------------------------------------------------------------------|---------------------------|-------------|-------|--------|-------|-------|-----|---------------|--------|------------|-----------|
| <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 – 9.5W PAR30 Short Neck • Dimmable • 3.6" (MOL) x 3.8" (DIA)</b> |                           |             |       |        |       |       |     |               |        |            |           |
| L75P30SD2527KFL                                                                                                 | LED 9.5W P30SN DIM 27KFL  | ★           | 9.5   | 720    | 75.8  | 2700K | 80  | 1714          | 25,000 | 40°        | 12        |
| L75P30SD2527KNFL                                                                                                | LED 9.5W P30SN DIM 27KNFL | ★           | 9.5   | 720    | 75.8  | 2700K | 80  | 3051          | 25,000 | 25°        | 12        |
| L75P30SD2530KFL                                                                                                 | LED 9.5W P30SN DIM 30KFL  | ★           | 9.5   | 720    | 75.8  | 3000K | 80  | 1621          | 25,000 | 40°        | 12        |
| L75P30SD2530KNFL                                                                                                | LED 9.5W P30SN DIM 30KNFL | ★           | 9.5   | 720    | 75.8  | 3000K | 80  | 3064          | 25,000 | 25°        | 12        |
| L75P30SD2540KFL                                                                                                 | LED 9.5W P30SN DIM 40KFL  | ★           | 9.5   | 770    | 81.1  | 4000K | 80  | 1714          | 25,000 | 40°        | 12        |
| L75P30SD2540KNFL                                                                                                | LED 9.5W P30SN DIM 40KNFL | ★           | 9.5   | 770    | 81.1  | 4000K | 80  | 2930          | 25,000 | 25°        | 12        |
| L75P30SD2550KFL                                                                                                 | LED 9.5W P30SN DIM 50KFL  | ★           | 9.5   | 770    | 81.1  | 5000K | 80  | 1847          | 25,000 | 40°        | 12        |
| L75P30SD2550KNFL                                                                                                | LED 9.5W P30SN DIM 50KNFL | ★           | 9.5   | 770    | 81.1  | 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        |
| <b>LED PAR38 120W Equivalent Options – 13W PAR38 • Dimmable • 5.3" (MOL) x 4.8" (DIA)</b>                       |                           |             |       |        |       |       |     |               |        |            |           |
| 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        |
| 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        |
| 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        |
| 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     | ★           | 15.0  | 1500   | 100.0 | 3000K | 80  | 3470          | 25,000 | 40°        | 12        |
| L150P38D2530KNFL                                                                                                | LED 15W P38 DIM 30KNFL    | ★           | 15.0  | 1500   | 100.0 | 3000K | 80  | 7624          | 25,000 | 25°        | 12        |
| L150P38D2540KFL                                                                                                 | LED 15W P38 DIM 40KFL     | ★           | 15.0  | 1550   | 103.3 | 4000K | 80  | 3554          | 25,000 | 40°        | 12        |
| L150P38D2540KNFL                                                                                                | LED 15W P38 DIM 40KNFL    | ★           | 15.0  | 1550   | 103.3 | 4000K | 80  | 7800          | 25,000 | 25°        | 12        |
| L150P38D2550KFL                                                                                                 | LED 15W P38 DIM 50KFL     | ★           | 15.0  | 1600   | 106.7 | 5000K | 80  | 3880          | 25,000 | 40°        | 12        |
| L150P38D2550KNFL                                                                                                | LED 15W P38 DIM 50KNFL    | ★           | 15.0  | 1600   | 106.7 | 5000K | 80  | 8028          | 25,000 | 25°        | 12        |

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