



# LED PAR Lamps 90 CRI

## Product Specifications



TCP's PAR lamps combine traditional beauty with the best available High CRI technology to showcase colors accurately. 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 PAR Lamps with 90 CRI from TCP

- Provides instant energy savings by using up to 85% less energy than halogen alternatives
- 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
- Retail merchandising applications
- Display lights
- Flood and spotlighting

### Specifications:

Color Temperatures ..... 2700K, 3000K  
 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  
 Maximum Operating Temp..... 45°C  
 CRI ..... ≥90

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



## PAR Lamps 90 CRI



PAR38



PAR30



PAR30SN

| ITEM #   | DESCRIPTION                      | WATTS | LUMENS | CRI | LPW  | MEASURED CBCP | COLOR TEMP | BEAM ANGLE | BASE | MOL (IN.) | DIA (IN.) | WARRANTY YEARS | # IN CASE |
|--|----------------------------------|-------|--------|-----|------|---------------|------------|------------|------|-----------|-----------|----------------|-----------|
| <b>LED 10W PAR30 Short Neck Lamps – Dimmable • 25,000 Hours</b>    |                                  |       |        |     |      |               |            |            |      |           |           |                |           |
| LED12P30SD27KFL95  | LED 10W P30 SN DIM 27K FL 90     | 10    | 750    | 90  | 75.0 | 1505          | 2700K      | 40°        | E26  | 3.6       | 3.8       | 5              | 12        |
| LED12P30SD27KNFL95   | LED 10W P30 SN DIM 27K NFL HICRI | 10    | 750    | 90  | 75.0 | 4025          | 2700K      | 25°        | E26  | 3.6       | 3.8       | 5              | 12        |
| LED12P30SD27KSP95  | LED 10W P30 SN DIM 27K SP 90     | 10    | 750    | 90  | 75.0 | 6789          | 2700K      | 15°        | E26  | 3.6       | 3.8       | 5              | 12        |
| LED12P30SD30KFL95  | LED 10W P30 SN DIM 30K FL 90     | 10    | 750    | 90  | 75.0 | 1858          | 3000K      | 40°        | E26  | 3.6       | 3.8       | 5              | 12        |
| LED12P30SD30KNFL95   | LED 10W P30 SN DIM 30K NFL 90    | 10    | 750    | 90  | 75.0 | 4968          | 3000K      | 25°        | E26  | 3.6       | 3.8       | 5              | 12        |
| LED12P30SD30KSP95  | LED 10W P30 SN DIM 30K SP 90     | 10    | 750    | 90  | 75.0 | 8380          | 3000K      | 15°        | E26  | 3.6       | 3.8       | 5              | 12        |
| <b>LED 10.5W PAR30 Lamps – Dimmable • 25,000 Hours</b>             |                                  |       |        |     |      |               |            |            |      |           |           |                |           |
| LED12P30D30KFL95   | LED 10.5W P30 DIM 30K FL 90      | 10.5  | 750    | 90  | 71.4 | 2341          | 3000K      | 40°        | E26  | 4.6       | 3.8       | 5              | 12        |
| LED12P30D30KNFL95  | LED 10.5W P30 DIM 30K NFL 90     | 10.5  | 750    | 90  | 71.4 | 4701          | 3000K      | 25°        | E26  | 4.6       | 3.8       | 5              | 12        |
| <b>LED 13.5W PAR30 Lamps – Dimmable • 25,000 Hours</b>             |                                  |       |        |     |      |               |            |            |      |           |           |                |           |
| LED14P30D27KFL95   | LED 14W P30 DIM 27K FL 90        | 13.5  | 1000   | 90  | 74.1 | 2414          | 2700K      | 40°        | E26  | 4.6       | 3.8       | 5              | 12        |
| LED14P30D27KNFL95  | LED 14W P30 DIM 27K NFL 90       | 13.5  | 1000   | 90  | 74.1 | 3347          | 2700K      | 25°        | E26  | 4.6       | 3.8       | 5              | 12        |
| LED14P30D27KSP95   | LED 14W P30 DIM 27K SP 90        | 13.5  | 1000   | 90  | 74.1 | 9416          | 2700K      | 15°        | E26  | 4.6       | 3.8       | 5              | 12        |
| LED14P30D30KNFL95  | LED 14W P30 DIM 30K NFL 90       | 13.5  | 1000   | 90  | 74.1 | 5355          | 3000K      | 25°        | E26  | 4.6       | 3.8       | 5              | 12        |
| LED14P30D30KSP95   | LED 14W P30 DIM 30K SP 90        | 13.5  | 1000   | 90  | 74.1 | 10739         | 3000K      | 15°        | E26  | 4.6       | 3.8       | 5              | 12        |
| <b>LED 13.5W PAR38 Lamps – Dimmable • 25,000 Hours</b>             |                                  |       |        |     |      |               |            |            |      |           |           |                |           |
| LED14P38D27KNFL95  | LED 14W P38 DIM 27K NFL 90       | 13.5  | 1000   | 90  | 74.1 | 6825          | 2700K      | 25°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED14HOP38D27KSP95   | LED 14W HO P38 DIM 27K SP 90     | 13.5  | 1000   | 90  | 74.1 | 10388         | 2700K      | 15°        | E26  | 5.3       | 4.8       | 5              | 12        |
| <b>LED 15W PAR38 Lamps – Dimmable • 25,000 Hours</b>               |                                  |       |        |     |      |               |            |            |      |           |           |                |           |
| LED17P38D27KFL95   | LED 15W P38 DIM 27K FL 90        | 15    | 1050   | 90  | 70.0 | 2241          | 2700K      | 40°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED17P38D27KNFL95  | LED 15W P38 DIM 27K NFL 90       | 15    | 1050   | 90  | 70.0 | 6942          | 2700K      | 25°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED17P38D27KSP95   | LED 15W P38 DIM 27K SP 90        | 15    | 1050   | 90  | 70.0 | 14732         | 2700K      | 15°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED17P38D30KNFL95  | LED 15W P38 DIM 30K NFL HICRI    | 15    | 1050   | 90  | 70.0 | 7287          | 3000K      | 25°        | E26  | 5.3       | 4.8       | 5              | 12        |
| <b>LED 18.5W PAR38 High OutPut Lamps – Dimmable • 25,000 Hours</b> |                                  |       |        |     |      |               |            |            |      |           |           |                |           |
| LED17HOP38D27KFL95   | LED 18.5W HOP38 DIM 27K FL 90    | 18.5  | 1300   | 90  | 70.3 | 2926          | 2700K      | 40°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED17HOP38D27KNFL95  | LED 18.5W HOP38 DIM 27K NFL 90   | 18.5  | 1300   | 90  | 70.3 | 8753          | 2700K      | 25°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED17HOP38D30KFL95   | LED 18.5W HOP38 DIM 30K FL HICRI | 18.5  | 1300   | 90  | 70.3 | 3871          | 3000K      | 40°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED17HOP38D30KNFL95  | LED 18.5W HOP38 DIM 30K NFL 90   | 18.5  | 1300   | 90  | 70.3 | 9100          | 3000K      | 25°        | E26  | 5.3       | 4.8       | 5              | 12        |

## California Quality PAR Lamps 90 CRI



PAR38



PAR30



PAR30SN



PAR20



PAR16

| ITEM #   | DESCRIPTION               | WATTS | REPLACEMENT WATTS | LUMENS | MEASURED CBPC | BEAM ANGLE | COLOR | HOURS  | CRI | MOL (inches) | DIA (inches) | TITLE 20 | JA8 | BASE | CASE QTY |
|--|---------------------------|-------|-------------------|--------|---------------|------------|-------|--------|-----|--------------|--------------|----------|-----|------|----------|
| <b>LED 13W PAR38 Lamps – Dimmable • 25,000 Hours</b>             |                           |       |                   |        |               |            |       |        |     |              |              |          |     |      |          |
| L90P38D2527KFLCQ   | PAR38 90W 27K DIM 40° CQ  | 13    | 90                | 950    | 1760          | 40°        | 2700K | 25,000 | 90  | 5.3          | 4.8          | Y        | Y   | E26  | 12       |
| L90P38D2530KFLCQ   | PAR38 90W 30K DIM 40° CQ  | 13    | 90                | 1000   | 1813          | 40°        | 3000K | 25,000 | 90  | 5.3          | 4.8          | Y        | Y   | E26  | 12       |
| L90P38D2527KNFLCQ  | PAR38 90W 27K DIM 25° CQ  | 13    | 90                | 950    | 5066          | 25°        | 2700K | 25,000 | 90  | 5.3          | 4.8          | Y        | Y   | E26  | 12       |
| L90P38D2530KNFLCQ  | PAR38 90W 30K DIM 25° CQ  | 13    | 90                | 1000   | 6100          | 25°        | 3000K | 25,000 | 90  | 5.3          | 4.8          | Y        | Y   | E26  | 12       |
| <b>LED 10W PAR30 Lamps – Dimmable • 25,000 Hours</b>             |                           |       |                   |        |               |            |       |        |     |              |              |          |     |      |          |
| L75P30D2527KNFLCQ  | P30 75W 27K DIM 25° CQ    | 10    | 75                | 750    | 2971          | 25°        | 2700K | 25,000 | 90  | 4.6          | 3.8          | Y        | Y   | E26  | 12       |
| L75P30D2530KNFLCQ  | P30 75W 30K DIM 25° CQ    | 10    | 75                | 750    | 3104          | 25°        | 3000K | 25,000 | 90  | 4.6          | 3.8          | Y        | Y   | E26  | 12       |
| L75P30D2527KFLCQ   | P30 75W 27K DIM 40° CQ    | 10    | 75                | 750    | 1512          | 40°        | 2700K | 25,000 | 90  | 4.6          | 3.8          | Y        | Y   | E26  | 12       |
| L75P30D2530KFLCQ   | P30 75W 30K DIM 40° CQ    | 10    | 75                | 750    | 1585          | 40°        | 3000K | 25,000 | 90  | 4.6          | 3.8          | Y        | Y   | E26  | 12       |
| <b>LED 9.5W PAR30 Short Neck Lamps – Dimmable • 25,000 Hours</b> |                           |       |                   |        |               |            |       |        |     |              |              |          |     |      |          |
| L75P30SD2527KNFLCQ   | P30 75W SN 27K DIM 25° CQ | 9.5   | 75                | 750    | 3400          | 25°        | 2700K | 25,000 | 90  | 3.8          | 3.6          | Y        | Y   | E26  | 12       |
| L75P30SD2530KNFLCQ   | P30 75W SN 30K DIM 25° CQ | 9.5   | 75                | 750    | 3485          | 25°        | 3000K | 25,000 | 90  | 3.8          | 3.6          | Y        | Y   | E26  | 12       |
| L75P30SD2527KFLCQ  | P30 75W SN 27K DIM 40° CQ | 9.5   | 75                | 750    | 1456          | 40°        | 2700K | 25,000 | 90  | 3.8          | 3.6          | Y        | Y   | E26  | 12       |
| L75P30SD2530KFLCQ  | P30 75W SN 30K DIM 40° CQ | 9.5   | 75                | 750    | 1543          | 40°        | 3000K | 25,000 | 90  | 3.8          | 3.6          | Y        | Y   | E26  | 12       |
| <b>LED 7W PAR20 Lamps – Dimmable • 25,000 Hours</b>              |                           |       |                   |        |               |            |       |        |     |              |              |          |     |      |          |
| L50P20D2527KNFLCQ  | P20 50W 27K DIM 25° CQ    | 7     | 50                | 550    | 1572          | 25°        | 2700K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | E26  | 48       |
| L50P20D2530KNFLCQ  | P20 50W 30K DIM 25° CQ    | 7     | 50                | 600    | 1564          | 25°        | 3000K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | E26  | 48       |
| L50P20D2527KFLCQ   | P20 50W 27K DIM 40° CQ    | 7     | 50                | 550    | 888           | 40°        | 2700K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | E26  | 48       |
| L50P20D2530KFLCQ   | P20 50W 30K DIM 40° CQ    | 7     | 50                | 600    | 933           | 40°        | 3000K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | E26  | 48       |
| <b>LED 7W PAR16 Lamps – Dimmable • 25,000 Hours</b>              |                           |       |                   |        |               |            |       |        |     |              |              |          |     |      |          |
| L50P16D2527KFLCQ   | P16 50W 27K DIM 40° CQ    | 7     | 50                | 500    | 1099          | 40°        | 2700K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | E26  | 48       |
| L50P16D2530KFLCQ   | P16 50W 30K DIM 40° CQ    | 7     | 50                | 500    | 1139          | 40°        | 3000K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | E26  | 48       |

| SUGGESTED DIMMER COMPATIBILITY |                 |
|--------------------------------|-----------------|
| MANUFACTURER                   | MODEL NUMBER    |
| Leviton                        | R50-IPLO6-10M   |
|                                | R61-06674-POI   |
| Lutron                         | CTCL-1.53PDH-WH |
|                                | TGCL-1.53PH-WH  |
|                                | DVVCL-1.53PH-WH |

Note: E26 compatible dimmer



# 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 [tcpi.com](http://tcpi.com)

325 Campus Dr. | Aurora, Ohio 44202 | P: 800.324.1496 | F: 877.487.0516