



# LED High CRI PAR Lamps

## 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 High CRI PAR Lamps 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 Merchandise Displays
- Display lights
- Flood and spotlighting
- Security Lighting

### Specifications:

Color Temperatures ..... 2700K, 3000K  
Wattage Replacements..... 50W, 75W, 90W, 120W  
Input Line Voltage ..... 120 VAC, 120-277V  
Input Line Frequency..... 50/60HZ  
Lamp Life (Rated) .....25,000 hours  
Beam Angle ..... 15° Spot, 25° Narrow Flood, 40° Flood

Minimum Starting Temp ..... -30°C  
Maximum Operating Temp..... 45°C  
CRI ..... ≥90, 95



# LED High CRI PAR Lamps

## 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 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        |
| LED17P38D30KFL95                                                   | LED 15W P38 DIM 30K FL 90        | 15    | 1050   | 90  | 70.0 | 2241          | 3000K      | 40°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED17P38D30KNFL95                                                  | LED 15W P38 DIM 30K NFL 90       | 15    | 1050   | 90  | 70.0 | 7287          | 3000K      | 25°        | E26  | 5.3       | 4.8       | 5              | 12        |
| LED17P38D30KSP95                                                   | LED 15W P38 DIM 30K SP 90        | 15    | 1050   | 90  | 70.0 | 14732         | 3000K      | 15°        | 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        |



# LED High CRI PAR Lamps

## California Quality PAR Lamps 90 CRI



PAR38



PAR30



PAR20



PAR16

| ITEM #                                               | DESCRIPTION              | WATTS | REPLACEMENT WATTS | LUMENS | MEASURED CBCP | 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 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-153PDH-VWH |
|                                | TGCL-153PH-VWH  |
|                                | DVWCL-153PH-VWH |

Note: E26 compatible dimmer





# LED High CRI PAR Lamps

## High Lumen PAR38 Lamps



| ITEM #                                                        | DESCRIPTION                | LED WATTS | WATTAGE EQUIVALENT | LUMENS | LPW    | CRI | R9 | COLOR TEMP | BULB COLOR   | BEAM ANGLE | BASE |
|---------------------------------------------------------------|----------------------------|-----------|--------------------|--------|--------|-----|----|------------|--------------|------------|------|
| <b>P38 28W 40° Flood • Non Dimmable • 25,000 hours</b>        |                            |           |                    |        |        |     |    |            |              |            |      |
| L28P38N25UNV27KFL                                             | LED 28W P38 ND UNV 27K FL  | 28        | 250                | 3000   | 107.14 | 95  | 60 | 2700K      | SOFT WHITE   | 40°        | E26  |
| L28P38N25UNV30KFL                                             | LED 28W P38 ND UNV 30K FL  | 28        | 250                | 3100   | 110.71 | 95  | 60 | 3000K      | WARM WHITE   | 40°        | E26  |
| L28P38N25UNV35KFL                                             | LED 28W P38 ND UNV 35K FL  | 28        | 250                | 3100   | 110.71 | 95  | 60 | 3500K      | BRIGHT WHITE | 40°        | E26  |
| L28P38N25UNV41KFL                                             | LED 28W P38 ND UNV 41K FL  | 28        | 250                | 3100   | 110.71 | 95  | 60 | 4100K      | COOL WHITE   | 40°        | E26  |
| L28P38N25UNV50KFL                                             | LED 28W P38 ND UNV 50K FL  | 28        | 250                | 3100   | 110.71 | 95  | 60 | 5000K      | DAYLIGHT     | 40°        | E26  |
| <b>P38 28W 25° Narrow Flood • Non Dimmable • 25,000 hours</b> |                            |           |                    |        |        |     |    |            |              |            |      |
| L28P38N25UNV27KNFL                                            | LED 28W P38 ND UNV 27K NFL | 28        | 250                | 3000   | 107.14 | 95  | 60 | 2700K      | SOFT WHITE   | 25°        | E26  |
| L28P38N25UNV30KNFL                                            | LED 28W P38 ND UNV 30K NFL | 28        | 250                | 3100   | 110.71 | 95  | 60 | 3000K      | WARM WHITE   | 25°        | E26  |
| L28P38N25UNV35KNFL                                            | LED 28W P38 ND UNV 35K NFL | 28        | 250                | 3100   | 110.71 | 95  | 60 | 3500K      | BRIGHT WHITE | 25°        | E26  |
| L28P38N25UNV41KNFL                                            | LED 28W P38 ND UNV 41K NFL | 28        | 250                | 3100   | 110.71 | 95  | 60 | 4100K      | COOL WHITE   | 25°        | E26  |
| L28P38N25UNV50KNFL                                            | LED 28W P38 ND UNV 50K NFL | 28        | 250                | 3100   | 110.71 | 95  | 60 | 5000K      | DAYLIGHT     | 25°        | E26  |

# 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)

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