



# California Quality LED Lamps

## Product Specifications



TCP's California Quality High CRI LED line offers exceptional color consistency and rendering while meeting all requirements for Title 24 JA8-2016-E and Title 20.

### Reasons to choose the California Quality LED Lamps from TCP

- Excellent Color Consistency and CRI enhances colors of focal point while maintaining uniformity throughout lighting installation from lamp to lamp
- Energy savings of UP to 80% less energy than halogen alternatives
- Long lasting, minimalizing replacement and maintenance costs
- Smooth uniform dimming
- UL approval for damp and wet locations means most can be used outdoors when protected from elements, withstands humidity indoors/outdoors. PAR-style lamps can be used in wet locations.
- Shatter resistant, lowering the risk of injury and breakage
- Meets California Title 20 Tier 2 Specifications

### Ideal Applications

- Track and display lights
- Sconces
- General lighting
- Table and Floor Lamps
- Ceiling Fixture and Scones
- Recessed downlights
- Protected Outdoor Fixtures

### Specifications:

Voltage ..... 120v  
Input Line Frequency..... 50/60HZ  
Lamp Life (Rated) ..... 15,000 / 25,000 / 35,000 hours  
Minimum Starting Temp ..... -22°C  
Maximum Operating Temp..... 45°C

CRI .....  $\geq 90$   
Beam Angle ..... Omnidirectional, 360°, 110°, 40°, 25°  
Base ..... E12, E26, GU5.3, GU10, GU24  
Warranty ..... 3 and 5 Years  
Suitable for use in totally enclosed fixtures



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## Specifications:

### A Lamps



6W A19



10W GU24 A19



10W A19



13W A19



17W A21



17.5W GU24 A21



17/10/6 W A21 3 Way

### BR Lamps



8W BR30



16W BR30



13.5W BR40

### R20 Lamp



7W R20

### MR16 Lamps



7W GU10 MR16



6.5W GU5.3 MR16

### PAR Lamps



13W PAR38



10W PAR30



10W PAR30SN



7W PAR20



7W PAR16

### Downlights



4" Downlights



5" & 6" Downlights

### Filaments



9W A19



4.5W B11



4.5W G16



4.5W G25



5W T10



4.2W ST19



# California Quality LED Lamps

| ITEM #                                      | DESCRIPTION                   | WATTS   | REPLACEMENT WATTS | LUMENS       | BEAM ANGLE | COLOR | HOURS  | CRI | MOL (inches) | DIA (inches) | TITLE 20 | JA8 | ENERGY STAR | BASE  | CASE QTY |
|---------------------------------------------|-------------------------------|---------|-------------------|--------------|------------|-------|--------|-----|--------------|--------------|----------|-----|-------------|-------|----------|
| <b>A Lamps – Dimmable • 25,000 Hours</b>    |                               |         |                   |              |            |       |        |     |              |              |          |     |             |       |          |
| L40A19D2527KCQ                              | A19 40W 27K DIM CQ            | 6       | 40                | 475          | OMNI       | 2700K | 25,000 | 90  | 4.0          | 2.2          | Y        | Y   | Y           | E26   | 48       |
| L40A19D2530KCQ                              | A19 40W 30K DIM CQ            | 6       | 40                | 475          | OMNI       | 3000K | 25,000 | 90  | 4.0          | 2.2          | Y        | Y   | Y           | E26   | 48       |
| L40A19D2541KCQ                              | A19 40W 41K DIM CQ            | 6       | N/A               | 525          | OMNI       | 4100K | 25,000 | 90  | 4.0          | 2.2          | Y        | N/A | Y           | E26   | 48       |
| L40A19D2550KCQ                              | A19 40W 50K DIM CQ            | 6       | N/A               | 525          | OMNI       | 5000K | 25,000 | 90  | 4.0          | 2.2          | Y        | N/A | Y           | E26   | 48       |
| L11A19GUD2527KCQ                            | LED 10W A19 GU24 DIM 27K CQ   | 10      | 60                | 800          | OMNI       | 2700K | 25,000 | 90  | 4.8          | 2.4          | Y        | Y   | Y           | GU24  | 48       |
| L11A19GUD2530KCQ                            | LED 10W A19 GU24 DIM 30K CQ   | 10      | 60                | 850          | OMNI       | 3000K | 25,000 | 90  | 4.8          | 2.4          | Y        | Y   | Y           | GU24  | 48       |
| L60A19D2527KCQ                              | A19 60W 27K DIM CQ            | 10      | 60                | 800          | OMNI       | 2700K | 25,000 | 90  | 4.3          | 2.4          | Y        | Y   | Y           | E26   | 48       |
| L60A19D2530KCQ                              | A19 60W 30K DIM CQ            | 10      | 60                | 800          | OMNI       | 3000K | 25,000 | 90  | 4.3          | 2.4          | Y        | Y   | Y           | E26   | 48       |
| L60A19D2541KCQ                              | A19 60W 41K DIM CQ            | 10      | N/A               | 800          | OMNI       | 4100K | 25,000 | 90  | 4.3          | 2.4          | Y        | N/A | Y           | E26   | 48       |
| L60A19D2550KCQ                              | A19 60W 50K DIM CQ            | 10      | N/A               | 800          | OMNI       | 5000K | 25,000 | 90  | 4.3          | 2.4          | Y        | N/A | Y           | E26   | 48       |
| L75A19D2527KCQ                              | A19 75W 27K DIM CQ            | 13      | 75                | 1100         | OMNI       | 2700K | 25,000 | 90  | 4.4          | 2.5          | Y        | Y   | Y           | E26   | 48       |
| L75A19D2530KCQ                              | A19 75W 30K DIM ECQ           | 13      | 75                | 1100         | OMNI       | 3000K | 25,000 | 90  | 4.4          | 2.5          | Y        | Y   | Y           | E26   | 48       |
| L75A19D2541KCQ                              | A19 75W 41K DIM CQ            | 13      | N/A               | 1100         | OMNI       | 4100K | 25,000 | 90  | 4.4          | 2.5          | Y        | N/A | Y           | E26   | 48       |
| L75A19D2550KCQ                              | A19 75W 50K DIM CQ            | 13      | N/A               | 1100         | OMNI       | 5000K | 25,000 | 90  | 4.4          | 2.5          | Y        | N/A | Y           | E26   | 48       |
| L100A21GUD2527KCQ                           | A21 100W 27K GU24 DIM CQ      | 16.5    | 100               | 1600         | OMNI       | 2700K | 25,000 | 90  | 5.2          | 2.5          | Y        | Y   | Y           | GU24  | 48       |
| L100A21GUD2530KCQ                           | A21 100W 30K GU24 DIM CQ      | 16.5    | 100               | 1600         | OMNI       | 3000K | 25,000 | 90  | 5.2          | 2.5          | Y        | Y   | Y           | GU24  | 48       |
| L100A21D2527KCQ                             | A21 100W 27K DIM CQ           | 17      | 100               | 1600         | OMNI       | 2700K | 25,000 | 90  | 5.2          | 2.8          | Y        | Y   | Y           | E26   | 48       |
| L100A21D2530KCQ                             | A21 100W 30K DIM CQ           | 17      | 100               | 1625         | OMNI       | 3000K | 25,000 | 90  | 5.2          | 2.8          | Y        | Y   | Y           | E26   | 48       |
| L100A21D2541KCQ                             | A21 100W 41K DIM CQ           | 17      | N/A               | 1675         | OMNI       | 4100K | 25,000 | 90  | 5.2          | 2.8          | Y        | N/A | Y           | E26   | 48       |
| L100A21D2550KCQ                             | A21 100W 50K DIM CQ           | 17      | N/A               | 1675         | OMNI       | 5000K | 25,000 | 90  | 5.2          | 2.8          | Y        | N/A | Y           | E26   | 48       |
| L100A213W2527KCQ                            | A21 3 WAY 100/60/40W 27K CQ   | 17/10/6 | 100/60/40         | 1650/800/450 | OMNI       | 2700K | 25,000 | 90  | 5.2          | 2.8          | Y        | N/A | Y           | E26   | 48       |
| L100A213W2530KCQ                            | A21 3 WAY 100/60/40W 30K CQ   | 17/10/6 | 100/60/40         | 1650/800/450 | OMNI       | 3000K | 25,000 | 90  | 5.2          | 2.8          | Y        | N/A | Y           | E26   | 48       |
| L100A213W2541KCQ                            | A21 3 WAY 100/60/40W 41K CQ   | 17/10/6 | N/A               | 1700/800/450 | OMNI       | 4100K | 25,000 | 90  | 5.2          | 2.8          | Y        | N/A | Y           | E26   | 48       |
| L100A213W2550KCQ                            | A21 3 WAY 100/60/40W 50K CQ   | 17/10/6 | N/A               | 1700/800/450 | OMNI       | 5000K | 25,000 | 90  | 5.2          | 2.8          | Y        | N/A | Y           | E26   | 48       |
| <b>BR Lamps – Dimmable • 25,000 Hours</b>   |                               |         |                   |              |            |       |        |     |              |              |          |     |             |       |          |
| L65BR30D2527KCQ                             | BR30 65W 27K DIM CQ           | 8       | 65                | 650          | 110°       | 2700K | 25,000 | 90  | 5.4          | 3.8          | Y        | Y   | Y           | E26   | 12       |
| L65BR30D2530KCQ                             | BR30 65W 30K DIM CQ           | 8       | 65                | 650          | 110°       | 3000K | 25,000 | 90  | 5.4          | 3.8          | Y        | Y   | Y           | E26   | 12       |
| L65BR30D2541KCQ                             | BR30 65W 41K DIM CQ           | 8       | N/A               | 650          | 110°       | 4100K | 25,000 | 90  | 5.4          | 3.8          | Y        | N/A | Y           | E26   | 12       |
| L65BR30D2550KCQ                             | BR30 65W 50K DIM CQ           | 8       | N/A               | 700          | 110°       | 5000K | 25,000 | 90  | 5.4          | 3.8          | Y        | N/A | Y           | E26   | 12       |
| L100BR30D2527KCQ                            | BR30 100W 27K DIM CQ          | 16      | 100               | 1500         | 110°       | 2700K | 25,000 | 90  | 5.4          | 3.8          | Y        | Y   | Y           | E26   | 12       |
| L100BR30D2530KCQ                            | BR30 100W 30K DIM CQ          | 16      | 100               | 1550         | 110°       | 3000K | 25,000 | 90  | 5.4          | 3.8          | Y        | Y   | Y           | E26   | 12       |
| L100BR30D2541KCQ                            | BR30 100W 41K DIM CQ          | 16      | N/A               | 1600         | 110°       | 4100K | 25,000 | 90  | 5.4          | 3.8          | Y        | N/A | Y           | E26   | 12       |
| L100BR30D2550KCQ                            | BR30 100W 50K DIM CQ          | 16      | N/A               | 1600         | 110°       | 5000K | 25,000 | 90  | 5.4          | 3.8          | Y        | N/A | Y           | E26   | 12       |
| L85BR40D2527KCQ                             | BR40 85W 27K DIM CQ           | 13.5    | 85                | 1065         | 110°       | 2700K | 25,000 | 90  | 6.1          | 5.0          | Y        | Y   | Y           | E26   | 12       |
| L85BR40D2530KCQ                             | BR40 85W 30K DIM CQ           | 13.5    | 85                | 1065         | 110°       | 3000K | 25,000 | 90  | 6.1          | 5.0          | Y        | Y   | Y           | E26   | 12       |
| L85BR40D2541KCQ                             | BR40 85W 41K DIM CQ           | 13.5    | N/A               | 1065         | 110°       | 4100K | 25,000 | 90  | 6.1          | 5.0          | Y        | N/A | Y           | E26   | 12       |
| L85BR40D2550KCQ                             | BR40 85W 50K DIM CQ           | 13.5    | N/A               | 1065         | 110°       | 5000K | 25,000 | 90  | 6.1          | 5.0          | Y        | N/A | Y           | E26   | 12       |
| <b>R20 Lamps – Dimmable • 25,000 Hours</b>  |                               |         |                   |              |            |       |        |     |              |              |          |     |             |       |          |
| L50R20D2527KCQ                              | R20 50W 27K DIM CQ            | 7       | 50                | 525          | 110°       | 2700K | 25,000 | 90  | 3.8          | 2.5          | Y        | Y   | Y           | E26   | 48       |
| L50R20D2530KCQ                              | R20 50W 30K DIM CQ            | 7       | 50                | 525          | 110°       | 3000K | 25,000 | 90  | 3.8          | 2.5          | Y        | Y   | Y           | E26   | 48       |
| <b>MR16 Lamps – Dimmable • 25,000 Hours</b> |                               |         |                   |              |            |       |        |     |              |              |          |     |             |       |          |
| L50MR16GUD2527KFLCQ                         | MR16 50W 27K GU10 DIM 40° CQ  | 7       | 50                | 500          | 40°        | 2700K | 25,000 | 90  | 2.3          | 2.0          | Y        | Y   | Y           | GU10  | 48       |
| L50MR16GUD2530KFLCQ                         | MR16 50W 30K GU10 DIM 40° CQ  | 7       | 50                | 500          | 40°        | 3000K | 25,000 | 90  | 2.3          | 2.0          | Y        | Y   | Y           | GU10  | 48       |
| L50MR16D2527KFLCQ                           | MR16 50W 27K GU5.3 DIM ES 40° | 6.5     | 50                | 430          | 40°        | 2700K | 25,000 | 90  | 2.0          | 2.0          | Y        | Y   | Y           | GU5.3 | 48       |
| L50MR16D2530KFLCQ                           | MR16 50W 30K GU5.3 DIM ES 40° | 6.5     | 50                | 470          | 40°        | 3000K | 25,000 | 90  | 2.0          | 2.0          | Y        | Y   | Y           | GU5.3 | 48       |



# California Quality LED Lamps

| ITEM #                                          | DESCRIPTION                     | WATTS | REPLACEMENT WATTS | LUMENS | BEAM ANGLE | COLOR | HOURS  | CRI | MOL (inches) | DIA (inches) | TITLE 20 | JA8 | ENERGY STAR | BASE | CASE QTY |
|-------------------------------------------------|---------------------------------|-------|-------------------|--------|------------|-------|--------|-----|--------------|--------------|----------|-----|-------------|------|----------|
| <b>PAR Lamps – Dimmable • 25,000 Hours</b>      |                                 |       |                   |        |            |       |        |     |              |              |          |     |             |      |          |
| L90P38D2527KFLCQ                                | PAR38 90W 27K DIM 40° CQ        | 13    | 90                | 950    | 40°        | 2700K | 25,000 | 90  | 5.3          | 4.8          | Y        | Y   | Y           | E26  | 12       |
| L90P38D2530KFLCQ                                | PAR38 90W 30K DIM 40° CQ        | 13    | 90                | 1000   | 40°        | 3000K | 25,000 | 90  | 5.3          | 4.8          | Y        | Y   | Y           | E26  | 12       |
| L90P38D2527KNFLCQ                               | PAR38 90W 27K DIM 25° CQ        | 13    | 90                | 950    | 25°        | 2700K | 25,000 | 90  | 5.3          | 4.8          | Y        | Y   | Y           | E26  | 12       |
| L90P38D2530KNFLCQ                               | PAR38 90W 30K DIM 25° CQ        | 13    | 90                | 1000   | 25°        | 3000K | 25,000 | 90  | 5.3          | 4.8          | Y        | Y   | Y           | E26  | 12       |
| L75P30D2527KNFLCQ                               | P30 75W 27K DIM 25° CQ          | 10    | 75                | 750    | 25°        | 2700K | 25,000 | 90  | 4.6          | 3.8          | Y        | Y   | Y           | E26  | 12       |
| L75P30D2530KNFLCQ                               | P30 75W 30K DIM 25° CQ          | 10    | 75                | 750    | 25°        | 3000K | 25,000 | 90  | 4.6          | 3.8          | Y        | Y   | Y           | E26  | 12       |
| L75P30D2527KFLCQ                                | P30 75W 27K DIM 40° CQ          | 10    | 75                | 750    | 40°        | 2700K | 25,000 | 90  | 4.6          | 3.8          | Y        | Y   | Y           | E26  | 12       |
| L75P30D2530KFLCQ                                | P30 75W 30K DIM 40° CQ          | 10    | 75                | 750    | 40°        | 3000K | 25,000 | 90  | 4.6          | 3.8          | Y        | Y   | Y           | E26  | 12       |
| L75P30SD2527KNFLCQ                              | P30 75W SN 27K DIM 25° CQ       | 9.5   | 75                | 750    | 25°        | 2700K | 25,000 | 90  | 3.8          | 3.6          | Y        | Y   | Y           | E26  | 12       |
| L75P30SD2530KNFLCQ                              | P30 75W SN 30K DIM 25° CQ       | 9.5   | 75                | 750    | 25°        | 3000K | 25,000 | 90  | 3.8          | 3.6          | Y        | Y   | Y           | E26  | 12       |
| L75P30SD2527KFLCQ                               | P30 75W SN 27K DIM 40° CQ       | 9.5   | 75                | 750    | 40°        | 2700K | 25,000 | 90  | 3.8          | 3.6          | Y        | Y   | Y           | E26  | 12       |
| L75P30SD2530KFLCQ                               | P30 75W SN 30K DIM 40° CQ       | 9.5   | 75                | 750    | 40°        | 3000K | 25,000 | 90  | 3.8          | 3.6          | Y        | Y   | Y           | E26  | 12       |
| L50P20D2527KNFLCQ                               | P20 50W 27K DIM 25° CQ          | 7     | 50                | 550    | 25°        | 2700K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | Y           | E26  | 12       |
| L50P20D2530KNFLCQ                               | P20 50W 30K DIM 25° CQ          | 7     | 50                | 550    | 25°        | 3000K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | Y           | E26  | 12       |
| L50P20D2527KFLCQ                                | P20 50W 27K DIM 40° CQ          | 7     | 50                | 600    | 40°        | 2700K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | Y           | E26  | 12       |
| L50P20D2530KFLCQ                                | P20 50W 30K DIM 40° CQ          | 7     | 50                | 600    | 40°        | 3000K | 25,000 | 90  | 3.5          | 2.5          | Y        | Y   | Y           | E26  | 12       |
| L50P16D2527KFLCQ                                | P16 50W 27K DIM 40° CQ          | 7     | 50                | 500    | 40°        | 2700K | 25,000 | 90  | 3.5          | 2.0          | Y        | Y   | Y           | E26  | 12       |
| L50P16D2530KFLCQ                                | P16 50W 30K DIM 40° CQ          | 7     | 50                | 500    | 40°        | 3000K | 25,000 | 90  | 3.5          | 2.0          | Y        | Y   | Y           | E26  | 12       |
| <b>Downlights – Dimmable • 35,000 Hours</b>     |                                 |       |                   |        |            |       |        |     |              |              |          |     |             |      |          |
| L75DR4D3527KCQ                                  | Downlight 4" 27K DIM CQ         | 9.5   | 75                | 750    | 110°       | 2700K | 35,000 | 90  | 3.0          | 5.0          | Y        | Y   | Y           | E26  | 12       |
| L75DR4D3530KCQ                                  | Downlight 4" 30K DIM CQ         | 9.5   | 75                | 750    | 110°       | 3000K | 35,000 | 90  | 3.0          | 5.0          | Y        | Y   | Y           | E26  | 12       |
| L75DR4D3541KCQ                                  | Downlight 4" 30K DIM CQ         | 9.5   | N/A               | 750    | 110°       | 4100K | 35,000 | 90  | 3.0          | 5.0          | Y        | N/A | Y           | E26  | 12       |
| L85DR56D3527KCQ                                 | Downlight 5/6" 27K DIM CQ       | 10.5  | 85                | 850    | 110°       | 2700K | 35,000 | 90  | 3.0          | 7.5          | Y        | Y   | Y           | E26  | 6        |
| L85DR56D3530KCQ                                 | Downlight 5/6" 30K DIM CQ       | 10.5  | 85                | 850    | 110°       | 3000K | 35,000 | 90  | 3.0          | 7.5          | Y        | Y   | Y           | E26  | 6        |
| L85DR56D3541KCQ                                 | Downlight 5/6" 30K DIM CQ       | 10.5  | N/A               | 850    | 110°       | 4100K | 35,000 | 90  | 3.0          | 7.5          | Y        | N/A | Y           | E26  | 6        |
| <b>Filament Lamps – Dimmable • 15,000 Hours</b> |                                 |       |                   |        |            |       |        |     |              |              |          |     |             |      |          |
| IFF60A19D1527KCQ                                | LED 9W GLASS A19 DIM 27K CQ     | 9     | 60                | 810    | OMNI       | 2700K | 15,000 | 90  | 4.3          | 2.4          | Y        | N   | Y           | E26  | 48       |
| IFF60A19D1530KCQ                                | LED 9W GLASS A19 DIM 30K CQ     | 9     | 60                | 810    | OMNI       | 3000K | 15,000 | 90  | 4.3          | 2.4          | Y        | N   | Y           | E26  | 48       |
| FB11D4027ECCQ                                   | LED FIL 4.5W B11 CL E12 27K CQ  | 4.5   | 40                | 350    | 360°       | 2700K | 15,000 | 90  | 3.8          | 1.4          | Y        | Y   | Y           | E12  | 48       |
| FG16D4027EFCQ                                   | LED FIL 4.5W G16 FR E12 27K CQ  | 4.5   | 40                | 360    | 360°       | 2700K | 15,000 | 90  | 3.4          | 2.0          | Y        | N   | Y           | E12  | 48       |
| FG16D4027ECCQ                                   | LED FIL 4.5W G16 CL E12 27K CQ  | 4.5   | 40                | 360    | 360°       | 2700K | 15,000 | 90  | 3.4          | 2.0          | Y        | N   | Y           | E12  | 48       |
| FG25D4027FCQ                                    | LED FIL 4.5W G25 FR E26 27K CQ  | 4.5   | 40                | 350    | 360°       | 2700K | 15,000 | 90  | 4.5          | 3.2          | Y        | N   | Y           | E26  | 48       |
| FG25D4027CCQ                                    | LED FIL 4.5W G25 CL E26 27K CQ  | 4.5   | 40                | 350    | 360°       | 2700K | 15,000 | 90  | 4.5          | 3.2          | Y        | N   | Y           | E26  | 48       |
| FT100S4027CCQ                                   | LED FIL 5W T10 CL E26 27K CQ    | 5     | 40                | 450    | 360°       | 2700K | 15,000 | 90  | 5.3          | 1.2          | Y        | N   | N           | E26  | 48       |
| FST19D4027CCQ                                   | LED FIL 4.2W ST19 CL E26 27K CQ | 4.2   | 40                | 340    | 360°       | 2700K | 15,000 | 90  | 5.4          | 2.5          | Y        | N   | Y           | E26  | 48       |

TCP®

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**RoHS**  
COMPLIANT

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

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