

# PRO

DATE

PROJECT

FIRM

TYPE

## PAR 20

LPro™ LED PAR20 Lamp

*Perfect Light Source for Commercial and Residential Applications*



### PRECISE LED BINNING PROCESS

*Detailed and precise LED binning process for consistent color output and temperature*

**90+ CRI FOR EXCEPTIONAL COLOR**

### SPECIALIZED OPTIC DESIGN

*Creates smooth, even light distribution.*

## A SMALL RELIABLE WONDER

The 9W PAR20 LED lamp provides you with a crisp, beautifully lit environments, while requiring 82% less power and lasting 40 times longer than traditional incandescent bulbs. Perfect for a variety of commercial and residential applications, the PAR 20 is dimmable and provides a form easily utilized in a variety of luminaires.



### PRECISE LED BINNING

*Detailed and precise LED binning process for consistent color output and temperature*

### SPECIALIZED OPTIC DESIGN

*Creates smooth, even light distribution.*

### ENERGY STAR RATED

*Energy Star rated for quality you can depend on*



## ORDERING INFORMATION

| FAMILY | PRODUCT | WATTAGE EQUIVALENT         | COLOR TEMPERATURE        | DISTRIBUTION       | VOLTAGE | PACKAGING |
|--------|---------|----------------------------|--------------------------|--------------------|---------|-----------|
| LSPRO  | PAR20   | 50 WE - 50 Watt Equivalent | W27 - Soft White 2700K   | FL - Flood         | 120     | BX - Box  |
|        |         |                            | WW - Warm White 3000K    | NFL - Narrow Flood |         |           |
|        |         |                            | NW - Neutral White 4000K |                    |         |           |
|        |         |                            | CW - Cool White 5000K    |                    |         |           |

example: LSPRO 20 50WE W27 FL 120 BX

## PAR20 50WE

| SPECIFICATIONS <sup>1</sup>                       | W27                               | WW                       | NW                       | CW                       |
|---|-----------------------------------|--------------------------|--------------------------|--------------------------|
| Color Temperature <sup>2</sup>                    | 2700K                             | 3000K                    | 4000K                    | 5000K                    |
| Output (Lumens) <sup>3</sup>                      | 543 (25°)<br>539 (40°)            | 566 (25°)<br>528 (40°)   | 617 (25°)<br>611 (40°)   | 636 (25°)<br>611 (40°)   |
| CBCP (cd)   | 2175 (25°)<br>1080 (40°)          | 2689 (25°)<br>1220 (40°) | 2732 (25°)<br>1465 (40°) | 2427 (25°)<br>1319 (40°) |
| Power Factor                                      | .91                               | .94                      | .91                      | .94                      |
| CRI   | 91                                | 91                       | 92                       | 90                       |
| R9  | 61                                | 68                       | 70                       | 56                       |
| Beam Angle  | 25° - Narrow Flood<br>40° - Flood |                          |                          |                          |
| Equivalent Source Standard                        | 50 WE                             |                          |                          |                          |
| Input Voltage                                     | 120V                              |                          |                          |                          |
| Power Consumption                                 | 9W                                |                          |                          |                          |
| Dimmable <sup>4</sup>                             | Yes                               |                          |                          |                          |
| Housing   | Aluminum                          |                          |                          |                          |
| Base  | E26                               |                          |                          |                          |
| Dimensions<br>(Length x Diameter)                 | 3.14 x 2.5 in (80 x 63.5 mm)      |                          |                          |                          |
| Weight  | 0.26 lbs (0.12 kg)                |                          |                          |                          |
| Lumen Maintenance <sup>5</sup> (L <sub>70</sub> ) | 25,000                            |                          |                          |                          |
| Warranty  | 5 Year Limited                    |                          |                          |                          |
| Environment                                       | Wet                               |                          |                          |                          |
| Certifications                                    | Energy Star; RoHS; UL Listed      |                          |                          |                          |

<sup>1</sup> Specifications and values supplied are nominal and are subject to change without notification

<sup>2</sup> Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Standard C78.377A

<sup>3</sup> Lumen measurement complies with IES LM-79-08 testing procedures

<sup>4</sup> Please consult with Lighting Science Group for a list of compatible dimmers

<sup>5</sup> Lumen maintenance calculations are based on measurements that comply with IES LM-80-08 testing procedures.

L70 = 70% lumen maintenance, or when lamp reaches 70% of initial output