

**Specifications/Features**

**Lamp**

Energy efficient, 8W PAR20 LED lamp  
 Designed to last 25,000 hours  
 Color management system maintains color consistency over time and temperature  
 Correlated Color Temperature of 2700K, Color Rendering Index of 82  
 Correlated Color Temperature of 4000K, Color Rendering Index of 85  
 Lumen output = 530 (60 Lumens per Watt)  
 45° Beam spread with Max.Luminous Intensity (cd) of 1,400  
 Durable die-cast aluminum housing protect the LEDs and reflector  
 Designed for use in most open, semi-enclosed and enclosed PAR20 light fixtures  
 Consult factory for specific luminaire compatibility  
*Verify fit in fixtures that utilize the face of the lamp for mechanical attachment to ensure compatibility*

**Dimming**

Dimmable to 10% with forward phase/TRIAC dimming.  
 For optimal performance, use forward phase/TRIAC dimmer specifically designed for LED lamps.  
 Dimming performance may vary due to field conditions, including but not limited to, power quality, installation and wiring, and variations in dimmer production. Please reference the dimmer manufacturer's instructions for dimmer installation and further information.

**Electrical**

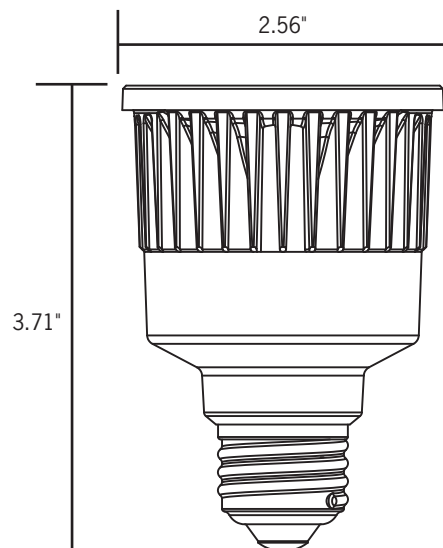
8W, 120V E26 base

**Warranty**

This complete fixture is covered by a full three (3) year replacement guarantee after date of purchase.

**Listing**

UL & cULus listed. Suitable for damp locations.  
 RoHS compliant, contains no lead or mercury.



**Ordering Information**

Example Order:

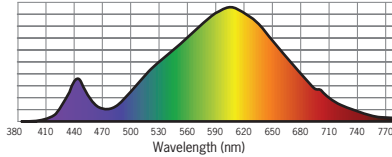
| Lamp                                 | Beam                                      | Base                             | Color Temp                                                         | Voltage                           |
|--------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------|-----------------------------------|
| <input type="text" value="LR0308D"/> | <input type="text" value="50H45D - 45°"/> | <input type="text" value="E26"/> | <input type="text" value="2700K - 2700K&lt;br/&gt;4000K - 4000K"/> | <input type="text" value="120V"/> |

**Photometrics**

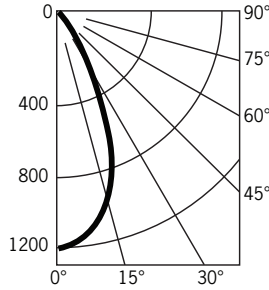
**LR0308D-50H45D-E26-2700K-120V**

Designed for 25,000 Hour Lamp Life<sup>1</sup>

Light Output (Fixture Delivered Lumens): 530  
 Total Watts@120V: 8  
 Lumens Per Watt: 62.25  
 Color Rendering Index (CRI)<sup>2</sup>: 82  
 Color Temperature (CCT)<sup>3</sup>: 2700K Warm White  
 Spectral Power Distribution Chart<sup>4</sup>



**Candela Curve**



**Candlepower Summary**

| FROM 0 | CANDELA | LUMENS |
|--------|---------|--------|
| 0      | 2218    |        |
| 5      | 2137    | 53     |
| 15     | 1387    | 338    |
| 25     | 500     | 332    |
| 35     | 206     | 160    |
| 45     | 133     | 117    |
| 55     | 114     | 100    |
| 65     | 40      | 87     |
| 75     | 10      | 18     |
| 85     | 6       | 9      |
| 95     | 0       |        |

**Intensity Distribution**

| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 4'             | 138.6            | 7.8                 |
| 6'             | 61.6             | 11.7                |
| 8'             | 34.7             | 15.7                |
| 10'            | 22.2             | 19.6                |
| 12'            | 15.4             | 23.5                |
| 14'            | 11.3             | 27.4                |

**Beam Distribution: 45°**

1. Dependent on surrounding temperatures  
 2. Accuracy of rendering colors  
 3. Color appearance of light source  
 4. Colors present within the light source

**Dimmer Compatibility**

| Manufacturer | Model No.    | Voltage (V) | Wattage (W) | Min. Number of LED Lamp(s) Compatible* | Max. Number of LED Lamp(s) Compatible* |
|--------------|--------------|-------------|-------------|----------------------------------------|----------------------------------------|
| Leviton      | 6633-P       | 120         | 600         | 1                                      | 6                                      |
| Lutron       | DV-600P      | 120         | 600         | 1                                      | 6                                      |
| Leviton      | 6681         | 120         | 600         | 1                                      | 6                                      |
| Lutron       | MIR-600      | 120         | 600         | 1                                      | 6                                      |
| Lutron       | TG-600P      | 120         | 600         | 1                                      | 6                                      |
| Leviton      | IPI06        | 120         | 600         | 1                                      | 6                                      |
| Lutron       | TG-603P      | 120         | 500         | 1                                      | 6                                      |
| Lutron       | MA-600       | 120         | 600         | 1                                      | 6                                      |
| Lutron       | AY-103P      | 120         | 1000        | 1                                      | 6                                      |
| Neptun       | Apollo 80005 | 120         | 600         | 1                                      | 6                                      |
| Leviton      | 6631-LW      | 120         | 600         | 1                                      | 6                                      |
| Leviton      | 6161-I       | 120         | 600         | 1                                      | 6                                      |
| Leviton      | IPM06-1LZ    | 120         | 600         | 1                                      | 6                                      |
| Electric     | EL-34934     | 120         | 600         | 1                                      | 6                                      |
| Lutron       | Ctcl-153P    | 120         | 150         | 1                                      | 6                                      |
| Leviton      | OG3703       | 120         | 600         | 1                                      | 6                                      |
| Leviton      | 6602-W       | 120         | 600         | 1                                      | 6                                      |
| Leviton      | 6683-IW      | 120         | 600         | 1                                      | 6                                      |

\*The minimum and maximum number of LED lamps compatible depends upon the performance of the dimmer, which is subject to the status of the manufacturer's technology. Due to possible variations in country dimmer module specifications, please contact your local distributor for a list of compatible dimmers before installation.