

ULTRA LED™ Glass PAR Lamps

New Glass Housing Design



Key Features & Benefits

- Up to 75 LPW
- Dimmable*
- Long life up to 25,000 hours (L₇₀)
- Color temperature available in 2700K, 3000K, 4000K and 5000K
- CRI >80
- Energy savings up to 87%
- Longer life than traditional halogen lamps
- No warm-up time, instant on with full light output and stable color
- Ideal for re-lamping when halogen lamps reach end of life
- Glass body with full optics - similar to halogen PAR lamps
- UL Wet rated

* Performance may vary depending on dimmer used in application. Please refer to Dimmer Compatibility List (RETRO-DIM) for a list of compatible dimmers or visit www.SYLVANIA.com/LED Retrofit



The new aesthetically pleasing design of the ULTRA LED Glass PAR lamps make halogen retrofits easier to spot relamp to a more energy efficient lamp. Replacements for 60, 75, 100, 120 watt halogen lamps providing up to 87% energy savings and longer life up to 25,000 hours (L₇₀). These lamps can be used in many applications and are wet location rated and perfect for outdoor applications. All lamps are RoHS compliant, contain no mercury and emit no UV or IR radiation.

Product Offering

| Ordering Abbreviation | Wattage | Beam Angle | Color Temperature | CRI |
|-----------------------|---------|----------------|-----------------------------|-----|
| LED PAR20 | 8 | 25° & 40° | 2700K, 3000K, 4000K & 5000K | 81 |
| LED PAR30 | 13 | 25° & 40° | 3000K | 82 |
| LED PAR30LN | 13 | 25° & 40° | 2700K, 3000K, 4000K & 5000K | 82 |
| LED PAR38 | 14 | 12°, 25° & 40° | 2700K, 3000K, 4000K & 5000K | 82 |
| LED PAR38 | 17 | 25° & 40° | 3000K & 5000K | 82 |

Application Information

Applications

- General lighting
- Recessed downlights
- Track lighting
- Wall washer

Market Segments

- Hospitality
- Offices
- Property management
- Residential
- Restaurants
- Retail
- Schools

Application Notes

1. Operating temperature -20°C to +45°C (-4°F to 113°F).
2. Not for use with emergency light fixtures or exit lights.
3. Suitable for wet locations.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. For FCC Part 15 user information, please see www.sylvania.com/fcc15b.



| | |
|-------------|------|
| Catalog # | Type |
| Project | |
| Comments | |
| Prepared by | |

Ordering Information

| Item Number* | Ordering Abbreviation | Wattage (W) | Base Type | Replaces | Beam Angle | CBCP | Average Rated Life (hrs.) ¹ | CCT ² | CRI ³ | Typical Lumens (lm) ⁴ | Power Factor | ENERGY STAR [®] |
|--------------|------------------------------------|-------------|-----------|----------|------------|----------|--|------------------|------------------|----------------------------------|--------------|--------------------------|
| 78982 | LED8PAR20/DIM/827/NFL25/GL1/W | 8 | Medium | 50W | 25° | 1700cd | 25,000 | 2700K | 81 | 500 | 0.95 | Yes |
| 78983 | LED8PAR20/DIM/827/FL40/GL1/W | 8 | Medium | 50W | 40° | 950cd | 25,000 | 2700K | 81 | 500 | 0.95 | Yes |
| 78980 | LED8PAR20/DIM/830/NFL25/GL1/W | 8 | Medium | 50W | 25° | 1700cd | 25,000 | 3000K | 81 | 500 | 0.95 | Yes |
| 78981 | LED8PAR20/DIM/830/FL40/GL1/W | 8 | Medium | 50W | 40° | 950cd | 25,000 | 3000K | 81 | 500 | 0.95 | Yes |
| 78978 | LED8PAR20/DIM/840/FL40/GL2/W | 8 | Medium | 50W | 40° | 950cd | 25,000 | 4000K | 81 | 500 | 0.95 | Yes |
| 74053 | LED8PAR20/DIM/850/FL40/GL1/W/RP | 8 | Medium | 50W | 40° | 950cd | 25,000 | 5000K | 81 | 550 | 0.95 | Yes |
| 79372 | LED13PAR30/DIM/830/FL40/GL1/W/RP | 13 | Medium | 75W | 40° | 1500cd | 25,000 | 3000K | 82 | 825 | 0.95 | Yes |
| 79373 | LED13PAR30/DIM/830/NFL25/GL1/W | 13 | Medium | 75W | 25° | 3200cd | 25,000 | 3000K | 82 | 825 | 0.95 | Yes |
| 78229 | LED13PAR30LN/DIM/827/NFL25/GL1/W | 13 | Medium | 75W | 25° | 3200cd | 25,000 | 2700K | 82 | 825 | 0.95 | Yes |
| 78230 | LED13PAR30LN/DIM/827/FL40/GL1/W | 13 | Medium | 75W | 40° | 1500cd | 25,000 | 2700K | 82 | 825 | 0.95 | Yes |
| 78227 | LED13PAR30LN/DIM/830/NFL25/GL1/W | 13 | Medium | 75W | 25° | 3200cd | 25,000 | 3000K | 82 | 825 | 0.95 | Yes |
| 78228 | LED13PAR30LN/DIM/830/FL40/GL1/W | 13 | Medium | 75W | 40° | 1500cd | 25,000 | 3000K | 82 | 825 | 0.95 | Yes |
| 78224 | LED13PAR30LN/DIM/840/FL40/GL2/W | 13 | Medium | 75W | 40° | 1500cd | 25,000 | 4000K | 82 | 825 | 0.95 | Yes |
| 74059 | LED13PAR30LN/DIM/850/FL40/GL1/W/RP | 13 | Medium | 75W | 40° | 1500cd | 25,000 | 5000K | 82 | 900 | 0.95 | Yes |
| 74037 | LED14PAR38/DIM/827/NFL25/GL1/W | 14 | Medium | 100W | 25° | 5500cd | 25,000 | 2700K | 82 | 1050 | 0.95 | Yes |
| 74035 | LED14PAR38/DIM/827/FL40/GL1/W | 14 | Medium | 100W | 40° | 2000cd | 25,000 | 2700K | 82 | 1050 | 0.95 | Yes |
| 74036 | LED14PAR38/DIM/830/SP12/GL1/W | 14 | Medium | 100W | 12° | 14,000cd | 25,000 | 3000K | 82 | 1050 | 0.95 | Yes |
| 74032 | LED14PAR38/DIM/830/NFL25/GL1/W | 14 | Medium | 100W | 25° | 5500cd | 25,000 | 3000K | 82 | 1050 | 0.95 | Yes |
| 74034 | LED14PAR38/DIM/830/FL40/GL1/W | 14 | Medium | 100W | 40° | 2000cd | 25,000 | 3000K | 82 | 1050 | 0.95 | Yes |
| 74088 | LED14PAR38/DIM/840/FL40/GL1/W | 14 | Medium | 100W | 40° | 2000cd | 25,000 | 4000K | 82 | 1050 | 0.95 | Yes |
| 74064 | LED14PAR38/DIM/850/FL40/GL1/W/RP | 14 | Medium | 100W | 40° | 2000cd | 25,000 | 5000K | 82 | 1050 | 0.95 | Yes |
| 74052 | LED17PAR38/DIM/830/NFL25/GL1/W | 17 | Medium | 120W | 25° | 6500cd | 25,000 | 3000K | 82 | 1300 | 0.95 | Yes |
| 74070 | LED17PAR38/DIM/830/FL40/GL1/W/RP | 17 | Medium | 120W | 40° | 2500cd | 25,000 | 3000K | 82 | 1300 | 0.95 | Yes |
| 74068 | LED17PAR38/DIM/850/FL40/GL1/W/RP | 17 | Medium | 120W | 40° | 2500cd | 25,000 | 5000K | 82 | 1300 | 0.95 | Yes |

* Replacements: 78982 replaces 78992; 78980 replaces 78988; 78983 replaces 78994; 78981 replaces 78990; 74053 replaces 78873; 78229 replaces 78791; 78230 replaces 78814; 78227 replaces 78787; 78228 replaces 78789; 74059 replaces 78877; 74035 replaces 78442; 74037 replaces 78444; 74032 replaces 78474; 74034 replaces 78440; 74031 replaces 78448; 74064 replaces 78446; 74070 replaces 75171; 74068 replaces 75172

1. Hours Lifetime with 70% lumen maintenance 2. Thermally stable typical CCT (±10%) 3. CRI – Color Rendering Index (typical) 4. Thermally stable typical lumens (±10%)

Ordering Guide

| LED | 14 | PAR38 | / | DIM | / | 8 | 30 | / | FL | 40 | / | GL1 | / | W |
|-------------------------|------------------------|---|---|----------|---|---------|---|---|-------|---------------------------|---|-------------|---|-----------|
| LED Lamps and Retrofits | Wattage: 8, 13, 14, 17 | Lamp Type: PAR38, PAR30LN, PAR30, PAR20 | / | Dimmable | / | CRI=80+ | Color Temperature: 2700K, 3000K, 4000K, 5000K | / | Flood | Beam Angle: 12°, 25°, 40° | / | Glass Lamps | / | Wet Rated |

Energy Savings

| Basic Product Description | LED Life (hrs.) | Similar Halogen | Halogen Life (hrs.) | Watts Saved | Energy Savings* | LED Life vs. Incandescent |
|---------------------------|-----------------|-----------------|---------------------|-------------|-----------------|---------------------------|
| LED 8W PAR20 | 25,000 | 60W | 2,500 | 52 | \$143.00 | 10X |
| LED 13W PAR30 | 25,000 | 75W | 2,500 | 62 | \$170.50 | 10X |
| LED 13W PAR30LN | 25,000 | 75W | 2,500 | 62 | \$170.50 | 10X |
| LED 14W PAR38 | 25,000 | 100W | 2,500 | 76 | \$236.50 | 10X |
| LED 17W PAR38 | 25,000 | 120W | 2,500 | 73 | \$200.75 | 10X |

* Energy savings over the life of the lamp calculated at \$0.11/kWh

Lamp Dimensions

| MOL (inches) | Diameter (inches) |
|--------------|-------------------|
| LED PAR20 | 3.30 in |
| LED PAR30 | 3.74 in |
| LED PAR30 LN | 4.56 in |
| LED PAR38 | 5.20 in |

Dimensions in inches (mm)

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