

# RENAISSANCE™ LED PAR Family



## Key Features & Benefits

- High lumen packages and center beam candle power (CBCP) for color critical applications
- Lens facing contains full optics
- Full family – 91 CRI
- Design life: 40,000 hours (L<sub>70</sub>)\*
- Dimmable\*\*
- CCT: 2700K, 3000K and 3500K
- Beam angles: 15°, 25°, 40°
- No warm up time, instant on with full light output and stable color
- Indoor/outdoor – damp rated
- 5 year warranty

\*ENERGY STAR® Rated life: 25,000 hours (L<sub>70</sub>)

\*\*Performance may vary depending on dimmer used in application.

The RENAISSANCE line offers a full family of high CBCP PAR lamps with superior beam quality, ideal for color critical applications. The high R9 (R9 up to 74) feature enhances warm color palettes and makes whites more crisp, making them ideal for hospitality, healthcare and retail applications. With multiple beam angles (15°, 25° and 40°) available light is placed exactly where it's needed, with spill light surrounding for general illumination.

## Product Offering

| Ordering Abbreviation | Wattage (W)      | Base Type  | Typical Lumens (lm) |
|-----------------------|------------------|------------|---------------------|
| PAR20                 | 7, 8             | 25, 40     | 2700K, 3000K, 3500K |
| PAR30                 | 12, 12.5         | 15, 25, 40 | 2700K, 3000K, 3500K |
| PAR30LN               | 12, 12.5         | 25, 40     | 2700K, 3000K, 3500K |
| PAR38                 | 12, 13, 16.5, 17 | 15, 25, 40 | 2700K, 3000K, 3500K |

## Application Information

### Applications

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

### Market Segments

- Art galleries
- Hospitality
- Museums
- Offices
- Residential
- Restaurants
- Retail

### Application Notes

1. Operating temperature -4°F to 104°F (-20°C to 40°C)
2. Not for use with emergency light fixtures or exit lights
3. Suitable for use in UL rated fixture where protected from the weather
4. For lamp warranty information please visit:  
[www.sylvania.com/warranty](http://www.sylvania.com/warranty)

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](http://www.sylvania.com/fcc15b)

### Specifications and Certifications



Specification Data

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

Ordering Information

| Item Number | Ordering Abbreviation            | Wattage (W) | Lumens (lm) | Beam Angle | CBCP   | LPW | (CCT) | Input Voltage | Dimmable | CRI | R9 | Power Factor | Replaces     | ENERGY STAR® |
|-------------|----------------------------------|-------------|-------------|------------|--------|-----|-------|---------------|----------|-----|----|--------------|--------------|--------------|
| PAR20       |                                  |             |             |            |        |     |       |               |          |     |    |              |              |              |
| 78363       | LED8PAR20/HD/DIM/927/NFL25       | 8           | 500         | 25°        | 1300   | 63  | 2700K | 120V          | Yes      | 91  | 72 | 0.99         | 50W Halogen  | Yes          |
| 78366       | LED8PAR20/HD/DIM/927/FL40        | 8           | 500         | 40°        | 1100   | 63  | 2700K | 120V          | Yes      | 91  | 72 | 0.99         | 50W Halogen  | Yes          |
| 78364*      | LED8PAR20/HD/DIM/930/NFL25       | 8           | 550         | 25°        | 1400   | 69  | 3000K | 120V          | Yes      | 91  | 55 | 0.99         | 50W Halogen  | Yes          |
| 40934       | LED7PAR20/HD/DIM/930/G2/NFL25    | 7           | 550         | 25°        | 2545   | 79  | 3000K | 120V          | Yes      | 91  | 71 | 0.9          | 50W Halogen  | Yes          |
| 78367*      | LED8PAR20/HD/DIM/930/FL40        | 8           | 550         | 40°        | 1200   | 69  | 3000K | 120V          | Yes      | 91  | 59 | 0.99         | 50W Halogen  | Yes          |
| 40935       | LED7PAR20/HD/DIM/930/G2/FL40     | 7           | 550         | 40°        | 1118   | 79  | 3000K | 120V          | Yes      | 91  | 73 | 0.9          | 50W Halogen  | Yes          |
| 78365       | LED8PAR20/HD/DIM/935/NFL25       | 8           | 600         | 25°        | 1400   | 75  | 3500K | 120V          | Yes      | 91  | 74 | 0.99         | 50W Halogen  | Yes          |
| 78368       | LED8PAR20/HD/DIM/935/FL40        | 8           | 600         | 40°        | 1200   | 75  | 3500K | 120V          | Yes      | 91  | 60 | 0.99         | 50W Halogen  | Yes          |
| PAR30       |                                  |             |             |            |        |     |       |               |          |     |    |              |              |              |
| 40037*      | LED12.5PAR30/HD/DIM/927/WSP15    | 12.5        | 900         | 15°        | 7500   | 72  | 2700K | 120V          | Yes      | 91  | 57 | 0.99         | 75W Halogen  | Yes          |
| 40936       | LED12PAR30/HD/DIM/927/G2/WSP15   | 12          | 1050        | 15°        | 12,070 | 88  | 2700K | 120V          | Yes      | 91  | 59 | 0.9          | 75W Halogen  | Yes          |
| 79570*      | LED12.5PAR30/HD/DIM/927/NFL25    | 12.5        | 900         | 25°        | 4500   | 72  | 2700K | 120V          | Yes      | 91  | 54 | 0.99         | 75W Halogen  | Yes          |
| 40937       | LED12PAR30/HD/DIM/927/G2/NFL25   | 12          | 1050        | 25°        | 5879   | 88  | 2700K | 120V          | Yes      | 91  | 0  | 0.9          | 75W Halogen  | Yes          |
| 79573*      | LED12.5PAR30/HD/DIM/927/FL40     | 12.5        | 900         | 40°        | 1800   | 72  | 2700K | 120V          | Yes      | 91  | 53 | 0.99         | 75W Halogen  | Yes          |
| 41069       | LED12PAR30/HD/DIM/927/G2/FL40    | 12          | 1050        | 40°        | 2506   | 88  | 2700K | 120V          | Yes      | 91  | 60 | 0.9          | 75W Halogen  | Yes          |
| 40038       | LED12.5PAR30/HD/DIM/930/WSP15    | 12.5        | 1000        | 15°        | 7500   | 80  | 3000K | 120V          | Yes      | 91  | 59 | 0.99         | 75W Halogen  | Yes          |
| 79571*      | LED12.5PAR30/HD/DIM/930/NFL25    | 12.5        | 1000        | 25°        | 4650   | 80  | 3000K | 120V          | Yes      | 91  | 56 | 0.99         | 75W Halogen  | Yes          |
| 40938       | LED12PAR30/HD/DIM/930/G2/NFL25   | 12          | 1050        | 25°        | 5775   | 88  | 3000K | 120V          | Yes      | 91  | 68 | 0.9          | 75W Halogen  | Yes          |
| 79574*      | LED12.5PAR30/HD/DIM/935/FL40     | 12.5        | 1000        | 40°        | 1900   | 80  | 3000K | 120V          | Yes      | 91  | 57 | 0.99         | 75W Halogen  | Yes          |
| 40940       | LED12PAR30/HD/DIM/930/G2/FL40    | 12          | 1050        | 40°        | 1750   | 88  | 3000K | 120V          | Yes      | 91  | 0  | 0.9          | 75W Halogen  | Yes          |
| 79572*      | LED12.5PAR30/HD/DIM/935/NFL25    | 12.5        | 1050        | 25°        | 4650   | 84  | 3500K | 120V          | Yes      | 91  | 73 | 0.99         | 75W Halogen  | Yes          |
| 40939       | LED12PAR30/HD/DIM/935/G2/NFL25   | 12          | 1050        | 25°        | 4700   | 88  | 3500K | 120V          | Yes      | 91  | 0  | 0.9          | 75W Halogen  | Yes          |
| 79575*      | LED12.5PAR30/HD/DIM/935/FL40     | 12.5        | 1050        | 40°        | 1900   | 84  | 3500K | 120V          | Yes      | 91  | 72 | 0.99         | 75W Halogen  | Yes          |
| 40941       | LED12PAR30/HD/DIM/935/G2/FL40    | 12          | 1050        | 40°        | 2541   | 88  | 3500K | 120V          | Yes      | 91  | 0  | 0.9          | 75W Halogen  | Yes          |
| PAR30LN     |                                  |             |             |            |        |     |       |               |          |     |    |              |              |              |
| 79564       | LED12.5PAR30LN/HD/DIM/927/NFL25  | 12.5        | 900         | 25°        | 4500   | 72  | 2700K | 120V          | Yes      | 91  | 56 | 0.99         | 75W Halogen  | Yes          |
| 79567*      | LED12.5PAR30LN/HD/DIM/927/FL40   | 12.5        | 900         | 40°        | 1800   | 72  | 2700K | 120V          | Yes      | 91  | 53 | 0.99         | 75W Halogen  | Yes          |
| 40984       | LED12PAR30LN/HD/DIM/927/G2/FL40  | 12          | 1050        | 40°        | 2100   | 88  | 2700K | 120V          | Yes      | 91  | 0  | 0.9          | 75W Halogen  | Yes          |
| 79565       | LED12.5PAR30LN/HD/DIM/930/NFL25  | 12.5        | 1000        | 25°        | 4650   | 80  | 3000K | 120V          | Yes      | 91  | 57 | 0.99         | 75W Halogen  | Yes          |
| 79568*      | LED12.5PAR30LN/HD/DIM/930/FL40   | 12.5        | 1000        | 40°        | 1900   | 80  | 3000K | 120V          | Yes      | 91  | 57 | 0.99         | 75W Halogen  | Yes          |
| 40942       | LED12PAR30LN/HD/DIM/930/G2/FL40  | 12          | 1050        | 40°        | 1750   | 88  | 3000K | 120V          | Yes      | 91  | 0  | 0.9          | 75W Halogen  | Yes          |
| 79566*      | LED12.5PAR30LN/HD/DIM/935/NFL25  | 12.5        | 1050        | 25°        | 4650   | 84  | 3500K | 120V          | Yes      | 91  | 71 | 0.99         | 75W Halogen  | Yes          |
| 41114       | LED12PAR30LN/HD/DIM/935/G2/NFL25 | 12          | 1050        | 25°        | 6150   | 88  | 3500K | 120V          | Yes      | 91  | 0  | 0.9          | 75W Halogen  | Yes          |
| 79569*      | LED12.5PAR30LN/HD/DIM/935/FL40   | 12.5        | 1050        | 40°        | 1900   | 84  | 3500K | 120V          | Yes      | 91  | 73 | 0.99         | 75W Halogen  | Yes          |
| 40943       | LED12PAR30LN/HD/DIM/935/G2/FL40  | 12          | 1050        | 40°        | 1750   | 88  | 3500K | 120V          | Yes      | 91  | 0  | 0.9          | 75W Halogen  | Yes          |
| PAR38       |                                  |             |             |            |        |     |       |               |          |     |    |              |              |              |
| 78351*      | LED13PAR38/HD/DIM/930/WSP15      | 13          | 1000        | 15°        | 13,500 | 77  | 3000K | 120V          | Yes      | 91  | 57 | 0.99         | 90W Halogen  | Yes          |
| 40856       | LED12PAR38/HD/DIM/930/G2/WSP15   | 12          | 1000        | 15°        | 13,660 | 83  | 3000K | 120V          | Yes      | 91  | 61 | 0.9          | 90W Halogen  | Yes          |
| 78362*      | LED13PAR38/HD/DIM/930/NFL25      | 13          | 1000        | 25°        | 4000   | 77  | 3000K | 120V          | Yes      | 91  | 57 | 0.99         | 90W Halogen  | Yes          |
| 40944       | LED12PAR38/HD/DIM/930/G2/NFL25   | 12          | 950         | 25°        | 5868   | 79  | 3000K | 120V          | Yes      | 91  | 68 | 0.9          | 120W Halogen | Yes          |
| 78361*      | LED13PAR38/HD/DIM/930/FL40       | 13          | 1000        | 40°        | 1800   | 77  | 3000K | 120V          | Yes      | 91  | 57 | 0.99         | 90W Halogen  | Yes          |
| 40945       | LED12PAR38/HD/DIM/930/G2/FL40    | 12          | 950         | 40°        | 2270   | 79  | 3000K | 120V          | Yes      | 91  | 71 | 0.9          | 120W Halogen | Yes          |
| 78352       | LED16.5PAR38/HD/DIM/927/WSP15    | 16.5        | 1250        | 15°        | 12,500 | 76  | 2700K | 120V          | Yes      | 91  | 55 | 0.99         | 120W Halogen | Yes          |
| 78355*      | LED16.5PAR38/HD/DIM/930/WSP15    | 16.5        | 1350        | 15°        | 13,000 | 82  | 3000K | 120V          | Yes      | 91  | 60 | 0.99         | 120W Halogen | Yes          |
| 40857       | LED16.5PAR38/HD/DIM/930/G2/WSP15 | 16.5        | 1350        | 15°        | 16,514 | 82  | 3000K | 120V          | Yes      | 91  | 58 | 0.9          | 120W Halogen | Yes          |
| 78358*      | LED16.5PAR38/HD/DIM/935/WSP15    | 16.5        | 1350        | 15°        | 13,000 | 82  | 3500K | 120V          | Yes      | 91  | 56 | 0.99         | 120W Halogen | Yes          |
| 40946       | LED16.5PAR38/HD/DIM/935/G2/WSP15 | 16.5        | 1350        | 15°        | 16,550 | 82  | 3500K | 120V          | Yes      | 91  | 0  | 0.9          | 120W Halogen | Yes          |
| 78353*      | LED16.5PAR38/HD/DIM/927/NFL25    | 16.5        | 1250        | 25°        | 5600   | 76  | 2700K | 120V          | Yes      | 91  | 56 | 0.99         | 120W Halogen | Yes          |
| 40947       | LED16.5PAR38/HD/DIM/927/G2/NFL25 | 16.5        | 1350        | 25°        | 7897   | 82  | 2700K | 120V          | Yes      | 91  | 59 | 0.9          | 120W Halogen | Yes          |
| 78356*      | LED16.5PAR38/HD/DIM/930/NFL25    | 16.5        | 1350        | 25°        | 5800   | 82  | 3000K | 120V          | Yes      | 91  | 58 | 0.99         | 120W Halogen | Yes          |
| 40858       | LED16.5PAR38/HD/DIM/930/G2/NFL25 | 16.5        | 1350        | 25°        | 7491   | 82  | 3000K | 120V          | Yes      | 91  | 72 | 0.9          | 120W Halogen | Yes          |
| 78359       | LED16.5PAR38/HD/DIM/935/NFL25    | 16.5        | 1350        | 25°        | 5800   | 82  | 3500K | 120V          | Yes      | 91  | 60 | 0.99         | 120W Halogen | Yes          |
| 78354*      | LED16.5PAR38/HD/DIM/927/FL40     | 16.5        | 1250        | 40°        | 2300   | 76  | 2700K | 120V          | Yes      | 91  | 56 | 0.99         | 120W Halogen | Yes          |
| 40948       | LED16.5PAR38/HD/DIM/927/G2/FL40  | 16.5        | 1350        | 40°        | 2696   | 82  | 2700K | 120V          | Yes      | 91  | 54 | 0.9          | 120W Halogen | Yes          |
| 78357*      | LED16.5PAR38/HD/DIM/930/FL40     | 16.5        | 1350        | 40°        | 2350   | 82  | 3000K | 120V          | Yes      | 91  | 58 | 0.99         | 120W Halogen | Yes          |
| 40859       | LED16.5PAR38/HD/DIM/930/G2/FL40  | 16.5        | 1350        | 40°        | 2678   | 82  | 3000K | 120V          | Yes      | 91  | 69 | 0.9          | 120W Halogen | Yes          |
| 78360*      | LED16.5PAR38/HD/DIM/935/FL40     | 16.5        | 1350        | 40°        | 2350   | 82  | 3500K | 120V          | Yes      | 91  | 60 | 0.99         | 120W Halogen | Yes          |
| 40949       | LED17PAR38/HD/DIM/935/G2/FL40    | 17          | 1350        | 40°        | 3226   | 79  | 3500K | 120V          | Yes      | 91  | 61 | 0.9          | 120W Halogen | Yes          |

\*Once inventory is depleted, NAED will become obsolete.

## Ordering Guide

| LED                     | XX                                         | XX                                       | / | HD              | / | DIM      | / | 9        | XXXX                                     | / | XX                          |
|-------------------------|--------------------------------------------|------------------------------------------|---|-----------------|---|----------|---|----------|------------------------------------------|---|-----------------------------|
| LED Lamps and Retrofits | Wattage<br>7, 8, 12, 12.5,<br>13, 16.5, 17 | Shape<br>PAR20, PAR30,<br>PAR30LN, PAR38 |   | High Definition |   | Dimmable |   | CRI = 91 | Color Temperature<br>2700K, 3000K, 3500K |   | Beam Angle<br>15°, 25°, 40° |

## Dimmer Compatibility

| Dimmer Manufacturer | Dimmer Model      | Control Type <sup>1</sup> | Item Number                              |                            |                                                                                                         |                            |                            |                            |                                                               |                            |
|---------------------|-------------------|---------------------------|------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|---------------------------------------------------------------|----------------------------|
|                     |                   |                           | 78363, 78366, 78364, 78367, 78365, 78368 |                            | 40037, 79570, 79573, 40038, 79571, 79574, 40039, 79572, 79575, 79564, 79567, 79565, 79568, 79566, 79569 |                            | 79351, 79362, 79361        |                            | 79352, 78355, 78358, 78353, 78356, 78359, 78354, 78357, 78360 |                            |
|                     |                   |                           | 8W                                       |                            | 12.5W                                                                                                   |                            | 13W                        |                            | 16.5W                                                         |                            |
|                     |                   |                           | Lamps Min-Max <sup>2</sup>               | Dimming Range <sup>3</sup> | Lamps Min-Max <sup>2</sup>                                                                              | Dimming Range <sup>3</sup> | Lamps Min-Max <sup>2</sup> | Dimming Range <sup>3</sup> | Lamps Min-Max <sup>2</sup>                                    | Dimming Range <sup>3</sup> |
| Lutron              | C.L. <sup>4</sup> | FP                        | 1 to 18                                  | 10-100%                    | 1 to 12                                                                                                 | 10-100%                    | 1 to 11                    | 10-100%                    | 1 to 9                                                        | 10-100%                    |
|                     | MACL-153M         | FP                        | 1 to 18                                  | 10-100%                    | 1 to 12                                                                                                 | 10-100%                    | 1 to 11                    | 10-100%                    | 1 to 9                                                        | 10-100%                    |
|                     | PD-6WCL           | FP                        | 1 to 18                                  | 10-100%                    | 1 to 12                                                                                                 | 10-100%                    | 1 to 11                    | 10-100%                    | 1 to 9                                                        | 10-100%                    |
|                     | DVELV-300P        | RP                        | 1 to 22                                  | 10-100%                    | 1 to 16                                                                                                 | 10-100%                    | 1 to 15                    | 10-100%                    | 1 to 13                                                       | 10-100%                    |
|                     | SELV-300P         | RP                        | 1 to 22                                  | 10-100%                    | 1 to 16                                                                                                 | 10-100%                    | 1 to 15                    | 10-100%                    | 1 to 13                                                       | 10-100%                    |
|                     | MAELV-600         | RP                        | 1 to 25                                  | 10-100%                    | 1 to 20                                                                                                 | 10-100%                    | 1 to 19                    | 10-100%                    | 1 to 16                                                       | 10-100%                    |
| Leviton             | 6674              | FP                        | 1 to 18                                  | 10-100%                    | 1 to 12                                                                                                 | 10-100%                    | 1 to 11                    | 10-100%                    | 1 to 9                                                        | 10-100%                    |
| Legrand             | RHCL-453PW        | FP                        | 1 to 18                                  | 10-100%                    | 1 to 12                                                                                                 | 10-100%                    | 1 to 11                    | 10-100%                    | 1 to 9                                                        | 10-100%                    |

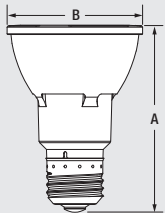
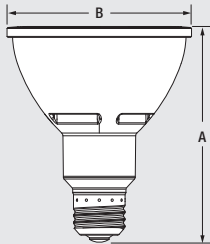
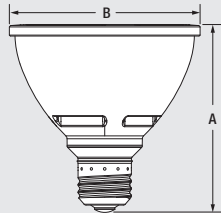
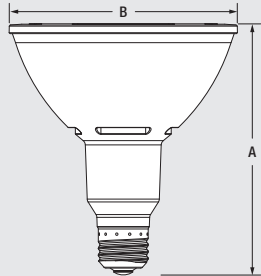
<sup>1</sup>Control types FP and RP represent Forward Phase and Reverse Phase, respectively.

<sup>2</sup>Maximum lamps per dimmer value represents the maximum safe loading of the control.

<sup>3</sup>Values are based on light output using the specified dimming control, and may not be an indication of the fixture's full rated capability.

<sup>4</sup>Includes models DVCL/TGCL/AYCL/SCL/CTCL/LECL.

## Lamp Dimensions

|         | (A)<br>MOL<br>inches (mm) | (B)<br>Diameter<br>inches (mm) |                                                                                      |
|---------|---------------------------|--------------------------------|--------------------------------------------------------------------------------------|
| PAR20   | 3.5 (88)                  | 2.5 (64)                       |   |
| PAR30LN | 4.5 (114)                 | 3.7 (95)                       |    |
| PAR30SN | 3.6 (92)                  | 3.7 (95)                       |  |
| PAR38   | 5.1 (132)                 | 4.7 (120.5)                    |  |
|         |                           |                                | PAR20      PAR30LN      PAR30SN      PAR38                                           |

LEDVANCE LLC

200 Ballardvale Street

Wilmington, MA 01887 USA

Phone 1-800-LIGHTBULB (1-800-544-4828)

www.sylvania.com

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Specifications subject to change without notice.

