

# SYLVANIA Lamps

## TruWave® Technology Reflector Family

### TruWave® Technology

TruWave® Technology offers the best alternative to natural light by mimicking the natural light spectrum, all while saving energy.

### Benefits and Features

- Controls blue wavelengths for lower glare and reduced eye strain to improve readability and supports an improved sleep-wake cycle
- Perfect fit where clean light color rendering is needed for seeing realistic, vivid colors without sacrificing light output
- Properly saturates red to make building spaces and flesh tones accurate and vibrant, without oversaturating which compromises energy efficiencies
- Exceptional color quality without the loss of efficacy typical of most 90+ CRI solutions
- Up to 92 LPW
- 2700K, 3000K, 3500K, 4000K and 5000K color temperatures
- Available beam angle: 110°

### Electrical

- 120VAC
- Power factor >0.90
- Dimmable down to 10%

### Rated Life

- 15,000 hours (L<sub>70</sub>)

### Warranty

- 5 year limited lamp warranty (3 hours per day operation)
- NLB Trusted Warranty Program

### Ambient Operating Range

- -4°F to 104°F (-20°C to 40°C)



**TruWave®**

### Wattage Comparison

| Traditional Source | Traditional System Wattage | LED System Wattage | Energy Savings      |
|--------------------|----------------------------|--------------------|---------------------|
| R20 Incandescent   | 45                         | 5, 5.5             | \$66 / \$65.18      |
| BR30 Incandescent  | 65                         | 7, 7.5             | \$95.7 / \$94.9     |
| BR40 Incandescent  | 85                         | 12, 12.5           | \$120.45 / \$119.63 |

### Certifications and Listings

- cULus
- cETLus
- RoHS
- California Title 20 Certified

### Installation

- Suitable for indoor and outdoor dry and damp locations
- Not for use in totally enclosed fixtures, emergency light fixtures, or exit lights



LED550R7 12-24



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

## Ordering Guide

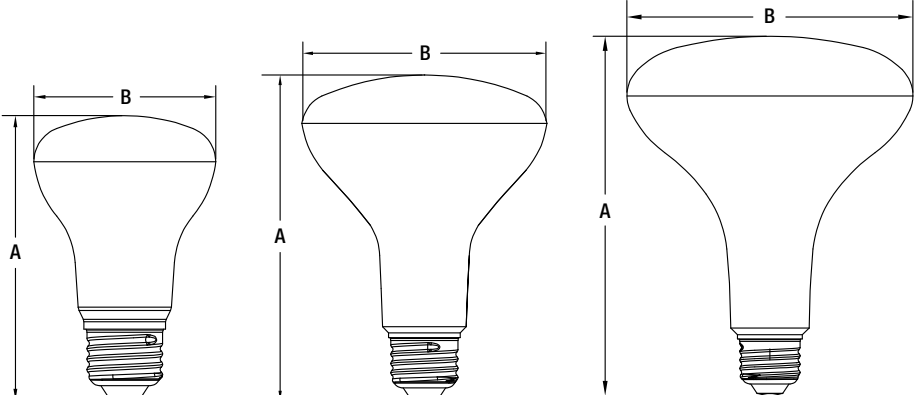
| LED | XX                                                                                                                | XXXX                                                 | DIM            | 9              | XX                                                                                      | TL                          | RPX                                  |
|-----|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------------------------------|
| LED | Wattage<br>5 = 5 Watts<br>5.5 = 5.5 Watts<br>7 = 7 Watts<br>7.5 = 7.5 Watts<br>12 = 12 Watts<br>12.5 = 12.5 Watts | Lamp Type<br>R20 = R20<br>BR30 = BR30<br>BR40 = BR40 | DIM = Dimmable | CRI<br>9 = 90+ | Color Temperature<br>27 = 2700K<br>30 = 3000K<br>35 = 3500K<br>40 = 4000K<br>50 = 5000K | TL = TruWave®<br>Technology | RP2 = 2PK Retail<br>RP6 = 6PK Retail |

## Ordering Information

| Item Number | Ordering Abbreviation              | Power (W) | Lumens | Base       | Replaces | Input Voltage | Average Rated Life (hrs) | CCT   | CRI |
|-------------|------------------------------------|-----------|--------|------------|----------|---------------|--------------------------|-------|-----|
| 41153       | LED5R20DIM935TLRP2 12/CS 2/SKU     | 5         | 450    | E26 Medium | 45W R20  | 120V          | 15,000                   | 3500K | 90+ |
| 41188       | LED5R20DIM940TLRP2 12/CS 2/SKU     | 5         | 450    | E26 Medium | 45W R20  | 120V          | 15,000                   | 4000K | 90+ |
| 40789       | LED5.5R20DIM930TLRP2 12/CS 2/SKU   | 5.5       | 450    | E26 Medium | 45W R20  | 120V          | 15,000                   | 3000K | 90+ |
| 40790       | LED5.5R20DIM950TLRP2 12/CS 2/SKU   | 5.5       | 450    | E26 Medium | 45W R20  | 120V          | 15,000                   | 5000K | 90+ |
| 40788       | LED5.5R20DIM927TLRP2 12/CS 2/SKU   | 5.5       | 450    | E26 Medium | 45W R20  | 120V          | 15,000                   | 2700K | 90+ |
| 40728       | LED7BR30DIM927TLRP2 12/CS 2/SKU    | 7         | 650    | E26 Medium | 65W BR30 | 120V          | 15,000                   | 2700K | 90+ |
| 40831       | LED7BR30DIM930TLRP2 12/CS 2/SKU    | 7         | 650    | E26 Medium | 65W BR30 | 120V          | 15,000                   | 3000K | 90+ |
| 41154       | LED7BR30DIM935TLRP2 12/CS 2/SKU    | 7         | 650    | E26 Medium | 65W BR30 | 120V          | 15,000                   | 3500K | 90+ |
| 40832       | LED7BR30DIM940TLRP2 12/CS 2/SKU    | 7         | 650    | E26 Medium | 65W BR30 | 120V          | 15,000                   | 4000K | 90+ |
| 40730       | LED7BR30DIM950TLRP2 12/CS 2/SKU    | 7         | 650    | E26 Medium | 65W BR30 | 120V          | 15,000                   | 5000K | 90+ |
| 41328       | LED7.5BR30DIM927TLRP6 24/CS 6/SKU  | 7.5       | 650    | E26 Medium | 65W BR30 | 120V          | 15,000                   | 2700K | 90+ |
| 42079       | LED7.5BR30DIM935TLRP6 24/CS 6/SKU  | 7.5       | 650    | E26 Medium | 65W BR30 | 120V          | 15,000                   | 3500K | 90+ |
| 41329       | LED7.5BR30DIM950TLRP6 24/CS 6/SKU  | 7.5       | 650    | E26 Medium | 65W BR30 | 120V          | 15,000                   | 5000K | 90+ |
| 41155       | LED12BR40DIM935TLRP2 12/CS 2/SKU   | 12        | 1100   | E26 Medium | 85W BR40 | 120V          | 15,000                   | 3500K | 90+ |
| 41214       | LED12BR40DIM940TLRP2 12/CS 2/SKU   | 12        | 1100   | E26 Medium | 85W BR40 | 120V          | 15,000                   | 4000K | 90+ |
| 40785       | LED12.5BR40DIM927TLRP2 12/CS 2/SKU | 12.5      | 1100   | E26 Medium | 85W BR40 | 120V          | 15,000                   | 2700K | 90+ |
| 40786       | LED12.5BR40DIM930TLRP2 12/CS 2/SKU | 12.5      | 1100   | E26 Medium | 85W BR40 | 120V          | 15,000                   | 3000K | 90+ |
| 40787       | LED12.5BR40DIM950TLRP2 12/CS 2/SKU | 12.5      | 1100   | E26 Medium | 85W BR40 | 120V          | 15,000                   | 5000K | 90+ |

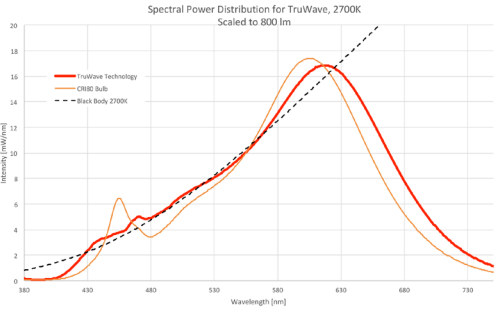
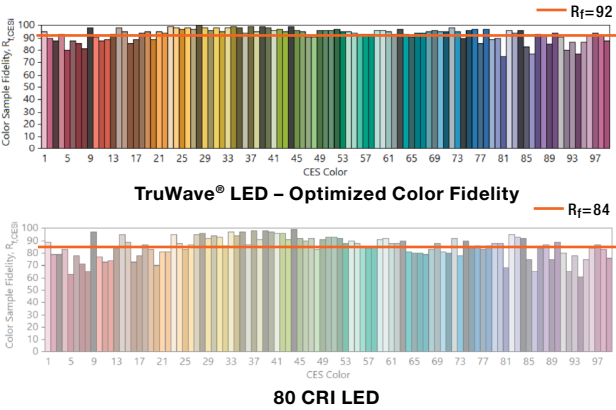
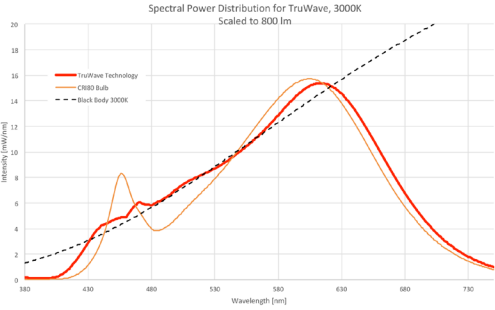
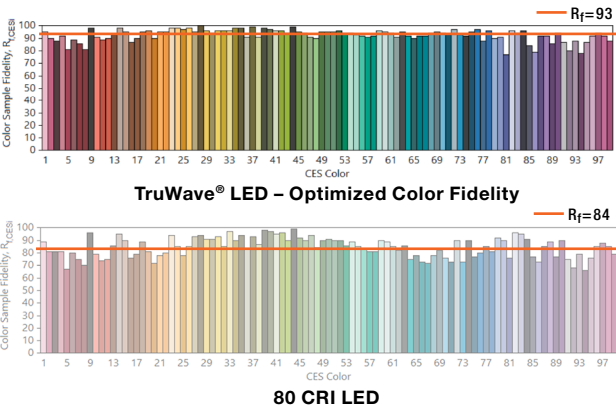
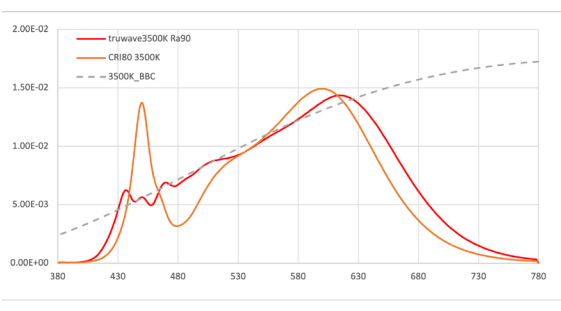
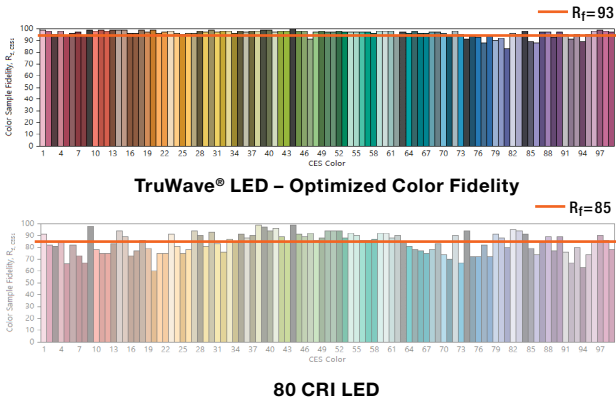
## Physical Information

|      | (A)<br>MOL<br>inches (mm) | (B)<br>Diameter<br>inches (mm) |
|------|---------------------------|--------------------------------|
| R20  | 3.90 (99)                 | 2.48 (63)                      |
| BR30 | 5 (127)                   | 3.74 (95)                      |
| BR40 | 6.14 (156)                | 4.88 (124)                     |

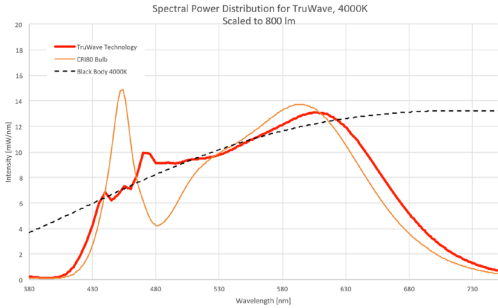
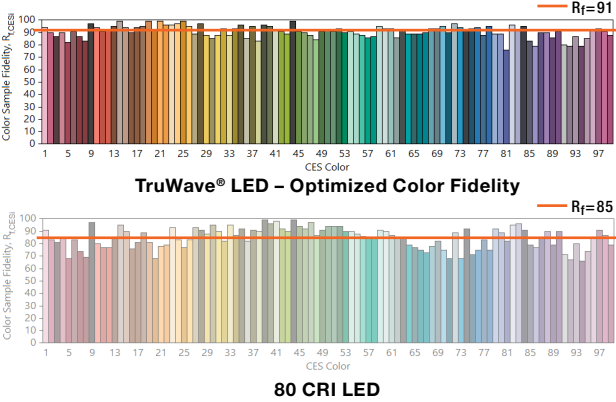
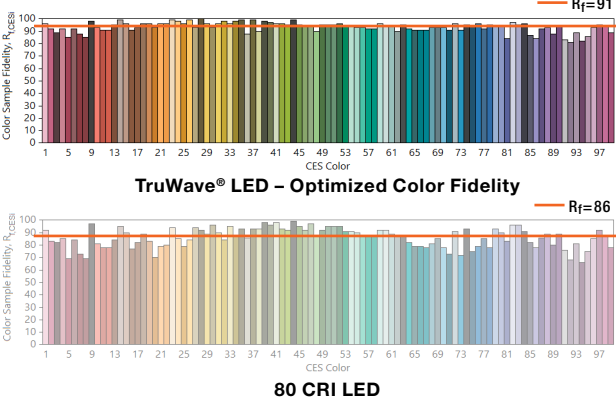


The diagrams illustrate the physical dimensions of three types of light bulbs: R20, BR30, and BR40. Each diagram shows a side profile of the bulb with a vertical dimension line labeled 'A' representing the total height from the base to the top of the bulb, and a horizontal dimension line labeled 'B' representing the maximum diameter of the bulb body. The R20 bulb is the smallest, followed by the BR30, and the BR40 is the largest. All three bulbs have a standard E26 screw base.

Color Quality Comparison

| CCT   | Spectral Power Distribution                                                         | TM-30-18 Fidelity Index                                                              |
|-------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 2700K |    |    |
| 3000K |   |   |
| 3500K |  |  |

Color Quality Comparison (continued)

| CCT   | Spectral Power Distribution                                                        | TM-30-18 Fidelity Index                                                             |
|-------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4000K |   |   |
| 5000K |  |  |

LEDVANCE LLC  
181 Ballardvale Street, Suite 203  
Wilmington, MA 01887 USA  
Phone 1-800-LIGHTBULB (1-800-544-4828)  
www.ledvanceUS.com

SYLVANIA and LEDVANCE are registered trademarks.  
All other trademarks are those of their respective owners.  
Licensee of product trademark SYLVANIA in general lighting.  
Specifications subject to change without notice.



SCAN TO FOLLOW US  
ON SOCIAL MEDIA

