

# SYLVANIA Lamps

## TruWave® Technology A19/A21

### 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 efficiency)
- Exceptional color quality without the loss of efficacy typical of most 90+ CRI solutions
- Up to 123 LPW
- 2700K, 3000K, 3500K, 4000K and 5000K color temperatures
- Approved for enclosed fixtures
- Suitable for damp locations

### 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)

### Ambient Operating Range

- -4°F to 113°F (-20°C to 45°C)



### Wattage Comparison

| Traditional Source | Traditional System Wattage | LED System Wattage | Energy Savings |
|--------------------|----------------------------|--------------------|----------------|
| Incandescent       | 40                         | 5.5                | \$57           |
| Incandescent       | 60                         | 8                  | \$86           |
| Incandescent       | 75                         | 11                 | \$106          |
| Incandescent       | 100                        | 15                 | \$140          |

### Certifications and Listings

- cULus
- cETLus
- RoHS
- Lead Free
- FCC\*
- California Title 20

\*FCC Title 47 CFR, Part 15 Subpart B Class B



LED537R7 3-25



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

## Ordering Guide

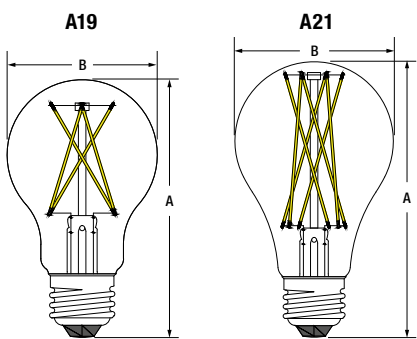
| LED | XX                                                                                         | AXX                   | DIM               | O                                | XX                        | 9              | XX                                                                                      | 13Y                             | TL                          | RPX                                                                         |
|-----|--------------------------------------------------------------------------------------------|-----------------------|-------------------|----------------------------------|---------------------------|----------------|-----------------------------------------------------------------------------------------|---------------------------------|-----------------------------|-----------------------------------------------------------------------------|
| LED | Wattage<br>5 = 5 Watts<br>5.5 = 5.5 Watts<br>8 = 8 Watts<br>11 = 11 Watts<br>15 = 15 Watts | Lamp Type<br>A19, A21 | DIM =<br>Dimmable | Direction<br>O = Omnidirectional | Bulb Finish<br>CL = Clear | CRI<br>9 = 90+ | Color Temperature<br>27 = 2700K<br>30 = 3000K<br>35 = 3500K<br>40 = 4000K<br>50 = 5000K | Lamp Life<br>13Y = 13 Year Life | TL = TruWave®<br>Technology | RP = 1PK Retail<br>RP2 = 2PK Retail<br>RP4 = 4PK Retail<br>RP6 = 6PK Retail |

## Ordering Information

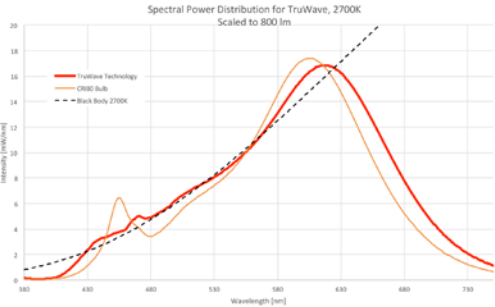
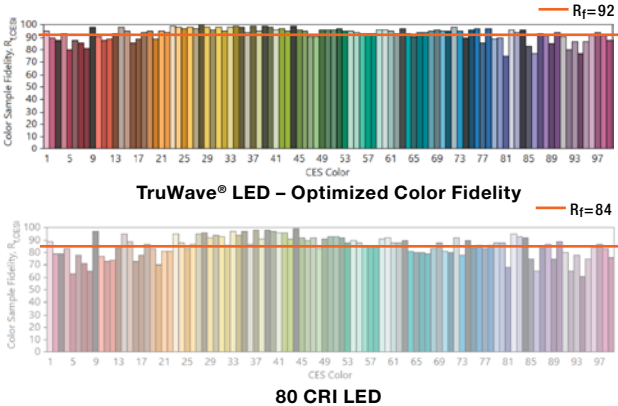
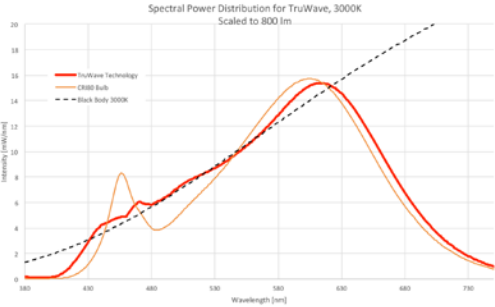
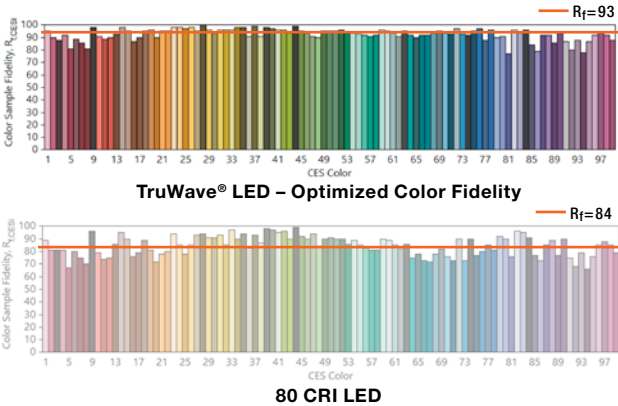
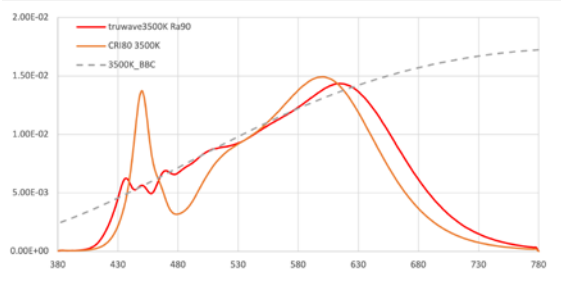
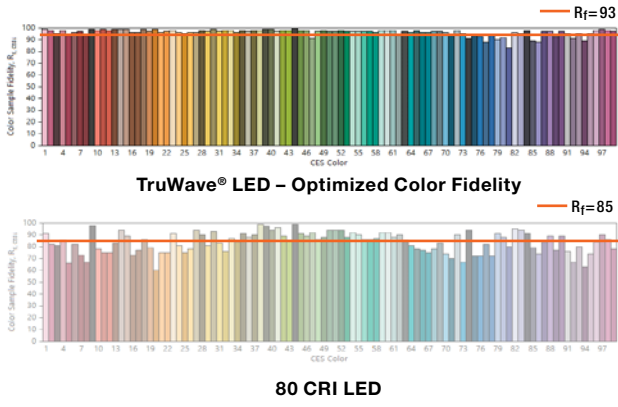
| Item Number | Ordering Abbreviation                 | Finish  | Power (W) | Base Type | Input Voltage | Average Life (hrs) | Typical Lumens (lm) | CCT   | CRI | LPW | Replaces (W) |
|-------------|---------------------------------------|---------|-----------|-----------|---------------|--------------------|---------------------|-------|-----|-----|--------------|
| 42098       | LED5A19DIMCL93513YTLRP4 16/CS 4/SKU   | Clear   | 5         | E26       | 120V          | 15,000             | 450                 | 3500K | 90+ | 90  | 40W          |
| 40686       | LED5.5A19DIMCL92713YTLRP4 16/CS 4/SKU | Clear   | 5.5       | E26       | 120V          | 15,000             | 450                 | 2700K | 90+ | 82  | 40W          |
| 40699       | LED5.5A19DIMCL92713YTLRP 6/CS 1/SKU   | Clear   | 5.5       | E26       | 120V          | 15,000             | 450                 | 2700K | 90+ | 82  | 40W          |
| 49826       | LED5.5A19DIMCL95013YTLRP4 16/CS 4/SKU | Clear   | 5.5       | E26       | 120V          | 15,000             | 450                 | 5000K | 90+ | 82  | 40W          |
| 40700       | LED8A19DIMCL92713YTLRP 6/CS 1/SKU     | Clear   | 8         | E26       | 120V          | 15,000             | 800                 | 2700K | 90+ | 100 | 60W          |
| 40687       | LED8A19DIMCL92713YTLRP4 16/CS 4/SKU   | Clear   | 8         | E26       | 120V          | 15,000             | 800                 | 2700K | 90+ | 100 | 60W          |
| 42099       | LED8A19DIMCL93513YTLRP4 16/CS 4/SKU   | Clear   | 8         | E26       | 120V          | 15,000             | 800                 | 3500K | 90+ | 100 | 60W          |
| 49827       | LED8A19DIMCL95013YTLRP4 16/CS 4/SKU   | Clear   | 8         | E26       | 120V          | 15,000             | 800                 | 5000K | 90+ | 100 | 60W          |
| 40701       | LED11A19DIMCL92713YTLRP 6/CS 1/SKU    | Clear   | 11        | E26       | 120V          | 15,000             | 1100                | 2700K | 90+ | 100 | 75W          |
| 40688       | LED11A19DIMCL92713YTLRP4 16/CS 4/SKU  | Clear   | 11        | E26       | 120V          | 15,000             | 1100                | 2700K | 90+ | 100 | 75W          |
| 42100       | LED11A19DIMCL93513YTLRP4 16/CS 4/SKU  | Clear   | 11        | E26       | 120V          | 15,000             | 1100                | 3500K | 90+ | 100 | 75W          |
| 40803       | LED11A19DIMCL95013YTLRP4 16/CS 4/SKU  | Clear   | 11        | E26       | 120V          | 15,000             | 1100                | 5000K | 90+ | 100 | 75W          |
| 40702       | LED15A21DIMCL92713YTLRP 6/CS 1/SKU    | Clear   | 15        | E26       | 120V          | 15,000             | 1600                | 2700K | 90+ | 107 | 100W         |
| 40754       | LED15A21DIMCL92713YTLRP2 8/CS 2/SKU   | Clear   | 15        | E26       | 120V          | 15,000             | 1600                | 2700K | 90+ | 107 | 100W         |
| 40689       | LED15A21DIMCL92713YTLRP4 16/CS 4/SKU  | Clear   | 15        | E26       | 120V          | 15,000             | 1600                | 2700K | 90+ | 107 | 100W         |
| 42101       | LED15A21DIMCL93513YTLRP4 16/CS 4/SKU  | Clear   | 15        | E26       | 120V          | 15,000             | 1600                | 3500K | 90+ | 107 | 100W         |
| 40875       | LED15A21DIMCL95013YTLRP4 16/CS 4/SKU  | Clear   | 15        | E26       | 120V          | 15,000             | 1600                | 5000K | 90+ | 107 | 100W         |
| 49828       | LED15A21DIMCL95013YTLRP2 8/CS 2/SKU   | Clear   | 15        | E26       | 120V          | 15,000             | 1600                | 5000K | 90+ | 107 | 100W         |
| 41296       | LED5A19DIMO93513YTLRP4 16/CS 4/SKU    | Frosted | 5         | E26       | 120V          | 15,000             | 450                 | 3500K | 90+ | 82  | 40W          |
| 40724       | LED5.5A19DIMO92713YTLRP 6/CS 1/SKU    | Frosted | 5.5       | E26       | 120V          | 15,000             | 450                 | 2700K | 90+ | 82  | 40W          |
| 40668       | LED5.5A19DIMO92713YTLRP4 16/CS 4/SKU  | Frosted | 5.5       | E26       | 120V          | 15,000             | 450                 | 2700K | 90+ | 82  | 40W          |
| 41150       | LED5.5A19DIMO93013YTLRP 6/CS 1/SKU    | Frosted | 5.5       | E26       | 120V          | 15,000             | 450                 | 3000K | 90+ | 82  | 40W          |
| 41212       | LED5.5A19DIMO93513YTLRP 6/CS 1/SKU    | Frosted | 5.5       | E26       | 120V          | 15,000             | 450                 | 3500K | 90+ | 82  | 40W          |
| 41143       | LED5.5A19DIMO94013YTLRP 6/CS 1/SKU    | Frosted | 5.5       | E26       | 120V          | 15,000             | 450                 | 4000K | 90+ | 82  | 40W          |
| 40725       | LED5.5A19DIMO95013YTLRP 6/CS 1/SKU    | Frosted | 5.5       | E26       | 120V          | 15,000             | 450                 | 5000K | 90+ | 82  | 40W          |
| 40669       | LED5.5A19DIMO95013YTLRP4 16/CS 4/SKU  | Frosted | 5.5       | E26       | 120V          | 15,000             | 450                 | 5000K | 90+ | 82  | 40W          |
| 40671       | LED8A19DIMO92713YTLRP 6/CS 1/SKU      | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 2700K | 90+ | 100 | 60W          |
| 40670       | LED8A19DIMO92713YTLRP4 16/CS 4/SKU    | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 2700K | 90+ | 100 | 60W          |
| 40748       | LED8A19DIMO92713YTLRP6 18/CS 6/SKU    | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 2700K | 90+ | 100 | 60W          |
| 40813       | LED8A19DIMO92713YTLRP6W0 6/CS 6/SKU   | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 2700K | 90+ | 100 | 60W          |
| 41151       | LED8A19DIMO93013YTLRP 6/CS 1/SKU      | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 3000K | 90+ | 100 | 60W          |
| 41211       | LED8A19DIMO93513YTLRP 6/CS 1/SKU      | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 3500K | 90+ | 100 | 60W          |
| 41295       | LED8A19DIMO93513YTLRP4 16/CS 4/SKU    | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 3500K | 90+ | 100 | 60W          |
| 41142       | LED8A19DIMO94013YTLRP 6/CS 1/SKU      | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 4000K | 90+ | 100 | 60W          |
| 40673       | LED8A19DIMO95013YTLRP 6/CS 1/SKU      | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 5000K | 90+ | 100 | 60W          |
| 40672       | LED8A19DIMO95013YTLRP4 16/CS 4/SKU    | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 5000K | 90+ | 100 | 60W          |
| 49824       | LED8A19DIMO95013YTLRP6 18/CS 6/SKU    | Frosted | 8         | E26       | 120V          | 15,000             | 800                 | 5000K | 90+ | 100 | 60W          |
| 40726       | LED11A19DIMO92713YTLRP 6/CS 1/SKU     | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 2700K | 90+ | 100 | 75W          |
| 40662       | LED11A19DIMO92713YTLRP4 16/CS 4/SKU   | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 2700K | 90+ | 100 | 75W          |
| 40750       | LED11A19DIMO92713YTLRP2 8/CS 2/SKU    | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 2700K | 90+ | 100 | 75W          |
| 41152       | LED11A19DIMO93013YTLRP 6/CS 1/SKU     | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 3000K | 90+ | 100 | 75W          |
| 41213       | LED11A19DIMO93513YTLRP 6/CS 1/SKU     | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 3500K | 90+ | 100 | 75W          |
| 41297       | LED11A19DIMO93513YTLRP4 16/CS 4/SKU   | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 3500K | 90+ | 100 | 75W          |
| 41144       | LED11A19DIMO94013YTLRP 6/CS 1/SKU     | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 4000K | 90+ | 100 | 75W          |
| 40727       | LED11A19DIMO95013YTLRP 6/CS 1/SKU     | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 5000K | 90+ | 100 | 75W          |
| 40663       | LED11A19DIMO95013YTLRP4 16/CS 4/SKU   | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 5000K | 90+ | 100 | 75W          |
| 40751       | LED11A19DIMO95013YTLRP2 8/CS 2/SKU    | Frosted | 11        | E26       | 120V          | 15,000             | 1100                | 5000K | 90+ | 100 | 75W          |
| 40665       | LED15A21DIMO92713YTLRP 6/CS 1/SKU     | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 2700K | 90+ | 107 | 100W         |
| 40752       | LED15A21DIMO92713YTLRP2 8/CS 2/SKU    | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 2700K | 90+ | 107 | 100W         |
| 40664       | LED15A21DIMO92713YTLRP4 16/CS 4/SKU   | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 2700K | 90+ | 107 | 100W         |
| 41149       | LED15A21DIMO93013YTLRP 6/CS 1/SKU     | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 3000K | 90+ | 107 | 100W         |
| 41187       | LED15A21DIMO93513YTLRP 6/CS 1/SKU     | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 3500K | 90+ | 107 | 100W         |
| 41294       | LED15A21DIMO93513YTLRP4 16/CS 4/SKU   | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 3500K | 90+ | 107 | 100W         |
| 41137       | LED15A21DIMO94013YTLRP 6/CS 1/SKU     | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 4000K | 90+ | 107 | 100W         |
| 40753       | LED15A21DIMO95013YTLRP2 8/CS 2/SKU    | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 5000K | 90+ | 107 | 100W         |
| 40667       | LED15A21DIMO95013YTLRP 6/CS 1/SKU     | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 5000K | 90+ | 107 | 100W         |
| 40666       | LED15A21DIMO95013YTLRP4 16/CS 4/SKU   | Frosted | 15        | E26       | 120V          | 15,000             | 1600                | 5000K | 90+ | 107 | 100W         |

Physical Information

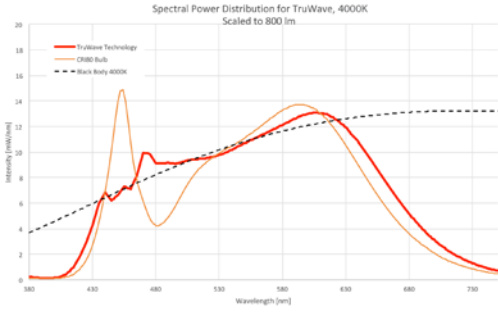
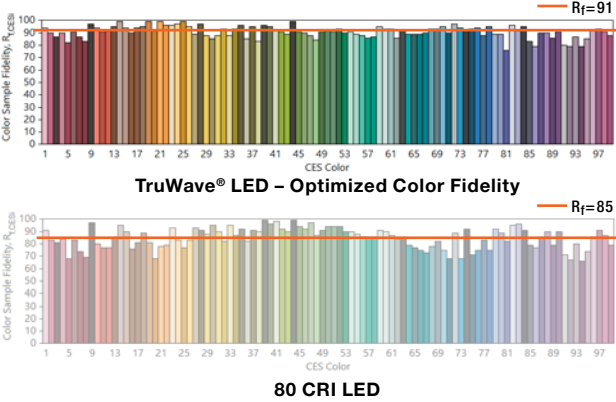
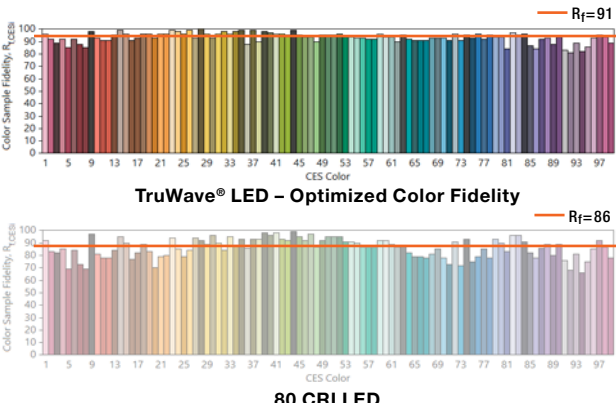
|     | (A)<br>Height<br>inches (mm) | (B)<br>Diameter<br>inches (mm) |
|-----|------------------------------|--------------------------------|
| A19 | 4.05 (103)                   | 2.36 (60)                      |
| A21 | 4.57 (116)                   | 2.64 (67)                      |



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

