

# ULTRA LED™ Filament Lamps



Rated up to 15,000 hours at 70% lumen maintenance, SYLVANIA ULTRA LED filament lamps offer years of service and reduce energy and maintenance costs. SYLVANIA ULTRA LED filament lamps are environmentally preferred products. They are RoHS compliant and contain no mercury, lead or other hazardous materials. They emit no UV or IR radiation. A CRI of 80 ensures good color definition and with warm white 2700K color temperature, these lamps can be used in many applications in both homes and businesses.

## Key Features & Benefits

- Full glass design
- Dimmable
- Long life: up to 15,000 hours (L<sub>70</sub>)
- UV and IR free
- Mercury and lead free
- RoHS compliant
- Suitable for damp locations
- Suitable for use in totally enclosed fixtures
- Reduces energy consumption up to 90%
- Last up to 15 times longer than incandescent lamps
- No warm-up time, instant-on with full light output and stable color



## Product Offering

| Ordering Abbreviation | Wattage | Color Temperature | Typical Lumens |
|-----------------------|---------|-------------------|----------------|
| LEDA15                | 4.5     | 2700K             | 450/470        |
| LEDA19                | 4.5     | 2700K             | 450            |
| LEDA19                | 6.5     | 2700K             | 800            |
| LEDB10                | 1.6     | 2700K/5000K       | 100            |
| LEDB10                | 2.5     | 2700K/5000K       | 200            |
| LEDB10                | 3.5     | 2700K/5000K       | 350            |
| LEDB10                | 4.5     | 2700K/5000K       | 400/450        |
| LEDB10                | 5       | 2700K/5000K       | 500            |
| LEDG25                | 4.5     | 2700K             | 450            |
| LEDST19               | 4.5     | 2700K             | 450            |
| LEDST19               | 6.5     | 2700K             | 800            |
| LED3.5G16.5           | 3.5     | 2700K             | 350            |

## Application Information

### Applications

- Chandelier
- Downlights
- Pendant fixtures
- Table lamps
- Vanity fixtures
- Wall sconces

### Market Segments

- Hospitality
- Residential
- Retail

### Application Notes

1. Operating temperature range between -20°C and +45°C (-4°F and + 113°F)
2. Not for use with emergency light fixtures or exit lights
3. Suitable for damp locations – not for use where directly exposed to water
4. Suitable for totally enclosed fixtures

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).



Specification Data

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

Ordering Information

| Item Number | Ordering Abbreviation                  | Input Wattage (W) | Bulb Shape | Base Type  | Replaces | Input Voltage (V) | Average Rated Life (hrs.) | CCT  | Typical Lumens (lm) | CRI | Bulb Finish | ENERGY STAR® |
|-------------|----------------------------------------|-------------------|------------|------------|----------|-------------------|---------------------------|------|---------------------|-----|-------------|--------------|
| 74410       | LED4.5A15827FIL 6/CS 1/SKU             | 4.5               | NA         | Medium     | 40W      | 120               | 15,000                    | 2700 | 450                 | 80  | Clear       | Yes          |
| 74695       | LED4.5A15CDIM827FILBL 5/CS 1/SKU       | 4.5               | NA         | Candelabra | 40W      | 120               | 15,000                    | 2700 | 470                 | 80  | Clear       | No           |
| 74414       | LED4.5A19DIM827FIL 6/CS 1/SKU          | 4.5               | NA         | Medium     | 40W      | 120               | 15,000                    | 2700 | 450                 | 80  | Clear       | Yes          |
| 74591       | LED6.5A19DIM827FILG2RP 6/CS 1/SKU      | 6.5               | NA         | Medium     | 60W      | 120               | 15,000                    | 2700 | 800                 | 80  | Clear       | No           |
| 79587       | LED1.6B10CBLUNT827FIL 6/CS 1/SKU       | 1.6               | Blunt Tip  | Candelabra | 15W      | 120               | 15,000                    | 2700 | 100                 | 80  | Clear       | No           |
| 70945       | LED1.6B10CBENT827FILRP2 10/CS 2/SKU    | 1.6               | Bent Tip   | Candelabra | 15W      | 120               | 15,000                    | 2700 | 100                 | 80  | Clear       | No           |
| 79592       | LED1.6B10CBENT850FILRP2 10/CS 2/SKU    | 1.6               | Bent Tip   | Candelabra | 15W      | 120               | 15,000                    | 5000 | 100                 | 80  | Clear       | No           |
| 79595       | LED2.5B10CBENTDIM827FILRP2 10/CS 2/SKU | 2.5               | Bent Tip   | Candelabra | 25W      | 120               | 15,000                    | 2700 | 200                 | 80  | Clear       | No           |
| 79606       | LED2.5B10CBENTDIM850FILRP2 10/CS 2/SKU | 2.5               | Bent Tip   | Candelabra | 25W      | 120               | 15,000                    | 5000 | 200                 | 80  | Clear       | No           |
| 70939       | LED3.5B10CBENTDIM850FILRP2 10/CS 2/SKU | 3.5               | Bent Tip   | Candelabra | 40W      | 120               | 15,000                    | 5000 | 350                 | 80  | Clear       | No           |
| 70940       | LED4.5B10BENTDIM850FILRP2 10/CS 2/SKU  | 4.5               | Bent Tip   | Medium     | 40W      | 120               | 15,000                    | 5000 | 400                 | 80  | Clear       | Yes          |
| 79518       | LED4.5B10BLUNTDIM827FILRP 5/CS 1/SKU   | 4.5               | Blunt Tip  | Medium     | 40W      | 120               | 15,000                    | 2700 | 450                 | 80  | Clear       | Yes          |
| 79521       | LED4.5B10CBLUNT827FIL 6/CS 1/SKU       | 4.5               | Blunt Tip  | Candelabra | 40W      | 120               | 15,000                    | 2700 | 450                 | 80  | Clear       | No           |
| 70942       | LED4.5B10BENTDIM827FILRP2 10/CS 2/SKU  | 4.5               | Bent Tip   | Medium     | 40W      | 120               | 15,000                    | 2700 | 400                 | 80  | Clear       | Yes          |
| 70941       | LED3.5B10CBENTDIM827FILRP2 10/CS 2/SKU | 3.5               | Bent Tip   | Candelabra | 40W      | 120               | 15,000                    | 2700 | 350                 | 80  | Clear       | No           |
| 79610       | LED5B10BENTDIM827FILRP2 10/CS 2/SKU    | 5                 | Bent Tip   | Medium     | 60W      | 120               | 15,000                    | 2700 | 500                 | 80  | Clear       | No           |
| 79617       | LED5B10BENTDIM850FILRP2 10/CS 2/SKU    | 5                 | Bent Tip   | Medium     | 60W      | 120               | 15,000                    | 5000 | 500                 | 80  | Clear       | No           |
| 79766       | LED5B10CBENTDIM827FILBL2 12/CS 2/SKU   | 5                 | Bent Tip   | Candelabra | 60W      | 120               | 15,000                    | 2700 | 500                 | 80  | Clear       | No           |
| 79616       | LED5B10CBENTDIM850FILRP2 10/CS 2/SKU   | 5                 | Bent Tip   | Candelabra | 60W      | 120               | 15,000                    | 5000 | 500                 | 80  | Clear       | No           |
| 74587       | LED4.5G25DIM827FILG2RP 6/CS 1/SKU      | 4.5               | NA         | Medium     | 40W      | 120               | 15,000                    | 2700 | 450                 | 80  | Clear       | Yes          |
| 74588       | LED4.5ST19DIM827FILG2RP 6/CS 1/SKU     | 4.5               | NA         | Medium     | 40W      | 120               | 15,000                    | 2700 | 450                 | 80  | Clear       | Yes          |
| 74589       | LED6.5ST19DIM827FILG2RP 6/CS 1/SKU     | 6.5               | NA         | Medium     | 60W      | 120               | 15,000                    | 2700 | 800                 | 80  | Clear       | No           |
| 75319       | LED3.5G16.5CDIM827FILRP 6/CS 1/SKU     | 3.5               | NA         | Candelabra | 40W      | 120               | 15,000                    | 2700 | 350                 | 80  | Clear       | No           |

Ordering Guide

| LED       | 6.5     | A19           | / | DIM      | / | 8      | 27        | / | FIL      |
|-----------|---------|---------------|---|----------|---|--------|-----------|---|----------|
| LED Lamps | Wattage | Lamp Type A19 |   | Dimmable |   | CRI 80 | CCT 2700K |   | Filament |

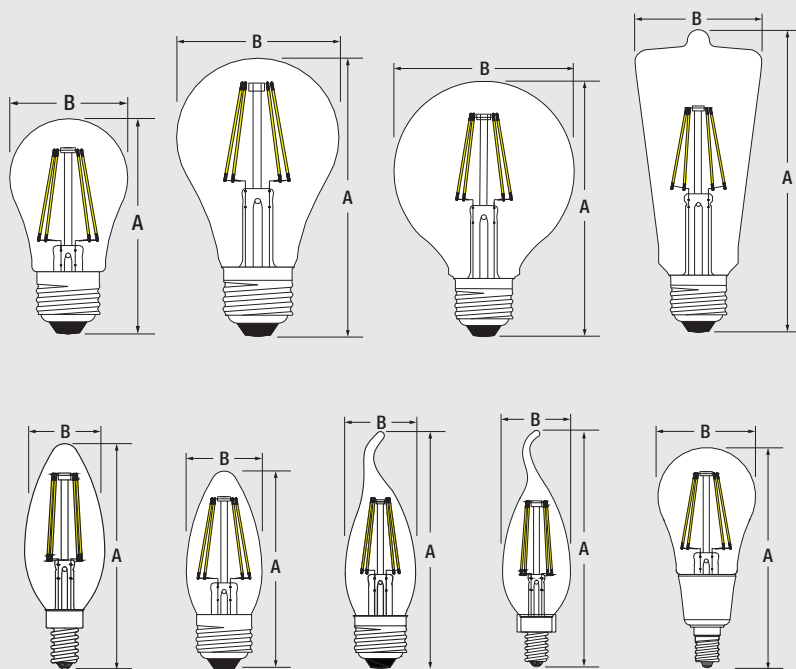
Energy Savings

| Basic Product Description | LED Life (hrs.) | LED Lumens | Similar Incandescent | Incandescent Life (hrs.) | Watts Saved | Energy Savings* | LED Life vs. Incandescent |
|---------------------------|-----------------|------------|----------------------|--------------------------|-------------|-----------------|---------------------------|
| LED4.5A15                 | 15,000          | 450        | 40W Incandescent     | 1000                     | 35.5        | \$58            | 15x                       |
| LED4.5A19                 | 15,000          | 450        | 40W Incandescent     | 1500                     | 35.5        | \$58            | 10x                       |
| LED6.5 A19                | 15,000          | 800        | 60W Incandescent     | 1000                     | 53.5        | \$88            | 15x                       |
| LED4.5B10                 | 15,000          | 450        | 60W Incandescent     | 1500                     | 55          | \$90            | 10x                       |
| LED3.5G16.5               | 15,000          | 350        | 40W Incandescent     | 1500                     | 36.5        | \$60            | 10x                       |
| LED4.5G25                 | 15,000          | 470        | 40W Incandescent     | 1500                     | 35.5        | \$58            | 10x                       |
| LED4.5ST                  | 15,000          | 470        | 40W Incandescent     | 1500                     | 35.5        | \$58            | 10x                       |
| LED6.5 ST                 | 15,000          | 800        | 60W Incandescent     | 1000                     | 53.5        | \$88            | 15x                       |

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

## Lamp Dimensions

|              | (A)<br>MOL<br>(inches) | (B)<br>Diameter<br>(inches) |
|--------------|------------------------|-----------------------------|
| LEDA15       | 3.38                   | 1.88                        |
| LEDA15C      | 3.48                   | 1.85                        |
| LEDA19       | 4.13                   | 2.36                        |
| LEDG25       | 4.44                   | 3.14                        |
| LEDST        | 5.43                   | 2.28                        |
| LEDB10       | 4.33                   | 1.37                        |
| LEDB10CBLUNT | 3.90                   | 1.38                        |
| LEDB10CBENT  | 4.68                   | 1.38                        |
| LED16.5      | 3.22                   | 1.96                        |



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