

# 4" Sunset Dimming LED Baffle Insert

ELCO Lighting's inserts are engineered with energy-efficient LED technology that produces even illumination with an incredible 90+ CRI. Designed to be used for New Construction, Remodel, and Retrofit applications, these inserts are rated for a life of 50,000 hours, and meet the Title 24 and Energy Star requirements. Suitable for IC and Non-IC housings manufactured by ELCO or others.



## Features

- Dims from a bright 3000K to a warm 1800K
- Fits ELCO 4" Dedicated LED Recessed Housings. Not for use in shallow housings.
- Includes Medium Base Adapter (PSA30) for retrofitting existing E26 Base housings.
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation.
- Deep set LED trim reduces glare while providing area illumination.
- Energy Star Certified.
- Title 24 JA8-2019 Compliant.
- Life span of 50,000 hours L70

## Specifications

|                     |           |
|---------------------|-----------|
| <b>Wattage</b>      | 10W       |
| <b>Lumens</b>       | 700 lm    |
| <b>Voltage</b>      | 120V      |
| <b>Color Temp.</b>  | SunsetK   |
| <b>Dimmable</b>     | Triac/ELV |
| <b>Lamp Type</b>    | LED       |
| <b>Beam Angle</b>   | 90°       |
| <b>CRI</b>          | 90+       |
| <b>Wet Location</b> | Listed    |

## Options



White



Bronze

## Technical Details

**Optics:** Frosted polycarbonate lens diffuses light evenly throughout while reducing glare with LED Array technology.

**Construction:** For use in IC and non-IC housings. Spun Aluminum for greater heat dissipation. High quality powder coat finish preventing rust and paint cracking.

**Installation:** Includes PSA30 medium base adapter for retrofitting existing housings. Quick connect for use with ELCO housings EL490ICA, EL490RICA, EL492ICA, EL492RICA, EL48FICA. PSA30 (Medium Base Socket adapter) allows for use with EL99ICA, EL99RICA, EL99FICA, EL99A, EL99RA. PSA31 (GU10 Socket Adapter, not included) allows for use with EL49ICA, EL49A, EL49RA. PSA35 (GU24 Socket Adapter, not included) allows for use with EL99ICA-G24, EL99RICA-G24. Can be used in IC and non-IC housings.

**Electrical:** Driver connects to 120V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

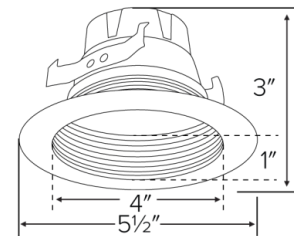
**LED Technology:** Extremely accurate color rendering with 90+ CRI. Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing integral heat sink. Instant On to Full Brightness. No LED pixelation.

**Sunset:** Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

**Dimmability:** Works with 120V Triac and ELV type dimmers. Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List. Industry leading dimming. Dims smoothly with no hot spots or flickering.

**Listings:** cUL Listed for Wet Location. RoHS Compliant. ENERGY STAR® Certified. Title 24 JA8-2019 Compliant

## Dimensions



## Product Numbers

| Item      | Lamp type | Lumens | CCT     | Watts | Voltage | Dimming   | Beam Angle | Finish     |
|-----------|-----------|--------|---------|-------|---------|-----------|------------|------------|
| EL410SDW  | LED       | 700 lm | SunsetK | 10W   | 120V    | Triac/ELV | 90°        | All White  |
| EL410SDBZ | LED       | 700 lm | SunsetK | 10W   | 120V    | Triac/ELV | 90°        | All Bronze |

**Warranty:** ELCO Products are built to last with a 5-year Limited Warranty.

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## Product Number Builder Example: EL410SDW

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4" Sunset Dimming LED Baffle Insert

Finish

**EL410SD**

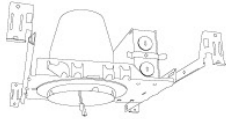
**W** All White

**BZ** All Bronze

# Compatible Products

For use with 4" Sunset Dimming LED inserts

## 4" Dedicated LED ICA Housings



4" ICA Housing  
New Construction



4" ICA Housing  
Remodel



4" ICA 2-Hour Fire Rated Housing  
New Construction

| CAT NO.      | SPECIFICATIONS                         |
|--------------|--|
| EL490ICA     |  |
| EL490ICA-7   | 277V                                   |
| EL490ICA-EM5 | Emergency Battery Back-up (90 minutes) |

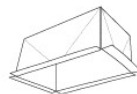
| CAT NO.   | SPECIFICATIONS |
|-----------|----------------|
| EL490RICA | 5 1/2" Height  |

| CAT NO.  | SPECIFICATIONS              |
|----------|-----------------------------|
| EL48FICA | 6 7/8" Height - Sound Rated |

## 4" Accessories



Fire Cover



Fire Enclosure



Mica Fire Tape

| CAT NO. | SPECIFICATIONS      |
|---------|---------------------|
| FIRECVR | 9 3/4" H x 17" O.D. |

| CAT NO.    | SPECIFICATIONS             |
|------------|----------------------------|
| FIREENCL   | 20 3/8" L x 14 3/8" W      |
| FIREENCL-S | Shallow, 16" L x 14 3/8" W |

| CAT NO.  | SPECIFICATIONS |
|----------|----------------|
| FIRETAPE | 3/4" W x 16' L |



Socket Adapter



Socket Adapter

| CAT NO. | SPECIFICATIONS        |
|---------|-----------------------|
| PSA30   | Medium Base Connector |

| CAT NO. | SPECIFICATIONS                   |
|---------|----------------------------------|
| PSA31   | GU10 to ideal terminal connector |



**ELCO Lighting**

# Dimmer Compatibility Chart 4" LED Inserts

For EL141 Series, EL410SD, EL415SD, EL41230, EL417 Series, EL495 Series, EL415CT5, EL427CT5, EL460CT5, EL475CT5, and ELJ42230

### For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

| Manufacturer | Product  | Part Number | Dimmed Light Output Range |
|--------------|--|-------------|---------------------------|
| Lutron       | Diva, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way                                    | DVCL-153P   | 10% - 100%                |
|              | Diva, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way                                    | DVCL-153PR  | 10% - 100%                |
|              | Diva® 250W Single Pole/3-Way Dimmer  | DVCL-253P   | 10% - 100%                |
|              | Maestro, 120V AC, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application       | MA-PRO      | 10% - 100%                |
|              | Maestro, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way                              | MACL-153MLH | 10% - 100%                |
|              | Maestro, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way                              | MACL-153M   | 10% - 100%                |
|              | Maestro Wireless, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application | MRF2S-6CL   | 10% - 100%                |
|              | Caseta, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, Multi-Location, Indoor Application  | P-PKG1W     | 10% - 100%                |
|              | Caseta Wireless, 120V AC, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way                   | PD-6WCL     | 10% - 100%                |
|              | Radora, 120V AC, 50/60Hz, 600W Incandescent/Halogen, Single Pole, Indoor Application                             | RRD-6ND     | 10% - 100%                |
|              | Radora 2, 120V, 50/60Hz, 250W LED/CFL, 500W Incandescent/Halogen, Single Pole/Multi-Location, Indoor Application | RRD-PRO     | 10% - 100%                |
|              | Skylark® C-L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen  | SCL-153P    | 10% - 100%                |
|              | Sunnata, 120V AC, 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application        | STCL-153PH  | 10% - 100%                |
| Leviton      | SureSlide Decora, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent, Single Pole, 3-Way                             | 6674        | 10% - 100%                |
|              | Decora, 120V AC, 60Hz, 300W LED/CFL, 600W Incandescent, Single Pole, 3-Way                                       | DSL06       | 10% - 100%                |
|              | Decora, 120V AC, 60Hz, 300W LED/CFL, 600W Incandescent, Single Pole, 3-Way                                       | DW6HD       | 10% - 100%                |
|              | Universal Rotary, 120V AC, 60Hz, 300W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way                     | RNL06       | 10% - 100%                |
| Legrand      | 120V AC, 60Hz, 450/700W Incandescent, LED/CFL, Single Pole, 3-Way  | RHCL-453P   | 10% - 100%                |
| Kasa         | 120VAC, 60Hz, 150W LED, 300W Incandescent, Single Pole, Indoor Application                                       | HS220       | 10% - 100%                |

**\*NOTE: Refer to dimmer manufacturer’s documentation for installation instructions and circuit details**

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.



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