

# 6" Sloped Ceiling LED Baffle Insert with 5-CCT Switch

Sloped Ceiling LED inserts feature an integral gimbal for  $\pm 25^\circ$  adjustability. Compatible with most incandescent and electronic low voltage dimmers.



## Features

- Sloped Ceiling LED Inserts feature an integral gimbal for  $\pm 25^\circ$  adjustability.
- Compatible with most incandescent and electronic low voltage dimmers.
- ENERGY STAR® Certified. California Title 24 (JA8-2016-E).
- Life Span: 50,000 hours L70.

## Specifications

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Wattage</b>       | 18W                               |
| <b>Lumens</b>        | 1200 lm                           |
| <b>Voltage</b>       | 120V                              |
| <b>Color Temp.</b>   | 2700K, 3000K, 3500K, 4000K, 5000K |
| <b>Dimmable</b>      | Triac/ELV                         |
| <b>Lamp Type</b>     | LED                               |
| <b>CRI</b>           | 90+                               |
| <b>Damp Location</b> | Listed                            |

## Options



## Technical Details

**Optics:** LED light engine has frosted polycarbonate lens with reflector to diffuse light evenly throughout while reducing glare.

**Construction:** Deep phenolic baffle trim with torsion springs to be held into the housing. High quality powder coat finish preventing rust and paint cracking on metal parts. Integral gimbal allows for  $25^\circ$  adjustability to match slope.

**Installation:** Designed to install into ELCO 6" Sloped ceiling housing with torsion springs brackets. For retrofitting other manufacturers sloped ceiling cans always test the product to ensure proper fit and function.

### Electrical:

- Driver connects to 120VAC power supply.
- High efficiency, high power factor > 0.9 driver.

### LED Technology:

- 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 aluminum diecast heat sink.

**Housings:** Compatible with EL970ICA, EL970RICA.

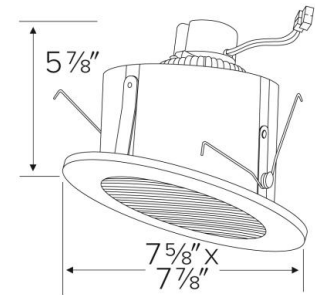
### Dimmability:

- Dimmable with most standard TRIAC and ELV type dimmers.
- Dimming range of 100% down to 10%. Dimming range may vary depending on dimmer model.
- For full list of dimmers refer to the Dimmer Compatibility List.

### Listings:

- UL Listed for Damp Location.

## Dimensions



## Product Number

| Item      | Lamp type | Lumens  | CCT                               | Watts | Voltage | Dimming   | Finish    |
|-----------|-----------|---------|-----------------------------------|-------|---------|-----------|-----------|
| EL714CT5W | LED       | 1200 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 18W   | 120V    | Triac/ELV | All White |

- ENERGY STAR® Certified.
- California Title 24 (JA8-2016-E).

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

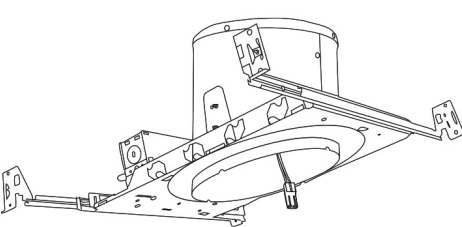
# Product Number Builder

Example: **EL713CT5W**

| ELCO 6" Sloped Ceiling LED Inserts | Wattage                                       | Color Temp.                  | Finish                                                                                      |
|------------------------------------|-----------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------|
| <div>EL71</div>                    | <div><div>3 12.5W</div><div>4 15W</div></div> | <div>CT5 2700K - 5000K</div> | <div><div>W All White</div><div>B Black with White Trim</div><div>BZ All Bronze</div></div> |

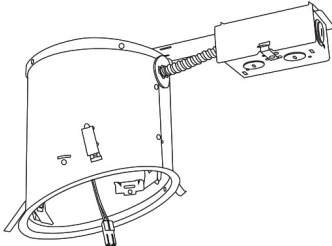
For use with **6" LED Sloped Inserts**

## 6" Dedicated LED Sloped Ceiling IC Housings



6" LED Sloped Housing  
**New Construction**

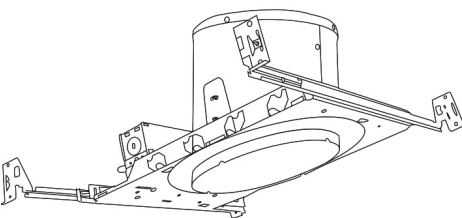
| CAT NO.  | SPECIFICATIONS |
|----------|----------------|
| EL970ICA | 24W Max.       |



6" LED Sloped Housing  
**Remodel**

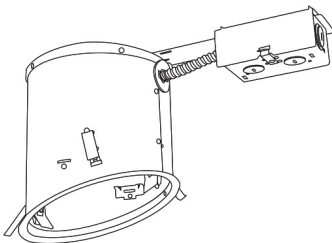
| CAT NO.   | SPECIFICATIONS |
|-----------|----------------|
| EL970RICA | 24W Max.       |

## 6" E26 Base Sloped Ceiling Housings



6" E26 Medium Base Sloped Housing  
**New Construction**

| CAT NO.  | SPECIFICATIONS |
|----------|----------------|
| EL918ICA | 75W Max.       |



6" E26 Medium Base Sloped Housing  
**Remodel**

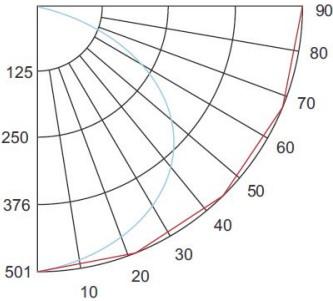
| CAT NO.   | SPECIFICATIONS |
|-----------|----------------|
| EL918RICA | 75W Max.       |



**PSA30**  
Medium base to Ideal terminal connector

PHOTOMETRIC REPORT

Product #: EL71430  
Wattage/Lumens: 17.2W/ 1210 Lm  
Luminaire LPW: 70 Lm/W



CANDLE POWER SUMMARY

| Degrees Vertical | 0°  |
|------------------|-----|
| 0                | 494 |
| 5                | 500 |
| 15               | 495 |
| 25               | 469 |
| 35               | 425 |
| 45               | 362 |
| 55               | 273 |
| 65               | 155 |
| 75               | 50  |
| 85               | 19  |
| 90               | 9   |

ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Footcandles Beam Center | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 30.9                    | 10.0'         |
| 6'                       | 13.7                    | 15.0'         |
| 8'                       | 7.73                    | 20.0'         |
| 10'                      | 4.95                    | 25.0'         |

ZONAL LUMEN SUMMARY

| Zone  | Lumens  | % Luminaire |
|-------|---------|-------------|
| 0-30° | 384.64  | 31.80       |
| 0-40° | 628.94  | 52.00       |
| 0-60° | 1061.54 | 87.80       |
| 0-90° | 1205.84 | 99.70       |



**ELCO Lighting**

# Dimmer Compatibility Chart

## LED Sloped Ceiling

### 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 |
|--------------|-------------------------------------------------------------------------------------------|-------------|---------------------------|
| Eaton        | Decorator Single Pole/3-Way dimmer                                                        | DLC03P      | 10% - 100%                |
| Leviton      | Decora SureSlide® Single Pole Slide-To-Off w ith Optional Locator Light                   | 6631        | 10% - 100%                |
|              | Decora SureSlide® Single Pole/3-Way w ith Preset ON/OFF switch and Optional Locator Light | 6633        | 10% - 100%                |
|              | Universal Decora Dimmable LED, CFL and Incandescent SureSlide Slide Dimmer                | 6672        | 10% - 100%                |
|              | Decora SureSlide® Universal Dimmer                                                        | 6674        | 10% - 100%                |
| Lutron       | Skylark® Contour single pole, incandescent / halogen dimmer                               | CT-600P     | 10% - 100%                |
|              | Skylark® Contour 3-w ay, incandescent / halogen "eco-dim" dimmer                          | CT-603PG    | 5% - 85%                  |
|              | Diva® (gloss) single pole, incandescent / halogen, preset dimmer                          | DV-600P     | 10% - 100%                |
|              | Diva® (gloss) 3-w ay, incandescent / halogen, preset dimmer                               | DV-603P     | 10% - 100%                |
|              | Diva® (gloss) C•L single pole/3-w ay dimmer                                               | DVCL-153P   | 5% - 86%                  |
|              | Maestro® C•L single pole/3-w ay/multi-location dimmer                                     | MA CL-153M  | 10% - 100%                |
|              | Skylark® Series Dual Slide-to-Off dimmer                                                  | S-2         | 10% - 100%                |
|              | Skylark® single pole, incandescent/halogen, slide-to-off dimmer                           | S-600       | 10% - 100%                |
|              | Ariadni®/Toggler® Series 150W Single Pole/3-Way dimmer                                    | TGCL-153P   | 5% - 86%                  |

\*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.