

# 6" Sloped Ceiling LED Baffle Insert

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.

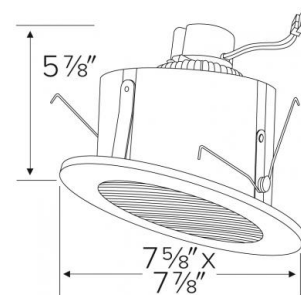
### Dimmability:

- 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.
- ENERGY STAR® Certified.

## Dimensions



## Product Number

| Item             | Lamp type | Lumens  | CCT                               | Watts | Voltage | Dimming   | Finish             |
|------------------|-----------|---------|-----------------------------------|-------|---------|-----------|--------------------|
| <b>EL714CT5B</b> | LED       | 1200 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 18W   | 120V    | Triac/ELV | Black w/White Ring |

- California Title 24 (JA8-2016-E).

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

## Product Number Builder Example: EL71327B

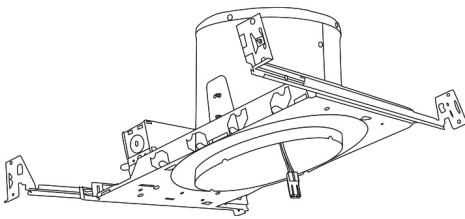
| ELCO 6" Sloped Ceiling LED Inserts | Wattage                      | Color Temp.                                                    | Finish                                               |
|------------------------------------|------------------------------|----------------------------------------------------------------|------------------------------------------------------|
| <b>EL71</b>                        |                              |                                                                |                                                      |
|                                    | <b>3</b> 15W<br><b>4</b> 18W | <b>27</b> 2700K<br><b>30</b> 3000K<br><b>CT5</b> 2700K - 5000K | <b>W</b> White<br><b>B</b> Black<br><b>BZ</b> Bronze |

## Compatible Products

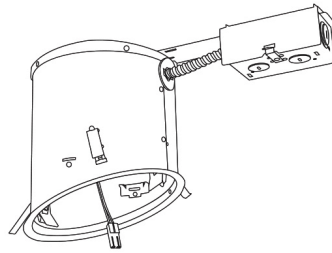
For use with **6" LED Sloped Inserts**



### 6" Dedicated LED Sloped Ceiling IC Housings



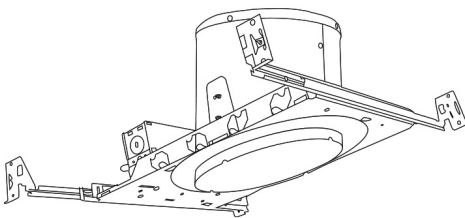
6" LED Sloped Housing  
**New Construction**



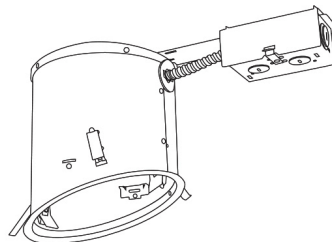
6" LED Sloped Housing  
**Remodel**

| CAT NO.  | SPECIFICATIONS | CAT NO.   | SPECIFICATIONS |
|----------|----------------|-----------|----------------|
| EL970ICA | 24W Max.       | EL970RICA | 24W Max.       |

### 6" E26 Base Sloped Ceiling Housings



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



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



**PSA30**  
Medium base to Ideal terminal connector

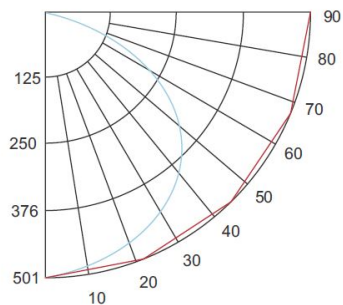
| CAT NO.  | SPECIFICATIONS | CAT NO.   | SPECIFICATIONS |
|----------|----------------|-----------|----------------|
| EL918ICA | 75W Max.       | EL918RICA | 75W Max.       |

# Sloped Ceiling LED Baffle Insert

Multiplier: 2700K (x 0.96)

## 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       |