

# 4" Sloped Ceiling LED Reflector Insert



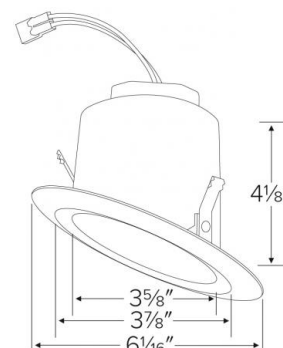
## Features

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

## Specifications

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Wattage</b>       | 12W                               |
| <b>Lumens</b>        | 900 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                            |

## Dimensions



## Technical Details

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

**Construction:** Deep 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 4" 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.

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

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

## Product Number

| Item             | Lamp type | Lumens | CCT                               | Watts | Voltage | Dimming   | Finish    |
|------------------|-----------|--------|-----------------------------------|-------|---------|-----------|-----------|
| <b>EL425CT5W</b> | LED       | 900 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 12W   | 120V    | Triac/ELV | All White |

Product Number Builder    Example: EL425CT5W

4" Sloped Ceiling LED Reflector Insert

EL425

Color Temp.

CT5 2700K - 5000K

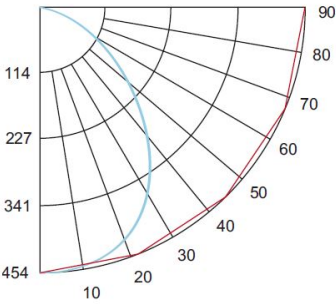
Finish

W All White

Sloped Ceiling LED Reflector Insert

PHOTOMETRIC REPORT

Product #: EL42530  
Wattage/Lumens: 14.7W/ 1010 Lm  
Luminaire LPW: 69 Lm/W



CANDLE POWER SUMMARY

| Degrees Vertical | 0°  |
|------------------|-----|
| 0                | 454 |
| 5                | 453 |
| 15               | 435 |
| 25               | 401 |
| 35               | 342 |
| 45               | 256 |
| 55               | 156 |
| 65               | 69  |
| 75               | 26  |
| 85               | 7.4 |
| 90               | 1.2 |

ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Footcandles Beam Center | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 28.4                    | 8.9'          |
| 6'                       | 12.6                    | 13.3'         |
| 8'                       | 7.10                    | 17.8'         |
| 10'                      | 4.54                    | 22.2'         |

ZONAL LUMEN SUMMARY

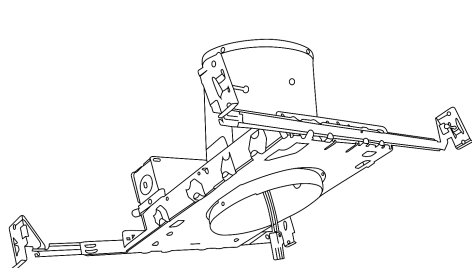
| Zone  | Lumens  | % Luminaire |
|-------|---------|-------------|
| 0-30° | 350.38  | 34.70       |
| 0-40° | 563.53  | 55.80       |
| 0-60° | 899.83  | 89.10       |
| 0-90° | 1007.27 | 99.80       |

# Compatible Products

For use with **4" LED Sloped Inserts**

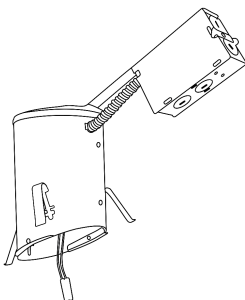
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## 4" Dedicated LED Sloped Ceiling IC Housings



**New Construction Sloped Housing**

| CAT NO.  | SPECIFICATIONS |
|----------|----------------|
| EL470ICA | 14W Max.       |



**Remodel Sloped Housing**

| CAT NO.   | SPECIFICATIONS |
|-----------|----------------|
| EL470RICA | 14W Max.       |