

# 4" LED Square Adjustable Gimbal Insert - EL446



ELCO Lighting's inserts are engineered with energy-efficient LED technology that produces even illumination with an incredible 93+ 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. The best green choice for simple residential lighting projects.

## Features

- Fits ELCO 4" Dedicated LED Recessed Housings.
- Die-Cast construction provides lasting durability.
- 25° Tilt, 358° rotation.
- CA Title 24, ENERGY STAR, JA8-2016-E.
- Life Span of 50,000 hours L70.

## Specifications

<b>Wattage</b>	9W
<b>Lumens</b>	620 lm - 640 lm
<b>Voltage</b>	120V
<b>Color Temp.</b>	2700K - 3000K
<b>Dimmable</b>	Triac/ELV
<b>Lamp Type</b>	LED
<b>Beam Angle</b>	60°
<b>CRI</b>	90+
<b>Power Factor</b>	>0.9
<b>Damp Location</b>	Listed

## Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle	Finish
<b>EL44627W</b>	LED	620 lm	2700K	9W	120V	Triac/ELV	60°	White
<b>EL44630W</b>	LED	640 lm	3000K	9W	120V	Triac/ELV	60°	White

## 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. Diecast construction for lasting quality and 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, EL49FICA. 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 93+ 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 pixellation.

**Dimmability:** Works with 120V Triac and ELV type dimmers . Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List.

**Listings:** UL Listed for Damp Location. RoHS Compliant. ENERGY STAR® Certified. California Title 24 JA8-2016-E.

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

## Product Number Builder Example: EL44627W

4" LED Square Adjustable Gimbal Insert

Color Temp.

Finish

**EL446**

**27** 2700K  
**30** 3000K

**W** White