

# 3" Round LED Adjustable Gimbal Insert

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.



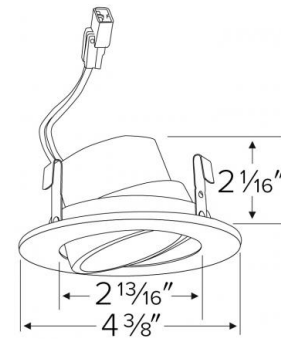
## Features

- Fits ELCO 3" Dedicated LED Recessed Housings for New Construction and Remodel.
- 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>	640 lm - 700 lm
<b>Voltage</b>	120V
<b>Color Temp.</b>	2700K, 3000K, 3500K - 3000K
<b>Dimmable</b>	Triac/ELV
<b>Lamp Type</b>	LED
<b>CRI</b>	93+
<b>Damp Location</b>	Listed

## Dimensions



## 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:** Quick connect for use with ELCO housings EL390ICA, EL390RICA, EL39FICA.

**Electrical:** Driver connects to 120V power supply. High Efficiency driver with a power factor > 0.9.

### 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 pixelation.

**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 Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
<b>EL31330W</b>	LED	640 lm	3000K	9W	120V	Triac/ELV	White
<b>EL313CT3W</b>	LED	700 lm	2700K, 3000K, 3500K	9W	120V	Triac/ELV	White

# Product Number Builder

Example: **EL31330W**

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ELCO 3" Round Gimbal Insert

**EL313**

Color Temp.

**30** 3000K  
**CT3** 2700K, 3000K, 3500K

Finish

**W** White

# Compatible Products



For use with 3" LED inserts

## 3" Dedicated LED ICA Housings



3" ICA Maximum Adjustability Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL386ICA	Maximum Adjustability



3" ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL390ICA	
EL390ICA-7	277V
EL390ICA-EM5	Emergency Battery Back-up (90 minutes)



3" ICA Housing  
**Remodel**

CAT NO.	SPECIFICATIONS
EL390RICA	



2-Hour Fire Rated 3" ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL39FICA	7 1/2" Height - Sound Rated
EL39FICA-7	277V

## 3" Accessories



**Emergency Battery Backup**

CAT NO.	SPECIFICATIONS
KEM-LD5	8W, 120/277V



**Fire Cover**

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



**Fire Enclosure**

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



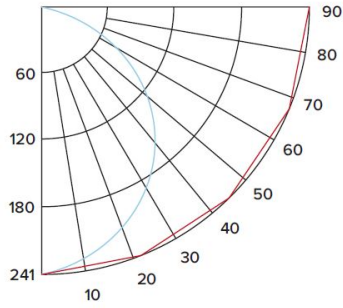
**Mica Fire Tape**

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

# LED Adjustable Gimbal Insert

## PHOTOMETRIC REPORT

Product #: EL31330  
 Wattage/Lumens: 8.8W/ 637 Lm  
 Luminaire LPW: 72 Lm/W



## CANDLE POWER SUMMARY

Degrees Vertical	0°
0	239
5	237
15	228
25	209
35	181
45	147
55	111
65	76
75	43
85	13
90	0.35

## ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	14.9	10.1'
6'	6.63	15.2'
8'	3.73	20.3'
10'	2.39	25.4'

## ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	181.98	28.60
0-40°	293.79	46.20
0-60°	502.65	79.00
0-90°	635.56	99.90