ELCO Lighting

Project name:

Fixture type:

Date:

3" Round LED Adjustable Pull Down 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

- Functions as downlight, wall wash or accent light.
- Great for lighting up artwork and spotlighting.
- Fits ELCO 3″ Dedicated LED Recessed Housings.
- Diecast construction provides lasting durability.
- Provides maximum adjustability of 65° tilt, 356° rotation.
- Energy Star Certified
- Title 24 JA8-2019 Compliant
- Life Span of 50,000 hours L70.

Specifications

Wattage	10.8W
Lumens	800 lm - 840 lm
Voltage	120V
Color Temp.	2700K - 3000K
Dimmable	Triac/ELV
Lamp Type	LED
Beam Angle	36°
CRI	93+
Damp Location	Listed

Options



White

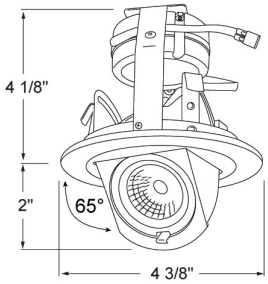


Bronze



Nickel

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 Maintaince 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:

- cUL Listed 1598 Luminaire.
- cUL Listed for Damp Location
- RoHS Compliant
- ENERGY STAR® Certified
- Title 24 JA8-2019 Compliant

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

Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle	Finish
EL39727BZ	LED	800 lm	2700K	10.8W	120V	Triac/ELV	36°	All Bronze
EL39727N	LED	800 lm	2700K	10.8W	120V	Triac/ELV	36°	Nickel
EL39730N	LED	840 lm	3000K	10.8W	120V	Triac/ELV	36°	Nickel
EL39727W	LED	800 lm	2700K	10.8W	120V	Triac/ELV	36°	All White
EL39730W	LED	840 lm	3000K	10.8W	120V	Triac/ELV	36°	All White

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Product Number Builder Example: **EL39727BZ**

ELCO 3" Round Pull-Down Insert	Color Temp.	Finish
EL397		
	27 2700K	**W** All White
	30 3000K	**BZ** All Bronze
		N All Nickel

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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

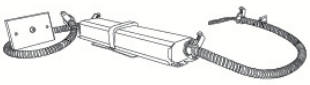
CAT NO.	SPECIFICATIONS
EL390RICA	



2-Hour Fire Rated 3″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
EL39FICA	7 ½″ 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 ¾″ H x 17″ O.D.



Fire Enclosure

CAT NO.	SPECIFICATIONS
FIREENCL	20 ⅜″ L x 14 ⅜″ W
FIREENCL-S	Shallow, 16″ L x 14 ⅜″ W



Mica Fire Tape

CAT NO.	SPECIFICATIONS
FIRETAPE	¾″ W x 16′ L

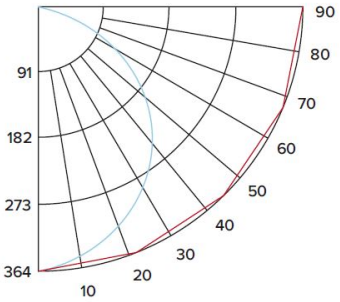
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LED Adjustable Pull Down Insert

Multiplier: 2700K (x 0.96)

PHOTOMETRIC REPORT

Product #: EL39730
Wattage/Lumens: 10.8W/ 851Lm
Luminaire LPW: 79 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	364
5	362
15	346
25	313
35	266
45	209
55	149
65	92
75	40
85	5.98
90	0.28

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	22.7	9.1'
6'	10.1	13.6'
8'	5.68	18.1'
10'	3.64	22.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	272.86	32.10
0-40°	434.88	51.10
0-60°	718.69	84.50
0-90°	849.93	99.90

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Dimmer Compatibility Chart
LED Inserts
EL397/497/597/697

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
120V Only			
Cooper	ASPIRE Decorator Single Pole/3-Way Dimmer	9573WS	10% - 100%
	DEVINE Decorator Dimmer	DI06P-A-K	10% - 100%
Legrand	Adorne® Paddle 450W Single Pole/3-Way Dimmer	ADPD453L-W2	10% - 100%
Leviton	Illumatech Single Pole/3-Way Incandescent Dimmer	IPI06	10% - 100%
	Decora Sureslide Single Pole Slide-to-Off Incandescent Dimmer	6631-LW	10% - 100%
	Decora Sureslide Single Pole/3-Way Magnetic Low Voltage Dimmer	6613-PL	8% - 100%
Lutron	Skylark® Single Pole/3-Way Incandescent/Halogen “Eco-Dim” Dimmer	S-603PG	5% - 85%
	Diva® C•L Single Pole/3-Way Dimmer	DVCL-153PR	7%-100%
	Ariadni Single Pole/3-Way Dimmer	AY-600P-AL	10% - 100%
	Maestro® Incandescent/Halogen Digital Fade Dimmer	MRF2-600M-WH	10% - 100%
	Skylark® Single Pole/3-Way Incandescent/Halogen Dimmer	S-600P-AL	10% - 100%
	Diva® Single Pole Incandescent/Halogen Dimmer	DV-600P-WH	10% - 100%
	Nova® Single Pole Incandescent/Halogen Slide-to-Off Dimmer	N-600	10% - 100%
	Skylark® Single Pole Magnetic Low Voltage Dimmer	SLV-600-WH	8% - 100%
	Glyder® Single Pole Magnetic Low Voltage Dimmer	GLV-600-WH	8% - 100%

*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.

2042 E. Vernon Ave., Vernon, CA 90058 • Tel (323) 231-2600 Fax (323) 231-3200 • elcolighting.com
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