

3" Round LED Baffle 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.
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation.
- Deep set LED trim reduces glare while providing area illumination.
- Diecast construction provides lasting durability.
- Energy Star Certified
- Title 24 JA8-2019 Compliant
- Life Span of 50,000 hours L70.

Specifications

Wattage	9W - 10W
Lumens	675 lm - 710 lm
Voltage	120V
Color Temp.	2700K - 2700K, 3000K, 3500K, 4000K, 5000K
Dimmable	Triac/ELV
Lamp Type	LED
CRI	93+
Wet Location	Listed

Options



White



Bronze

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.

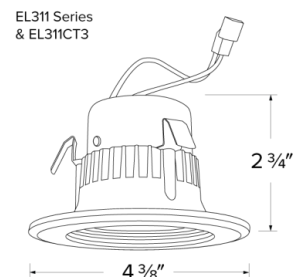
Dimmability: Works with 120V Triac and ELV type dimmers . Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List.

Listings:

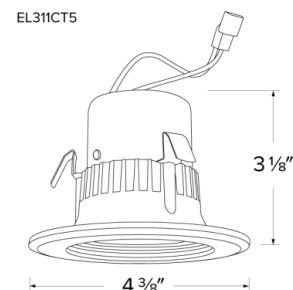
- UL Listed 1598 Luminaire
- UL Listed for Wet Location
- RoHS Compliant
- Energy Star Certified
- Title 24 JA8-2019 Compliant

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

EL311 Series & EL311CT3



EL311CT5



Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
EL31127W	LED	675 lm	2700K	9W	120V	Triac/ELV	White
EL311CT3W	LED	700 lm	2700K, 3000K, 3500K	9W	120V	Triac/ELV	White
EL311CT3BZ	LED	700 lm	2700K, 3000K, 3500K	9W	120V	Triac/ELV	Bronze
EL311CT5W	LED	710 lm	2700K, 3000K, 3500K, 4000K, 5000K	10W	120V	Triac/ELV	White

Product Number Builder Example: EL31127W

ELCO 3" Round Insert

Color Temp.

Finish

EL311

27 2700K

30 3000K

CT3 2700K, 3000K, 3500K

CT5 2700K - 5000K

W White

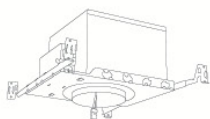
BZ Bronze

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

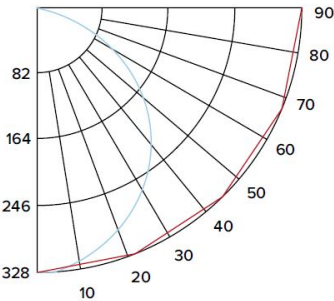
CAT NO.	SPECIFICATIONS
FIRETAPE	3/4" W x 16' L

LED Baffle Insert

Multiplier: 3000K (x 1.04)

PHOTOMETRIC REPORT

Product #: EL31127
Wattage/Lumens: 8.1W/ 683 Lm
Luminaire LPW: 84 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	328
5	325
15	309
25	277
35	228
45	166
55	104
65	51
75	15
85	3.99
90	0.09

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	20.5	8.1'
6'	9.10	12.2'
8'	5.12	16.3'
10'	3.28	20.3'

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	245.48	35.90
0-40°	387.91	56.80
0-60°	609.91	89.20
0-90°	683.40	100.00