

# 5" or 6" 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. The best green choice for simple residential lighting projects.



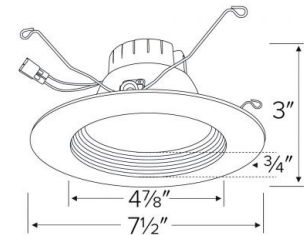
## Features

- Fits ELCO 5" or 6" Dedicated LED Recessed Housings, Regular and Shallow.
- Includes Medium Base Adapter for retrofitting existing E26 Base housings.
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation.
- Deep set LED trim reduces glare while providing area illumination.
- CA Title 24, ENERGY STAR, JA8-2016-E.
- Life Span of 50,000 hours L70.

## Specifications

<b>Wattage</b>	10W - 20W
<b>Lumens</b>	725 lm - 1400 lm
<b>Voltage</b>	120V
<b>Color Temp.</b>	2700K - 4000K
<b>Dimmable</b>	Triac/ELV
<b>Lamp Type</b>	LED
<b>Beam Angle</b>	90°
<b>CRI</b>	93+
<b>Wet 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. Spun Aluminum for 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 EL570ICA, EL570RICA, EL56FICA, EL560ICA, EL560RICA, EL770ICA, EL770RICA, EL760ICA, EL760RICA, EL76FICA. 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 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. Industry leading dimming. Dims smoothly with no hot spots or flickering.

**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	Beam Angle	Finish
<b>EL61027W</b>	LED	725 lm	2700K	10W	120V	Triac/ELV	90°	White
<b>EL61030W</b>	LED	750 lm	3000K	10W	120V	Triac/ELV	90°	White
<b>EL61040W</b>	LED	800 lm	4000K	10W	120V	Triac/ELV	90°	White
<b>EL61130W</b>	LED	1000 lm	3000K	14W	120V	Triac/ELV	90°	White
<b>EL61140W</b>	LED	1100 lm	4000K	14W	120V	Triac/ELV	90°	White
<b>EL61230W</b>	LED	1400 lm	3000K	20W	120V	Triac/ELV	90°	White

# Product Number Builder Example: EL61027W

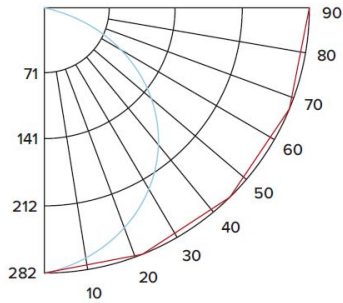
ELCO 5" or 6" LED Baffle Insert	Wattage	Color Temp.	Finish
<b>EL6</b>	<b>10</b> 10W <b>11</b> 14W <b>12</b> 22W	<b>27</b> 2700K <b>30</b> 3000K <b>40</b> 4000K	<b>W</b> White

## LED Baffle Insert

Multiplier: 3000K (x 1.04), 4000K (x 1.12)

### PHOTOMETRIC REPORT

Product #: EL61027  
 Wattage/Lumens: 10.1W/ 731 Lm  
 Luminaire LPW: 72 Lm/W



### CANDLE POWER SUMMARY

Degrees Vertical	0°
0	282
5	280
15	267
25	245
35	213
45	172
55	125
65	74
75	25
85	1.9
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	17.6	10.7'
6'	7.83	16.1'
8'	4.41	21.5'
10'	2.82	26.8'

### ZONAL LUMEN SUMMARY

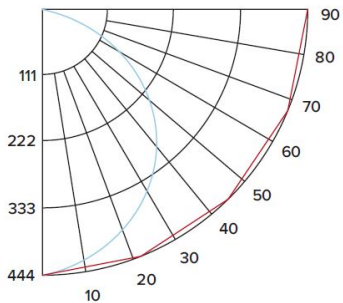
Zone	Lumens	% Luminaire
0-30°	217.58	29.80
0-40°	354.58	48.50
0-60°	611.22	83.60
0-90°	731.10	100.00

## LED Baffle Insert

Multiplier: 4000K (x 1.08)

### PHOTOMETRIC REPORT

Product #: EL61130  
 Wattage/Lumens: 13.6W/ 1153 Lm  
 Luminaire LPW: 85 Lm/W



### CANDLE POWER SUMMARY

Degrees Vertical	0°
0	444
5	442
15	427
25	397
35	351
45	285
55	209
65	127
75	47
85	6.09
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	27.8	10.7'
6'	12.3	16.1'
8'	6.94	21.5'
10'	4.44	26.8'

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	344.66	29.90
0-40°	563.06	48.80
0-60°	969.17	84.10
0-90°	1152.7	100.00

# Compatible Products

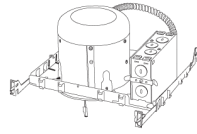
For use with **5" or 6" LED Light Engines**

## 5" Dedicated LED ICA Housings



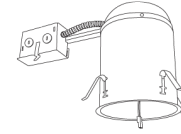
2-Hour Fire Rated  
5" ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL56FICA	



5" ICA Housing  
**New Construction**

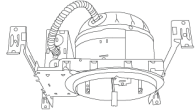
CAT NO.	SPECIFICATIONS
EL570ICA	
EL570ICA-7	277V to 120V Step-down Transformer
EL570ICA-EM5	90 minute Battery Backup



5" ICA Housing  
**Remodel**

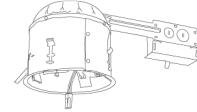
CAT NO.	SPECIFICATIONS
EL570RICA	

## 5" Shallow Dedicated LED ICA Housings



5" Shallow ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL560ICA	
EL560ICA-7	277V to 120V Step-down Transformer
EL560ICA-EM5	90 minute Battery Backup



5" Shallow ICA Housing  
**Remodel**

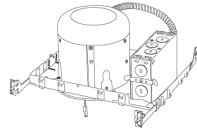
CAT NO.	SPECIFICATIONS
EL560RICA	

## 6" Dedicated LED ICA Housings



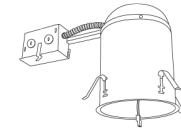
2-Hour Fire Rated  
6" ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL76FICA	



6" ICA Housing  
**New Construction**

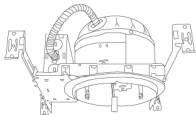
CAT NO.	SPECIFICATIONS
EL770ICA	
EL770ICA-7	277V to 120V Step-down Transformer
EL770ICA-EM5	90 minute Battery Backup



6" ICA Housing  
**Remodel**

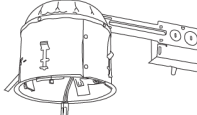
CAT NO.	SPECIFICATIONS
EL770RICA	

## 6" Shallow Dedicated LED ICA Housings



6" Shallow ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL760ICA	
EL760ICA-7	277V to 120V Step-down Transformer
EL760ICA-EM5	90 minute Battery Backup



6" Shallow ICA Housing  
**Remodel**

CAT NO.	SPECIFICATIONS
EL760RICA	