

# 2" Square LED Reflector Light Engines



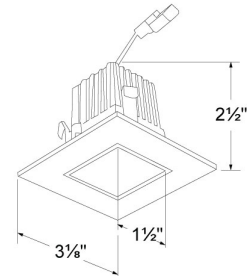
## Features

- Suitable for use in fixtures installed in insulated ceilings.
- Suitable for new construction and remodel housings.
- Suitable for installation into ELCO 2" recessed fixtures with 2-wire connector.
- Diecast construction provides lasting durability.
- CA Title 24 compliant (JA8-2016-E).
- Meets ENERGY STAR requirements.

## Specifications

<b>Wattage</b>	9W
<b>Lumens</b>	600 lm - 860 lm
<b>Color Temp.</b>	2700K - 4000K
<b>Dimmable</b>	Triac/ELV
<b>Lamp Type</b>	LED
<b>Beam Angle</b>	36°
<b>CRI</b>	93+
<b>Wet Location</b>	Listed

## Dimensions



## Technical Details

**Optics:** PC Lens for even lumen distribution.

**Construction:** Diecast construction for lasting quality and greater heat dissipation. High quality powder coat finish preventing rust and paint cracking.

**Installation:** Must be installed in ELCO 2" Alder System housing; E2LC106ICA, E2LC175ICA, E2LC175RICA, E2LC106, E2LRC106.

### LED Technology:

- Extremely accurate color rendering with 93+ CRI.
- Efficacy of max. 92 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 based on LM80 standardized test results.
- Superior Thermal Management by utilizing aluminum body as heat sink.

**Listings:** UL Listed for Wet Location. 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	Dimming	Beam Angle	Finish
<b>E213C0627W</b>	LED	600 lm	2700K	9W	Triac/ELV	36°	White
<b>E213C0630W</b>	LED	630 lm	3000K	9W	Triac/ELV	36°	White
<b>E213C0727W</b>	LED	800 lm	2700K	9W	Triac/ELV	36°	White
<b>E213C0730W</b>	LED	830 lm	3000K	9W	Triac/ELV	36°	White
<b>E213C0735W</b>	LED	845 lm	3500K	9W	Triac/ELV	36°	White
<b>E213C0740W</b>	LED	860 lm	4000K	9W	Triac/ELV	36°	White

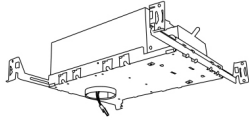
## Product Number Builder Example: E213C0627W

ELCO 2" Light Engines	Lumens	Color Temperature	White
<b>E213C</b>			<b>W</b>
	<b>06</b> 630 <b>07</b> 830	<b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K (07 only) <b>40</b> 4000K (07 only)	

# Compatible Products

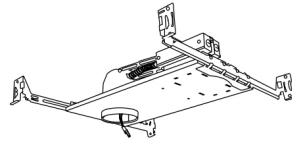
For use with 2" Standard Alder™ LED Light Engines

## 2" Alder™ IC Airtight Housings



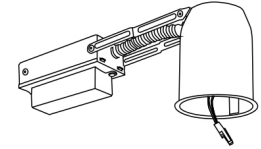
**2" IC Airtight New Construction Housing**

CAT NO.	SPECIFICATIONS
E2LC106ICA	9W/120V/ Triac/ELV Dimmable



**2" New Construction Housing**

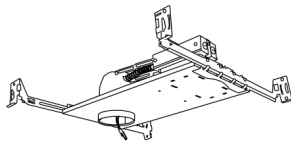
CAT NO.	SPECIFICATIONS
E2LC175ICA	9W/120V/ Triac/ELV Dimmable



**2" Remodel Housing**

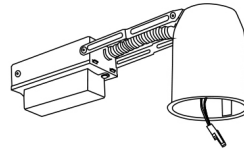
CAT NO.	SPECIFICATIONS
E2LC175RICA	9W/120V/ Triac/ELV Dimmable

## 2" Alder™ Non-IC Airtight Housings



**2" New Construction Housing**

CAT NO.	SPECIFICATIONS
E2LC106	9W/120V/ Triac/ELV Dimmable



**2" Remodel Housing**

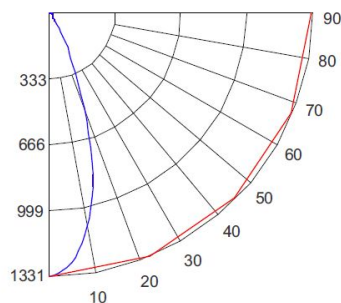
CAT NO.	SPECIFICATIONS
E2LRC106	9W/120V/ Triac/ELV Dimmable

## 2" Square LED Reflector Light Engine

Multiplier: 3000K (x 1.04)

### PHOTOMETRIC REPORT

Product #: E213C0627  
 Wattage/Lumens: 8.8W/ 591 lm  
 Luminaire LPW: 67 Lm/W



### CANDLE POWER SUMMARY

Degrees Vertical	0°
0	1330
5	1266
15	846
25	258
35	38
45	22
55	17
65	12
75	7
85	2
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	83.1	2.6'
6'	36.9	3.8'
8'	20.8	5.1'
10'	13.3	6.4'

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	489.45	82.80
0-40°	534.10	90.40
0-60°	568.44	96.20
0-90°	590.11	99.90