

# 2" Round LED Reflector Light Engines



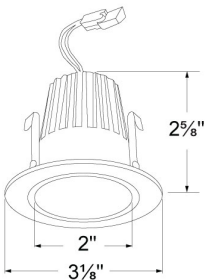
## Features

- 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.
- Energy Star Certified.
- Title 24 JA8-2019 Compliant.

## Specifications

Wattage	9W
Lumens	600 lm - 875 lm
Color Temp.	2700K - 4000K
Dimmable	Triac/ELV
Lamp Type	LED
Beam Angle	36°
CRI	93+
Wet Location	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. 93 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. 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	Dimming	Beam Angle	Finish
E210C0627W	LED	600 lm	2700K	9W	Triac/ELV	36°	White
E210C0630W	LED	640 lm	3000K	9W	Triac/ELV	36°	White
E210C0727W	LED	800 lm	2700K	9W	Triac/ELV	36°	White
E210C0730W	LED	840 lm	3000K	9W	Triac/ELV	36°	White
E210C0735W	LED	860 lm	3500K	9W	Triac/ELV	36°	White
E210C0740W	LED	875 lm	4000K	9W	Triac/ELV	36°	White

## Product Number Builder Example: E210C0627W

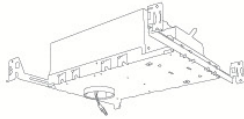
ELCO 2" Light Engines	Lumens	Color Temp.	White
E210C			W
	06 640 lm 07 840 lm	27 2700K 30 3000K 35 3500K 40 4000K	

# Compatible Products

For use 2" LED Light Engines



## 2" Alder™ IC Airtight LED Housings



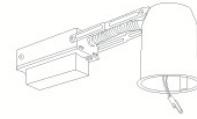
2" Double Wall LED IC Housing  
**New Construction**

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



2" Single Wall LED IC Housing  
**New Construction**

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



2" Single Wall LED IC Housing  
**Remodel**

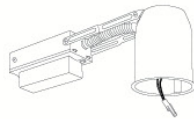
CAT NO.	SPECIFICATIONS
E2LC175RICA	9W, 120V, Triac/ELV

## 2" Alder™ Non-IC Airtight LED Housings



2" Single Wall LED Non-IC Housing  
**New Construction**

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



2" Single Wall LED Non-IC Housing  
**Remodel**

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

## 2" Alder™ Accessories



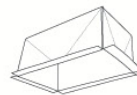
**Emergency Battery Backup**

CAT NO.	SPECIFICATIONS
KEM-LD3	8W, Up to 750 lm
KEM-LD4	12W, Up to 1100 lm



**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

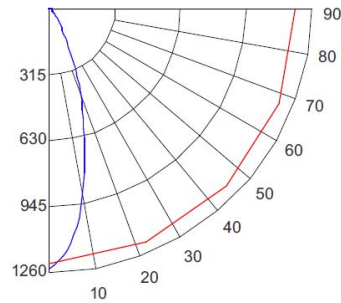
\*Driver included for all housings

## 2" Round LED Reflector Light Engine

Multiplier: 3000K (x 1.08)

### PHOTOMETRIC REPORT

Product #: E210C0627  
Wattage/Lumens: 8.9W/ 597 lm  
Luminaire LPW: 67 Lm/W



### CANDLE POWER SUMMARY

Degrees Vertical	0°
0	1240
5	1128
15	643
25	242
35	58
45	16
55	12
65	6
75	3
85	0
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	77.5	2.7'
6'	34.4	4.0'
8'	19.4	5.4'
10'	12.4	6.7'

### ZONAL LUMEN SUMMARY

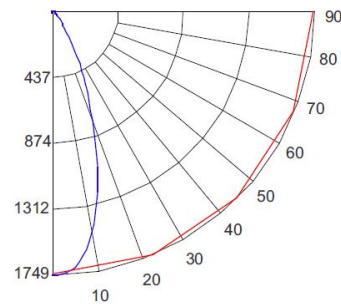
Zone	Lumens	% Luminaire
0-30°	491.39	82.40
0-40°	555.37	93.10
0-60°	583.48	97.80
0-90°	596.00	99.90

## 2" Round LED Reflector Light Engine

Multiplier: 2700K (x 0.96), 4000K (x 1.08)

### PHOTOMETRIC REPORT

Product #: E210C0730  
Wattage/Lumens: 9W/ 795 lm  
Luminaire LPW: 88 Lm/W



### CANDLE POWER SUMMARY

Degrees Vertical	0°
0	1748
5	1696
15	1170
25	492
35	124
45	21
55	15
65	10
75	5
85	2
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	109	2.6'
6'	48.6	3.9'
8'	27.3	5.2'
10'	17.5	6.6'

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	668.51	84.10
0-40°	748.44	94.10
0-60°	779.25	98.00
0-90°	794.25	99.90