

2" Square LED High-Lumen Adjustable Light Engine



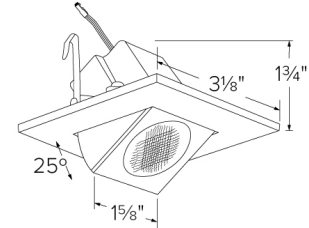
Features

- 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	11W
Lumens	1030 lm
Color Temp.	2700K
Lamp Type	LED
Beam Angle	36°
CRI	93+
Damp 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; E2AJU12ICA, E2LCU86ICA, E2LCU86RICA, E2LC185ICA, E2LC185RICA.

LED Technology:

- Extremely accurate color rendering with 93+ CRI.
- Efficacy of max. 108 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 Damp Location. ENERGY STAR® Certified. Title 24 JA8-2019 Compliant.

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

Product Number

Item	Lamp type	Lumens	CCT	Watts	Beam Angle	Finish
E219C1827W	LED	1030 lm	2700K	11W	36°	White

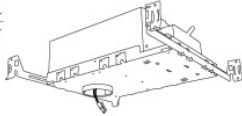
Product Number Builder Example: E219C1827W

ELCO 2" Light Engines	Color Temp.	Finish
E219C18		
	27 2700K	W White
	30 3000K	
	35 3500K	
	40 4000K	
	SD Sunset	

Compatible Products

For use 2" High Lumen LED Light Engines

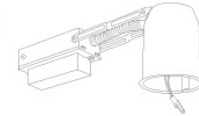
2" Alder™ IC Airtight High Tech LED Housings



2" Double Wall IC Rated for max. R-60 spray foam insulation
New Construction



2" Single Wall IC Housing
New Construction



2" Single Wall IC Housing
Remodel

CAT NO.	SPECIFICATIONS
E2AJU12ICA	11W, 120/277V, Triac/ELV/0-10V

CAT NO.	SPECIFICATIONS
E2LCU86ICA	11W, 120/277V, Triac/ELV/0-10V
E2LC185ICA	11W, 120V, Triac/ELV

CAT NO.	SPECIFICATIONS
E2LCU86RICA	11W, 120/277V, Triac/ELV/0-10V
E2LC185RICA	11W, 120V, Triac/ELV

2" Alder™ Accessories



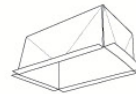
Emergency Battery Backup

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

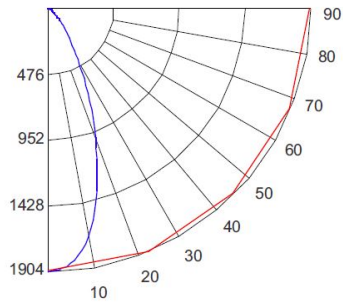
CAT NO.	SPECIFICATIONS
FIRETAPE	3/4" W x 16' L

*Driver included for all housings

2" Square LED High Lumen Adjustable Light Engine Multiplier: 2700K (x 0.96), 3500K (x 1.04), 4000K (x 1.08)

PHOTOMETRIC REPORT

Product #: E219C1830
 Wattage/Lumens: 10.5W/ 1110 lm
 Luminaire LPW: 106 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	1900
5	1849
15	1380
25	687
35	271
45	102
55	41
65	19
75	8
85	2
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	119	2.9'
6'	52.8	4.3'
8'	29.7	5.7'
10'	19.0	7.2'

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	813.60	73.30
0-40°	972.27	87.60
0-60°	1081.19	97.40
0-90°	1108.76	99.90