

2" Round LED High-Lumen Adjustable Light Engine



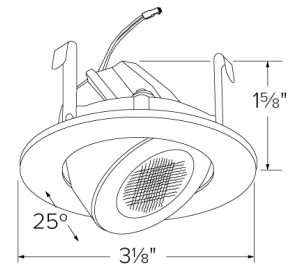
Features

- 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	800 lm - 1200 lm
Color Temp.	2700K - SunsetK
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.

LED Technology:

- Extremely accurate color rendering with 93+ CRI.
- Efficacy of max. 109 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 Numbers

Item	Lamp type	Lumens	CCT	Watts	Beam Angle	Finish
E218C1827W	LED	1040 lm	2700K	11W	36°	White
E218C1830W	LED	1100 lm	3000K	11W	36°	White
E218C1835W	LED	1150 lm	3500K	11W	36°	White
E218C1840W	LED	1200 lm	4000K	11W	36°	White
E218C18SDW	LED	800 lm	SunsetK	11W	36°	White

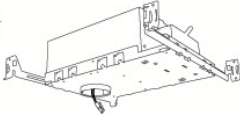
Product Number Builder Example: E218C1827W

ELCO 2" Light Engines	Color Temp.	White
E218C18		W
	27 2700K 30 3000K 35 3500K 40 4000K SD Sunset	

Compatible Products

For use 2" High Lumen LED Light Engines

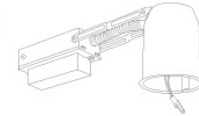
2" Alder™ IC Airtight High Tech LED Housings



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



Fire Cover



Fire Enclosure



Mica Fire Tape

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

CAT NO.	SPECIFICATIONS
FIRECVR	9 3/4" H x 17" O.D.

CAT NO.	SPECIFICATIONS
FIREENCL	20 3/8" L x 14 3/8" W
FIREENCL-S	Shallow, 16" L x 14 3/8" W

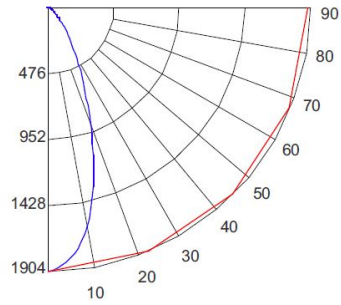
CAT NO.	SPECIFICATIONS
FIRETAPE	3/4" W x 16' L

*Driver included for all housings

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

PHOTOMETRIC REPORT

Product #: E218C1830
 Wattage/Lumens: 10.6W/ 1125 lm
 Luminaire LPW: 106 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	1900
5	1818
15	1271
25	608
35	240
45	92
55	36
65	16
75	6
85	1
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	119	2.9'
6'	52.8	4.4'
8'	29.7	5.8'
10'	19.0	7.3'

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	824.05	73.20
0-40°	987.31	87.80
0-60°	1097.78	97.60
0-90°	1123.76	99.90