## 2" Round LED Baffle 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.


## 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: cUL 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.

## Specifications

| Wattage | 9 W |
| :--- | :--- |
| Lumens | $600 \mathrm{Im}-875 \mathrm{Im}$ |
| Color Temp. | $2700 \mathrm{~K}-4000 \mathrm{~K}$ |
| Lamp Type | LED |
| Beam Angle | $36^{\circ}$ |
| CRI | $93+$ |
| Wet Location | Listed |

## Dimensions



Product Numbers

| Item | Lamp <br> type | Lumens | CCT | Watts | Beam <br> Angle | Finish |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| E214C0627W | LED | 600 Im | 2700 K | 9 W | $36^{\circ}$ | All <br> White |
| E214C0630W | LED | 640 Im | 3000 K | 9 W | $36^{\circ}$ | All <br> White |
| E214C0727W | LED | 800 Im | 2700 K | 9 W | $36^{\circ}$ | All <br> White |
| E214C0730W | LED | 840 Im | 3000 K | 9 W | $36^{\circ}$ | All <br> White |
| E214C0735W | LED | 860 Im | 3500 K | $9 W$ | $36^{\circ}$ | All <br> White |
| E214C0740W | LED | 875 Im | 4000 K | 9 W | $36^{\circ}$ | All <br> White |

Product Number Builder
Example: E214C0627W


## Compatible Products

## 2" Alder" ${ }^{\text {m }}$ IC Airtight LED Housings



2" Double Wall LED IC Housing New Construction

| CAT NO. | SPECIFICATIONS |
| :--- | :--- |
| E2LC106ICA | $9 W, 120 \mathrm{~V}$, Triac/ELV |



2" Single Wall LED IC Housing New Construction

| CAT NO. | SPECIFICATIONS |
| :--- | :--- |
| E2LC175ICA | $9 \mathrm{~W}, 120 \mathrm{~V}$, Triac/ELV |



2" Single Wall LED IC Housing Remodel
CAT NO. SPECIFICATIONS

E2LC175RICA 9W, 120V, Triac/ELV

## 2" AlderT" Non-IC Airtight LED Housings



## 2" Alder ${ }^{\text {T" }}$ Accessories



Emergency Battery Backup


Fire Cover


Fire Enclosure


Mica Fire Tape

## CAT NO. SPECIFICATIONS

FIRETAPE $3 / 4^{\prime \prime}$ W $\times 16^{\prime}$ L

| CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS |
| :--- | :--- | :--- | :--- |
| FIRECVR | $93 / 4^{\prime \prime} \mathrm{H} \times 17^{\prime \prime}$ O.D. | FIREENCL | $203 / 8^{\prime \prime} \mathrm{L} \times 143 / 8^{\prime \prime} \mathrm{W}$ |
|  |  | FIREENCL-S | Shallow, <br> $16^{\prime \prime} \mathrm{L} \times 143 / 8^{\prime \prime} \mathrm{W}$ |

*Driver included for all housings

PHOTOMETRIC REPORT
Product \#: E214C0627
Wattage/Lumens: 8.9W/ 597 lm
Luminaire LPW: 67 Lm/W


CANDLE POWER SUMMARY ILLUMINANCE AT A DISTANCE

| Degrees Vertical | $0^{\circ}$ |  | Distance to Target Plane | Footcandles Beam Center | Beam Diameter |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 1240 |  | $4^{\prime}$ | 77.5 | $2.7^{\prime}$ |
| 5 | 1128 |  | $6^{\prime}$ | 34.4 | $4.0^{\prime}$ |
| 15 | 643 |  | $8^{\prime}$ | 19.4 | $5.4^{\prime}$ |
| 25 | 242 |  | $10^{\prime}$ | 12.4 | $6.7^{\prime}$ |

ZONAL LUMEN SUMMARY

| Zone | Lumens | \% Luminaire |
| :---: | :---: | :---: |
| $0-30^{\circ}$ | 491.39 | 82.40 |
| $0-40^{\circ}$ | 555.37 | 93.10 |
| $0-60^{\circ}$ | 583.48 | 97.80 |
| $0-90^{\circ}$ | 596.00 | 99.90 |

# Dimmer Compatibility Chart 2" Alder System LED Light Engines 

## ELCO Lighting

For E210C06, E210C07, E210C18, E213C06, E213C07, E214C06, E214C07, E215C06, E215C07, E218C06, E218C07, E219C06, E219C07 Series

## For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

| Manufacturer | Product | Part Number | Dimmed Light Output Range |
| :---: | :---: | :---: | :---: |
| Lutron | Skylark Contour, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way Indoor Application, Residential/Commercial Application | CT-603PG / CT-600PR | 10\% - 100\% |
|  | Diva, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way, Residential/Commercial Application | DV-600PR / DV603PG | 10\% - 100\% |
|  | Diva, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way | DVW-603PGH / DVCL-153P | 10\% - 100\% |
|  | Maestro, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way | MACL-153M / TGCL-153P | 10\% - 100\% |
|  | Skylark, Single Pole 600W Incandescent/Halogen, Slide-to-Off Dimmer | S-600PR / S-2-LH | 10\% - 100\% |
| Leviton |  | 1A1505 / IC1605 | 10\% - 100\% |
|  | SureSlide, 120 V AC 60Hz, 600W for LED and CFL, 600W for Incandescent, Single Pole, 3-Way, Polycarbonated Housing | 6631/6633 | 10\% - 100\% |
| Cooper | Decorator Dimmer, 120 V 60Hz, 300W for LED and CFL, 600W for Incandescent, Single Pole, 3-Way, Polycarbonated Housing | DLC03P | 10\% - 100\% |

*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details
 not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross refrence that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.

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