

# 4" Square Adjustable Light Engine

The perfect lighting solution for high-end residential and light commercial projects.






| Features   | Specifications  |                |     |               |         |                    |       |                  |     |                   |     |            |     |                      |        |
|--|---|----------------|-----|---------------|---------|--------------------|-------|------------------|-----|-------------------|-----|------------|-----|----------------------|--------|
| <ul style="list-style-type: none"> <li>High efficacy LED module.</li> <li>Triac/ELV/0-10V dimming.</li> <li>Must be used with ELCO 4" Cedar™ System Housings.</li> <li>Frosted acrylic module lens for even lumen distribution.</li> <li>Life span of 50,000 hours L70.</li> <li>USA designed and assembled.</li> <li>Limited 5 year warranty.</li> <li>2 at the end of the item number denotes Generation 2.</li> </ul> | <table> <tr> <td><b>Wattage</b></td><td>18W</td></tr> <tr> <td><b>Lumens</b></td><td>1600 lm</td></tr> <tr> <td><b>Color Temp.</b></td><td>3000K</td></tr> <tr> <td><b>Lamp Type</b></td><td>LED</td></tr> <tr> <td><b>Beam Angle</b></td><td>60º</td></tr> <tr> <td><b>CRI</b></td><td>93+</td></tr> <tr> <td><b>Damp Location</b></td><td>Listed</td></tr> </table> | <b>Wattage</b> | 18W | <b>Lumens</b> | 1600 lm | <b>Color Temp.</b> | 3000K | <b>Lamp Type</b> | LED | <b>Beam Angle</b> | 60º | <b>CRI</b> | 93+ | <b>Damp Location</b> | Listed |
| <b>Wattage</b>   | 18W   |                |     |               |         |                    |       |                  |     |                   |     |            |     |                      |        |
| <b>Lumens</b>  | 1600 lm   |                |     |               |         |                    |       |                  |     |                   |     |            |     |                      |        |
| <b>Color Temp.</b>   | 3000K   |                |     |               |         |                    |       |                  |     |                   |     |            |     |                      |        |
| <b>Lamp Type</b>   | LED   |                |     |               |         |                    |       |                  |     |                   |     |            |     |                      |        |
| <b>Beam Angle</b>  | 60º   |                |     |               |         |                    |       |                  |     |                   |     |            |     |                      |        |
| <b>CRI</b>   | 93+   |                |     |               |         |                    |       |                  |     |                   |     |            |     |                      |        |
| <b>Damp Location</b>   | Listed  |                |     |               |         |                    |       |                  |     |                   |     |            |     |                      |        |

## Technical Details

- Optics:** Frosted polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology.
- Trim Construction:** Reflector is two piece trim for maximum color versatility. Design allows for minimal glare and a strong glare cut-off. Trim is constructed of metal for lasting durability.
- Installation:** Must be installed on a Cedar™ System housing with compatible lumen rating. Frames are available for New Construction and Remodel as IC or non-IC.

- LED Technology:**
- Extremely accurate Color Rendering Index of 93+.
  - Efficacy of 97 lumens per watt.
  - Lumen Maintaince of 50,000 hours L70 Life based on LM80 standardized test results.
  - Superior Thermal Management by utilizing ELCO Red heat sink.
  - Instant On to Full Brightness technology.
  - No LED pixilation.
- Listings:**
- UL Listed for Wet Location.
  - RoHS Compliant.


Options

All White

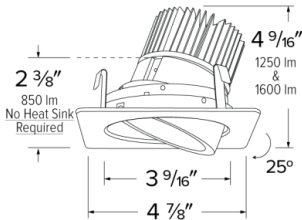
Chrome w/White Square

All Black



All Bronze

## Dimensions



## Product Number Builder Example: E428C0827W2

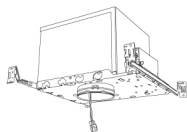
| ELCO 4" Adjustable | Lumens                                | Color Temp                       | Finish   | Generation       |
|--------------------|---------------------------------------|----------------------------------|--|------------------|
| 428C               | 08 850 lm<br>12 1250 lm<br>16 1600 lm | 27 2700K<br>30 3000K<br>35 3500K | W All White<br>C Chrome w/White Square<br>BB All Black | Gen 1<br>2 Gen 2 |

**40** 4000K  
**50** 5000K  
**SD** Sunset

**BZ** All Bronze

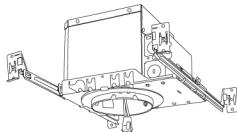
For use with **4" Cedar™** Light Engines

## 4" Cedar™ Dedicated LED ICA Housings



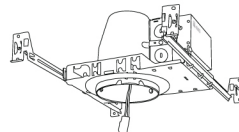
2-Hour Fire Rated  
4" ICA Housing  
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E4FH    | Up to 850 lm   |



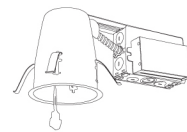
4" ICA Housing  
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E4LC    | Up to 1600 lm  |



4" ICA Housing  
**New Construction**

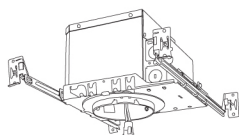
| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E4LC    | Up to 850 lm   |



4" ICA Housing  
**Remodel**

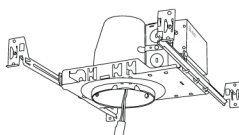
| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E4LRC   | Up to 850 lm   |

## 4" Cedar™ Dedicated LED Non-IC Housings



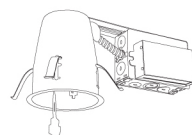
4" Non-IC Housing  
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E4LC    | Up to 1600 lm  |



4" Non-IC Housing  
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E4LC    | Up to 1250 lm  |



4" Non-IC Housing  
**Remodel**

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E4LRC   | Up to 1250 lm  |

### PRODUCT NUMBER BUILDER

#### Housing Type

- E4FH** Fire Rated (up to 850)
- E4LC** New Construction
- E4LRC** Remodel

#### Lumen

- 08** 850 lm (8.76W)
- 12** 1250 lm (12.88W)
- 16** 1600 lm (18W)

#### Optional

- (Blank)** Non-IC
- ICA** IC Airtight

#### Dimming

- (Blank)** 120V Triac/ELV
- D** 120/277V Triac/ELV/0-10V
- SD** Sunset
- L** Lutron