



# Product Number Builder

Example: **E410C0827W2**

| ELCO 4" Reflector | Lumens            | Color Temp.                   | Finish                              | Generation     | Beam Angle         |
|-------------------|-------------------|-------------------------------|-------------------------------------|----------------|--------------------|
| <b>E410C</b>      |                   |                               |                                     |                |                    |
|                   | <b>08</b> 850 lm  | <b>27</b> 2700K               | <b>W</b> All White                  | <b>2</b> Gen 2 | 60° lens           |
|                   | <b>12</b> 1250 lm | <b>30</b> 3000K               | <b>BZ</b> All Bronze                | <b>1</b> Gen 1 | <b>-F</b> 38° lens |
|                   | <b>16</b> 1600 lm | <b>35</b> 3500K               | <b>H</b> Haze with White Trim       |                | <b>-N</b> 24° lens |
|                   |                   | <b>40</b> 4000K               | <b>C</b> Chrome with White Trim     |                | <b>-S</b> 15° lens |
|                   |                   | <b>50</b> 5000K               | <b>B</b> Black with White Trim      |                |                    |
|                   |                   | <b>SD</b> Sunset <sup>1</sup> | <b>MW</b> Matte White               |                |                    |
|                   |                   |                               | <b>MB</b> Matte Black w/ White Trim |                |                    |
|                   |                   |                               | <b>BB</b> All Black                 |                |                    |

<sup>1</sup> Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

For use with 4" Cedar™ Light Engines

## 4" Cedar™ Dedicated LED ICA Housings



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



4" ICA Housing  
**New Construction**



4" ICA Housing  
**New Construction**



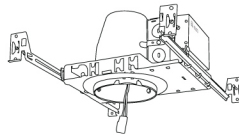
4" ICA Housing  
**Remodel**

| CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS |
|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
| E4FH    | Up to 850 lm   | E4LC    | Up to 1600 lm  | E4LC    | Up to 850 lm   | E4LRC   | Up to 850 lm   |

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



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



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



4" Non-IC Housing  
**Remodel**

| CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS |
|---------|----------------|---------|----------------|---------|----------------|
| E4LC    | Up to 1600 lm  | E4LC    | Up to 1250 lm  | E4LRC   | Up to 1250 lm  |

### PRODUCT NUMBER BUILDER

| Housing Type |                        | Lumen     |                  | Optional       |             | Dimming        |                          |
|--------------|------------------------|-----------|------------------|----------------|-------------|----------------|--------------------------|
| <b>E4FH</b>  | Fire Rated (up to 850) | <b>08</b> | 850 lm (8.76W)   | <b>(Blank)</b> | Non-IC      | <b>(Blank)</b> | 120V Triac/ELV           |
| <b>E4LC</b>  | New Construction       | <b>12</b> | 1250 lm (12.88W) | <b>ICA</b>     | IC Airtight | <b>D</b>       | 120/277V Triac/ELV/0-10V |
| <b>E4LRC</b> | Remodel                | <b>16</b> | 1600 lm (18W)    |                |             | <b>SD</b>      | Sunset                   |
|              |                        |           |                  |                |             | <b>L</b>       | Lutron                   |

# LED Light Engine

Multiplier: 2700K (x 0.96), 3500K (x 1.04), 4000K (x 1.08)

## PHOTOMETRIC REPORT

Product #: E410C0830  
 Wattage/Lumens: 10.5W/ 837 Lm  
 Luminaire LPW: 80 Lm/W



## CANDLE POWER SUMMARY

| Degrees Vertical | 0°   |
|------------------|------|
| 0                | 1158 |
| 5                | 1140 |
| 15               | 927  |
| 25               | 634  |
| 35               | 232  |
| 45               | 40   |
| 55               | 1    |
| 65               | 0    |
| 75               | 0    |
| 85               | 0    |
| 90               | 0    |

## ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Footcandles Beam Center | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 72.4                    | 4.0'          |
| 6'                       | 32.2                    | 6.0'          |
| 8'                       | 18.1                    | 8.0'          |
| 10'                      | 11.6                    | 10.0'         |

## ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-30° | 64732  | 77.30       |
| 0-40° | 799.00 | 95.40       |
| 0-60° | 836.33 | 99.90       |
| 0-90° | 837.6  | 100.00      |