ELCO Lighting

Project name:

Fixture type:

Date:

# 4" LED Module & Driver with Square Reflector Trim

The perfect lighting solution for high-end residential projects with existing housings.

## Features

- Module includes LED Module Driver.
- Triac/ELV dimming.
- Can be used in dedicated LED housings from ELCO or used to retrofit medium base (E26) housings.
- Life span of 50,000 hours L70.
- USA designed and assembled.
- Limited 5 year warranty.

## Specifications

| | |
|---|---|
| **Wattage** | 11.4W |
| **Lumens** | 850 lm |
| **Voltage** | 120V |
| **Color Temp.** | 3000K |
| **Dimmable** | Triac/ELV |
| **Lamp Type** | LED |
| **Beam Angle** | 60° |
| **CRI** | 93+ |
| **Wet Location** | Listed |

## Options

**All White**

**Haze w/White Trim**

**Chrome w/White Trim**

**All Bronze**

**All Black**

## 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.

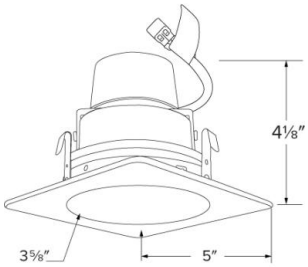
**LED Technology:**

- 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.

**Sunset:** Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

**Listings**: **c**UL Listed for Wet Location. RoHS Compliant. California Title 24 (JA8-2016).

## Dimensions





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## Product Number Builder Example: **E420R0827W**

| ELCO 4" Square on Round Reflector | Lumens | Color Temp. | Finish | Beam Angle |
|---|---|---|---|---|
| **E420R** | **08** 850 lm | **27** 2700K | **W** All White | 60º lens |
| | | **30** 3000K | **BB** All Black | **-F** 38º lens |
| | | **35** 3500K | **BZ** All Bronze | **-N** 24º lens |
| | | **40** 4000K | **C** Chrome with White Trim | **-S** 15º lens |
| | | **50** 5000K | **H** Haze with White Trim | |
| | | **SD** Sunset [1] | **MW** Matte White | |
| | | | **MB** Matte Black | |

[1] Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed


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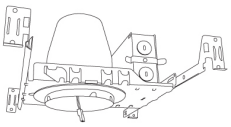
# Compatible Products

For use with **4″ LED Inserts**

## 4″ Dedicated LED IC Housings

4″ 2-Hour Fire Rated
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---|---|
| EL49FICA | 14W Max. |



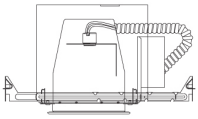
4″ LED Housing
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---|---|
| EL490ICA | 14W Max. |

4″ LED Housing
**Remodel**

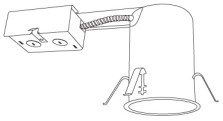
| CAT NO. | SPECIFICATIONS |
|---|---|
| EL490RICA | 14W Max. |

## 4″ E26 Base Housings



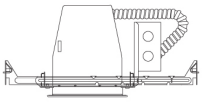
4″ IC Housing
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---|---|
| EL99ICA | 50W Max. |



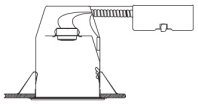
4″ IC Housing
**Remodel**

| CAT NO. | SPECIFICATIONS |
|---|---|
| EL99RICA | 50W Max. |



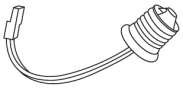
4″ Non-IC Housing
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---|---|
| EL99A | 50W Max. |

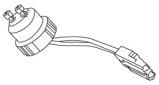


4″ Non-IC Housing
**Remodel**

| CAT NO. | SPECIFICATIONS |
|---|---|
| EL99RA | 50W Max. |



**PSA30**
Medium base to Ideal terminal connector



**PSA31**
GU10 to Ideal connector
PSA31 Available for retrofitting GU10 housings (Not shown above)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# Dimmer Compatibility Chart
# LED Module & Driver

## 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 |
|---|---|---|---|
| **Triac/ELV** | | | |
| Cooper | ASPIRE Decorator Single Pole/3-Way Dimmer | 9573WS | 10% - 100% |
| | DEVINE Decorator Dimmer | DI06P-A-K | 10% - 100% |
| Legrand | Adorne® Paddle 450W Single Pole/3-Way Dimmer | ADPD453L-W2 | 10% - 100% |
| Leviton | Illumatech Single Pole/3-Way Incandescent Dimmer | IPI06 | 10% - 100% |
| | Decora Sureslide Single Pole Slide-to-Off Incandescent Dimmer | 6631-LW | 10% - 100% |
| | Decora Sureslide Single Pole/3-Way Magnetic Low Voltage Dimmer | 6613-PL | 8% - 100% |
| Lutron | Skylark® Single Pole/3-Way Incandescent/Halogen “Eco-Dim” Dimmer | S-603PG | 5% - 85% |
| | Diva® C•L Single Pole/3-Way Dimmer | DVCL-153PR | 7%-100% |
| | Ariadni Single Pole/3-Way Dimmer | AY-600P-AL | 10% - 100% |
| | Maestro® Incandescent/Halogen Digital Fade Dimmer | MRF2-600M-WH | 10% - 100% |
| | Skylark® Single Pole/3-Way Incandescent/Halogen Dimmer | S-600P-AL | 10% - 100% |
| | Diva® Single Pole Incandescent/Halogen Dimmer | DV-600P-WH | 10% - 100% |
| | Nova® Single Pole Incandescent/Halogen Slide-to-Off Dimmer | N-600 | 10% - 100% |
| | Skylark® Single Pole Magnetic Low Voltage Dimmer | SLV-600-WH | 8% - 100% |
| | Glyder® Single Pole Magnetic Low Voltage Dimmer | GLV-600-WH | 8% - 100% |

*NOTE: Refer to dimmer manufacturer’s documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. 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.

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