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.	2700K - SunsetK
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.

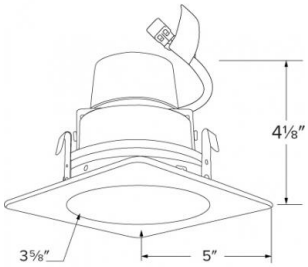
LED Technology:

- 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



© ELCO Lighting 2024. All rights reserved • Rev. 19 Mar 2024 • ELCO Lighting reserves the right to make specification and design changes without notice.

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

© ELCO Lighting 2024. All rights reserved • Rev. 19 Mar 2024 • ELCO Lighting reserves the right to make specification and design changes without notice.

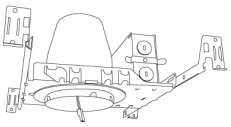
Compatible Products

For use with **4″ LED Inserts**

4″ Dedicated LED IC Housings

4″ 2-Hour Fire Rated
New Construction

CAT NO.	SPECIFICATIONS
EL49FICA	14W Max.



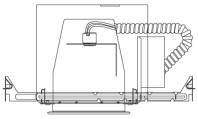
4″ LED Housing
New Construction

CAT NO.	SPECIFICATIONS
EL490ICA	14W Max.

4″ LED Housing
Remodel

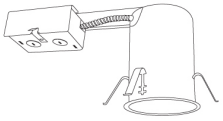
CAT NO.	SPECIFICATIONS
EL490RICA	14W Max.

4″ E26 Base Housings



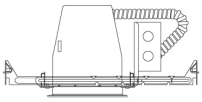
4″ IC Housing
New Construction

CAT NO.	SPECIFICATIONS
EL99ICA	50W Max.



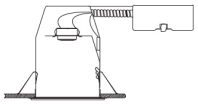
4″ IC Housing
Remodel

CAT NO.	SPECIFICATIONS
EL99RICA	50W Max.



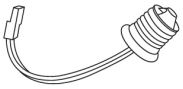
4″ Non-IC Housing
New Construction

CAT NO.	SPECIFICATIONS
EL99A	50W Max.

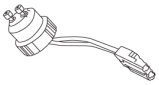


4″ Non-IC Housing
Remodel

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)

© ELCO Lighting 2024. All rights reserved • Rev. 19 Mar 2024 • ELCO Lighting reserves the right to make specification and design changes without notice.

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.

2042 E. Vernon Ave. Vernon CA 90058 Tel 323.231.2600 Fax 323.231.3200 elcolighting.com

© ELCO Lighting 2024. All rights reserved • Rev. 19 Mar 2024 • ELCO Lighting reserves the right to make specification and design changes without notice.