

4" Round LED Reflector Inserts with 5-CCT Switch

This unique LED recessed downlight gives you the options you are looking for in one fixture. The manual switch located on the driver allows you to choose between 2700K, 3000K, 3500K, 4000K or 5000K. This is the perfect light for bedrooms, kitchens, closets and generally all living spaces. Our energy saving fixture gives you all of these options at the flip of a switch.



Features

- Switch from a 2700K to 5000K by using manual switch on driver
- Soft white lens provides smooth lumen distribution
- Deep set LED trim reduces glare while providing area illumination
- Medium base to quick connect adapter included (PSA30)
- Energy Star Certified
- Title 24 JA8-2019 Compliant
- Life span of 50,000 hours L70

Specifications

| | |
|---------------------|-----------------------------------|
| Wattage | 12W |
| Lumens | 850 lm |
| Voltage | 120V |
| Color Temp. | 2700K, 3000K, 3500K, 4000K, 5000K |
| Dimmable | Triac/ELV |
| Lamp Type | LED |
| CRI | 90+ |
| Wet Location | Listed |

Options



White

Bronze

All Black

Technical Details

Optics: Soft white lens provides smooth lumen distribution

Construction: For use in IC and non-IC housings. Spun Aluminum for greater heat dissipation. High quality powder coat finish preventing rust and paint cracking.

Installation: Includes PSA30 medium base adapter for retrofitting existing housings. Quick connect for use with ELCO housings EL490ICA, EL490RICA, EL492ICA, EL492RICA, EL48FICA. PSA30 (Medium Base Socket adapter) allows for use with EL99ICA, EL99RICA, EL99FICA, EL99A, EL99RA. PSA31 (GU10 Socket Adapter, not included) allows for use with EL49ICA, EL49A, EL49RA. PSA35 (GU24 Socket Adapter, not included) allows for use with EL99ICA-G24, EL99RICA-G24. Can be used in IC and non-IC housings.

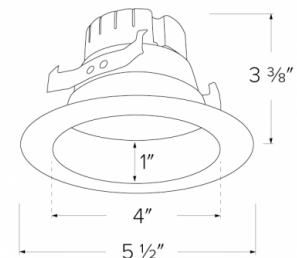
Electrical: Driver connects to 120V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

LED Technology: Extremely accurate color rendering with 90+ CRI. Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing integral heat sink. Instant On to Full Brightness. No LED pixelation.

Dimmability: Works with 120V Triac and ELV type dimmers. Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List. Industry leading dimming. Dims smoothly with no hot spots or flickering.

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.



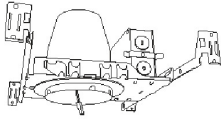
Product Numbers

| Item | Lamp type | Lumens | CCT | Watts | Voltage | Dimming | Finish |
|-------------------|-----------|--------|-----------------------------------|-------|---------|-----------|------------|
| EL415CT5W | LED | 850 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 12W | 120V | Triac/ELV | All White |
| EL415CT5BZ | LED | 850 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 12W | 120V | Triac/ELV | All Bronze |
| EL415CT5BB | LED | 850 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 12W | 120V | Triac/ELV | All Black |

Compatible Products

For use with 4" LED inserts

4" Dedicated LED ICA Housings



4" ICA Housing
New Construction



4" ICA Housing
Remodel



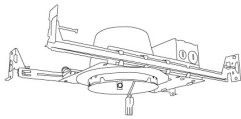
4" ICA 2-Hour Fire Rated Housing
New Construction

| CAT NO. | SPECIFICATIONS |
|--------------|--|
| EL490ICA | |
| EL490ICA-7 | 277V |
| EL490ICA-EM5 | Emergency Battery Back-up (90 minutes) |

| CAT NO. | SPECIFICATIONS |
|-----------|----------------|
| EL490RICA | 5 1/2" Height |

| CAT NO. | SPECIFICATIONS |
|----------|-----------------------------|
| EL48FICA | 7 1/2" Height - Sound Rated |

4" Shallow Dedicated LED IC Housings



4" LED Shallow Housing
New Construction

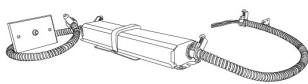


4" LED Shallow Housing
Remodel

| CAT NO. | SPECIFICATIONS |
|------------|------------------------|
| EL492ICA | 14W MAX. 3 1/2" Height |
| EL492ICA-7 | 277V |

| CAT NO. | SPECIFICATIONS |
|-----------|------------------------|
| EL492RICA | 14W MAX. 3 1/2" Height |

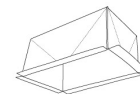
4" Accessories



Emergency Battery Backup



Fire Cover

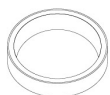


Fire Enclosure

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| KEM-LD5 | 8W, 120/277V |

| CAT NO. | SPECIFICATIONS |
|---------|---------------------|
| FIRECVR | 9 3/4" H x 17" O.D. |

| CAT NO. | SPECIFICATIONS |
|------------|----------------------------|
| FIREENCL | 20 3/8" L x 14 3/8" W |
| FIREENCL-S | Shallow, 16" L x 14 3/8" W |



Mica Fire Tape



Socket Adapter



Socket Adapter

| CAT NO. | SPECIFICATIONS |
|----------|----------------|
| FIRETAPE | 3/4" W x 16' L |

| CAT NO. | SPECIFICATIONS |
|---------|-----------------------|
| PSA30 | Medium Base Connector |

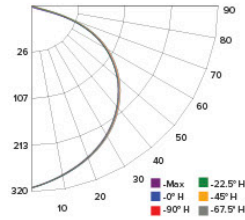
| CAT NO. | SPECIFICATIONS |
|---------|----------------------------------|
| PSA31 | GU10 to ideal terminal connector |

Photometric Report

4" Round LED Reflector Inserts with 5-CCT Switch

PHOTOMETRIC REPORT

Product #: EL415CT5 @3000K
 Wattage / Lumens: 10.2W / 778.7 lm
 Luminaire LPW: 76.3 lm/W



CANDLE POWER SUMMARY

| Degree Vertical | 0° |
|-----------------|-----|
| 0 | 311 |
| 5 | 308 |
| 15 | 293 |
| 25 | 267 |
| 35 | 228 |
| 45 | 179 |
| 55 | 126 |
| 65 | 71 |
| 75 | 21 |
| 85 | 2 |
| 90 | 0 |

ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4' | 19.5 | 10.1' |
| 6' | 8.65 | 15.2' |
| 8' | 4.87 | 20.3' |
| 10' | 3.11 | 25.3' |

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 239.7 | 30.8 |
| 0-40° | 388.3 | 49.9 |
| 0-60° | 658.5 | 84.6 |
| 0-90° | 778.5 | 100 |



ELCO Lighting

Dimmer Compatibility Chart 4" LED Inserts

For EL141 Series, EL410SD, EL415SD, EL41230, EL417 Series, EL495 Series, EL415CT5, EL427CT5, EL460CT5, EL475CT5, and ELJ42230

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 | Diva, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way | DVCL-153P | 10% - 100% |
| | Diva, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way | DVCL-153PR | 10% - 100% |
| | Diva® 250W Single Pole/3-Way Dimmer | DVCL-253P | 10% - 100% |
| | Maestro, 120V AC, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application | MA-PRO | 10% - 100% |
| | Maestro, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way | MACL-153MLH | 10% - 100% |
| | Maestro, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way | MACL-153M | 10% - 100% |
| | Maestro Wireless, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application | MRF2S-6CL | 10% - 100% |
| | Caseta, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, Multi-Location, Indoor Application | P-PKG1W | 10% - 100% |
| | Caseta Wireless, 120V AC, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way | PD-6WCL | 10% - 100% |
| | Radora, 120V AC, 50/60Hz, 600W Incandescent/Halogen, Single Pole, Indoor Application | RRD-6ND | 10% - 100% |
| | Radora 2, 120V, 50/60Hz, 250W LED/CFL, 500W Incandescent/Halogen, Single Pole/Multi-Location, Indoor Application | RRD-PRO | 10% - 100% |
| | Skylark® C-L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen | SCL-153P | 10% - 100% |
| | Sunnata, 120V AC, 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application | STCL-153PH | 10% - 100% |
| Leviton | SureSlide Decora, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent, Single Pole, 3-Way | 6674 | 10% - 100% |
| | Decora, 120V AC, 60Hz, 300W LED/CFL, 600W Incandescent, Single Pole, 3-Way | DSL06 | 10% - 100% |
| | Decora, 120V AC, 60Hz, 300W LED/CFL, 600W Incandescent, Single Pole, 3-Way | DW6HD | 10% - 100% |
| | Universal Rotary, 120V AC, 60Hz, 300W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way | RNL06 | 10% - 100% |
| Legrand | 120V AC, 60Hz, 450/700W Incandescent, LED/CFL, Single Pole, 3-Way | RHCL-453P | 10% - 100% |
| Kasa | 120VAC, 60Hz, 150W LED, 300W Incandescent, Single Pole, Indoor Application | HS220 | 10% - 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.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference 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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