

# 4" LED High Lumen Round Reflector Insert with 5-CCT Switch & 5-Lumen Switch

Our 4" LED Recessed Downlights are designed for quick and easy installation without a housing for both new construction and remodel applications, gives you the options you are looking for in one fixture. The CCT manual switch allows you to choose between 2700K, 3000K, 3500K, 4000K or 5000K. The Lumen Switch allows you to choose between 1000 (12W), 1250 (15W), 1500 (18W), 1800 (22W) or 2000 (25W) lm. IC-Rated for use with direct contact with insulation.



## Features

- IC Airtight for use with direct contact to insulation.
- Designed to fit in plenums as shallow as 3".
- Eliminates the need for housing.
- Lumens (Wattage): 1000 lm (12W), 1250 lm (15W), 1500 lm (18W), 1800 lm (22W) or 2000 lm (25W)
- 80° Standard beam angle.
- New Construction application requires mounting plate or frame.
- Remodel applications require no additional accessories.
- 90+ CRI for extremely accurate color rendering.
- Wet Location allows for use indoors or outdoors.
- Energy Star Certified, Title 24 JA8-2019 Compliant.
- Includes driver and Jbox.
- Optional emergency battery backup available.

## Specifications

|                     |                                   |
|---------------------|-----------------------------------|
| <b>Wattage</b>      | 12W, 15W, 18W, 22W, 25W           |
| <b>Lumens</b>       | 1000, 1250, 1500, 1800, 2000 lm   |
| <b>Voltage</b>      | 120/277V                          |
| <b>Color Temp.</b>  | 2700K, 3000K, 3500K, 4000K, 5000K |
| <b>Dimmable</b>     | 0-10V/Triac/ELV                   |
| <b>Lamp Type</b>    | LED                               |
| <b>Beam Angle</b>   | 80°                               |
| <b>CRI</b>          | 90+                               |
| <b>Wet Location</b> | Listed                            |

## Options



## Technical Details

**Optics:** Polycarbonate lens diffuses light evenly throughout space with no LED pixelation. 80° Standard beam angle.

**Construction:** IC rated driver and fixture are tested and approved for direct contact with insulation. Plenum rated cable connector to connect from module to remote driver box. solated driver integrated inside aluminum remote box with two knockouts with slots for pryout.

**Installation:** Designed for super shallow ceiling plenums without any housing. High strength steel spring clip for easy installation. Hole cut out template provided for accurate hole size for proper trim installation. Maximum hole size should not exceed 4 1/4" for this product. Suitable installation for t-grid and drop ceiling applications.

**Electrical:** Driver connects to 120-277V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

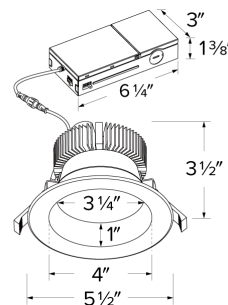
**Emergency Battery Pack:** Optional 90 minute battery pack available with test indicator switch.

**Dimmability:** Works with 120V Triac/ELV type dimmers. Or 120/277V with 0-10V dimminability on 120/277V and Triac/ELV on 120V side. Dims down to 10%. For full list of dimmers, refer to the Dimmer Compatability List.

**Listings:** ETL Listed for Wet Locations. IC-Rated for direct contact with insulation. Energy Star Certified. Title 24 JA8-2019 Compliant.

**Warranty:** 5-year limited warranty.

## Dimensions



## Product Numbers

| Item        | Description | Lamp type | Lumens                          | CCT                               | Watts                  | Voltage  | Dimming         | Beam Angle | Finish    |
|-------------|-------------|-----------|---------------------------------|-----------------------------------|------------------------|----------|-----------------|------------|-----------|
| ERT475CTSDW |             | LED       | 1000, 1250, 1500, 1800, 2000 lm | 2700K, 3000K, 3500K, 4000K, 5000K | 12W, 15W, 18W, 22W, 25 | 120/277V | 0-10V/Triac/ELV | 80°        | All White |

| Item                   | Description              | Lamp type | Lumens  | CCT    | Watts | Voltage  | Dimming         | Beam Angle | Finish               |
|------------------------|--------------------------|-----------|---------|--------|-------|----------|-----------------|------------|----------------------|
| <b>ERT475CT5DH</b>     |                          | LED       | 1000,   | 2700K, | 12W,  | 120/277V | 0-10V/Triac/ELV | 80°        | All Haze             |
|                        |                          |           | 1250,   | 3000K, | 15W,  |          |                 |            |                      |
|                        |                          |           | 1500,   | 3500K, | 18W,  |          |                 |            |                      |
|                        |                          |           | 1800,   | 4000K, | 22W,  |          |                 |            |                      |
|                        |                          |           | 2000 lm | 5000K  | 25    |          |                 |            |                      |
| <b>ERT475CT5DHW</b>    |                          | LED       | 1000,   | 2700K, | 12W,  | 120/277V | 0-10V/Triac/ELV | 80°        | Haze with White Trim |
|                        |                          |           | 1250,   | 3000K, | 15W,  |          |                 |            |                      |
|                        |                          |           | 1500,   | 3500K, | 18W,  |          |                 |            |                      |
|                        |                          |           | 1800,   | 4000K, | 22W,  |          |                 |            |                      |
|                        |                          |           | 2000 lm | 5000K  | 25    |          |                 |            |                      |
| <b>ERT475CT5DW-EM</b>  | Emergency Battery Backup | LED       | 1000,   | 2700K, | 12W,  | 120/277V | 0-10V/Triac/ELV | 80°        | All White            |
|                        |                          |           | 1250,   | 3000K, | 15W,  |          |                 |            |                      |
|                        |                          |           | 1500,   | 3500K, | 18W,  |          |                 |            |                      |
|                        |                          |           | 1800,   | 4000K, | 22W,  |          |                 |            |                      |
|                        |                          |           | 2000 lm | 5000K  | 25    |          |                 |            |                      |
| <b>ERT475CT5DH-EM</b>  | Emergency Battery Backup | LED       | 1000,   | 2700K, | 12W,  | 120/277V | 0-10V/Triac/ELV | 80°        | All Haze             |
|                        |                          |           | 1250,   | 3000K, | 15W,  |          |                 |            |                      |
|                        |                          |           | 1500,   | 3500K, | 18W,  |          |                 |            |                      |
|                        |                          |           | 1800,   | 4000K, | 22W,  |          |                 |            |                      |
|                        |                          |           | 2000 lm | 5000K  | 25    |          |                 |            |                      |
| <b>ERT475CT5DHW-EM</b> | Emergency Battery Backup | LED       | 1000,   | 2700K, | 12W,  | 120/277V | 0-10V/Triac/ELV | 80°        | Haze with White Trim |
|                        |                          |           | 1250,   | 3000K, | 15W,  |          |                 |            |                      |
|                        |                          |           | 1500,   | 3500K, | 18W,  |          |                 |            |                      |
|                        |                          |           | 1800,   | 4000K, | 22W,  |          |                 |            |                      |
|                        |                          |           | 2000 lm | 5000K  | 25    |          |                 |            |                      |

Product Number Builder
Example: ERT475CT5DW

4" LED Round Reflector Insert with  
5-CCT/Lumen

Color Temp.

Finish

Optional

ERT475

CT5D 2700K-5000K

W All White

H All Haze

HW Haze with White Trim

No Emergency Battery

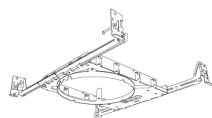
-EM Up to 25W Em. Battery

# Compatible Products

For use with 4" Elm™ System Slim Panels

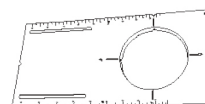


## 4" Elm™ New Construction Frames



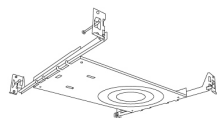
Frame with Hanger Bars  
**New Construction**

| CAT NO.          | SPECIFICATIONS               |
|------------------|------------------------------|
| E4LF1 (4" Round) | 8 ½" L x 6" W x 4 ¼" Opening |



Round Mounting Plate  
**New Construction**

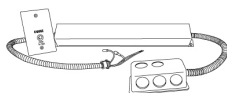
| CAT NO.         | SPECIFICATIONS                  |
|-----------------|---------------------------------|
| EMP4 (4" Round) | 13 ¼" L x 6 ¼" W x 4 ⅜" Opening |



Universal Frame for 2", 4" and 6" Downlights  
**New Construction**

| CAT NO. | SPECIFICATIONS   |
|---------|------------------|
| E246LF1 | 12 ⅛" L x 7 ⅝" W |

## 4" Accessories



**Emergency Battery Backup**

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| KEM-ERT | 25W, 120/277V  |



**ELCO Lighting**

# Dimmer Compatibility Chart

## Elm™ System 5-CCT LED Downlights

For ERT311CT5, ERT412CT5, ERT413CT5, ERT415CT5, ERT417FCT5, ERT627FCT5, ERT613CT5, ERT615CT5 and ERT625CT5

### 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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