

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

Our 6" 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 (16W), 1500 (19W), 2000 (25W) or 2500 (32W) lm. IC-Rated for use with direct contact with insulation.



Features

- IC Airtight for use with direct contact to insulation
- Eliminates the need for housing
- 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
- Title 24 JA8-2019 Compliant
- Includes driver and Jbox

Specifications

| | |
|---------------------|-----------------------------------|
| Wattage | 12W, 16W, 19W, 25W, 32W |
| Lumens | 1000, 1250, 1500, 2000, 2500 lm |
| Voltage | 120/277V |
| Color Temp. | 2700K, 3000K, 3500K, 4000K, 5000K |
| Dimmable | 0-10V/Triac/ELV |
| Lamp Type | LED |
| CRI | 90+ |
| Wet Location | Listed |

Options



All White

Haze with White Trim

All Haze

Technical Details

Optics: Polycarbonate lens diffuses light evenly throughout space with no LED pixelation.

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. Isolated 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 6 1/4" for this product. Suitable installation for t-grid and drop ceiling applications.

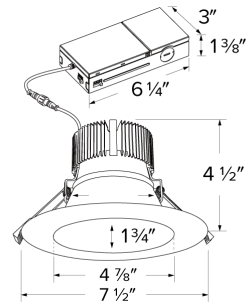
Electrical: Driver connects to 120-277V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

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 Compatibility List.

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

Warranty: 5-year limited warranty.

Dimensions



Product Numbers

| Item | Lamp type | Lumens | CCT | Watts | Voltage | Dimming | Finish |
|--------------|-----------|---------|--------|-------|----------|-----------------|----------------------|
| ERT685CT5DW | LED | 1000, | 2700K, | 12W, | 120/277V | 0-10V/Triac/ELV | All White |
| | | 1250, | 3000K, | 16W, | | | |
| | | 1500, | 3500K, | 19W, | | | |
| | | 2000, | 4000K, | 25W, | | | |
| | | 2500 lm | 5000K | 32W | | | |
| ERT685CT5DH | LED | 1000, | 2700K, | 12W, | 120/277V | 0-10V/Triac/ELV | All Haze |
| | | 1250, | 3000K, | 16W, | | | |
| | | 1500, | 3500K, | 19W, | | | |
| | | 2000, | 4000K, | 25W, | | | |
| | | 2500 lm | 5000K | 32W | | | |
| ERT685CT5DHW | LED | 1000, | 2700K, | 12W, | 120/277V | 0-10V/Triac/ELV | Haze with White Trim |
| | | 1250, | 3000K, | 16W, | | | |
| | | 1500, | 3500K, | 19W, | | | |
| | | 2000, | 4000K, | 25W, | | | |
| | | 2500 lm | 5000K | 32W | | | |

Product Number Builder Example: **ERT685CT5DW**

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

Color Temp.

Finish

ERT685

CT5D 2700K-5000K

W All White
H All Haze
HW Haze with White Ring

Compatible Products

For use with 6" Elm™ System Slim Panels

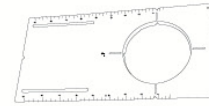


6" Elm™ New Construction Frames



Frame with Hanger Bars
New Construction

| CAT NO. | SPECIFICATIONS |
|------------------|----------------------------------|
| E6LF1 (6" Round) | 9" L x 6 3/4" W x 6 1/4" Opening |



Round Mounting Plates
New Construction

| CAT NO. | SPECIFICATIONS |
|-----------------|---------------------------------------|
| EMP6 (6" Round) | 17 1/4" L x 8 3/8" W x 6 1/4" Opening |



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

| CAT NO. | SPECIFICATIONS |
|---------|----------------------|
| E246LF1 | 12 1/8" L x 7 5/8" W |



ELCO Lighting

Dimmer Compatibility Chart

Elm™ System 5-CCT LED Downlights

For ERT311CT5, ERT412CT5, ERT413CT5, ERT415CT5, ERT41DXCT5, ERT475CT5, ERT495CT5, ERT613CT5, ERT615CT5, ERT61DXCT5, ERT625CT5, ERT685CT5, ERT695CT5, and ERT81DXCT5

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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