

# 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
- Lumens (Wattage): 1000 lm (12W), 1250 lm (16W), 1500 lm (19W), 2000 lm (25W), 2500 lm (32W).
- 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

<b>Wattage</b>	12W, 16W, 19W, 25W, 32W
<b>Lumens</b>	1000, 1250, 1500, 2000, 2500 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>CRI</b>	90+
<b>Wet Location</b>	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.

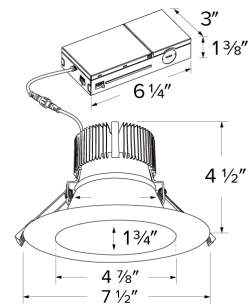
**Electrical:** Driver connects to 120-277V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

**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	32			
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	32			
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	32			

**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

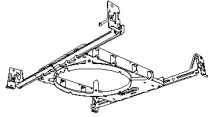
# Compatible Products

For use with 6" Elm™ System Slim Panels



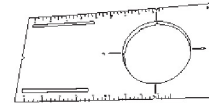
## 6" Elm™ New Construction Frames

---



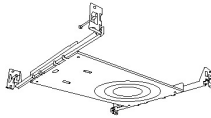
Frame with Hanger Bars  
**New Construction**

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

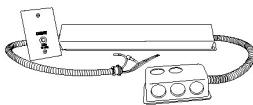


Universal Frame for 2", 4" and 6" Downlights  
**New Construction**

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

## Accessories

---



90 minutes  
**Emergency Battery Backup**

CAT NO.	SPECIFICATIONS
KEM-ERT	6W, 120/277V,



**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%
	Radiora, 120V AC, 50/60Hz, 600W Incandescent/Halogen, Single Pole, Indoor Application	RRD-6ND	10% - 100%
	Radiora 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.



2042 E. Vernon Ave. Vernon CA 90058 Tel 323.231.2600 Fax 323.231.3200 [elcolighting.com](http://elcolighting.com)