

6" 0-10V, TRIAC/ELV DIMMABLE LED DOWNLIGHTS

13W, 19W, 24W, 2700K-5000K, 1000lm, 1500lm, 2000lm

THE PLY™ SYSTEM

Triac/ELV and 0-10V dimmable options provide the versatility you are looking for. Engineered with energy-efficient LED technology and available with 120V or 120/277V drivers, this fixture offers a budget-friendly dimming solution. Designed for both New Construction and Remodel applications using ELCO Ply™ System Housings.



FEATURES

- IC Airtight rated for direct contact with insulation
- Switch to choose desired color temperature and lumen output
- Life span of 50,000 hours L70
- Encased quick connector for easy-module installation

SET UP

1. Select a Housing.
2. Select a Light Engine.



SPECIFICATIONS

Wattage	5-CCT/Lumen Switch Option: 13W / 19W / 24W
	Adjustable Inserts: 12.6W
Lumens	5-CCT/Lumen Switch Option: 1000 / 1500 / 2000 lm
	Adjustable Inserts: 850 lm - 900 lm
Voltage	120/277V or 120V
Color Temp.	27K, 30K, 35K, 40K, 50K
CRI	90+
Damp Location	ETL Listed with Adjustable Trims
Wet Location	ETL Listed with Fixed Trims
Dimming	0-10V & Triac/ELV options
Finishes	White
	Black
	Bronze
	Haze
	Haze/White
	Chrome/White

PRODUCT NUMBER BUILDER

◆ = ELCO's Choice

1. Specify housing part number

6" 0-10V PLY™ DEDICATED LED HOUSINGS

IC HOUSINGS Example: EL770ICDXA

ITEM	HEIGHT	HOUSING	ICA	OPTIONAL
EL7				
EL7	70 ♦ 7 ½" Height	(Blank) ♦ New Construction	ICDXA ² IC Rated for Direct Contact	(Blank) ♦ No EM Backup
	60 5 ½" Height (Shallow)	R Remodel		-EM5 Emergency Backup
	♦ = ELCO's Choice	♦ = ELCO's Choice	² 0-10V/Triac/ELV, 120/277V dependant on insert used	♦ = ELCO's Choice
	2-Hr Fire Rated Deidicated LED Housings			
	6FICDXA ¹ 7 ¾" Height, IC Rated for Direct Contact			
	5FICDXAS ¹ 6 ⅜" Height (Shallow), IC Rated for Direct Contact			
¹ 0-10V/Triac/ELV, 120/277V dependant on insert used				

2. Specify insert part number

◆ = ELCO's Choice

6" 0-10V PLY™ INSERTS

ROUND FIXED TRIMS



ITEM	STYLE	COLOR TEMPERATURE	DIMMING/VOLTAGE	FINISH
EL6				
EL6	85 Reflector ¹	CT5 27K, 30K, 35K, 40K, 50K ¹	D 0-10V, 120/277V	W ◆ All White BB All Black ¹ H All Haze ³ HW Haze White ³ CW Chrome/White ³
	¹ Lumen Switch (Wattage): 1000 lm (13W), 1500 lm (19W), 2000 lm (24W)	¹ Manual switch to choose desired Color Temperature and Lumen Output		◆ = ELCO's Choice

ROUND ADJUSTABLE TRIMS

ITEM	STYLE	COLOR TEMPERATURE	DIMMING/VOLTAGE	FINISH
EL6				
EL6	97 Adjustable	27 2700K ¹ 30 ◆ 3000K ²	DX 0-10V/Triac/ELV, 120/277V	W ◆ All White B All Black BZ All Bronze
		◆ = ELCO's Choice ¹ Lumens (Wattage): 850 lm (12.6W) ² Lumens (Wattage) 900 lm (12.6W)		◆ = ELCO's Choice

PRODUCT NUMBER BUILDER

♦ = ELCO's Choice

1. Specify housing part number

6" TRIAC/ELV PLY™ DEDICATED LED HOUSINGS

IC HOUSINGS Example: EL770ICA

ITEM	HEIGHT	HOUSING	ICA	OPTIONAL
EL7				
EL7	70 ♦ 7 ½" Height	(Blank) ♦ New Construction	ICA ² IC Rated for Direct Contact	(Blank) ♦ No EM Backup
	60 5 ½" Height (Shallow)	R Remodel		-EM5 Emergency Backup
	♦ = ELCO's Choice	♦ = ELCO's Choice	² Triac/ELV, 120V dependant on insert used	♦ = ELCO's Choice
	2-Hr Fire Rated Deidicated LED Housings			
	6FICA ¹ 7 ¾" Height IC Rated for Direct Contact			
	5FICAS ¹ 6 ⅜" Height (Shallow) IC Rated for Direct Contact			
¹ Triac/ELV, 120V dependant on insert used				

2. Specify insert part number

♦ = ELCO's Choice

6" TRIAC/ELV PLY™ INSERTS

FIXED TRIMS



ITEM	STYLE	COLOR TEMPERATURE	FINISH
EL6			
EL6	37 Round Reflector	CT5 27K, 30K, 35K, 40K, 50K	W ♦ All White BB All Black HW Haze/White
	¹ Lumen Switch (Wattage): 1000 lm (14W), 1500 lm (18W), 2000 lm (24W)		♦ = ELCO's Choice

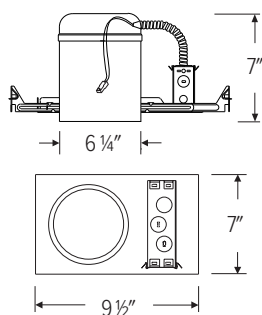
ADJUSTABLE TRIMS

ITEM	STYLE	COLOR TEMPERATURE	FINISH	GENERATION
EL6				
EL6	16 ¹ Round Adjustable Gimbal 97 ² Round Pull-Down	CT5 27K, 30K, 35K, 40K, 50K	W All White BB All Black B ³ All Black BZ ³ All Bronze	(Blank) ⁴ N/A 2 ⁵ Second Generation
	¹ Lumens (Wattage): 1000 lm (13W) ² Lumens (Wattage): 950 lm (11W)		³ For Adjustable Gimbal only	⁴ For Adjustable Gimbal only ⁵ For Round Pull-Down only

PRODUCT DIMENSIONS

PLY™ LED HOUSINGS

STANDARD NEW CONSTRUCTION HOUSING



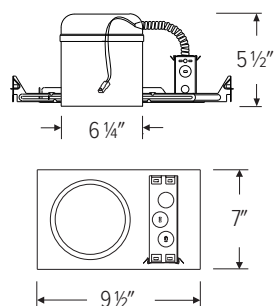
EL770ICA



EL770ICDXA



SHALLOW NEW CONSTRUCTION HOUSING



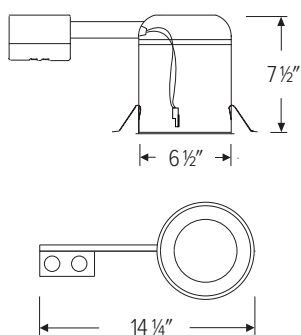
EL760ICA



EL760ICDXA



STANDARD REMODEL HOUSING



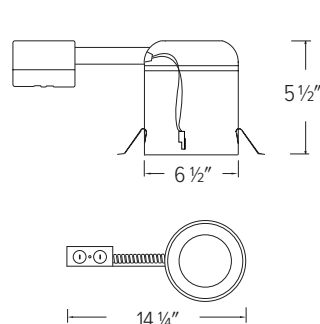
EL770RICA



EL770RICDXA



SHALLOW REMODEL HOUSING



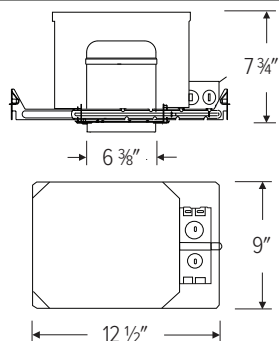
EL760RICA



EL760RICDXA



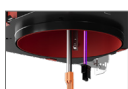
2-HOUR FIRE RATED HOUSINGS



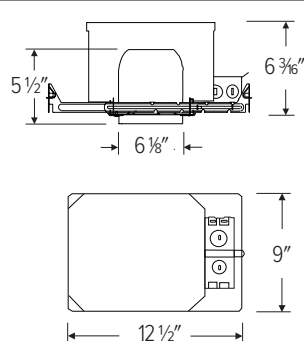
EL76FICA



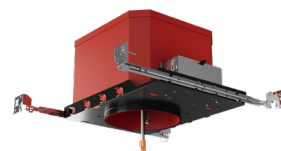
EL76FICDXA



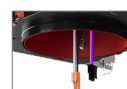
REMODEL HOUSING FOR 2-HOUR FIRE RATED CEILINGS



EL75FICAS

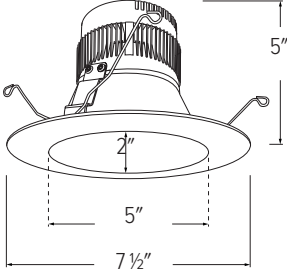


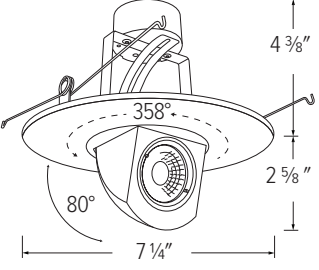
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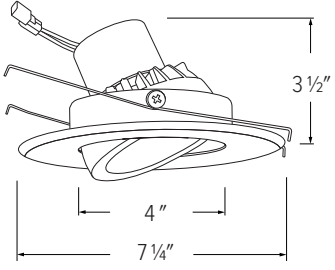


PRODUCT DIMENSIONS

PLY™ ROUND TRIMS

6" ROUND REFLECTOR		
	EL637CT5 TRIAC/ELV	EL685CT5 0-10V
	 	 

6" ROUND ADJUSTABLE		
	EL697CT5 TRIAC/ELV	EL697 0-10V/TRIAC/ELV
	 	 
Includes 28°, 40° & 60° lens		

EL616 - 6" TRIAC/ELV ROUND ADJUSTABLE GIMBAL	
	
	

TECHNICAL DETAILS

Optics: Frosted polycarbonate lens diffuses light evenly throughout while reducing glare with LED Array technology.

Construction (Housing): Single wall IC rated for direct contact with insulation, for use in IC or non-IC conditions. Housing adjusts in frame to accommodate up to 1 ¼" ceiling thickness. Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements. Steel housing for greater heat dissipation. Stamped galvanized steel frame.

Construction (Light Engine): 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 (Housing): Designed for ceiling plenums where 2x8 regular and 2x6 shallow joists or taller joists are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 6 ¼" for New Construction housing. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Installation (Remodel): Designed for ceiling plenums where 2x8 regular and 2x6 shallow joists or taller joists are used. Maximum hole cutout is 6 ½". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Installation (Light Engine): Quick connect for use with EL76FICDXA, EL76FICDXA-B, EL760ICDXA, EL760ICDXA-B, EL760ICDXA-EM5 and EL760RICDXA.

Junction Box: Positioned to accommodate straight conduit runs. Seven ½" trade size conduit knockouts, four ¾" knockouts. Romex cable trap.

Hanger Bars: Pre-installed hanger bars with TrueNail facilitate easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while aligning the housings with the joists.

Input Voltage: 120V or 120/277V. Inherently protected.

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.

Electrical (Light Engine): Driver connects to 120V or 120/277V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

Dimming: -D & -DX work with 0-10V dimmers, others work with Triac/ELV 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.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

Listings: Trims are ETL Listed for Damp Location. ETL Listed for Wet Location with select trims. Housings are UL Listed for Feed Through. UL Listed for Direct Contact with Insulation and Combustible Material. Airtight per ASTM E-283. JA8-2022-E Title 24 Compliant. RoHS Compliant. ENERGY STAR® Certified.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

DIMMER COMPATIBILITY CHART

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
0-10V Type Dimmers - 120/277V Only			
Lutron	Diva®, 120/277V, 0-10V, Single Pole, 3-Way	DVSTV-WH	10% - 100%
	Nova T®, 120/277V, 0-10V, Single Pole, Slide-to-off	NTSTV-DV-WH	10% - 100%
Philips	Sunrise, 120/277V, 0-10V, LED/CFL, Preset Slider, 3-Way	SR1200ZTUNV	10% - 100%
Triac/ELV Type Dimmers - 120V Only			
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.

