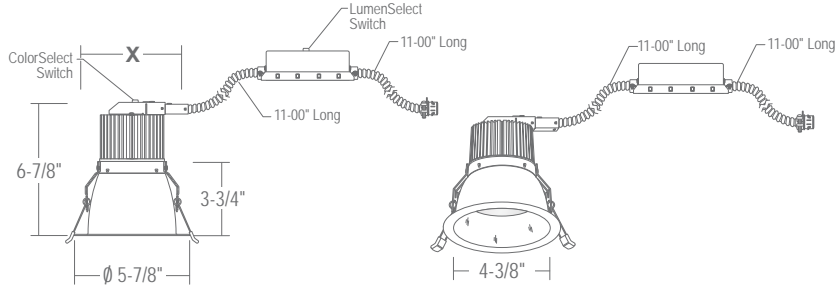


## CRTR4LS : 4" C-SERIES

LUMEN/COLORSELECT RETROFIT/REMODEL 1600LM - 2300LM (18W-28W)

- Three LumenSelect options with ColorSelect 3000k, 3500k, 4000k (84CRI) switch
- New junction box option for remodels without frames



Ceiling Cut-Out X: = Min. 5", Max. 5-1/4", Ceiling Thickness: Min. 3/8", Max. 1-1/2" for Retrofit with Spring Clip (-SPR)



### ORDERING – Example: CRTR4LS1623SW-TS354

<b>CRTR4LS1623</b>					
LumenSelect Reflector	IC Option	Reflector Finish	Dimming	Color Temperature	Junction Box
LumenSelect Reflector		Reflector Finish	Dimming <sup>1</sup>	Color Temperature	Junction Box
1600lm (18W) <sup>5</sup> <b>CRTR4LS1623</b>		Satin Haze Reflector/ White Ring <b>SW</b>	0-10V Dimming <b>UE-D10</b>	Colorselect <b>-TS354</b>	None <b>Blank</b>
1900lm (22W) <sup>5</sup>		White Reflector/ White Ring <b>WW</b>	2 - Wire 10% <b>-DIN</b>	3000k, 3500k, 4000k (84CRI)	Junction Box <b>-JB</b>
2300lm (28W)		All Black <b>BB</b>	Dimming (120V)		Junction Box <b>-JB-CHP</b> (Chicago Plenum)
		Clear Specular Reflector/White Ring <b>CW</b>			
		All Satin Haze <b>SS</b>			
	IC Option				
	Non-IC <b>Blank</b>				
	IC Rated/ Airtight <b>ICA<sup>5</sup></b>				

CRTR4LS1623	DRIVER SET LOW	DRIVER SET MID	DRIVER SET HIGH
LUMENS (delivered)	1600	1900	2300

<sup>1</sup> All drivers are 120V/277V unless otherwise noted.  
<sup>5</sup> (ICA) is only available on 1600lm (18W), and 1900lm (22W)

## SPECIFICATION

### Application

Architectural/Commercial-grade recessed lensed LED retrofit/remodel downlight for low to high ceilings with existing open style frame.

### Retrofit Mounting

Designed for use with existing 4" Architectural, Incandescent, Fluorescent, and Metal Halide Housings like LITON Brand LV41, and LH400. Supplied with flexible metal conduit for connection to existing electrical junction box. Uses existing frame-in-kits mounting method via clips or heavy duty tension springs option. Consult factory for special mounting methods.

Use the -JB Junction box option for remodel applications that don't have an existing housing frame or an electrical junction box close by. The retaining spring clips option allows for mounting to wood or gypsum board ceilings without the need of a frame.

### LumenSelect

Multi-lumen offering switches between 1600lm (18W), 1900lm (22W), and 2300lm (28W).

### Driver

(UE-D10) 120V/277V AC 50/60Hz Electronic Direct Current Class 2. Input current 0.50 Amps at 115VAC. Power Factor > 0.90. Operating Temperature: -20°C to +50°C / -4°F to +131°F. Accessible from above or below ceiling. Standard 0-10V works with most 5-wire, 0-10V dimmers. Factory qualified for use with Leviton IP710-DLZ.

(-DIN) dimming option smoothly dims down to 5% of initial light output with flicker-free performance. Works with standard 120V incandescent dimmers.

### Color Temperature

Available in 2700K, 3000K, 3500K, and 4000K.

### Insulation Contact

Non-IC rated housing must be kept 3" from loose-fill insulation. IC-Rated/Airtight (ICA) option is for direct insulation contact

### Power Connection

LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 requirements and other standards restricting the use of Medium Base or Bi-Pin sockets.

### Thermal Management

Heat dissipation facilitated by a large exposed integral aluminum heat sink to maximize heat dissipation in an open-air environment. IC Option thermally engineered to ensure stated L70 LED life without the need for external box. The recommended ambient temperature should be below 35°C to achieve a minimum L70 life of 50,000 hours according to the LM80 standard.

### Reflector

Frosted polycarbonate lens pre-installed on reflector unifies diode sources and protects diodes from dust and particles from front of aperture.

### Reflector Finish

1-piece, self-flanged, dual reflector LED design enables a clean trim finish without secondary trim ring. Heavy gauge aluminum reflector prevents ugly dents during shipping & installation. Deeply mounted singular LED provides 50° visual cutoff. Available in Satin Haze Reflector/White Ring, White Reflector/White Ring, All Black, Clear Specular Reflector/White Ring, and All Satin Haze.

### Junction Box

(-JB) option is 18-gauge pre-wired aluminum Junction Box, 18 cubic-inch for a maximum of (6) #12AWG wires. Furnished with (2) 1/2" knockouts. Strain clamps to install or remove covers for easy access and ground wire. (-JB-CHP) option is Chicago Plenum, air-tight Junction Box.

### Airflow

IC-Rated/Airtight (ICA) reflector design is designed to restrict air flow from room into plenums in compliance to the WSEC - Washington State Energy Code, (Less than 2.0 CFM -Cubic Feet per Minute).

### Certifications and Listings

cETLus listed. Suitable for dry, damp, and wet locations. NYC approved. Calendar #41937. Conforms to City of Chicago Environmental Air CCEA-200 with Section 18-27-300.22 and special requirements Section 14-20-210C-4. Assembled in USA.

### Lamp Equivalents

32W/42W CFL, 2 x 26W CFL.

### Caution

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

### Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C. Installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

### Quick Ship Items

All item options are Quick Ship