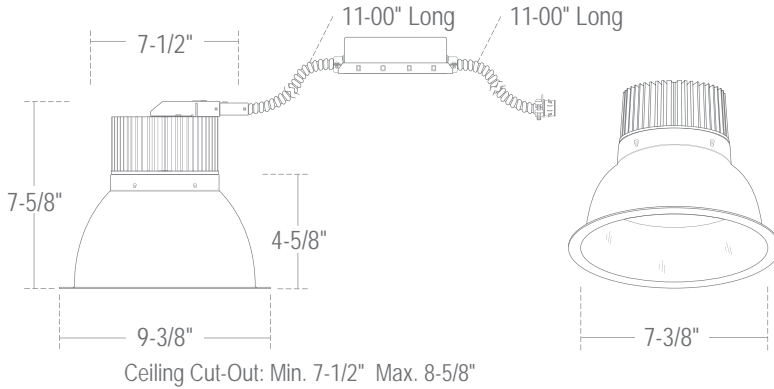


## CRTR8L - 8" C-SERIES

LED RETROFIT AMBER (TURTLE SAFE) 1100LM-4400LM (10W-30W)

- New Jbox Option for Remodel Installations without Frames
- 590nm AMBER Turtle Safe retrofit
- 0-10V Dimming Standard
- Usually Ships 2-3 days
- Smooth diffused illumination. No visible LED's or hot spots.
- Heavy Duty Self-Flanged Reflector
- No Visible Screws or Hardware



### ORDERING - Example: CRTR8L10BBF-TAM

#### CRTR9L

Fixture	Lumens	IC Option	Reflector Finish	Dimming	Color Temperature	J-Box
	Lumens		Reflector Finish		J-Box	
	1000lm (10W) <b>10</b>		Satin Haze Reflector/ White Ring <b>BBF</b>		None <b>Blank</b>	
	1500lm (18W) <b>15</b>				4" Junction Box <b>-JB</b>	
	2300lm (30W) <b>22</b>					
	3800lm (50W) <b>36</b>					
	4400lm (58W) <b>48</b>					
		IC Option	Color Temperature			
		Non-IC <b>Blank</b>	590nm AMBER <b>-TAM</b>			
		IC Rated/ Airtight <b>ICA²</b>				

347V Input with 0-10V Dimming available. Consult factory for lead times.

### COMPATIBLE ITEMS

**VR800**  
Outdoor Vandal Resistant  
Ceiling/ Wall Kit

**P-CR872**  
8" Commercial Wall  
Wash Accessory



## SPECIFICATION

### Application

This Turtle Safe Commercial-grade LED recessed downlight retrofit is designed for low to high ceilings with existing open style frame. Lensed fixture.

### Retrofit Mounting

Designed for use with existing 8" Architectural, Incandescent, Fluorescent, and Metal Halide Housings like LITON Brand LFH8, LFH8R, LFH8, LFH86, LVH8, LH800, LVH8R1 and LVH81. Supplied with flexible metal conduit for connection to existing electrical junction box. Uses existing frame-in-kits mounting method via clips option. Consult factory for special mounting methods.

### Dimming

Standard 0-10v dimming works with most 5-Wire 0-10V dimmers. Factory qualified for use with Leviton IP710-DLX and Lutron NTFTV-WH.

### Driver

120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver. 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. Consult factory for compatible dimmers. Uni-Dim™ dimming option (-DUN) is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

### Insulation Contact

Non IC rated, must be kept 3" from insulation.

### 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 exposed integral aluminum heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35°C to achieve a minimum L70 life of 50,000 hours according to LM80 testing.

### 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.

### Warranty

Covered by a 5 year warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperatures above 40°C. Doing so will result in reduced lamp life and voided warranty.

### Safety Labels

ETL/cETL listed. Suitable for dry, damp, and wet locations. NYC approved. Calendar #41937

### Trim

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

### Reflector Finish

Available in All Black.

### Color Temperature

LED color temperature is verified as 585nm minimum and 595nm maximum.

### Label

cETL Listed

### Assembled in USA

### Turtle Safe Requirements

#### LOW

The product is designed for low to medium ceiling heights and delivered lumen output is sufficient to produce enough foot candles to satisfy building codes but not overpower the environment with excessive lumen output.

#### SHIELDED

The trim is deeply recessed and provides a minimum of 50° of glare cutoff. The trim reflector color is black to limit reflections. The beam spread is tightly controlled.

#### LONG

LED color is verified as 585nm minimum and 595nm maximum.