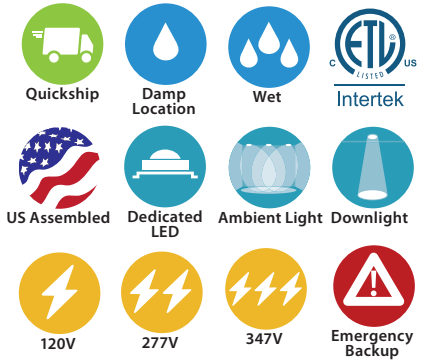


CRTR8SHL - 8" C-SERIES

SUPER LOW GLARE, SHALLOW LED RETROFIT/REMODEL
1000LM - 2400LM (10W-30W)



Ceiling Cut-out: Min. 7-1/2", Max. 7-7/8"
Ceiling Thickness: Min. 1/4", Max. 2"



- Deeply recessed lens and 67.5° visual cutoff for reduced glare
- Shallow 3-7/8" depth for ceilings with minimal plenum air-space
- New junction box option for remodels without frames
- Non-conductive dead-front flanged option (-LENS) for wet locations

ORDERING : CRTR8SHL17SWUE-10-T30

CRTR8SHL							
Fixture/Lumens	Insulation Contact	Reflector Finish	Dimming	CCT	Options	Junction Box	
	Insulation Contact		Dimming ¹		Options		
	Non-IC Blank		0-10V Dimming UE-D10		None	Blank	
	ICA Rated/ ICA³		UniDim™ 0-10V ELV UE-DUN		Lens for wet locations	-LENS60	
	Airtight		and Triac Dimming		w/ 60° Beam Spread		
			Lutron HighLume UE-DHL		Lens for wet locations	-LENS110	
			120V ELV and -DIN		w/ 110° Beam Spread		
			Triac Dimming				
			347V -347				
			0-10V Dimming UE-D10-EM				
			w/ 10W Emergency				
Fixture/Lumens	Reflector Finish			CCT		Junction Box	
1000lm (10W) CRTR8SHL10	Satin Haze Reflector/ SW			3000K -T30		None	Blank
1200lm (14W) CRTR8SHL12	White Ring			3500K -T35		Junction Box	-JB
1700lm (20W) CRTR8SHL17	White Reflector/ WW			4000K -T40		Junction Box	-JB-CHP
2400lm (30W) CRTR8SHL24³	White Ring					(Chicago Plenum)	
	All Black BB²						
	All Satin Haze SS²						

¹ All drivers are 120V/277V unless otherwise noted.

² Extended Lead Time. Consult Factory.

³ ICA is not available for CRTR8SHL24.

SPECIFICATION

Application

Architectural/Commercial-grade super-low glare, shallow recessed lensed LED luminaire is for retrofit/remodel projects where there is minimal plenum air-space in ceiling. Deeply recessed lens provides reduced glare and visual comfort.

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 heavy duty tension springs. Consult factory for special mounting methods.

Driver

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.

(UE-D10) 0-10V dimming works with most 5-wire, 0-10V dimmers. Factory qualified for use with Leviton IP710-DLZ.

(UE-DUN) Uni-Dim™ dimming option is a universal dimming system that works with most 3-wire ELV, 2-wire incandescent and 120V/277V 5-wire 0-10V fluorescent dimmers.

(UE-DHL) Lutron HiLume is a 3-wire driver that provides smooth, continuous 1% dimming for virtually any LED fixture.

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

(-347) is a 0-10V driver that takes 347V input.

(UE-D10-EM) 0-10V with 10W Emergency backup works with most 120V/277V, 5-wire, 0-10V dimmers.

Emergency Options

Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch and plate cover included.

Color Temperature

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

Power Connection

LED lamp 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. 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 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 Finish, White Reflector/White Finish, All Black, and All Satin Haze.

Non-Conductive Dead-Front Flange

(-LENS60) and (-LENS110) options feature non-conductive dead-front flange for wet locations.

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

Airtight 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 and damp locations with wet location options available. 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.