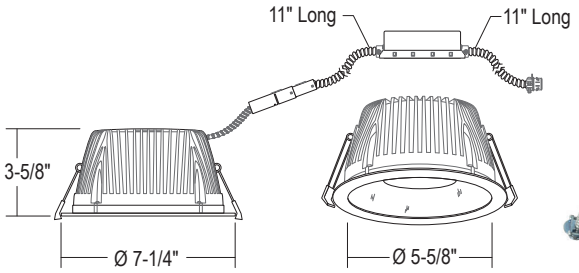
TYPE PROJECT

CATALOG#

CRTR6SHL - 6" C·SERIES

SUPER LOW GLARE, SHALLOW LED RETROFIT/REMODEL 1000LM - 1700LM (10W-20W)



Ceiling Cut-out: Min. 6-3/8", Max. 6-5/8"
Ceiling Thickness: Min. 1/4", Max. 2"

Quickship | Damp Location | Wet | Intertek

US Assembled | Dedicated LED | Ambient Light | Downlight

120V | 277V | 347V | Emergency Backup

- Deeply recessed lens and 65.5° visual cutoff for reduced glare
- Shallow 3-5/8" 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 : CRTR6SHL17SWUE-D10-T30

CRTR6SHL

Fixture/Lumens | Insulation Contact | Reflector Finish | Dimming | CCT | Options | Junction Box

Insulation Contact

Non-IC	**Blank**
ICA Rated/ Airtight	**ICA**

Dimming[1]

0-10V Dimming	**UE-D10**
UniDim™ 0-10V ELV and Triac Dimming	**UE-DUN**
Lutron HighLume	**UE-DHL**
120V ELV and Triac Dimming	**-DIN**
347V	**-347**
0-10V Dimming w/ 10W Emergency	**UE-D10-EM**

Options

None	**Blank**
Lens for wet locations w/ 60° Beam Spread	**-LENS60**
Lens for wet locations w/ 110° Beam Spread	**-LENS110**

Fixture/Lumens

1000lm (10W)	**CRTR6SHL10**
1200lm (14W)	**CRTR6SHL12**
1700lm (20W)	**CRTR6SHL17**

Reflector Finish

Satin Haze Reflector/ White Ring	**SW**
White Reflector/ White Ring	**WW**
All Black	**BB[2]**
All Satin Haze	**SS[2]**

CCT

3000K	**-T30**
3500K	**-T35**
4000K	**-T40**

Junction Box

None	**Blank**
Junction Box	**-JB**
Junction Box (Chicago Plenum)	**-JB-CHP**

2024.03.19

[1] All drivers are 120V/277V unless otherwise noted.
[2] Extended Lead Time. Consult Factory.

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 6" Architectural, Incandescent, Fluorescent, and Metal Halide Housings. 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: -20ºC to +50ºC / -4ºF to +131ºF. 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 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 (CCT)
Available in 3000K, 3500K, 4000K and ColorSelect 3000K/3500K/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.