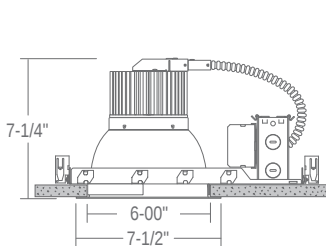
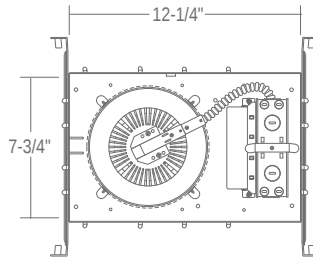


CH618 - 6" C-SERIES LED DOWNLIGHT - 1500LM (18W) - AMBER (TURTLE SAFE)

- Heavy Duty Self-Flanged Reflector
- Standard with 0-10V Dimming
- Twist and Lock reflector for quick access to LED lamp array



Ceiling Cut-out: 6-3/8"
Ceiling Thickness: 1" Max



ORDERING – Example: CH618UE-D10/CR6L22BBF-TAM

CH618

Fixture IC Rated Option Housing Option Reflector Finish Reflector Option Color Temperature

Fixture

120/277V Downlight **CH618**
1500lm (18W)

IC Rated Option

Non-IC **Blank**
ICA Rated **ICA**

Housing Option

0-10V Dimming **UE-D10**
GTD Device **UE-D10-GTD**
Chicago Plenum **UE-D10-CHP**
12W Emergency Back-Up **UE-D10-EM**
25W Emergency Back-Up **UE-D10-EMAC**

Reflector Finish

All Black **/CR6L22BBF**

Reflector Option

None **Blank**
Integral EM-Switch* **-EMA¹**

Color Temperature

590nm Amber **-TAM**

¹ Only available for EM Housings

COMPATABILITY

VR800

Round Vandal Resistant
Kit for 8"



P-CR672SW

Wall Wash for 6"



P-CR671W

6" Wall Wash
CR6 Accessory



CR6-GSKT

6" Commercial
Self-Adhesive Gasket



SPECIFICATION

Application

Commercial-grade recessed lensed LED downlight housing for medium to high ceilings in commercial and architectural spaces.

Mounting

Housing suitable for new construction installations only, supplied with (2) 24" adjustable hanger bars with 90° repositioning ability. Suitable for wood & metal joist support systems, and also drywall & T-bar ceilings. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceilings

Driver

120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Power Factor >0.90. Operating Temperature: -20°C to +50°C / -4°F to +131°F. Accessible from above or below ceiling.

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.

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. Optional Generator Transfer Device switches the driver to auxiliary generator power during the loss of normal AC power, (recommended for applications requiring individual circuit switching).

Color Temperature

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

Junction Box

16 gauge pre-wired galvanized steel double Junction Box, 64 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (10) 3/4", (2) 1" and (8) Romex knockouts. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard die-cast aluminum fitting for flex-conduit.

Insulation Contact

Non-IC rated housing must be kept 3" from insulation. IC rated option (ICA) available.

Caution

LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty. (+1KV).

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 degree celsius to achieve minimum L70 life of 50,000 hours according to LM80 standard.

Reflector

Field adjustable Twist and Lock reflector is easily removable to provide quick access to LED lamp array. 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 degree visual cutoff. Available in All Black.

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

ETL/cETL listed to UL1598 and UL8750. Suitable for dry, damp and wet locations. NYC approved: Calendar #41937.

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.

Ready2Ship Items

CH618UE-D10/CR6L22SW-T27
CH618UE-D10/CR6L22SW-T30
CH618UE-D10/CR6L22SW-T35
CH618UE-D10/CR6L22SW-T40

Energy Star Qualified Items

CR6L22SW-T30
CR6L22SW-T35
CR6L22SW-T40