

## WHISPER FLEX FAQ

### APPLICATION:

1. **Can I use the CSL Whisper Flex adjustable downlight in shallow plenum applications?**  
Yes, the Whisper Flex adjustable downlight requires clearance above the ceiling greater than 3 ½".
2. **Is Whisper Flex adjustable downlight appropriate for new construction?**  
Yes, the Whisper Flex adjustable downlight installs in 5/8"- 1 ½" ceiling materials like drywall and wood using traditional joist or drop ceilings.
3. **Will the Whisper Flex adjustable downlight only work as trimless?**  
No, with standard flanged, trimless and wood ceiling options, the Whisper Flex adjustable downlight can be much more than trimless.
4. **Is it CA Title-24 JA8 compliant?**  
Yes

### LIGHT PERFORMANCE:

1. **What color temperatures are available?**  
2700K, 3000K, 3500K, 4000K, and Warm Dim.
2. **What are the optic options?**
  - a. 50° (installed) and 30° SilentVu™ optics included with fixture.
  - b. Optic can be changed before or after ceiling installation.
  - c. With the use of the Wall Wash trim, Whisper Flex adjustable downlight can beautifully wash a wall with light yet still maintain a low glare minimalist aesthetic.
3. **What are the delivered lumens?**
  - a. Up to 1100 lumens, depending on the color temperature and optic selected.
  - b. The highest lumen variant is 4000K with the 50° optic.
4. **What are the quality characteristics of the installed LED chip?**  
90+ CRI, 2-step SDCM
5. **Is there a warm dim option?**  
Yes, 1800K-3000K Warm Dim is available.

### DRIVER OPTIONS:

1. **What driver options are available?**
  - a. **We offer integral:**
    - i. Universal standard dimming, down to 1%, includes TRIAC/ELV at 120V and Switching/0-10V at both 120V/277V Tri-dimming
    - ii. High Performance EldoLED dimming down to 0.1%, includes 0-10V dimming at both 120/277V
  - b. **We offer remote:**
    - i. Universal standard dimming, down to 1%, includes TRIAC/ELV at 120V and Switching/0-10V at both 120V/277V Tri-dimming (ERP)
    - ii. High Performance EldoLED dimming down to 0.1%, includes 0-10V dimming at both 120/277V
    - iii. Lutron Hi-Lume dimming down to 1%, includes 2 wire at 120V.
  - c. Remote Packages include either (1), (2), or (3) Whisper Flex plus (1) remote driver.
  - d. Drivers are tuned for the kit, so install the configuration as ordered.
2. **How many luminaires per driver?**  
Up to 3 per single remote driver, when (3) + (1) configuration is ordered.

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### INSTALLATIONS:

**1. *Is this mud-in only?***

No, the Whisper Flex adjustable downlight has numerous trims options beyond mud-in.

**2. *Is above ceiling access required?***

a. No, using the Whisper Flex adjustable downlight all options are below ceiling accessible. Using CSL patented technology the LED driver, light module, and branch circuits are all accessible after installation.

b. While the Integral driver options are below ceiling accessible the Remote driver options give you the flexibility to mount the drivers where you prefer accessibility, like closet or service panel.

**3. *What type of wiring is required for installation?***

a. For an integral driver installation, the CSL Whisper Flex includes a driver junction box within the housing and wires like most AC lighting luminaires.

b. For a remote driver installation, DC wiring will run between the provided CSL Whisper Flex junction box and the remote mounted driver. Specific installation provisions should meet local code and jurisdiction requirements as determined by your licensed electrical contractor. Generally, #12AWG, #14AWG, and #18AWG stranded or solid UL certified power wiring can accommodate run lengths of up to 50ft between the installed CSL Whisper Flex and its remote mounted driver.

**4. *Can I install it outside?***

Yes, using the AL (Adjustable Lensed), FL (Fixed Lensed), or the WW (Wall Wash) reflector options the Whisper Flex adjustable downlight can be installed in any UL rated wet location.

**5. *Can it be covered in insulation?***

Yes, the system is certified with UL to be native IC rated.

**6. *Is it CCEA (Chicago Plenum) complaint?***

Yes, the system is certified with CCEA compliant.

**7. *What about spray foam?***

We have not tested the system in foam ceiling.

### TRIM OPTIONS:

**1. *Is it only Round?***

No, the Whisper Flex adjustable downlight can be configured with a round or square, adjustable or fixed, lensed or no lensed, and wall wash trim/reflector in CSL's standard white, black, satin aluminum, or champagne colors.

### SERVICE + WARRANTY:

**1. *What is your warranty?***

Our standard 5 year limited warranty.

**2. *What happens if a Whisper Flex fails after installation?***

The LED driver and light module are all serviceable after installation.

**3. *Who should I contact, if I have questions or a problem with my CSL Whisper Flex?***

The CSL Service team is always here to assist via phone 626.336.4511 or email:

[CSLCustomerService@csllighting.com](mailto:CSLCustomerService@csllighting.com)

**4. *Is this patented?***

Yes, aspects of the Whisper Flex are our proprietary design and protected under US patent(s).

## CSL LIGHTING