



Ten Reasons to Choose CAST LED's

1. Direct Thermal Transfer to Fixture Bodies

CAST LED and driver modules are thermally bound to fixture bodies. Other methods (with drop-in lamps) that rely on heat transfer through air may or may not overheat.

2. Protection from Moisture

All CAST LED components use conformal coatings or epoxy potting to protect from water intrusion. Additional protection is provided with compression fittings, sealed glass lenses, and high-temp silicone gaskets.

3. Fixture Bodies that Last Longer than LED's

Aluminum, copper, and brass fixtures may claim long warranties, but these metals may corrode, bend, and break long before the LED fails. CAST bronze fixtures are guaranteed to survive the most harsh conditions and will never end up in a landfill.

4. Extended Voltage Range - 10 to 24 volts.

CAST LED fixtures have the largest voltage range in the industry - 10 to 24 volts. Having an extremely wide voltage range allows the installer to connect many more fixtures along a chain than is possible with typical voltage ranges.

5. Drivers with Spike and Surge Protection and without Electrolytic Capacitors

Our driver components are selected to withstand extreme time and temperatures, and spikes and surges. No electrolytic capacitors are used in the drive circuits.

6. LED Chips Selected for Color, Consistency, and Longevity

Only high-quality Cree chips are used in CAST fixtures. These are selected for excellent control over color temperature and color rendering.

7. Repairable & Upgradable

All drivers, LED arrays, and optics are designed to be replaced in the field in cases of failure or future upgrades. CAST does not make "throwaway" fixtures.

8. EMI Filtering to Prevent Wireless Interference - FCC Compliant

Many LED lamps and fixtures interfere with garage door openers and wireless smart home devices. CAST incorporates robust filtering to prevent both conducted and radiated interference.

9. High Quality Optical Components - Many of them Interchangeable

All CAST fixtures use the highest quality optical components to deliver illumination appropriate for the application and free from artifacts and defects. All directional fixtures have interchangeable lenses for changing beam angle in the field.

10. Light Level Control at the Fixture

CAST LED Bullets, Tree Lights, and the new Impressionist Series have either switches or remotes that can dim the LED's for precise light level control. The Impressionist Series fixtures can also be grouped to allow scene control.