

## LEADING THE WAY IN EMERGENCY LIGHTING CONTROLS

Engineered for versatility, reliability, and seamless dimming integration, the ELCD-1008 is designed to excel in every critical performance category, surpassing competitors in its class.

Here's why it's the top choice for engineers, facility managers, and lighting professionals.

## WHY CHOOSE THE ELCD 1008?

### Unmatched Dimming Control & Flexibility

- Compatible with 0-10V, DALI, and line-voltage dimming systems.
- Six user-selectable emergency dimming presets: 10%, 20%, 40%, 60%, 80%, 100%.
- Overrides dimming during emergencies without affecting normal operation.

### Smart & Configurable Operation

- Instantaneous transfer time with optional field-selectable 15 minute delay.
- Energy-efficient latching relay for reduced standby power.
- Auto-detects power loss and responds immediately.

### Superior Safety & Protection

- Rated for 10kA short circuit withstand.
- Includes two internal 20A fuses for added circuit protection.
- LED indicators for Fault, Utility, Emergency, and Test.



### Installation & Maintenance Benefits

- Rotatable, silk-screened steel cabinet with dual conduit entry.
- Powder-coated 16-gauge steel body resists wear and corrosion.
- Laser-based remote test option for safer inspections.

### Compliance & Build Assurance

- UL 1008 and CSA C22.2 certified; NEC Article 700 compliant.
- BAA compliant – meets U.S. government sourcing standards.
- 5-year limited warranty with U.S.-based support team.



## CONCLUSION

When it comes to performance, compliance, and advanced control features, the ELCD-1008 is in a class of its own. Whether you're upgrading a facility or designing a new emergency system, the ELCD-1008 delivers unmatched value and reliability.

### COMPREHENSIVE FEATURE COMPARISON: ELCD 1008 VS. ALTERNATIVES

FEATURES	ELCD 1008 <i>Evenlite</i>	ESR-BCELTS <i>Functional Devices</i>	GTD20A <i>Signify/Bodine</i>	EPC-D-F-ATS <i>LVS</i>
UL Certification	UL1008, UL924, CSA C22.2	UL1008, UL924, CSA C22.2	UL1008, UL924, CSA C22.2	UL1008
Transfer Time	Instant or Programmable delay (1s to 15 min)	Not specified	55 ms	Instant
Emergency Dimming Options	5 preset dim levels (10%-100%)	Full brightness only	Full brightness only	Full brightness only
Load Rating	20A (Tungsten, Incandescent, Ballast/LED driver)	16A (Tungsten, Incandescent, Ballast/LED driver)	20A (Tungsten, Incandescent, Ballast/LED driver)	16A (Tungsten, Incandescent, Ballast/LED driver), 30A with optional fuse holder kit.
Input Voltage	120-277VAC	120-277VAC	120-277VAC	120-277VAC
Power Consumption	13.6mA	9-15 mA	45 mA	60 mA max
Protection Features	10kA withstand, dual 20A fuses	None	None	Surge protection, 50A relay
Dimming Support	0-10V, DALI, Line Voltage	0-10V, Line Voltage	0-10V, Line Voltage	0-10V, DALI, Line Voltage, Lutron Ecosystem
Relay Type	Latching relay	Mechanical relay	Mechanical relay	Solid-state
Fire Alarm Interface	Yes (12-24V AC/DC input)	Yes (test/fire input)	Yes	Yes (field-selectable jumper)
Remote Testing	Test button + optional laser	Test Button + Remote input / ESRTB	Test Button + Dry contact / field test	Test Button + Remote input
LED Indicators	Remote Test, Utility, Emergency, Test	Test, Fault, Load, Emergency, Utility	Utility, Test (button only), Emergency	Utility, Emergency, Status
Mounting Options	Surface mount, dual-sided EKOs	Surface Mount	Surface Mount	Flush, surface, panel (installs in a user supplied 4-11/16" J-Box with Extension Box)
Enclosure Construction	16-gauge steel, powder-coated	Metal, plenum rated	Painted metal	Plastic faceplate
Dimensions (HxWxD)	9.5" x 9.0" x 3.0"	8.3" x 7.7" x 3.9"	9.0" x 6.0" x 3.5"	6.0" x 6.0" x 0.5"
Weight	5.85 lbs	4.6 lbs	5.0 lbs	1.1 lbs
Compatible Power Sources	Generator, inverter	Generator, inverter	Generator, inverter	Generator, inverter
Maintenance	Minimal (sealed relay)	Replace on fault	Recommended checks	None stated
Warranty	5 years (limited)	10 Years	5 years (full)	5 years (limited)
Temperature Range	0°C to 40°C (32°F to 104°F)	-35°C to 60°C (-30°F to 140°F)	-20°C to 55°C (-4°F to 131°F)	0°C to 60°C (32°F to 140°F)
Damp Location Rated	Yes	Yes	Yes	Yes
BAA Compliant	Yes	No	No	No
Auto Test	Smart Off-Delay Function: The ELCD standard two-second off-delay ensures transfer switch functionality is verified every time the circuit powers down. This smart design reduces the need for manual inspection and supports installations in less accessible spaces. Field programming allows the delay to be set from 1 second up to 15 minutes via the integrated test button	No	No	Performs a 40s self-test every 25 days; results shown by green (pass) or red (fail) flashes, with tests repeatable via 3s button hold.