



An architectural grade lighting product based on the latest technology in high-output white LEDs. Nickel metal hydride batteries and a diagnostic charger allow for normally-on security and emergency lighting in one fixture. Self-powered models may be wired to allow independent wall switching when line voltage is present. Failure of line voltage will cause automatic emergency transfer. Available in a wide range of decorative finishes to blend with any setting.



FEATURES

- Durable, die cast aluminum housing and cover with UV stabilized polycarbonate lens
- Full range of powder coated finishes available
- A bar hanger kit is supplied standard to accommodate recessed ceiling mount applications, the unit may also be surface ceiling mounted directly or with the use of 3 1/2" or 4" octagonal junction box or single gang junction box
- A knockout is provided on the housing for conduit installations
- Tamperproof hardware is included
- Code compliance: UL 924, UL damp location listing standard, NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards
- Maintenance-free sealed nickel metal hydride battery
- Operating temperature range: Self powered models, damp location: 32°F (0°C) to 104°F (40°C). AC only and 2C: -40°F (-40°C) to 104°F (40°C)
- Intelli-Charge electronics: AC Only - 120/277 VAC dual voltage input with surge protection standard on all models

WARRANTY INFORMATION

Any component that fails due to manufacturer's defect is guaranteed for 1 year. The warranty only covers products installed and maintained in accordance with the instructions provided by their respective manufacturer and no warranty is made with respect to any of our products that are otherwise installed or maintained. For full warranty details, visit our Warranty Section.

ORDERING INFORMATION

Series	Housing Color	Operation Type	Options
ELCH-F3	W (White)	AC (AC Only)	TC120/120 (Two-Circuit 120/120 VAC)
	B (Black)	BB (Battery Backup)	TC277/277 (Two-Circuit 277/277 VAC)
	AL (Aluminum)		12/48 (Universal 12-48VDC Remote Emergency Input)
	GL (Gunmetal)		SIT (Special Input Transformer)
	OB (Ornamental Bronze)		STS (Self-Testing Diagnostics - Silent)
	AG (Aged Copper)		STA (Self-Testing Diagnostics - Audible)
	VG (Velvet Green)		T (Tamperproof)
	N (Nickel)		
	GN (Granite)		

CONSTRUCTION

Durable, die-cast aluminum housing and cover with UV stabilized polycarbonate lens. A knockout is provided on the housing for conduit installations.

ILLUMINATION

Illumination is provided by two field-replaceable, independently powered white LED modules and a vacuum plated polycarbonate reflector. The reflector design has been optimized to produce one-foot candle average illumination along a 5'x27' path of egress, with multiple fixtures, when placed at a mounting height of 10' AFF. IES photometric data files are available.

ELECTRICAL COMPONENTS

AC-Only Models-120 VAC: 60 Hz, 0.203A; 277 VAC: 60 Hz, 0.087A.

Self-Powered Models;120 VAC: 60 Hz, 0.198A. 277 VAC: 60 Hz, 0.088A

EMERGENCY OPERATION

Charging system is microprocessor driven with software embedded diagnostic routine and temperature compensation.

BATTERY - BATTERY BACKUP

Maintenance-free sealed nickel metal hydride with 10-year life.

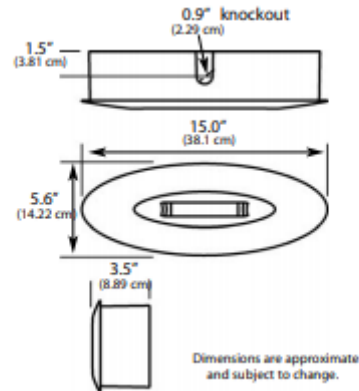
SELF-TESTING OPTION

The optional Intelli-Charge diagnostic/charging platform with self-testing mode automatically runs a one-minute self-test every 30 days and a 30-minute test on the sixth and twelfth month. A one-minute or 90-minute test may be initiated via the push to test switch on the unit or by activating the appropriate test command on the optional IR test device.

OPERATIONAL TEMPERATURE

Temperature Ratings	
Battery Backup	0°C to 40°C / 32°F to 104°F
Self-Testing Option	0°C to 40°C / 32°F to 104°F
AC Only and Two Circuit	-40°C to 40°C / -40°F to 104°F

DIMENSIONS



Weight : 10.00 lb

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