

# AEL

Project Name:	
Type:	



**APPLICATION**

Decorative, low-profile, architectural die-cast aluminum emergency lights, high performance outdoor / indoor LED emergency lighting.

**FEATURES:**

- Architectural low-profile decorative oval shape design.
- Die-cast aluminum housing emergency light, indoor or outdoor lighting.
- Integrated test switch/pilot light.
- Polycarbonate lens and mirror reflector. Sealed and gasketed.
- Die-Cast aluminum housing with durable powder coat finishes in off white, black and dark bronze.
- Photocell sensor included as a standard.

**ILLUMINATION:**

- 12W (2 LEDs x 6.0 watt) per unit.
- The unit is illuminated by efficient ultra-bright white LED lamp.
- LED lumen maintenance life: 50,000 hours.
- Dissipates 1286 lumens in AC mode and 350 lumens in EM mode.

**MOUNTING:**

- Wall or Ceiling conduit mounting.
- Surface mount via easy connect back plate that fits most standard size junction boxes.
- Conduit mount via rigid conduit entry provision on top of the unit.

**FUNCTION:**

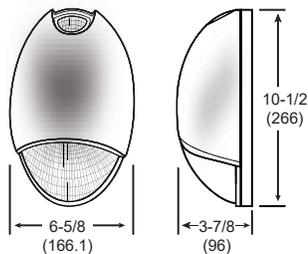
- SDT: Self-Diagnostic, continually diagnoses unit's performance and test system (auto battery discharge once every 30 days and once every 12 months) to ensure reliable operation and to meet electrical and life safety code.

**ELECTRICAL:**

- 120/277VAC dual voltage operation.
- Self-diagnostics/self-testing circuitry.
- Charge rate/power "ON" LED indicator light and push to test switch for mandated code compliance testing.
- Maintenance-free, 6V 5 Ah rechargeable Ni-Cad battery provide more than 90 minutes discharge time to emergency source.
- Fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours.
- Internal solid-state transfer switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination.
- LVD (Low Voltage Disconnection) prevents battery from deep discharge.
- 4.8V long life, maintenance-free, rechargeable NiCd battery.

**LISTING:**

- UL listed for wet location. (32°F~122°F / 0°~50°C).
- CW: Optional internal heater for extreme cold temperature applications (-22°F~122°F / -30°C~50°C).
- Five year warranty on all electronics and housing. Batteries pro-rated for five years.
- Meets UL924, NFPA 70, NFPA101 Life Safety Code, NEC, OSHA, Local and State Codes.
- NFPA 70 compliant.



	SUPPLY VOLTAGE	MAX. WATTS	MAX. AMPS
AEL-ACEM-SDT	120-277V	2.5W	0.04A
AEL-ACEM-SDT-CW		2.8W	0.026A

**ORDERING INFORMATION**

**EXAMPLE: AEL-ACEM-BZ-SDT**

MODEL	OPERATION		FINISH		FUNCTION		PHOTOCELL		OPTIONS	
<b>AEL</b>	<b>ACEM</b>	Emergency Battery Back up	<b>BZ</b> <b>BK</b> <b>WH</b>	Dark bronze (Std.) Black Off White	<b>SDT</b>	Self-Diagnostics (Std.)	<b>(Blank)</b> <b>POFF</b>	Photocell ON with internal battery Photocell OFF with internal battery <small>* Photocell can be disabled during installation at job site.</small>	<b>CW</b> <b>CEC</b>	Cold Weather Title 20 compliant