Architects and Engineering Specification

SpectrAlert Advance Amber Lens Strobe
The amber lens strobe shall be System Sensor model number _____ and shall be listed to ANSI/UL1638 for fire protective signaling. The strobes shall be wired as a primary-signaling notification appliance and comply with the Americans with Disabilities Act requirements for visible signaling appliances, flashing at 1Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system and shall operate between 32°F and 120°F.

The amber lens strobes shall mount to a standard 4 × 4 × 1½-inch back box, 4 inch octagon back box, single-gang or double gang back box. A universal mounting plate shall be used for mounting. The notification appliance circuit wiring shall terminate at the universal mounting plate.

The amber lens strobe and the Sync•Circuit™ module MDL3 accessory, if used, shall be powered from a non-coded notification appliance circuit output and shall operate on a nominal 12 or 24 volts (includes fire alarm panels with built in sync). When used with the Sync•Circuit Module MDL3, 12-volt rated notification appliance circuit outputs shall operate between 8.5 and 17.5 volts; 24-volt rated notification appliance circuit outputs shall operate between 16.5 to 33 volts. If the notification appliances are not UL 9th edition listed with the corresponding panel or power supply being used, then refer to the compatibility listing of the panel to determine maximum devices on a circuit.

The amber lens strobe shall have field selectable candela settings of 15, 15/75, 30, 75, 95, 110, 115, 135, 150, 177, 185 listed under ANSI/UL 1638 (for reference, equivalent candela for ANSI/UL 1971 is 12, 15/75, 24, 60, 75, 85, 90, 110, 120, 140, 150).

All notification appliances shall be backward compatible.