



Architects and Engineering Specification

System Sensor L-Series Chime Strobe

The chime strobe shall be a System Sensor L-Series Model _____ listed to UL 464 and UL 1638 for wall and ceiling installation. The chime strobe shall comply with the Americans with Disabilities Act requirements for visible signaling appliances, flashing at 1 Hz over the strobe's entire operating voltage range. The strobe shall have field-selectable candela settings including 15, 30, 75, 95, 110, 135, 185 for wall mounted units and 15, 30, 75, 95, 115, 150, 177 for ceiling mounted units. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. The chime shall have two audibility options and an option to switch between a temporal three pattern and a non-temporal (continuous) pattern. These options are set by a multiple position switch. The chime strobe models shall operate between 32 and 120 degrees Fahrenheit.

The chime strobe shall mount to a standard 4 × 4 × 1½ -inch back box, 4-inch octagon back box, single-gang 2 × 4 × 17/8-inch back box or double gang back box. A universal mounting plate shall be used for mounting ceiling and 4x4 wall products. A separate mounting plate shall be used for mounting wall 2x4 products. The notification appliance circuit wiring shall terminate at the mounting plate.

The L-Series chime 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. 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 and 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 chime strobe shall be plug-in and shall have the ability to check wiring continuity via a shorting spring on the universal mounting plate. The shorting spring shall also provide tamper resistance via an open circuit if the device is removed. All notification appliances shall be backward compatible.