

Specifications – (continued)

- **Strobes**
 - Strobe appliances shall produce a minimum flash rate of 60 flashes per minute (1 flash per second) over the Regulated Input Voltage Range, and shall incorporate a Xenon flashtube enclosed in a rugged Lexan® lens
 - Strobes shall be available with two or four field-selectable settings in one unit, and shall be rated – per **UL 1971** – for up to:
 - 15/30/75/110cd for wall mounted
 - 135/185cd for wall mounted
 - 15/30/75/95cd for ceiling mounted
 - 115/177cd for ceiling mounted
 - Strobes shall operate over an extended temperature range of 32°F to 120°F (0°C to 49°C), and be listed for maximum humidity of 95% RH
 - Strobe inputs shall be polarized for compatibility with standard reverse-polarity supervision of circuit wiring by a Fire Alarm Control Panel (FACP)
- **Audibles and Audible / Strobe Combinations**
 - Horns and horn / strobes shall be listed for Indoor use under **UL Standard 464**
 - Horns shall be able to produce continuous synchronized output or a temporal code-3 synchronized output
 - Horns shall have at least 2 sound-level settings of 90 and 95 dBA
- **Synchronization Modules**
 - The strobe portion, when synchronization is required, shall be compatible with DSC sync modules, FS-250 panel, XLS panel, or PAD-3 power supply with built-in sync protocol
 - The strobes shall not drift out of synchronization at any time during operation
 - Audibles and strobes shall be able to synchronize on a 2-wire circuit with the capability to silence the audible, if required
 - Strobes shall revert to a non-synchronized flash-rate, if the sync module or Power Supply should fail to operate (i.e. – contacts remain closed)
 - All notification appliances shall be listed for Special Applications:
 - Strobes are designed to flash at 1-flash-per-second minimum over their “Regulated Input Voltage Range”
 - **Note:** NFPA-72 specifies a flash rate of 1-to-2 flashes per second, and ADA Guidelines specify a flash rate of 1-to-3 flashes per second
 - All candela ratings represent minimum-effective Strobe intensity, based on **UL Standard 1971**
 - Series ZH Strobe products are listed under **UL Standards 1971 and 464** for indoor use with a temperature range of 32°F to 120°F (0°C to 49°C) and maximum humidity of 93% (± 2%)
 - Series ZH horns are listed under **UL Standard 464** for audible signal appliances (Indoor use only)