Engineering Specification

Model XL Flush Series Automatic Sprinklers

**Recommended CSI MasterFormat Specification Location: 21 13 00, Fire Suppression Sprinkler Systems (formerly 13900)**

Sprinklers shall be flush style, UL Listed quick response **[**pendent**] [**horizontal sidewall**]**. Sprinkler and deflector to be of bronze construction with ½” NPT thread. Levered fusible solder link shall consist of an approved black-painted beryllium-nickel link assembly. Water seal shall consist of a Teflon-coated Bellville spring washer and bronze diffuser sub-assembly containing no plastic parts. Sprinkler K-factor shall be nominal 5.6 gpm/psi1/2 (81.0 l/min/bar1/2). Sprinkler temperature rating shall be Ordinary 165°F (74°C). Sprinklers shall have a rated working pressure of 175 psi (12.1 bar). **{**Pendent escutcheon style shall be **[**Conical, capable of providing 3/16” (5 mm) of adjustment**] [**Flat, capable of providing 3/16” (5 mm) of adjustment**]}** **{**Horizontal sidewall escutcheon style shall be conical, capable of providing 5/16” (8 mm) of adjustment.**}** Standard cover finish shall be **[**Bright Chrome Plated**] [**Dull Chrome Plated**] [**White Painted**] [**Special finish – specify**]**.

Sprinklers shall of the Model XL Flush Series, **[**Commercial Pendent, SIN R5414**] [**Commercial Horizontal Sidewall, SIN R4534**]**. Refer to Reliable Bulletin 145 for associated sprinkler information.