Engineering Specification

Model GL112 Quick Response Automatic Sprinklers

**Recommended CSI MasterFormat Specification Location: 21 13 00, Fire Suppression Sprinkler Systems (formerly 13930)**

Sprinklers shall be quick response **[**upright**] [**pendent**]** sprinklers that are FM Approved. Sprinkler frame and deflector shall be of bronze construction, utilizing a levered fusible alloy solder link and having a [¾” NPT**] [**ISO 7-1R¾**]** thread. Water seal assembly shall consist of a Teflon-coated Belleville spring washer containing no plastic parts. Sprinkler temperature rating shall be **[**165°F (74°C)**] [**212°F (100°C)**]**. Sprinklers shall have a nominal K-factor of 11.2 gpm/psi1/2 (160 l/min/bar1/2) – extra-large orifice. Sprinklers shall have a rated working pressure of 175 psi (12 bar).

Sprinklers shall be of the Model GL112 Series. Refer to Reliable Bulletin 132 for associated sprinkler information.