

## SL Series Sprayheads

### Bidding Specifications

Sprayheads shall be SL Series fixed spray models as manufactured under the brand name of Irritrol Systems or approved equal.

**Construction:** The sprinkler shall be a fixed-spray type capable of covering a \_\_\_ foot (\_\_\_meter) radius at \_\_\_psi (\_\_\_Bars). The sprinkler shall offer a series of interchangeable variable arc nozzles (VANs) in 10', 12', 15' and 17' radii. Each nozzle shall be able to accommodate arcs from 25° to 360°. A gray screen shall be provided for all VAN nozzles. All screens shall be captive to the nozzle when properly installed in the sprinkler head.

**Performance:** Depending on VAN nozzle selected and pressure, the sprinkler shall discharge from 0.17 GPM (0,64  $\frac{L}{M}$ ) to 5.51 GPM (20,85  $\frac{L}{M}$ ). All nozzles shall be balanced with regard to their precipitation rate, whether spaced in a triangular or square spacing plan. All nozzles shall have a radius adjustment screw capable of reducing radius by up to 25% from the fully open position. Each nozzle family shall be color coded on the base of the nozzle unit. The body shall offer a pop-up height from the properly installed grade to the middle of the nozzle orifice (2", 4" or 6") (5,08 cm, 10,16 cm, 15,24 cm). The sprinkler shall have a ratcheting riser allowing the installer to orient the spray to the proper area without turning the body once installed. The sprinkler shall have a 1/2" (1,27 cm) female NPT inlet. An optional check valve shall be made available. It shall be universal to each sprinkler size and retrofitable to any previously installed.