

## **SUPERTEX® - LINEAR PRISMATIC SPREAD LENS**

Wall grazing requires the intense beam of a spot lamp, which has the optical power to reach the bottom half of the wall. Without the proper lenses, however, a row of spot lamps will produce bright, vertical streaks of light, which will only blend together at some distance away from the fixture. Specialty Lighting Industries has addressed this issue by designing our Supertex® linear prismatic spread lens to blend the streaks together upon exiting the fixture slot aperture. With this optic, the top of the field will be lit as evenly as the bottom of the field.

Commercially available linear prismatic spread lenses are not designed specifically for wall grazing applications. The inferior performance of standard lenses is characterized by needles of light under each lamp and brightness under each lamp resulting in an unevenly lit wall.

In addition, the quality of the glass is critical. Lenses made of architectural ribbed glass have a high iron content, rendering the light beams with a greenish tint. Supertex® is molded from borosilicate, a high temperature, colorless glass.

We have designed Supertex® to address the problems associated with standard spread lenses available on the market today. Fabricated on a mold of our own design, Supertex® is specifically designed for lighting applications and provides a smooth, even field of illumination on the vertical plane.



**SPECIALTY LIGHTING**

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