

Stadium Step Lighting

Mica Lighting is naturally suited to the theatre arts, where light is traditionally used in fascinating ways. Ideal for softly illuminating auditorium steps, aisles and corridors, we employ a combination of *fiber optic cable* and *light emitting diodes (LED's)*.

The fiber does not conduct any electrical current or heat, it is unbreakable, is virtually maintenance free and the system can reduce existing electrical consumption by 80%.

This fiber optic step system is the transmission of light through the plastic polymer fibers using an LED as the light source. The core of the fiber is encased in a special transparent cladding material, allowing the light entering from one end to transmit through the core of the cable and discharge from the other end.

The optical fiber used is of the highest quality, to allow 90% net light transmittal per foot. This translates into fiber with the most uniform light transmission in the visible range.

The cable is 7.0mm in diameter and is housed in clear polycarbonate. It sits within an aluminum and vinyl extruded track.

The light emitting diode is low voltage, operating at 12 volts. The LED is solid-state lighting and provides a uniform color appearance. It can be used safely, as there is no high voltage or toxic materials. This system provides a long life of 7 years or more, is ADA compliant and ETL listed.

Available Colors

