

Optical Fiber Textile

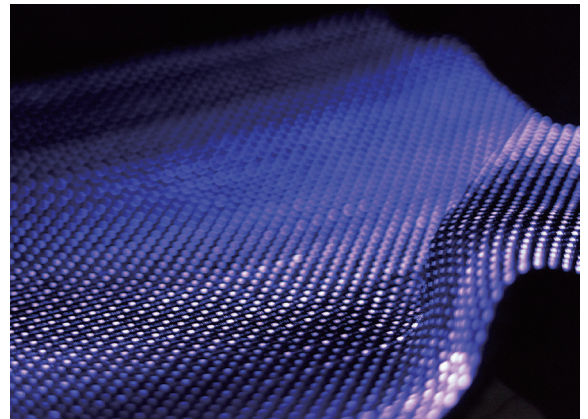
REFERENCE
EXHIBIT

This light-emitting textile creates an attractive space for customers. Weaving optical fibers into the fabric produces a light with depth and transparency that differs from conventional indirect lighting.

01

Development of a weaving method that keeps bending of optical fibers to a minimum and produces uniform light emission

Weaving technologies achieving both beauty and performance that originated in the smooth “habutae” woven silk products of Fukui Prefecture, Japan are used in combining ordinary weaving with the “karamiori” Japanese Leno weave, creating a new woven structure with less bending of the optical fibers.



02

High degree of freedom in lighting and design

This new woven structure has less affect on optical fiber, thus making possible a variety of designs from simple to dynamic patterns.

