

## Method of installation – Fiber Optic System

The Luxam system is the most comprehensive system for highlighting collections in museums.

This method gives you guidance on the steps to follow in order to get quality results.

There are three major steps

one from outside the museum, if possible, and two within the museum

We have simplified the process.

In all these steps Luxam will provide assistance and advice.

We will participate in the final adjustments.

## Verification of the showcase

This is a very important step. A well designed case increases the possibilities for positioning the lighting and reduces the time of preparation and adjustment.

## Location of the generator

- The generator must remain accessible.
- There must be sufficient space for ventilation
- The Curve of the fiber going into the showcase must be done in a way to minimize sharp angles (optimum radius of 10cm)
- Easy access of the power cable

## Access holes

- These 34.5 mm holes allow for insertion of the fibers and sealing of the chamber.
- They must be easily accessible both from the outside and the inside of the window
- They must be in sufficient numbers to reduce the size of the fiber path and facilitate possible changes in light plans.

## Insertion of the fibers

- It must be verified that the fiber originating from the generator arrives at the desired location on the bracket in the showcase.
- This path must be a hidden to visitors
- This path must not cause the fibers to bend too much
- This path must allow for removal of the excess lengths easily

## Placement and fixities of supports

- The support rod systems are placed in a way to maximize the possibilities for positioning terminals
- These bars should be placed to allow proper fiber curvature.
- The bars shall be blocked so they do not rotate.
- Using the devices' fastening tools should be easy