



Installation Policy – 2020 **Fiber optics and Low Voltage LED**

FIBER OPTIC INSTALLATION

Luxam fiber optic lighting requires more diligence during installation than standard wash lighting. Each individual fixture is focused onto objects mounted within the casework.

There are three stages of installation:

1) BASIC FITTING

The fibers or Lightsticks are installed into the cases. No optics are fitted to the tail ends and no tails are being fixed into position.

2) FIRST FIX

The Lightsticks or fibers are placed, directed and fixed into position to give a wash over the artifacts. They are fixed into position at regular intervals and directed towards the interior of the case. The purpose and result of this stage is to have the lights on in the case.

3) FINAL FOCUS

In this stage, which is always taking place in cooperation with the curator, the lights are directed from the interior to the artifact. Final focus requires the objects *and any labels or signage* to be in position within the case prior to our work. If object positions change during the focus we will have to re-set the fixtures and fibers adding to the time on site. The light is adjusted into a certain direction and shape to highlight the objects and produce multiple levels of light for objects of differing conservation requirements.

Prerequisite:

It is important to know before the basic fitting if a final focus will be taking place because it determines the number of tails and their position and therefore, the length of the bundle. It is also important for the client to understand the parameters necessary for Luxam to finish the installations. All three phases of installation can be accomplished on one trip or broken into multiple trips. Basic fitting and first fix