

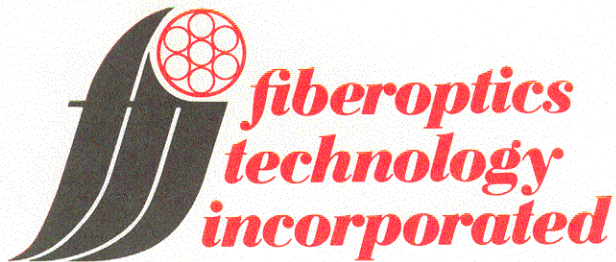


Quality Fiber Optic Products

fiberoptics technology incorporated

1 FIBER ROAD □ POMFRET, CT 06258





FO-150 ILLUMINATOR
OPERATING INSTRUCTIONS

- 1) Remove the illuminator from the shipping container, and check to see that all items on the packing list have been received.
- 2) Loosen the small metal knurled knob on the top front of the instrument. The front panel will open partially to permit inspection of the lamp. Be certain that it is properly seated and in full contact with the lampholder contact springs. Close the panel and re-tighten the knurled knob, otherwise the illuminator will not operate.
- 3) Plug the illuminator 3-prong AC power cord into a THREE PRONG GROUNDED RECEPTACLE. The unit is now ready for operation.
- 4) Turn the large black knob on the front panel in a clockwise direction. A click will indicate that the power is "on". This same knob also controls the light intensity so that when it is rotated to its extreme clockwise position, the light is brightest.
- 5) Insert the light guide to be used in the port on the front of the illuminator and tighten the knurled screw to hold it in place.
- 6) To replace the lamp, turn off AND UNPLUG the unit, then allow it to cool. Next open the front panel and by pushing the wire handle next to the bulb, raise the lamp up from the holder. Pull the socket away from the back of the lamp and plug it onto the new lamp. Next MAKE SURE that the wire handle is back where it was before removing the old lamp, then press the new lamp fully down into the socket. When the lamp is in place, close the front panel.
- 7) On the back of the unit is a switch which may be used to limit the maximum voltage to the lamp to approximately 90% of the rated voltage. While this causes only a slight decrease in the light output it will lengthen the lamp life by as much as 10 times. For the sake of economy it is recommended that the long life position on this switch be used whenever possible.
- 8) Also on the back panel is a fuseholder. To inspect or replace the fuse first UNPLUG the unit, then press in and down on the red part of the fuseholder. NEVER use a fuse with a higher current rating than that shown on the back of the FO-150.