

## BEAM LIMITING DEVICE (BLD) Adjustable Blades

The front panel of the adjustable collimator includes graduation to allow pre-determining the x-ray field size for the SID indicated. To use BLD, rotate the knobs on the front panel to the desired film size and SID (Distance) Pointer (knobs) should point to small punch mark when blades are closed completely.

Depress the light switch, (front center) and the light will operate for a short period of time. The lighted area represents the radiation field within 2% of the SID

### LAMP CHANGING INSTRUCTIONS – Fig 2

Unplug x-ray unit from wall outlet. To remove the shroud (fig 1), rotate x-ray head toward ceiling, loosen screws on the right and left sides of the collimator adjustments, and remove lamp cover. Remove bulb by using the tip of a small screwdriver to lift bulb out. Use X-Cel part number #805086. CAUTION: Do Not Touch Glass With Your Fingers.

### To Adjust Lamp - Fig 2

To align the light field, loosen the 4 Locking Screws. To move field sideways, rotate the Adjustment Screw. When adjustment is finished, tighten Locking Screws.

Light field and radiation field size will be correct when the lamp filament is centered over the collimator box frame.

