



Ranger Laser Tube Shelf Life

The Ranger Laser Tube, located within the Ranger Count Sensor, has a life expectancy estimated to be in excess of 26,000 hours. This equates to operating the unit continuously at 24-hours/day, for a 3-year period.

For laser tubes not in use (i.e., a spare laser in your stock room) the shelf is two months or less. Each laser must be powered up for a least two(2) hours in any given 2 month period to assume its normal life span. Failure to “burn-in” the unit within this 2-month period will result in greatly reduced tube life.

It is advisable that a schedule for Laser Tube “burn-in” be developed and implemented without delay. One method you may consider would be to rotate the Rangers in stock with units presently being used. This type of cycling process being performed at least once every two months would satisfy the 2-hour “burn in” time requirement and assure full life expectancy for each tube.