

## Laser Safety

Tine-guide units are available to be purchased with either Class 2 or Class 3R Lasers. ALL units are built using Class 3R lasers unless requested otherwise. Below is some information about each:

Red Class 2 635nm @ 1mW

Red Class 3R 635nm @ 5mW

Green Class 2 520nm @ 1mW

Green Class 3R 520nm @ 5mw

### WHAT IS A CLASS 3R LASER?

**Class 3R lasers are considered safe when handled carefully.** There is only a small hazard potential for accidental exposure. For visible-light lasers, Class 3R lasers' output power is between 1 and 4.99 milliwatts.

### SAFE USE GUIDANCE - GENERAL

A Class 3R laser is low powered. It normally would not harm eyes during a momentary exposure of less than ¼ second. This is within the aversion response, where a person turns away and/or blinks to avoid bright light.

**Do not deliberately look or stare into the laser beam.** Laser protective eye-wear is normally not necessary. A Class 3R laser is not a skin or materials burn hazard.

### WHAT IS A CLASS 2 LASER?

**Class 2 lasers are considered safe for normal operation.** Class 2 lasers' output power is below 1 milliwatt. All Class 2 lasers emit visible light only.

### SAFE USE GUIDANCE - GENERAL

A Class 2 laser is relatively weak. It normally would not harm an eye unless a person deliberately stared into the beam. Laser protective eye-wear is normally not necessary. A Class 2 laser is not a skin or materials burn hazard.