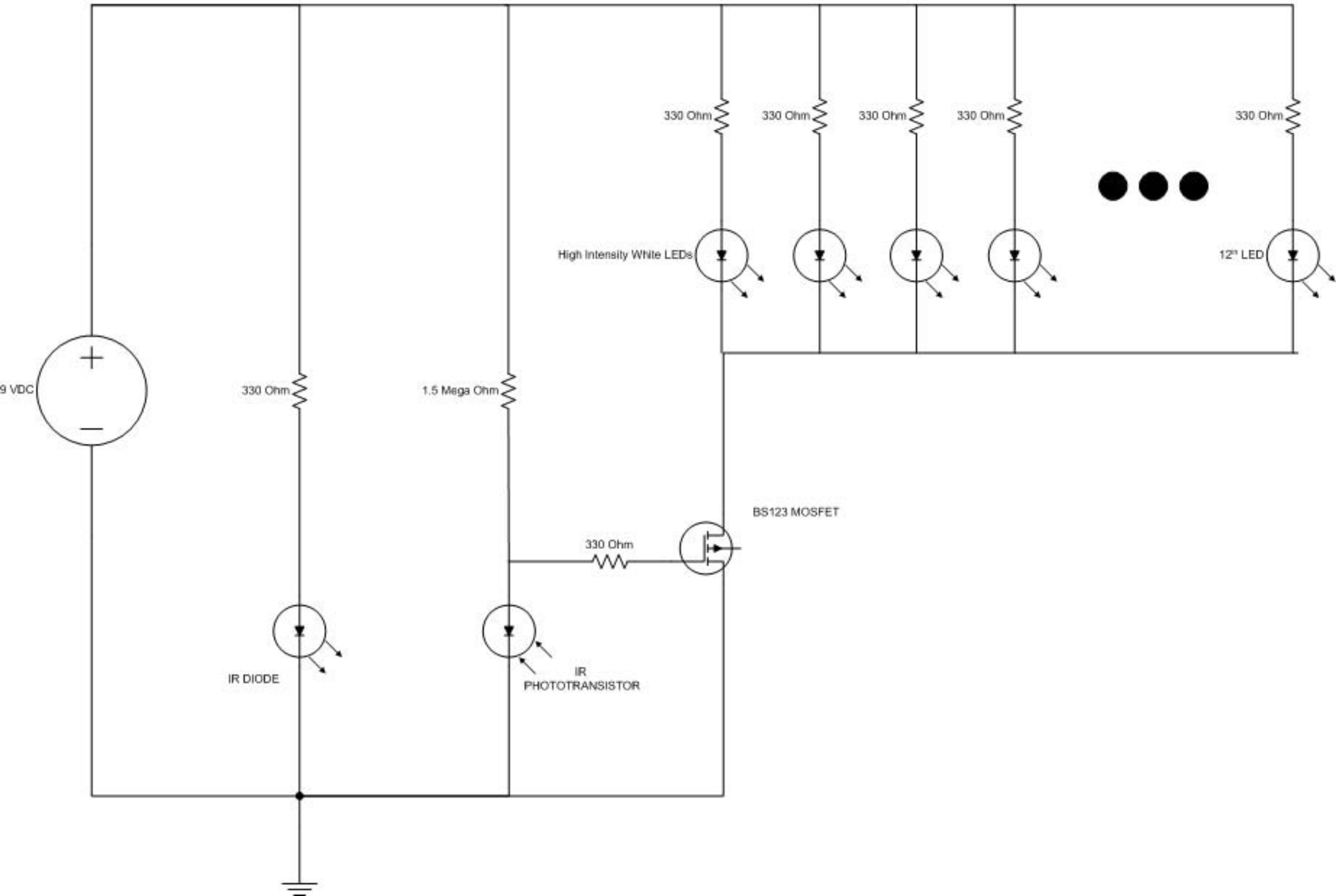


# Beam Break Circuit with LED Indicators



## Build Instructions for the Pitching Machine LED indicator.

The non-electrical components to this project include a base plate made of plastic, a box to house the power supply and LEDs, and the sensor mounts that are attached at opposite sides of the hole in the base plate.

The base plate has a large hole for the baseball to pass through. The base plate needs to be attached to the pitching machine. The exact way of attaching the base plate will vary from pitching machine to pitching machine.

The sensor/IR LED are mounted exactly 6 inches from each other. Both sensor mounts have 5 mm holes drilled through for the IR LED and phototransistor. The wires from the sensors to the box is not shown.

The box houses the LEDs and the power supply. The box has a rectangular window cut off of it for the LEDs. This window is not shown in the drawing. It depends on how you layout your board full of LEDs.

