Project Specifications
X,Y and Z positional control up to ± 1um precision.
90° of directional movement for the optical fiber connection.
The minimum size of the stand for the chip needs to be able to hold 300 um in radius wafers.
12mm holes on the bottom of the testing station for mounting.
Pitch and yaw radial movement to ±0.1° accuracy.
Achieve lower loss, the current testing bench was able to achieve around -22db loss
Adjustable lighting needs to have a brightness of 100 lumens. With adjustment possible between a range of 1-10.
Optical table for precise measurement