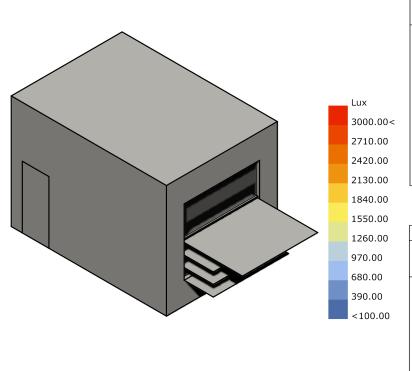


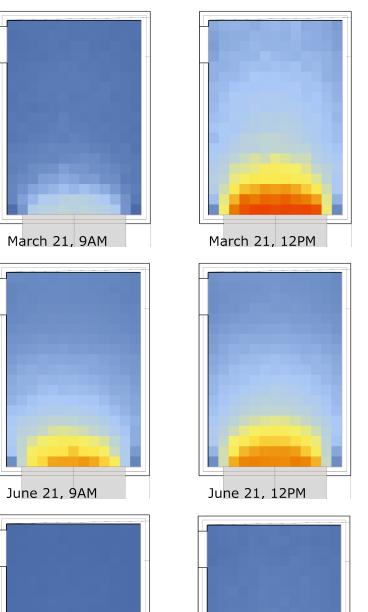
Window to Wall Ratio: 0.6

Window to Wall Ratio: 0.6

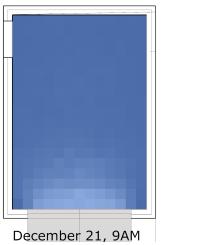
These image represent the annual UDI or Useful Daylight Illuminance with a changing window to wall ratio. This UDI is measuring illuminance between 100 and 2000 Lux as useful. The overall room dimensions are based off of the room I have studied all semester. Overall these show that the room achieves or exceeds the proper amount of illuminance. Really, the larger issue is the excess of Illuminance near the south window as it increases in size. With this in mind, one of the smaller window to wall ratios would propose the best opportunities.

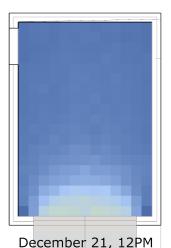


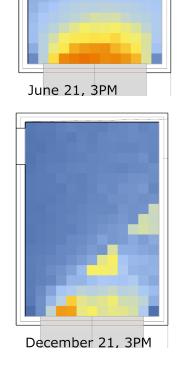




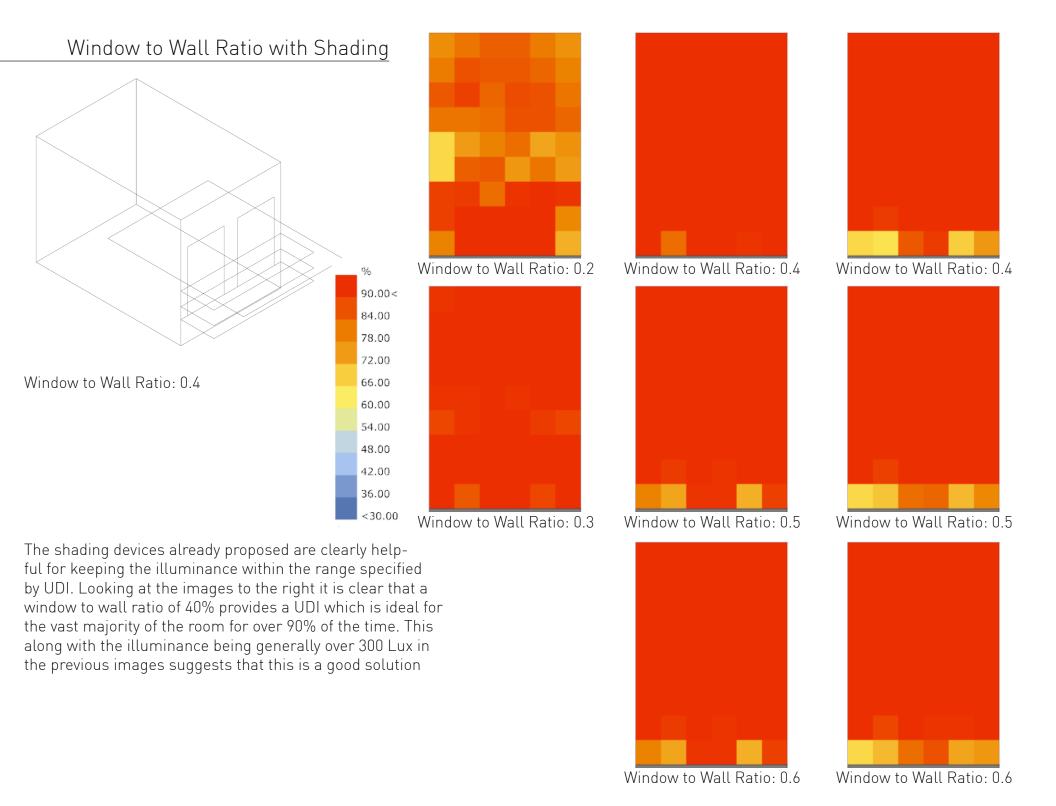
With knowledge gained through previous studies of illuminance it is known this room has issues with light reaching deep inside. The images to the right which were previously run demonstrate changes already made, Here the window to wall ratio is 50%. It is clear that there is excess light in the front of the room and that while the back get some it is generally on the lower side.



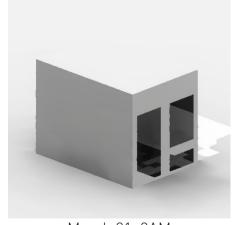




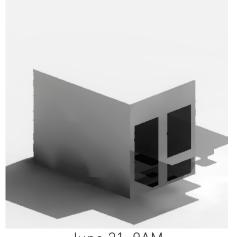
March 21, 3PM



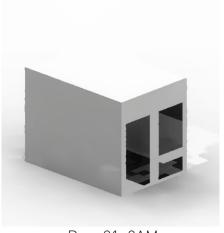
## Exterior Daylight



March 21, 9AM

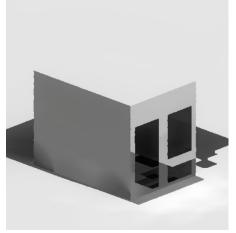


June 21, 9AM

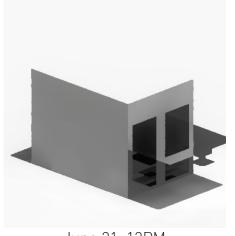


Dec. 21, 9AM

These graphics demonstrate the changing light illuminance on the exterior south face of the room. These highlight the harsher more direct light during the later hours when the sun is lower in the sky.



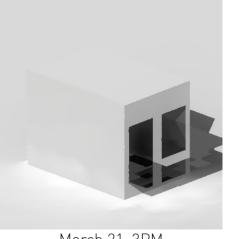
March 21, 12PM



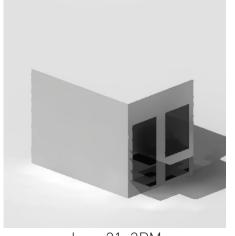
June 21, 12PM



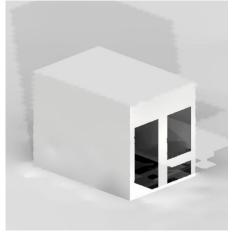
Dec. 21, 12PM



March 21, 3PM

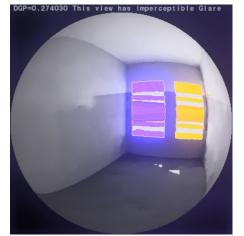


June 21, 3PM



Dec. 21, 3PM

## Glare Analysis



March 21, 9AM



June 21, 9AM



Dec. 21, 9AM





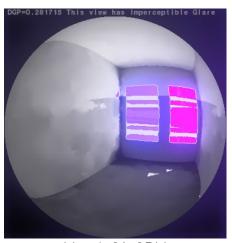
March 21, 12PM



June 21, 12PM



Dec. 21, 12PM



March 21, 3PM



June 21, 3PM



Dec. 21, 3PM