

**EXERCISE: ILLUMINATION**NAME YEFAN ZHANG

Using one of the light meters on reserve in the Fine Arts Library make the following measurements.

1. Take the following measurements in a room on or near campus (not in Meyerson) to which you have easy access (classroom, coffeeshop, your apartment, etc.).

Measure the horizontal illuminance two times during the day and once after dark (you can calculate the amount of daylight if the same lights are on for both measurements by subtracting the nighttime measurement from the daytime one).

Measure the horizontal illuminance outdoors at the same time as the daytime measurement.

Take a photograph of the light conditions and add your evaluation of the light level: too low, low, enough, high, too high

Room Name: Starbucks 3901 Walnut Street

Time 1. 1:00 P.M, Nov. 21th Indoor Illuminance (FC) 310 FC  
Outdoor Illuminance (FC) 2050 FC  
Evaluation Lighting level is high outside, but low inside even near window

Time 2. 3:30 P.M, Nov. 21th Indoor illuminance (FC) 320 FC  
Outdoor Illuminance (FC) 980 FC  
Evaluation Lighting level is enough outside, inside keeps the same as before

Nighttime. 6:00 P.M, Nov. 21th Indoor illuminance (FC) 250 FC  
Outdoor Illuminance (FC) 60 FC  
Evaluation Lighting level is too low outside, inside is enough for night

**Photos**

1:00 P.M Outdoor



1:00 P.M Indoor



3:30 P.M Outdoor



3:30 P.M Indoor



6:00 P.M Outdoor



6:00 P.M Indoor