

EXERCISE: ILLUMINATIONNAME Katherine Lanski

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, coffeshop, 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 one 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**

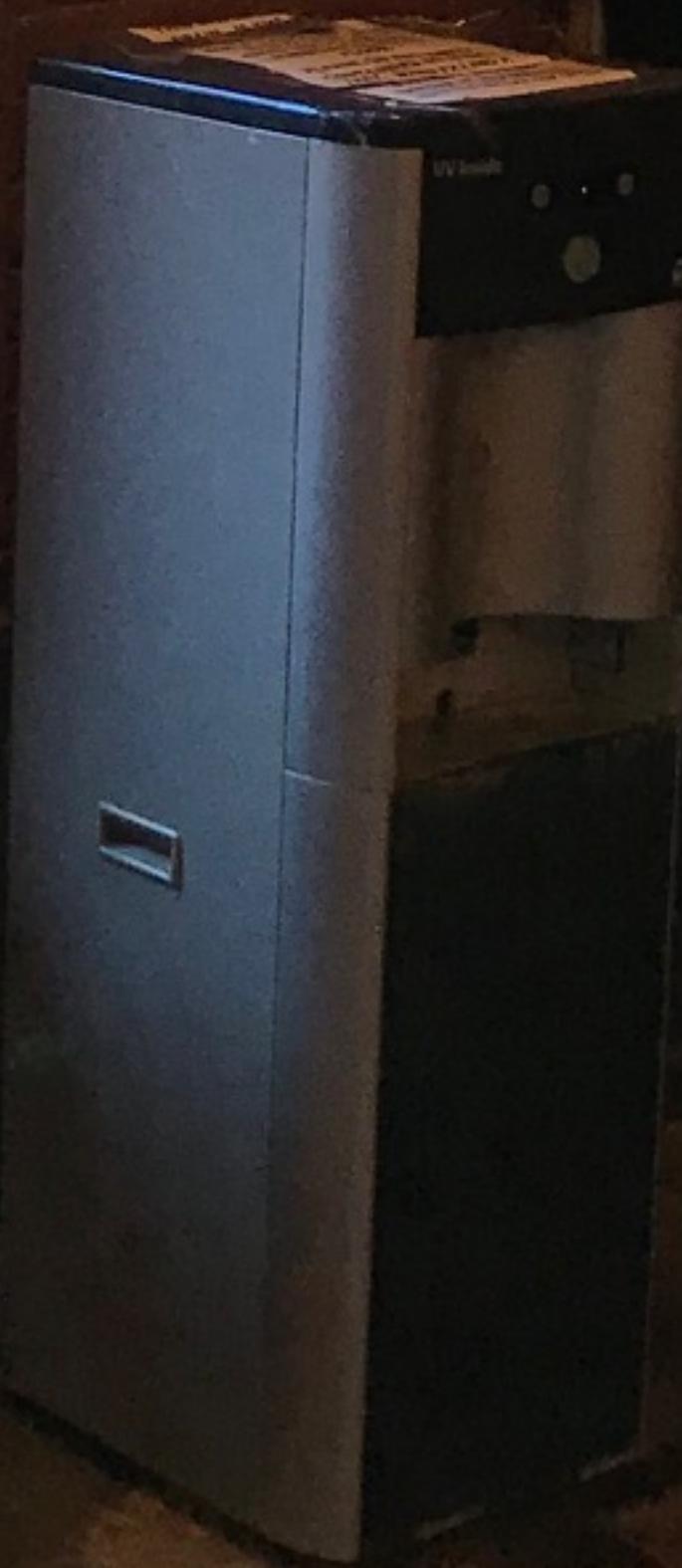
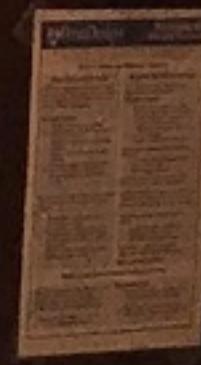
Room Name: Fischer Fine Arts Library Lobby

Time 1. 12:30 Indoor Illuminance (FC) 162
Outdoor Illuminance (FC) 348
Evaluation Enough, but high contrast

Time 2. 3:30 Indoor illuminance (FC) 94
Outdoor Illuminace (FC) 244
Evaluation Enough

Nighttime. 7:30 Indoor illuminance (FC) 30
Outdoor Illuminace (FC) 06
Evaluation Enough

Photos





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DATA
HOLD

CE

OFF

Lux	fc
0	1
1999	10
2000	100
19999	1000
20000	10000
1	X100
50000	

Fast

Slow

Fast

Slow

ZERO
ADJUST

EXTECH INSTRUMENTS LIGHT METER 401025

ANALOG
OUTPUT
— 0.1mv /1digit +
MAX. 200mv

EXTECH INSTRUMENTS LIGHT METER 401025







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