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4 Pancras Square

Submission Date	April 23, 2025
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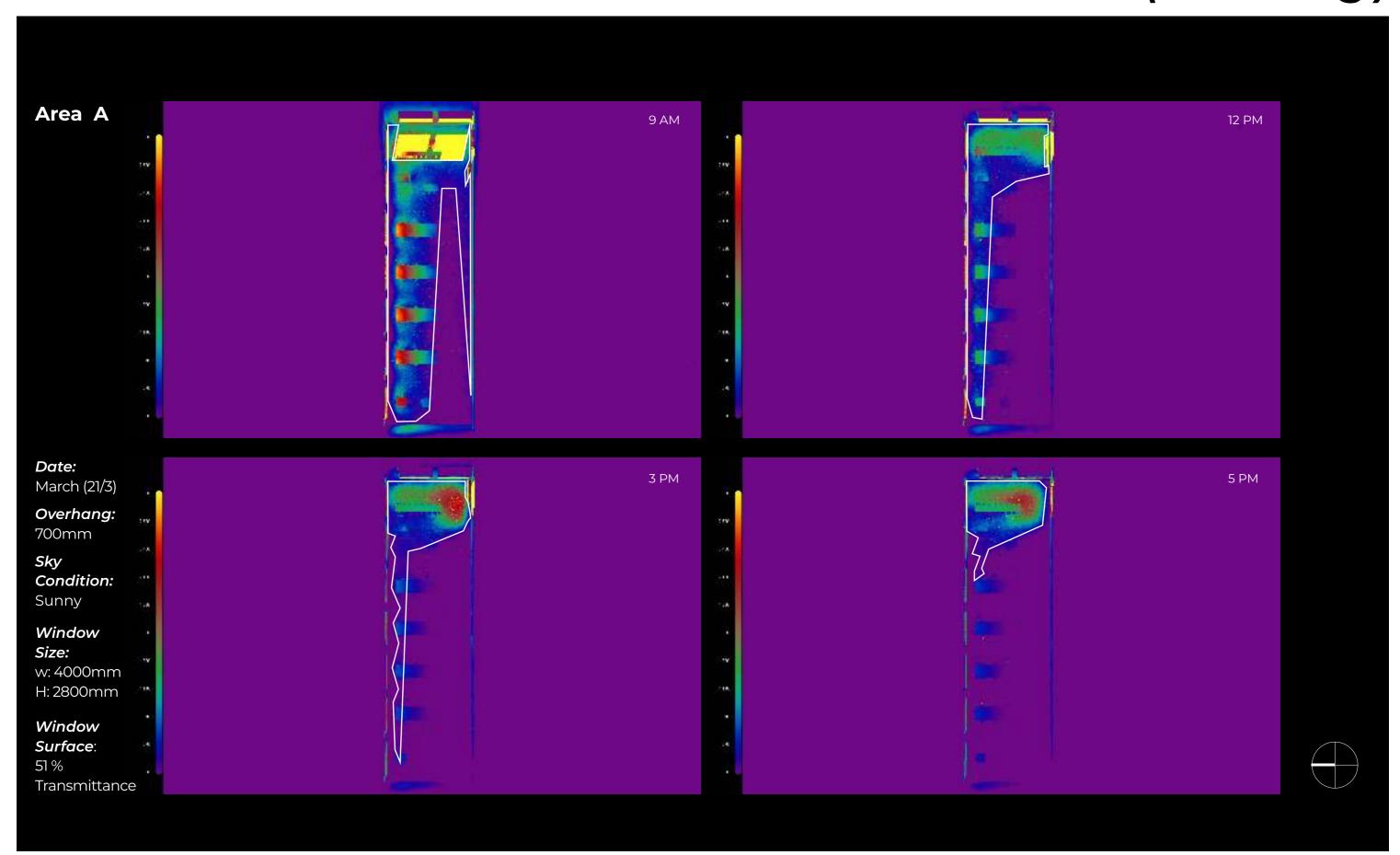


SITE PLAN



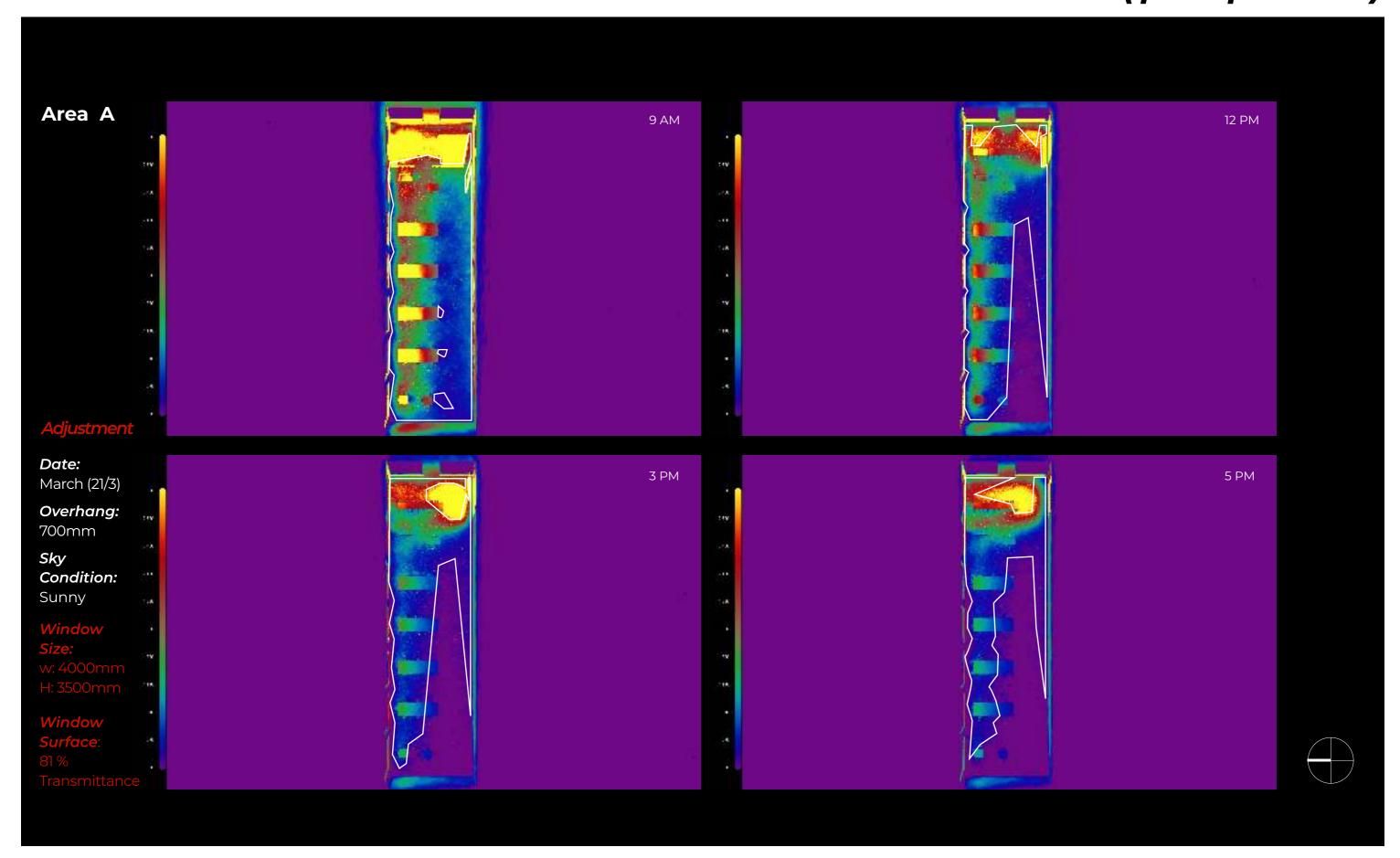


DAYLIGHT ACCESS PLAN (existing)



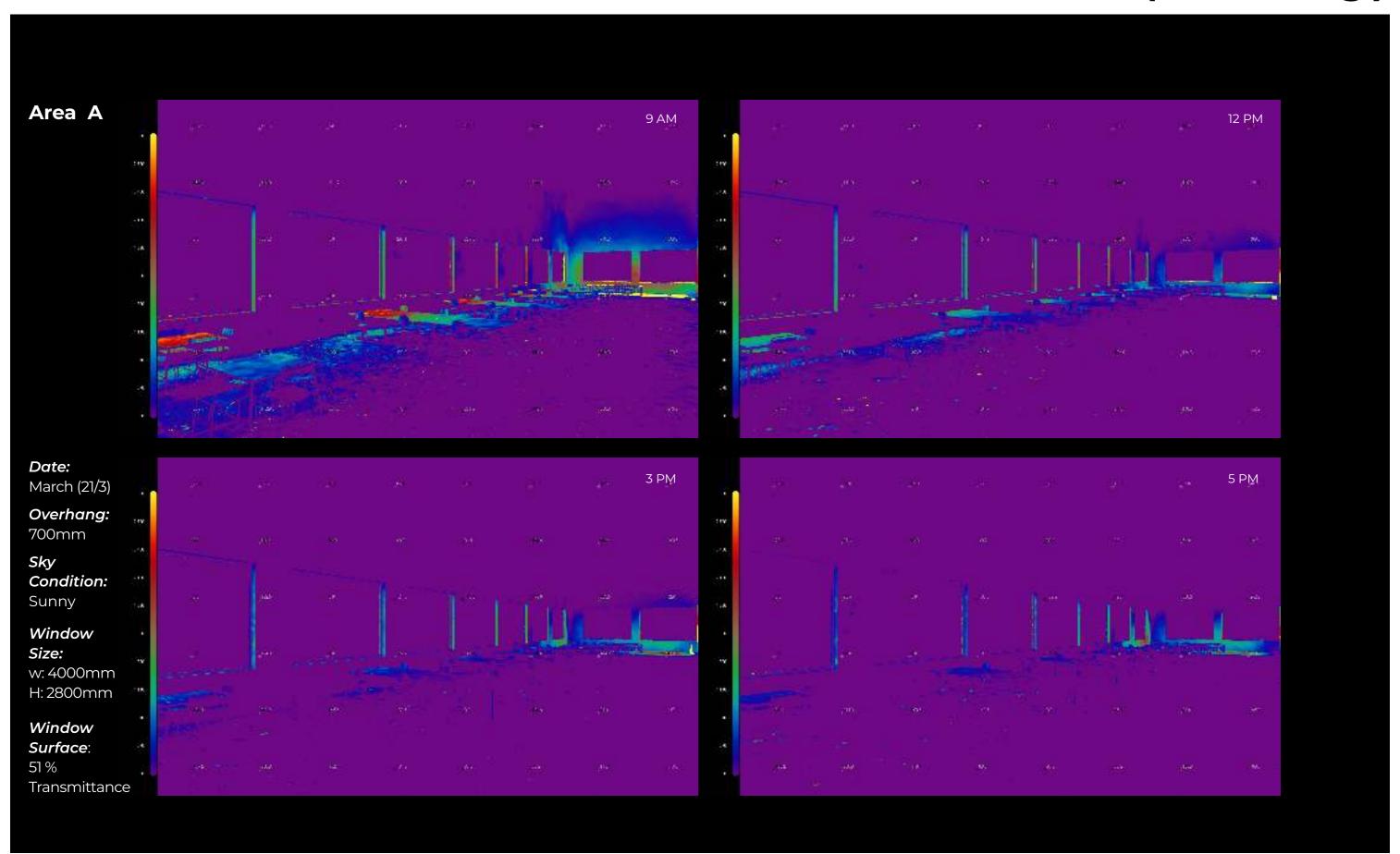


DAYLIGHT ACCESS PLAN (proposal)

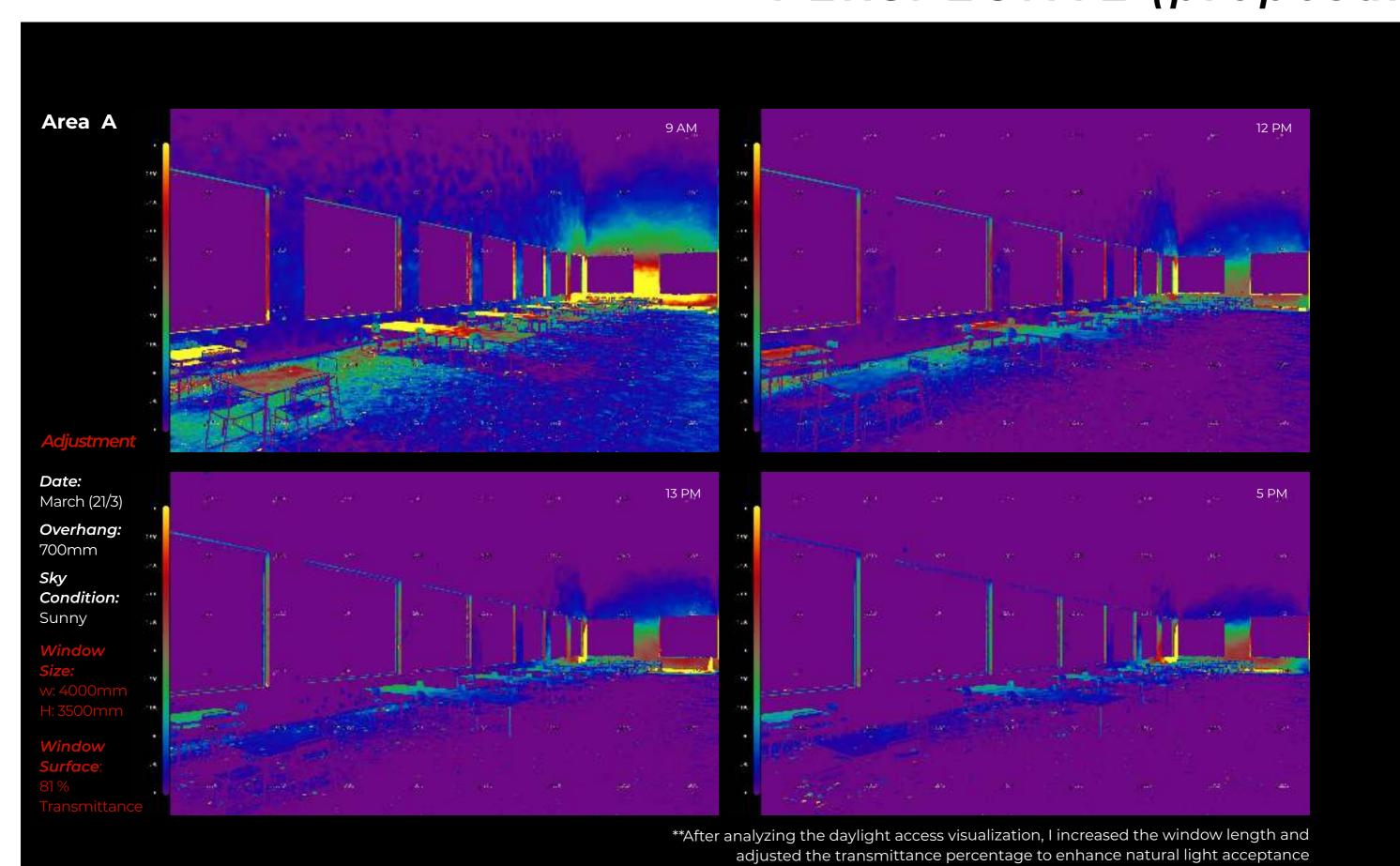




DAYLIGHT ACCESS PERSPECTIVE (existing)

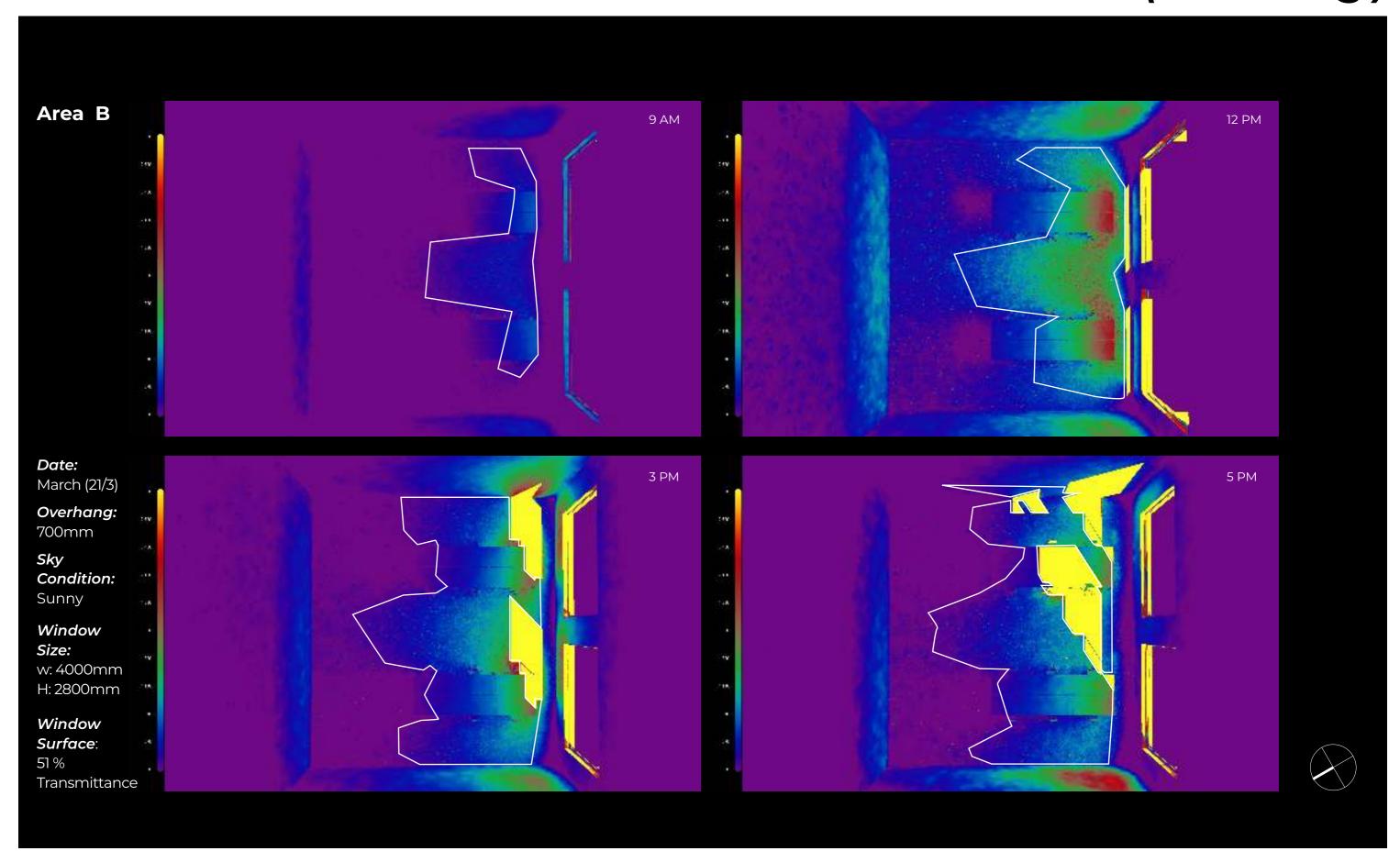


DAYLIGHT ACCESS PERSPECTIVE (proposal)



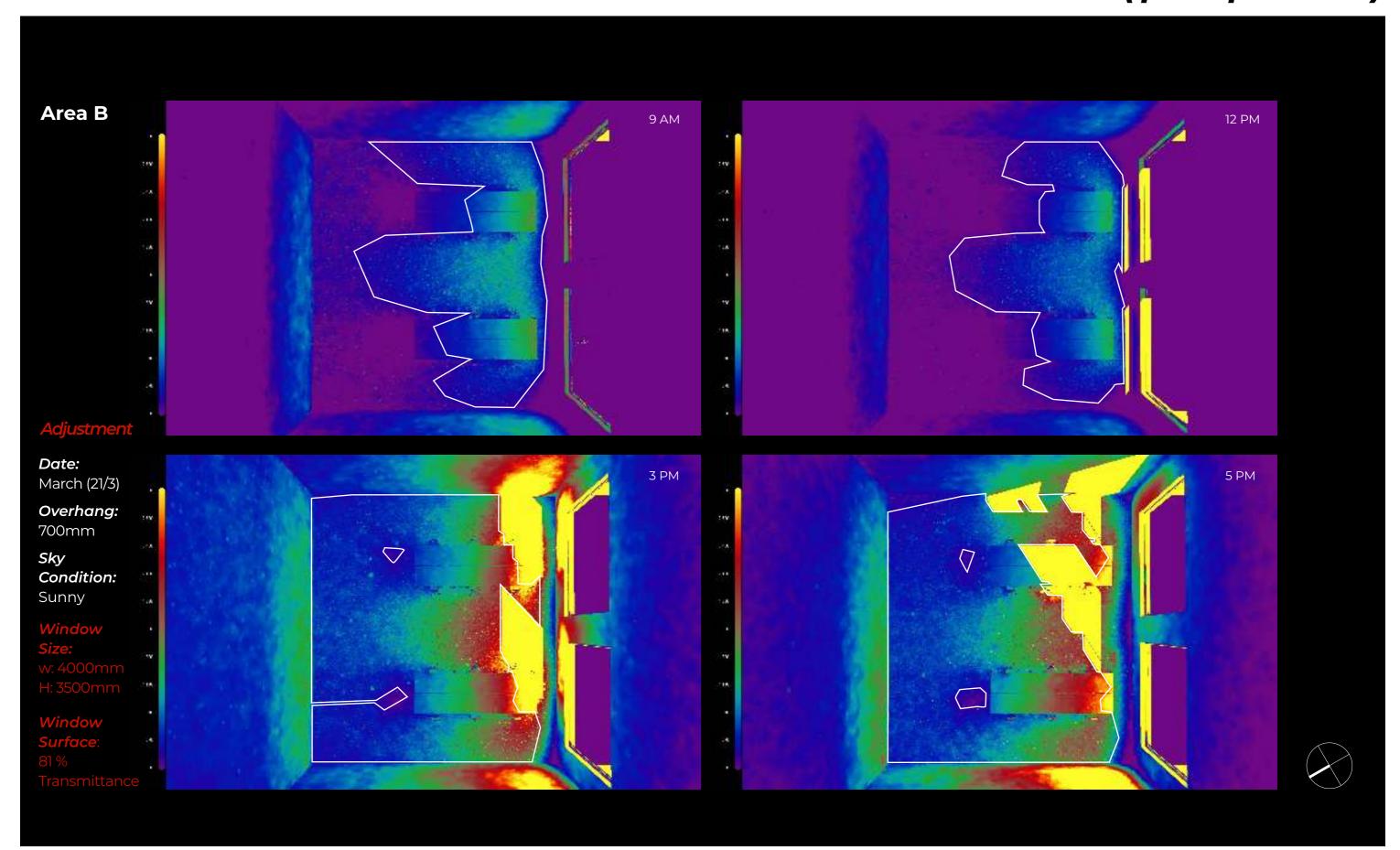


DAYLIGHT ACCESS PLAN (existing)



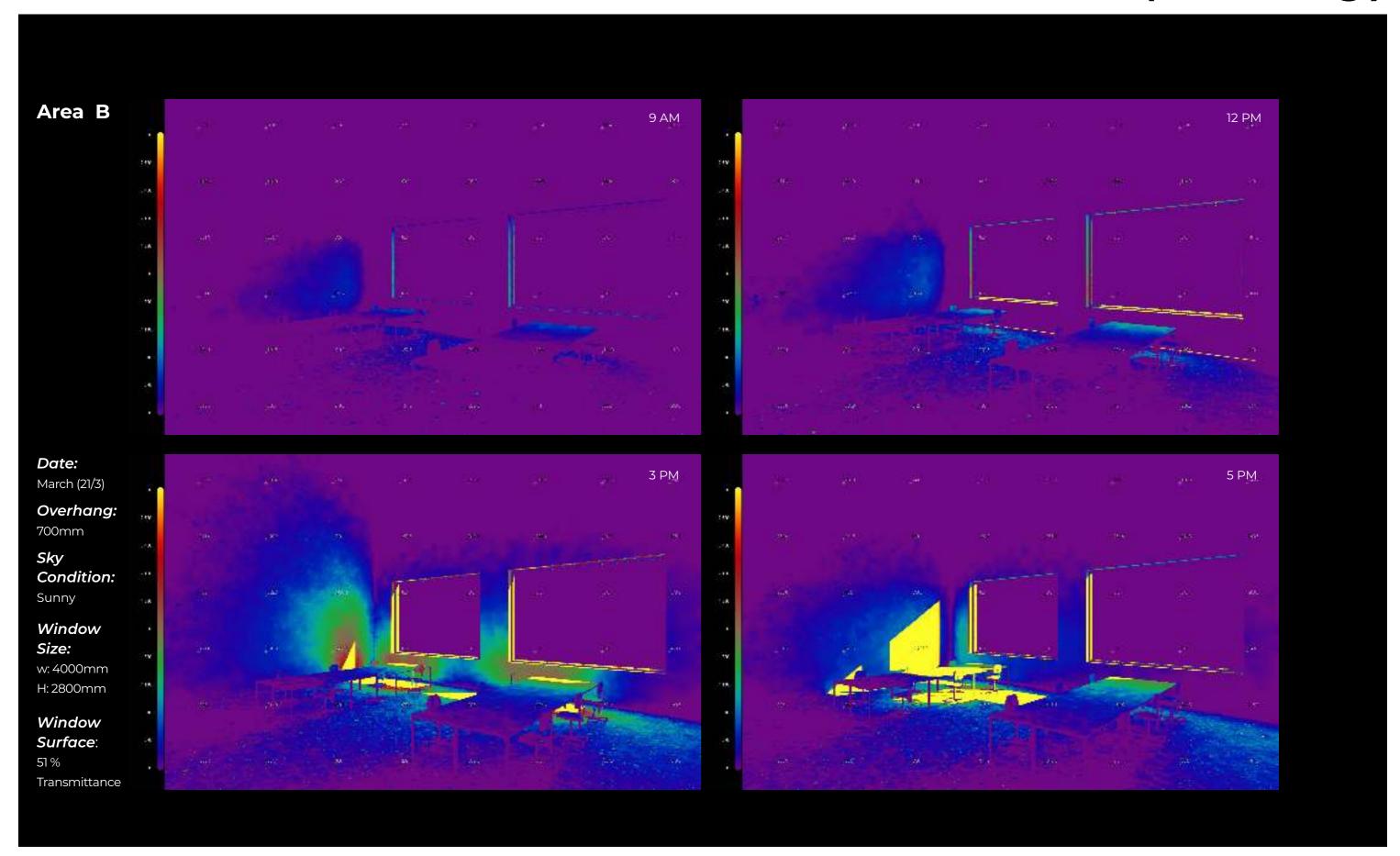


DAYLIGHT ACCESS PLAN (proposal)

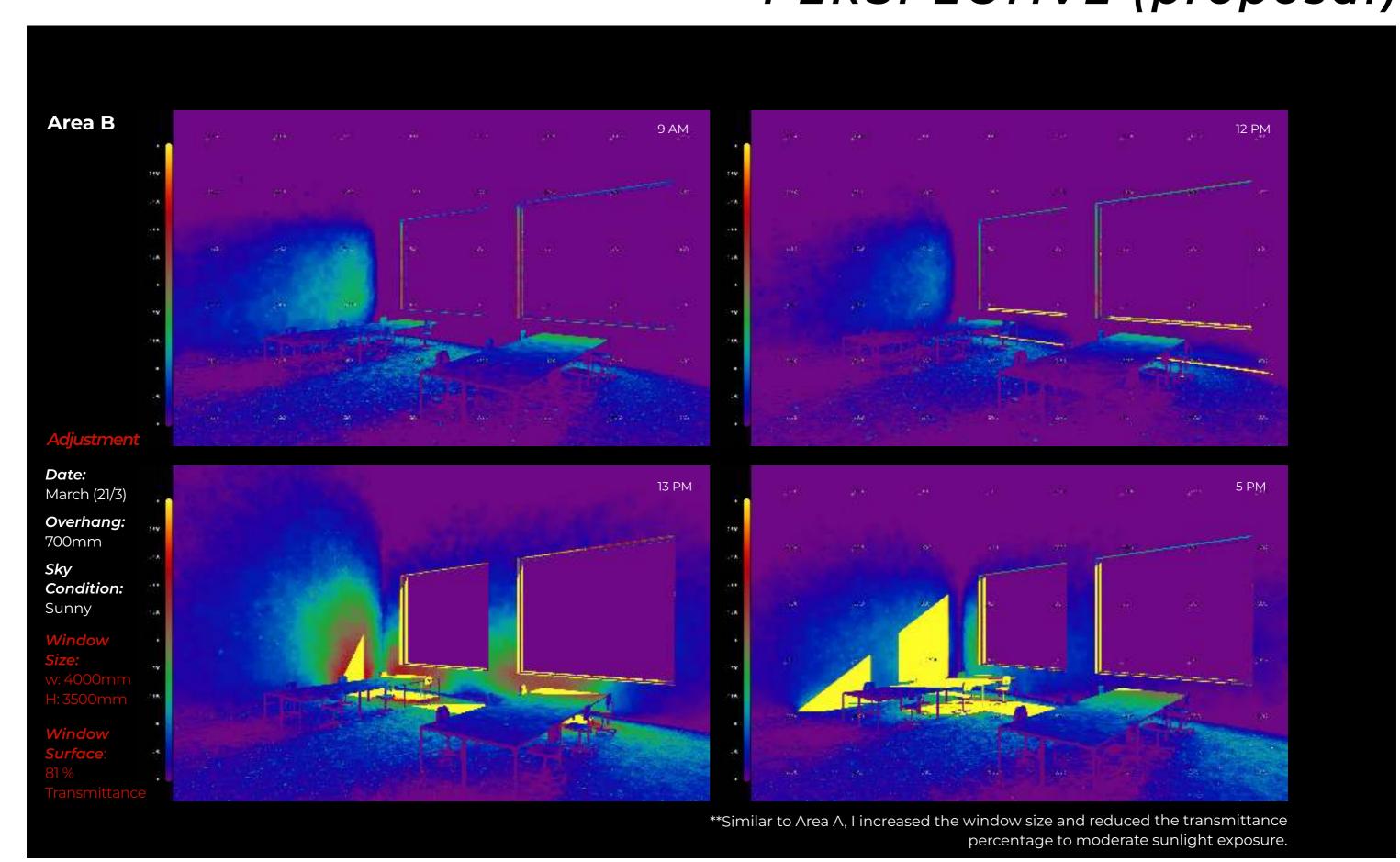




DAYLIGHT ACCESS PERSPECTIVE (existing)



DAYLIGHT ACCESS PERSPECTIVE (proposal)

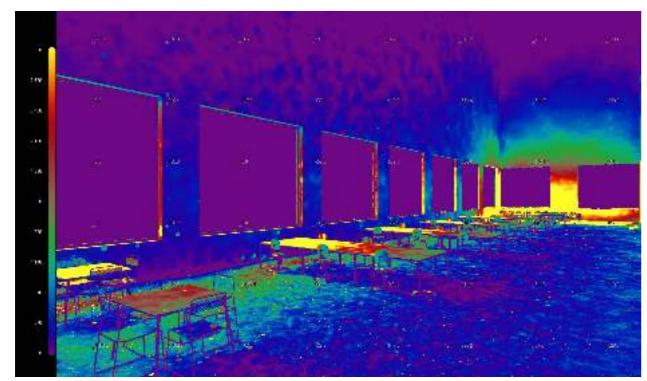




Daylight Simulation

Perspective Render

Area A

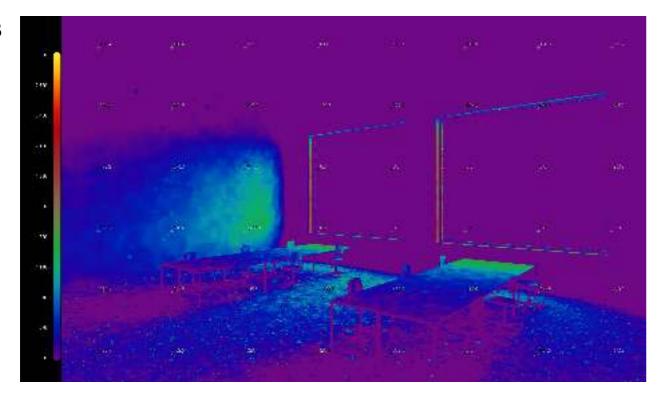




Daylight Simulation

Perspective Render

Area B





Area A

Settings Units Meters - Lux

Room Dimensions Length [X]: 10 m Width [Y]: 32 m Height [Z]: 4 m Workplane: 2.5 m Ceiling Type: 0.6x0.6 m

Room Reflectances

Ceiling: 80% Walls: 50% Floor: 20%

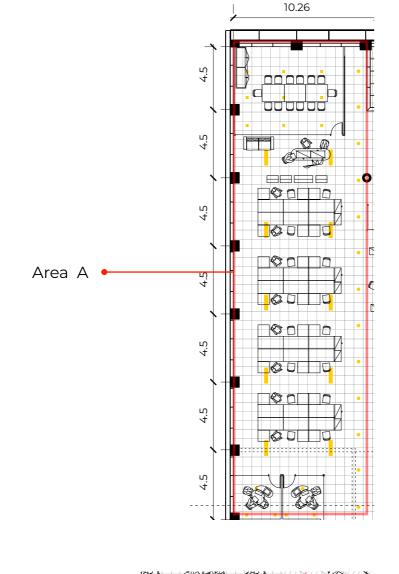
Criteria

Illuminance: 300 lux

Calculation Results

Illuminance: 346 lux Power Density: 3.84 W/m2

Quantity: 8



Area B

Settings Units Meters - Lux

Room Dimensions Length [X]: 11 m Width [Y]: 10 m Height [Z]: 4 m Workplane: 2.5 m Ceiling Type: 0.6x0.6 m

Room Reflectances

Ceiling: 80% Walls: 50% Floor: 20%

Criteria

Illuminance: 300 lux

Calculation Results

Illuminance: 394 lux Power Density: 4.71 W/m2 Quantity: 3

0 20 m **SCALE 1:250**

Area B



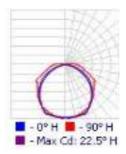
LUMINANCE CALCULATION

Lighting Specs

CLF11L 4FT 170W 40K CLP

Luminaire LED



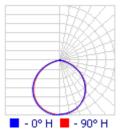


Light Loss Factor: 1 Suspension Length: 0 Orientation: 0 Symbol Shape: Rectangular Lamp Quantity: 55 Symbol Length: 0.25 Lumens Per Lamp: 31 Symbol Width: 1.13 Wattage: 172.6

VRP 1X1 2500LM 50K 80CRI 120V FPC25

Mark Architectural Lighting

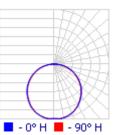




Light Loss Factor: 1 Suspension Length: 0 Orientation: 0 Symbol Shape: Rectangular Lamp Quantity: 105 Symbol Length: 0.79 Lumens Per Lamp: 2530 Symbol Width: 1.13 Wattage: 26.8

HPCS DRP 12DOA 1000LM 80CRI Healthcare Lighting





Light Loss Factor: 1 Suspension Length: 0 Orientation: 0 Symbol Shape: Circular Lamp Quantity: 106 Symbol Length: 0.3 Lumens Per Lamp: 979 Symbol Width: 1.13 Wattage: 11.4

Desk Lamb

Tolomeo table Pure Integralis -Body Lamp



LUMINAIRE DAY MODE Delivered lumen output: 483lm Radiant Flux: 465mW Efficacy: 69lm/W

Watt: 7W Voltage: 24V

CCT: 3600K

CRI: 80