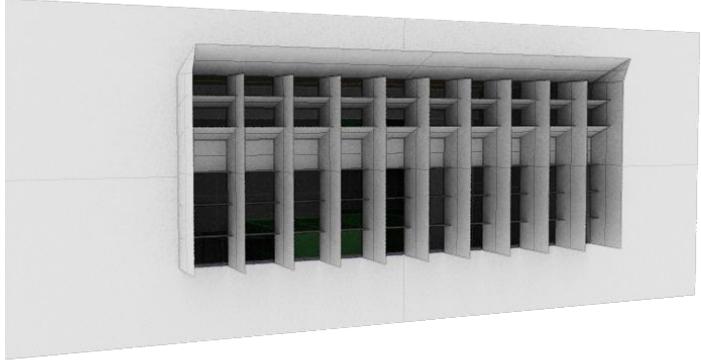


Daylight Simulation

Pegah Mathur

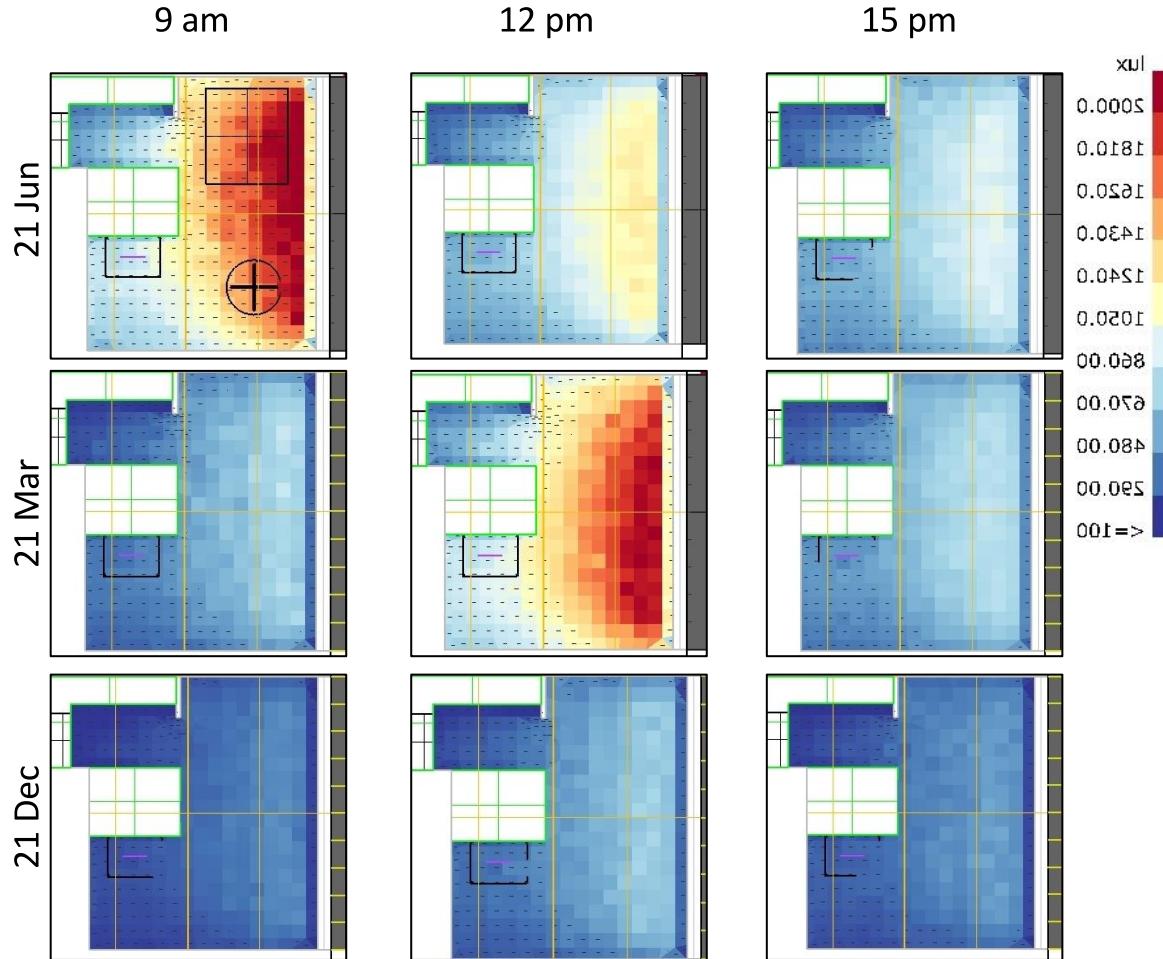


Design Intent:

The intent of this shading was to design a shade which provides enough and appropriate daylight into the space while protects irritating glare.

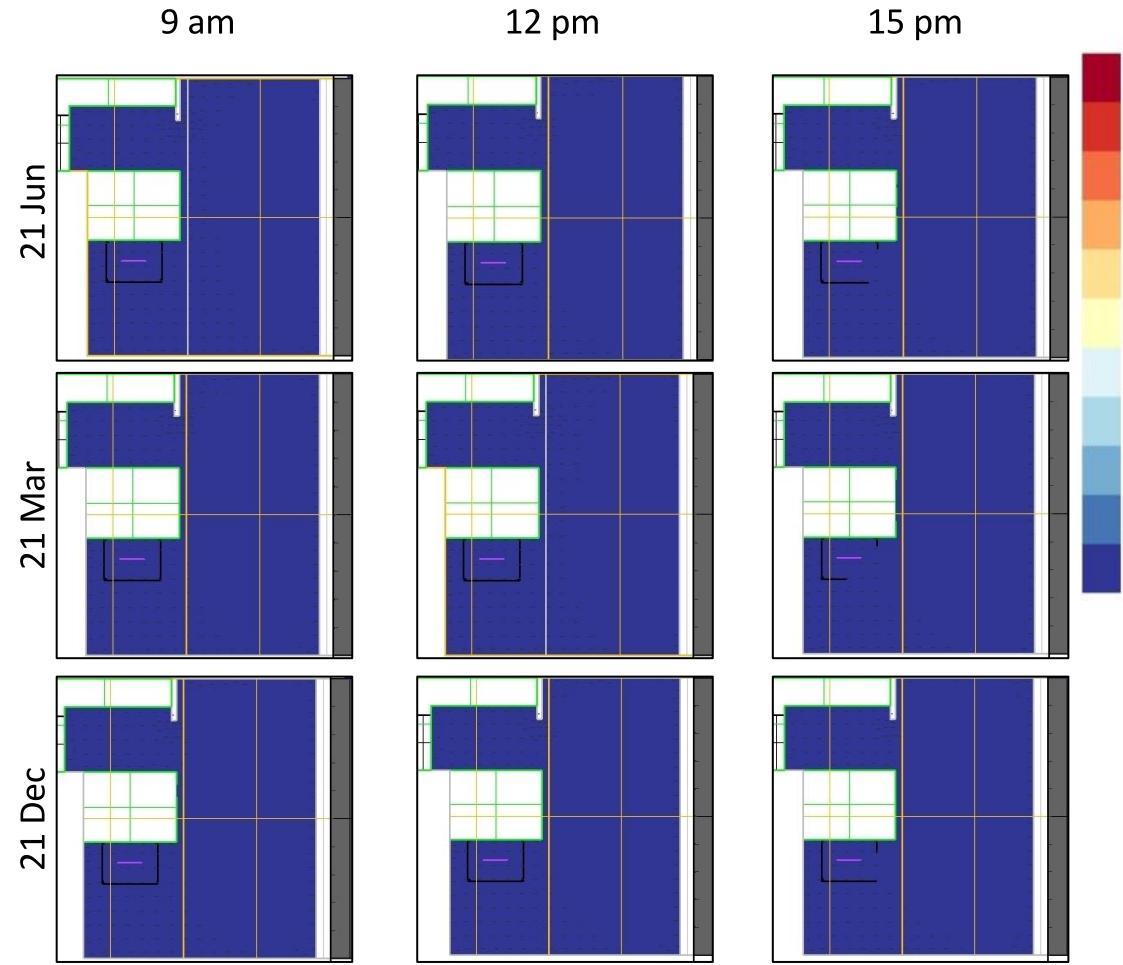
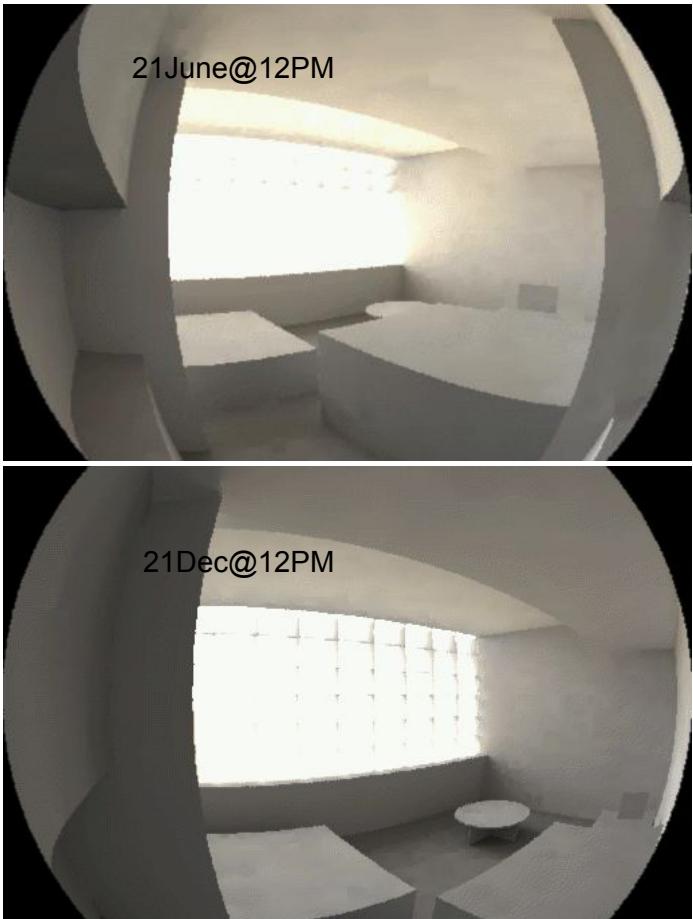
The challenge was to provide enough light penetration into the deeper parts and on the desk in Dec while, blocking the glare on the parts close to window in March and June.

Many design proposals were simulated as trial and error method to reach an optimum shading for the whole year.....



Daylight Simulation

Pegah Mathur



lux

3000.00
2900.00
2800.00
2700.00
2600.00
2500.00
2400.00
2300.00
2200.00
2100.00
<=2000

Daylight Simulation

Pegah Mathur

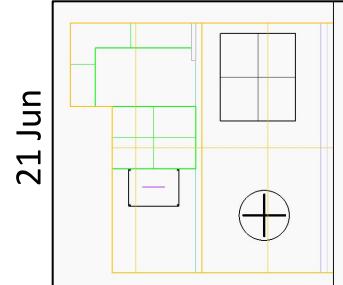
21June@12PM
DGP=0.269



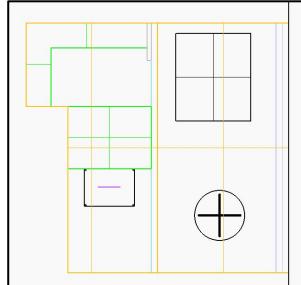
21Dec@12PM
DGP=0.235



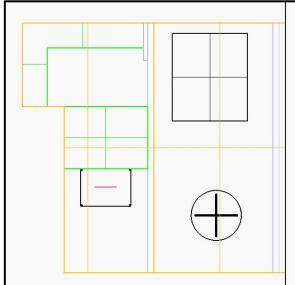
9 am



12 pm



15 pm



21 Jun

21 Mar

21 Dec

Place holder for legend