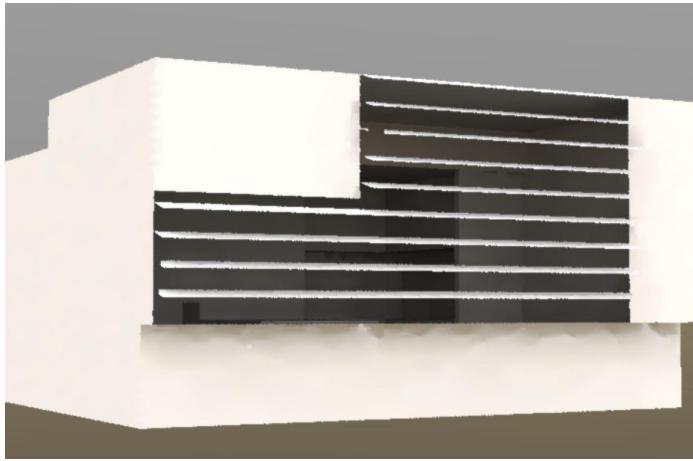


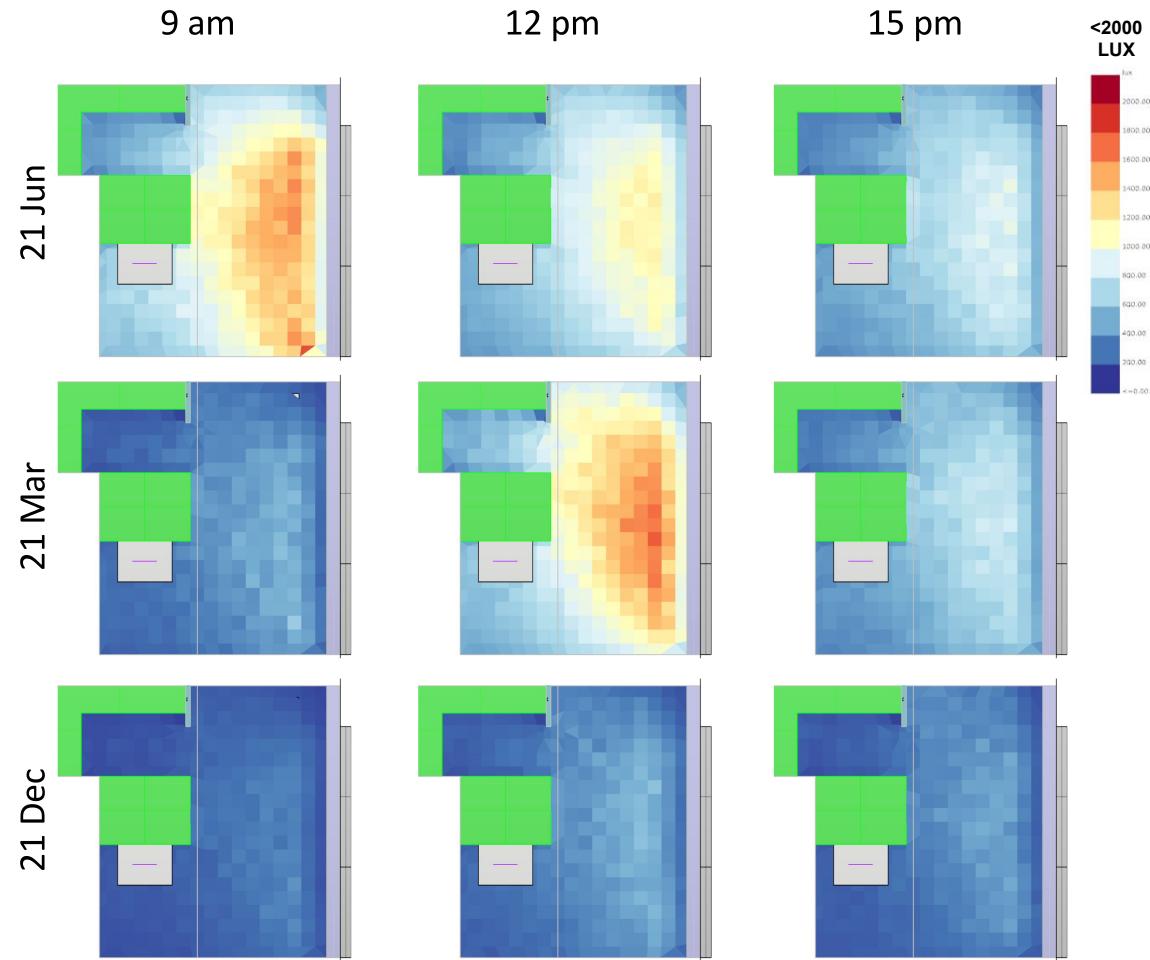
OPTIMAL DAYLIGHT SHADING

Janki A Vyas



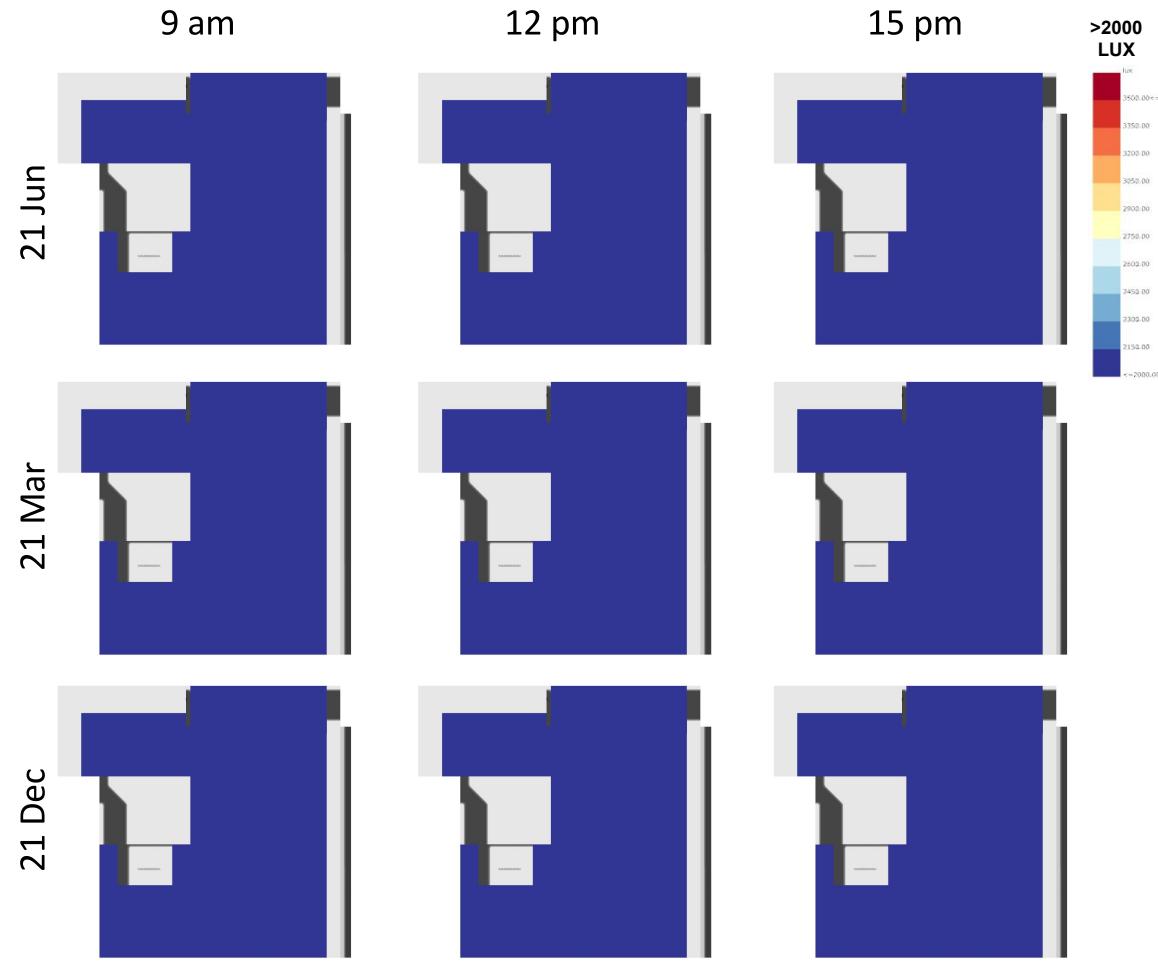
Design Intent:

The intent of this shading design is to provide a comfortable level of daylight illumination in this multi-use space. Solar paths were analyzed to avoid direct solar gain in the office area while preserving views to the outside. Since the kitchen area is much deeper, window height was maximized to allow greater daylight penetration. Furthermore, to an attempt was made to minimize glazing area, especially in areas where daylighting benefit was minimal.



OPTIMAL DAYLIGHT SHADING

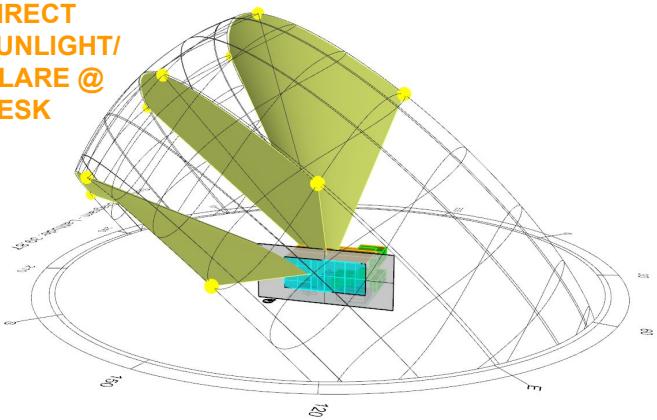
Janki A Vyas



OPTIMAL DAYLIGHT SHADING

Janki A Vyas

DIRECT
SUNLIGHT/
GLARE @
DESK



DIRECT
SUNLIGHT/
GLARE @
KITCHEN

