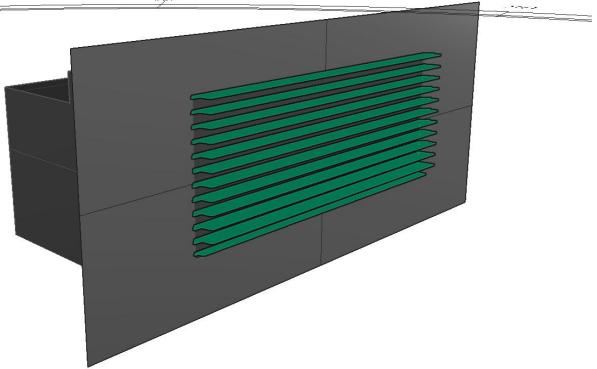


# Enough Daylighting

Rong\_Shengliang

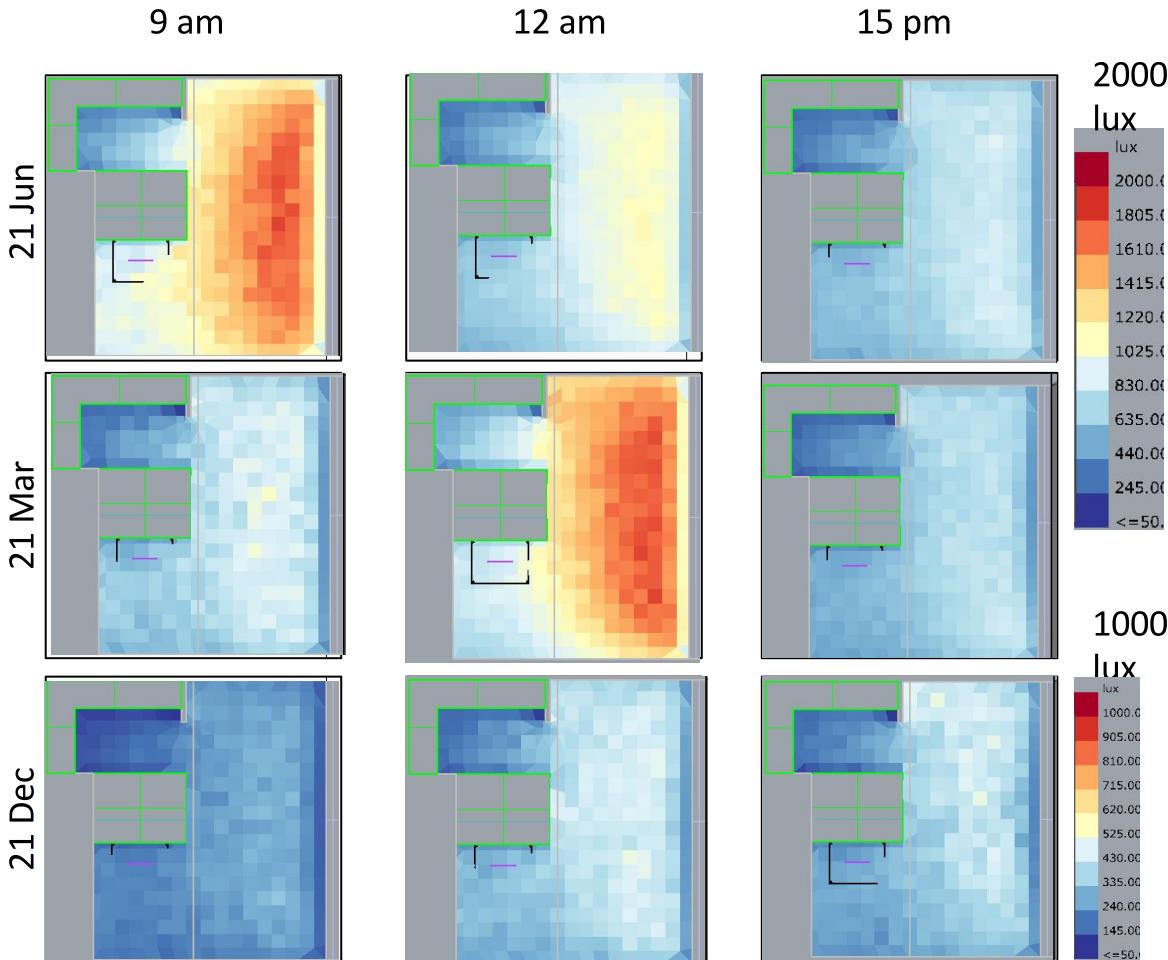


## Design Intent:

Based on the Illuminating Engineer Society\_Tenth Edition, minimum illuminance level for bedroom is 50 lux, living room is 200lux, Kitchen is 150lux, working space is 400lux.

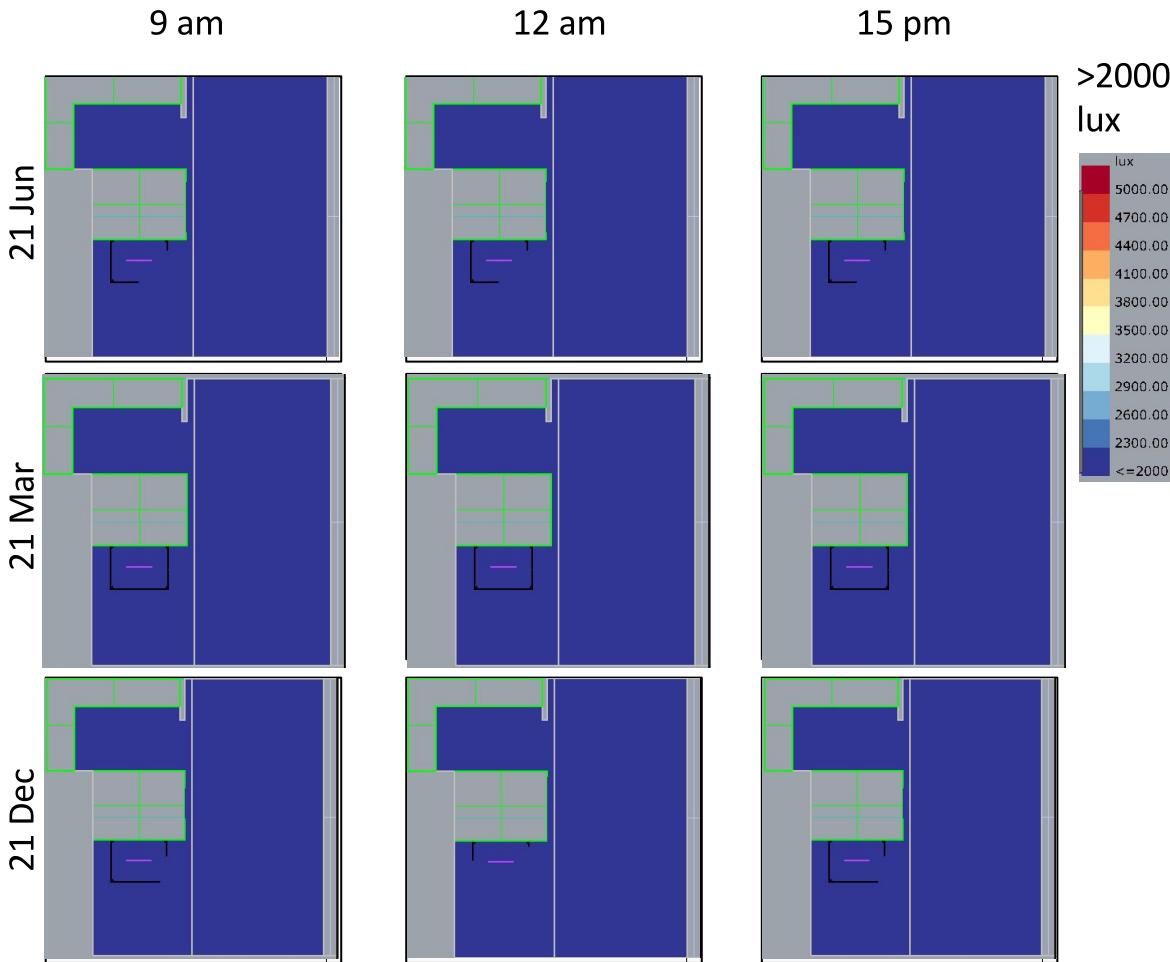
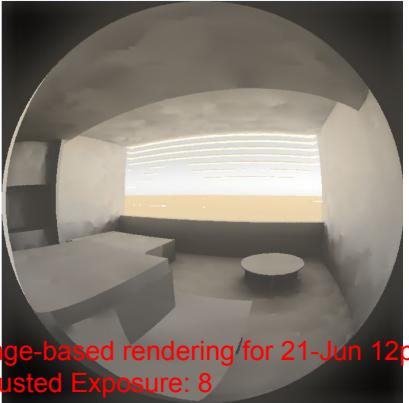
According to diagrams on Third Page, kitchen is well daylit all the time , however, the rest of the room are overwhelmed with radiance. So the goal is to design a facade that prevent over-radiance for the room, but provide enough daylighting in the same time.

Using **Shading Designer in Ladybug**, Shading generated for 9 Sun positions, including: 9am/12pm/15pm in 06/21, 03/21 and 09/2, is the best option.



# Avoid Too Much Daylighting

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# Original Daylighting Result

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