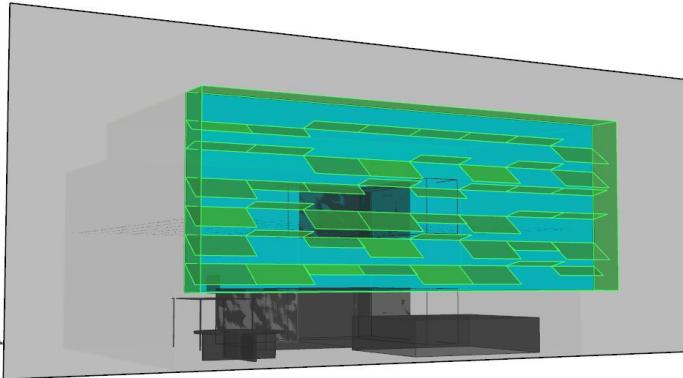


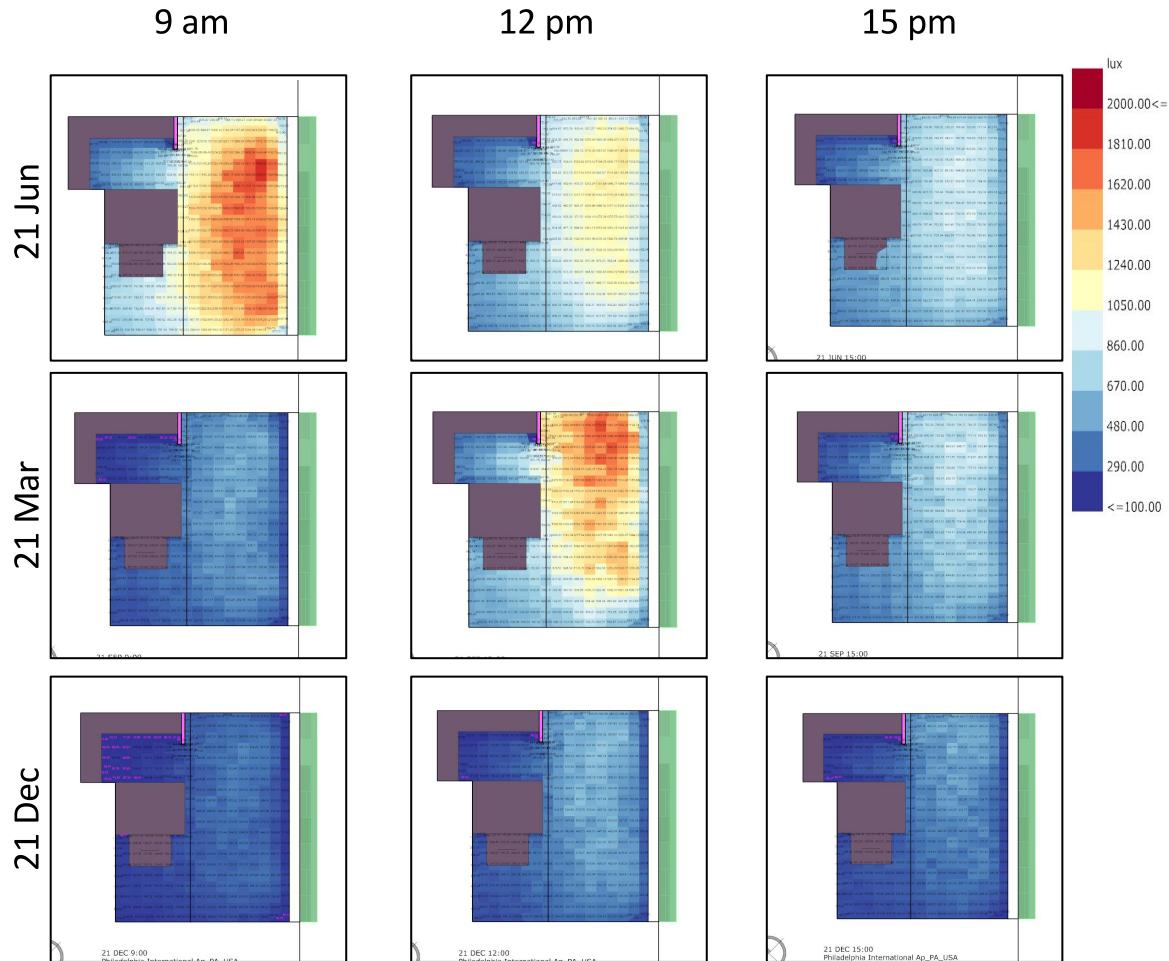
# ENOUGH DAYLIGHT

Mingbo Peng



## Design Intent:

The new shading system includes four parts to optimize five main problematic times, which are June 21st @9am, June 21st @12pm, September 21st @12pm, December 21st @9am, and December 21st 12pm. The comfort daylight level is defined from 100 lux to 2000 lux. Only a few corners in deep kitchen area are below 100 lux at 9 am of December 21<sup>st</sup> (labeled in magenta).

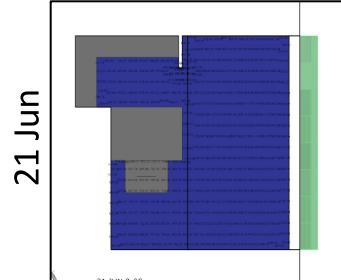


# NOT TOO MUCH DAYLIGHT

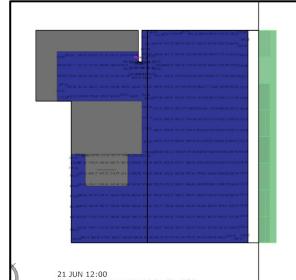
Mingbo Peng



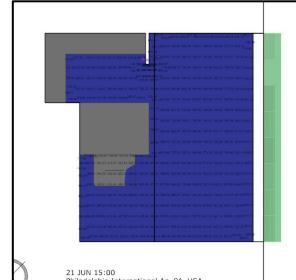
9 am



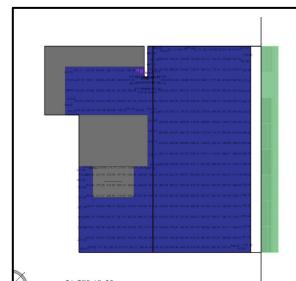
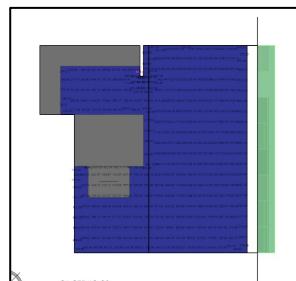
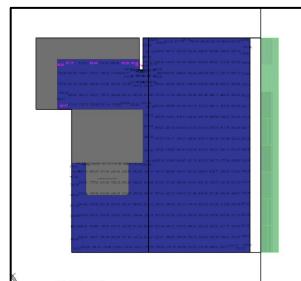
12 pm



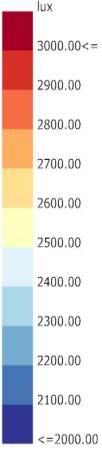
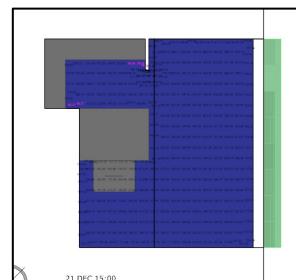
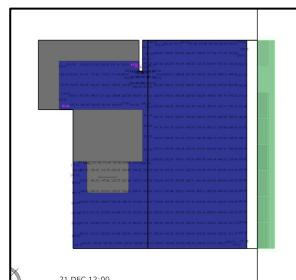
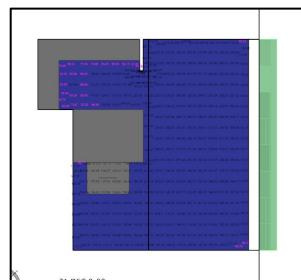
15 pm



21 Mar

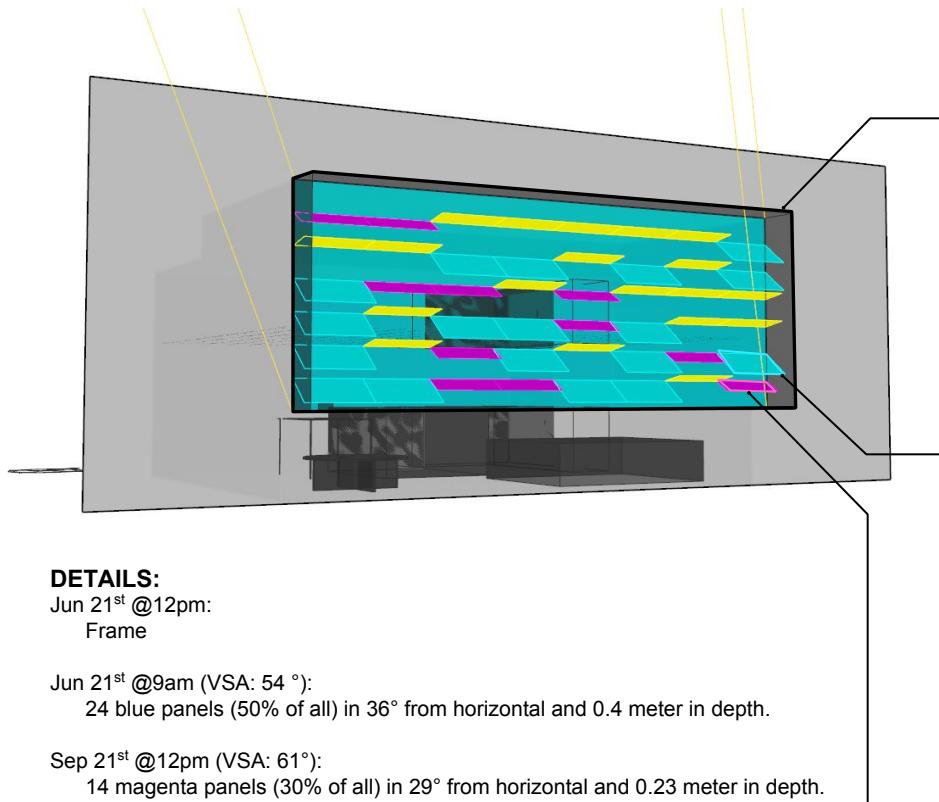


21 Dec

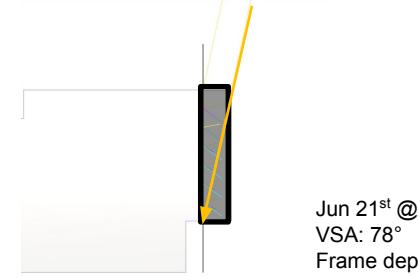


# DETAILS

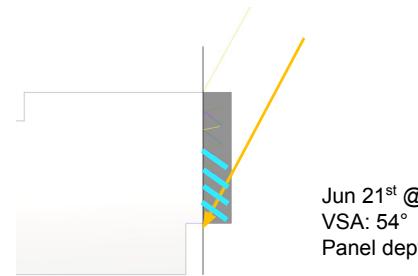
Mingbo Peng



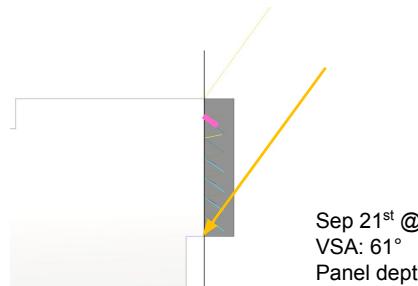
## SECTION DIAGRAMS



Jun 21<sup>st</sup> @12pm  
VSA: 78°  
Frame depth: 0.5 m



Jun 21<sup>st</sup> @9am  
VSA: 54°  
Panel depth: 0.4 m @36°



Sep 21<sup>st</sup> @12pm  
VSA: 61°  
Panel depth: 0.23 m @29°