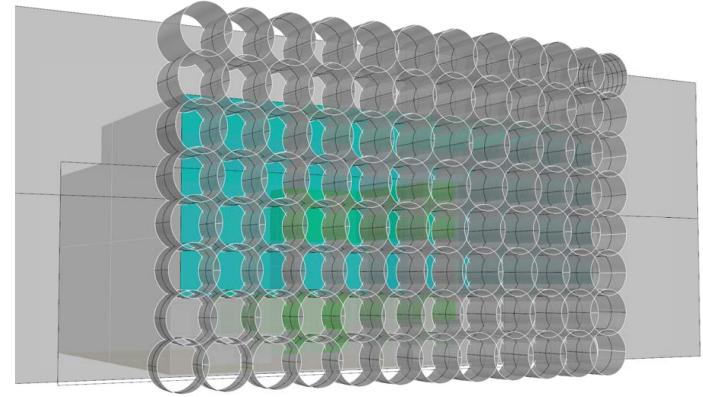


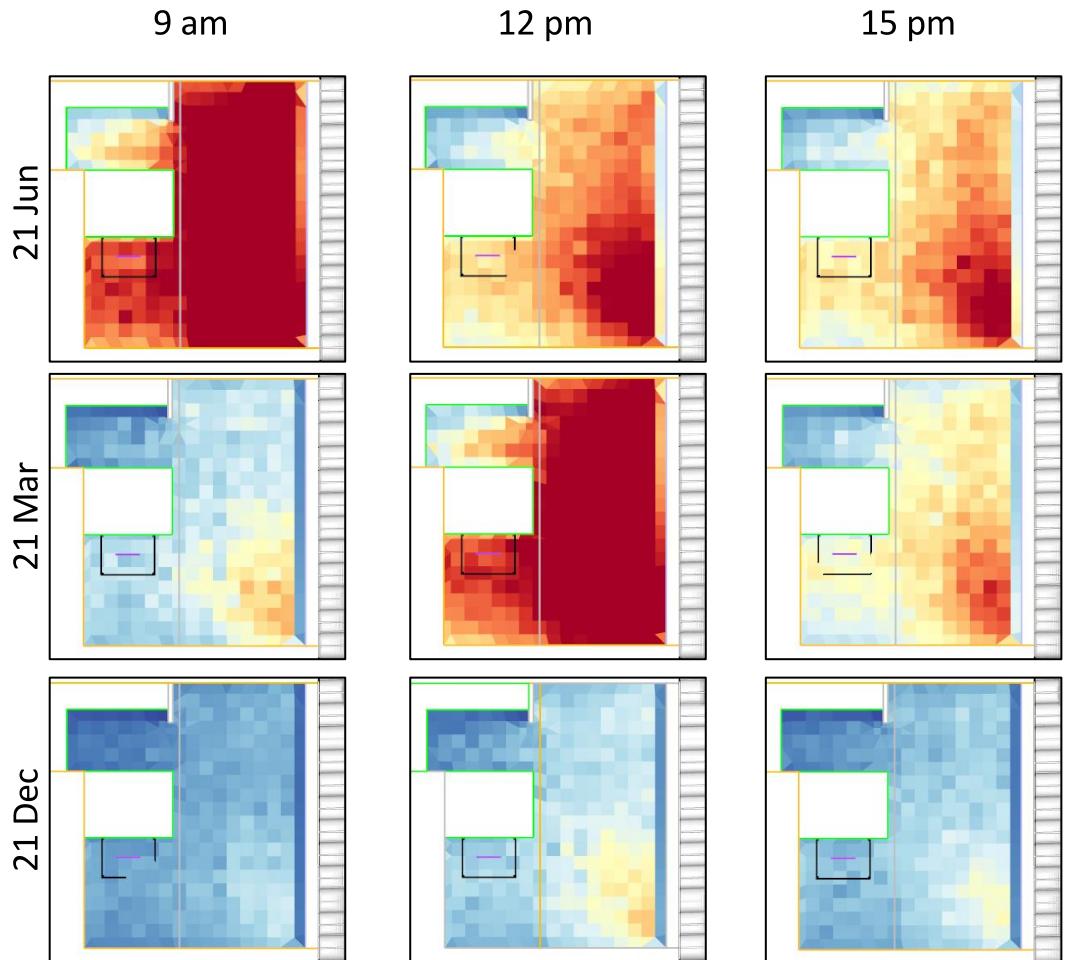
Cylinder Facade_enough daylight

Shin Yi Kwan



Design Intent:

The concept of the façade design is to keep the view while capable of reducing glare in the room. By using cylinder shape shadings, the direct sun light is diffused and create more ambient bounces for each reflected light ray. The depth of the cylinder is adjusted by testing its performance in "grid-based daylight simulation". Cylinders' depth in north-east side in longer to avoid too much sunlight in sleeping area. In south-west side the depth is shorter to receive more light for the inner working area.



Cylinder Facade_avoid too much daylight

Shin Yi Kwan

