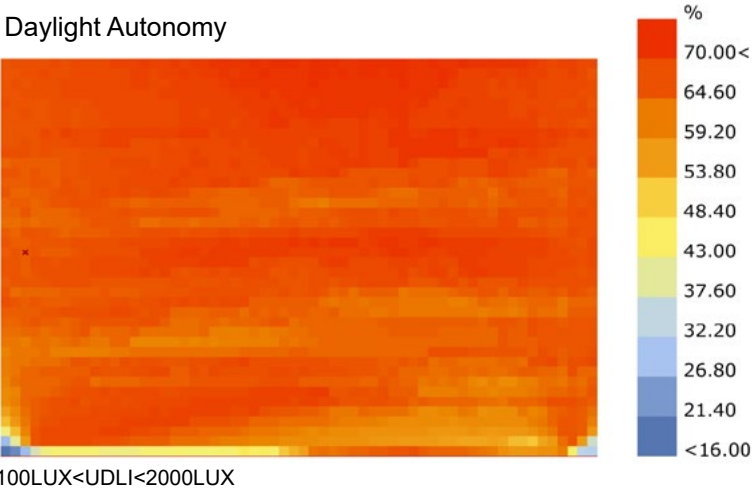
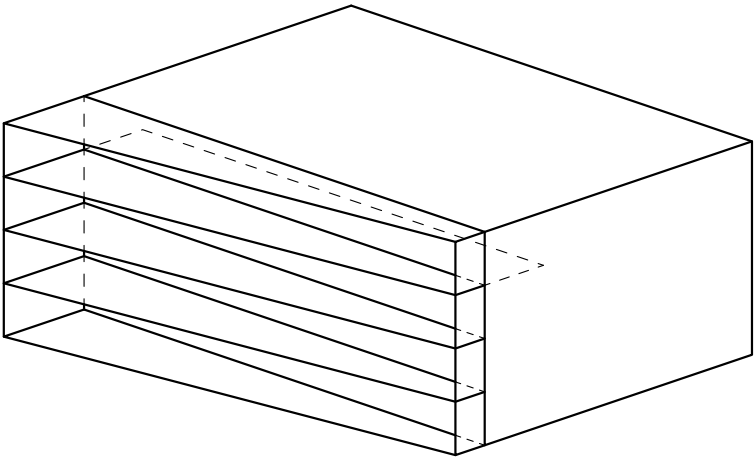
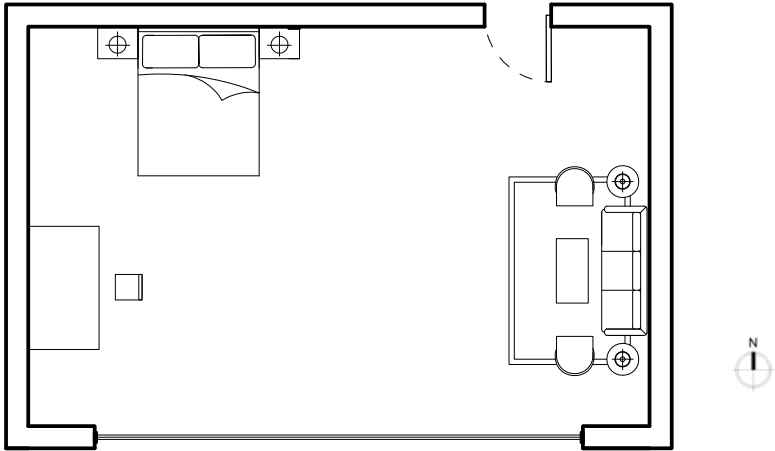


Comfort Louvers Design for a Simple Room

Yunqian Li MEBD PennDesign

Through passive design methods, the performance of this unconditioned simple room achieved 76% percentage of indoor thermal comfort and 96% sDA for at least 50% >300lux daylighting. The methods used during the design process includes: adding shading louvers and lighting shelves, adjusting ventilation, adjusting glazing rate, and changing construction materials.



Percent of Time Comfortable: 76%
Percent of Time Hot: 8%
Percent of Time Cold: 16%

