DIVA

Warnings

No warnings.

Simulation Tips

Daysim generates a schedule file, that can be linked to a thermal simulation program. To open file click the link below

C:\DIVA\temp\TestOffice\TestOffice_intgain.csv

Daysim Simulation Report

Daylit Area (DA_{300lux}[50%])	8% of floor area
Mean Daylight Factor	2.0%
Occupancy	3650 hours per year
Glare	13.3% of occupied hours
Shading Group 1 open	29% of occupied hours

Daylight Factor (DF) Analysis: 25% of all illuminance sensors have a daylight factor of 2% or higher. Assuming that the sensors are evenly distributed across occupied for critical visual tasks', the investigated lighting zone does **not** qualify for LEED-NC 2.1 daylighting credit 8.1.

Daylight Autonomy (DA) Analysis: The mean daylight autonomy is 14% for active occupant behavior. The percentage of the space with a daylight autonomy l is 8% for active occupant behavior.

Continuous Daylight Autonomy (DA) Analysis: The mean continuous daylight autonomy is 32% for active occupant behavior. The percentage of sensors with a is 8% for active occupant behavior

Useful Daylight Illuminance (UDI): The percentage of the space with a $UDI_{<100\text{-}2000lux}$ larger than 50% is 28% for active occupant behavior.

Electric Lighting Use: The predicted annual electric lighting energy use is:

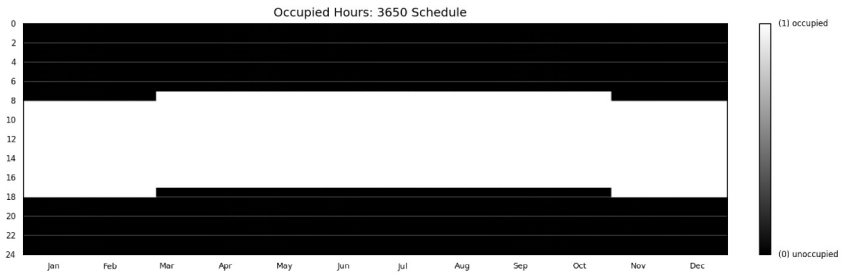
Simulation Assumptions

Site Description:

The investigated building is located in Boston (42.37 N/ 71.02 E).

User Description:

The total annual hours of occupancy at the work place are 3650.

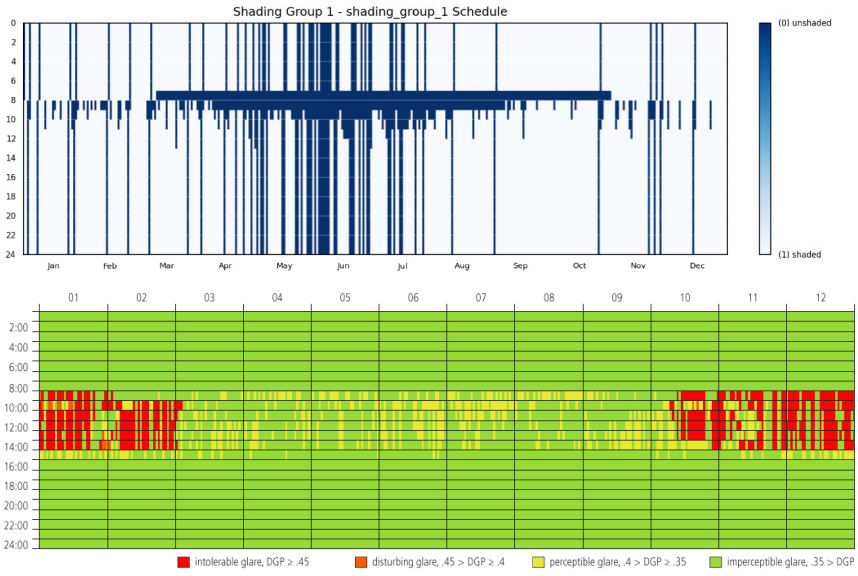


Lighting Control:

There is no electric lighting system specified for the scene.

ShadingControl:

- ShadingGroup 1: The system is manually controlled according to the Lightswitch model.



Daysim header File: C:\DIVA\temp\TestOffice\TestOffice.hea