Human centered design

Sunlight and field of view analysis using Ladybug Tools

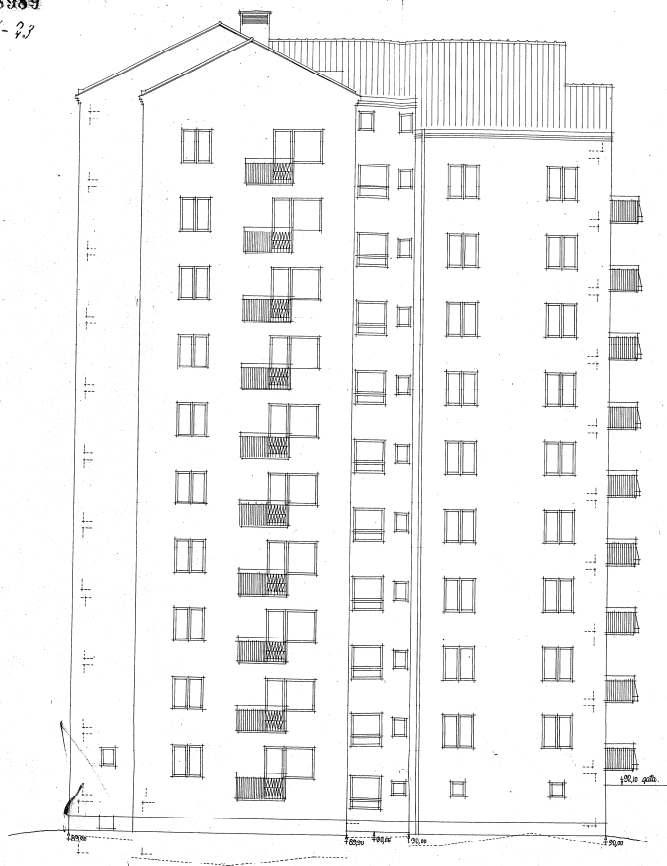


58989
4-43

GODKÄND ... ÅNDRA AVDELNINGEN ... 11/8 50

182757

Som FASTSTÄLLD AV ... NÄMNDEN I GÖTEBORG
den 2 DEC 1950
...



Fasad mot nordväst.

GULDHEDEN

Tomt nr 1, 45 kv. Nipsippan.

Byggnad A.

Datum	Skala	Litt	Nio
4.10.1949.	1:100.	R 47	512

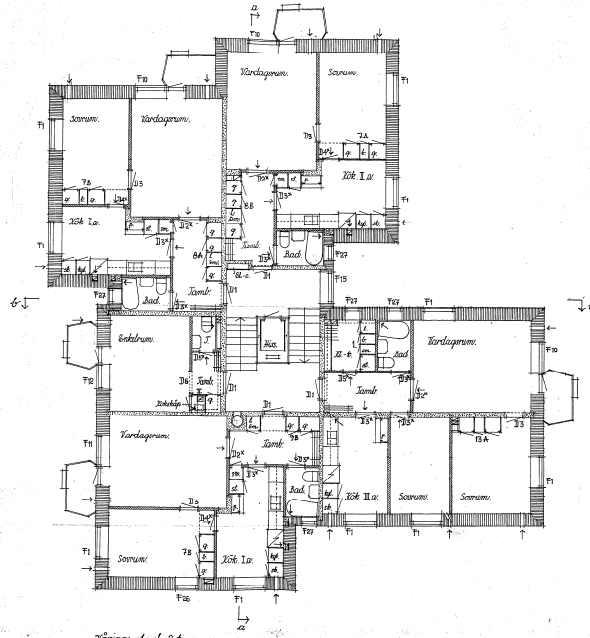
ÅKE WAHLBERG ARKITEKT SAR
CENTRUM, GÖTEBORG TEL. 17 66 30, 17 66 31

58989
10-43

GODKÄND ... ÅNDRA AVDELNINGEN ... 11/8 50

182763

Som FASTSTÄLLD AV ... NÄMNDEN I GÖTEBORG
den 28 DEC 1950
...



Våning 1 och 2 tr. upp.

GULDHEDEN

Tomt nr 1, 45 kv. Nipsippan.
Byggnad A.
Tomt nr 1, 46 kv. Nämnisten.
Byggnad F.

Datum	Skala	Litt	Nio
4.10.1949.	1:100	R 47	499.

ÅKE WAHLBERG ARKITEKT SAR
CENTRUM, GÖTEBORG TEL. 17 66 30, 17 66 31

VÄSTERÅS ARKIVFOTOCENTRAL AB
BOX 9045
720 09 VÄSTERÅS 9
TEL. 021-111980

VÄSTERÅS ARKIVFOTOCENTRAL AB
BOX 9045
720 09 VÄSTERÅS 9
TEL. 021-111980

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182757



Fasad mot nordväst.

N

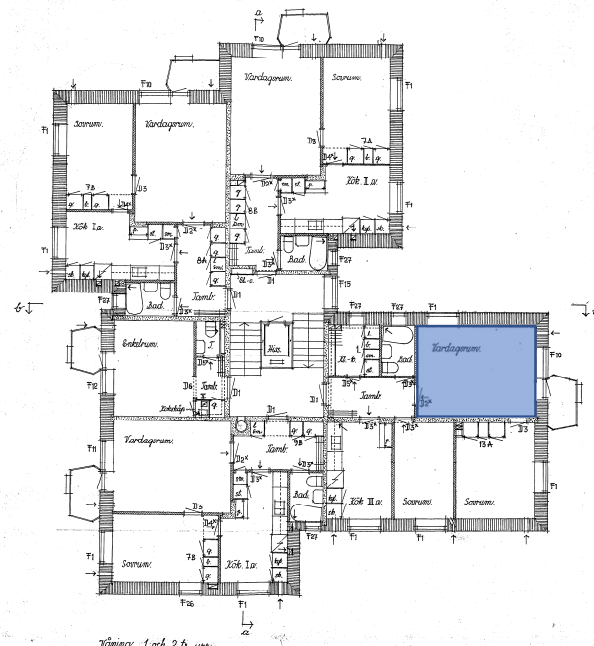
GULDHEDEN
Tomt nr 1, 45 kv. Nipsippan.
Byggnad A.

Datum	Skala	Litt	Nio
4.10.1949.	1:100.	R 47	512

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10-43

182763



Våning 1 och 2 tr. upp.

N

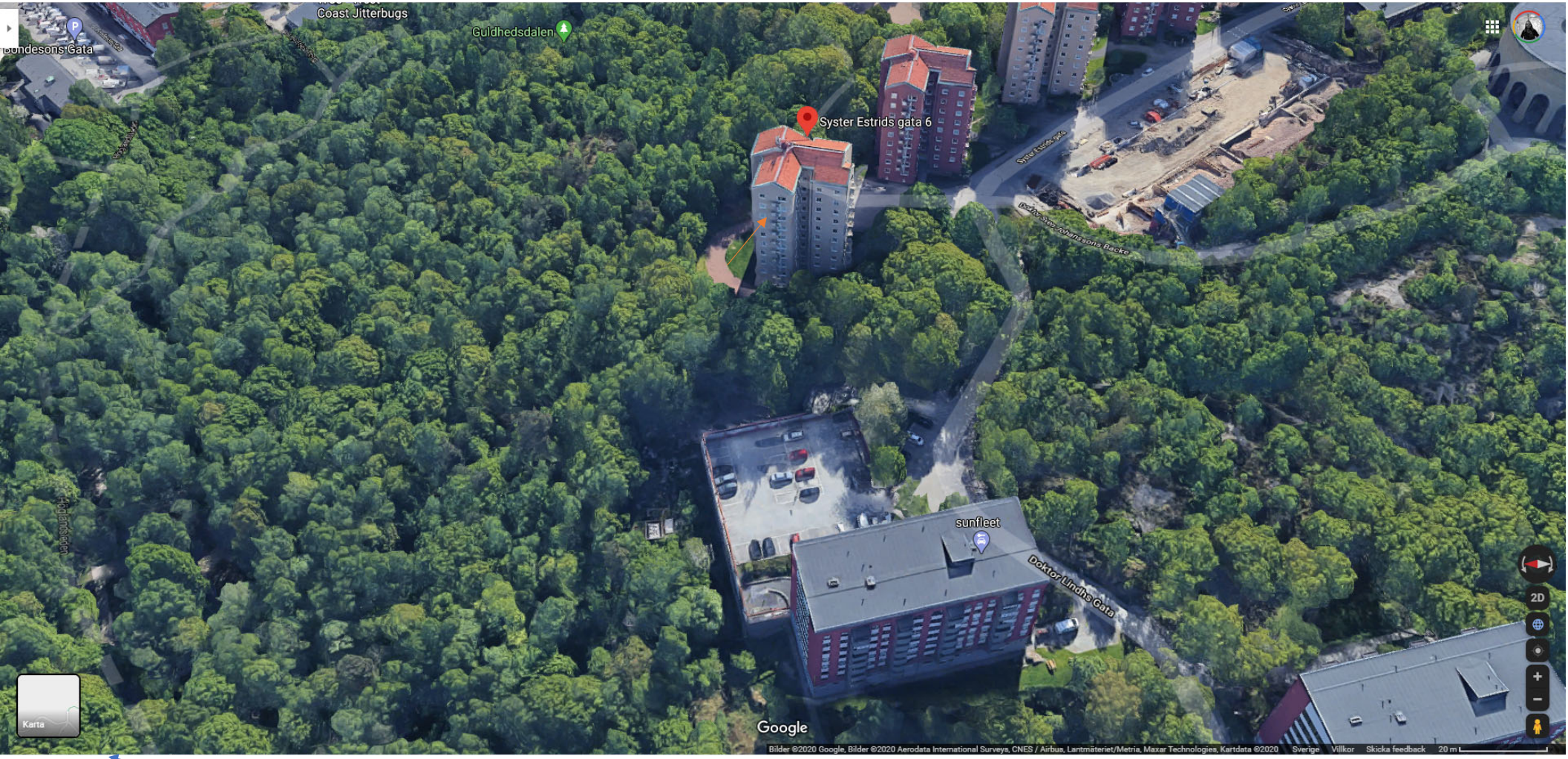
GULDHEDEN
Tomt nr 1, 45 kv. Nipsippan.
Byggnad A.
Tomt nr 1, 46 kv. Nätvioln.
Byggnad F.

Datum	Skala	Litt	Nio
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ÅKE WAHLBERG ARKITEKT SAR
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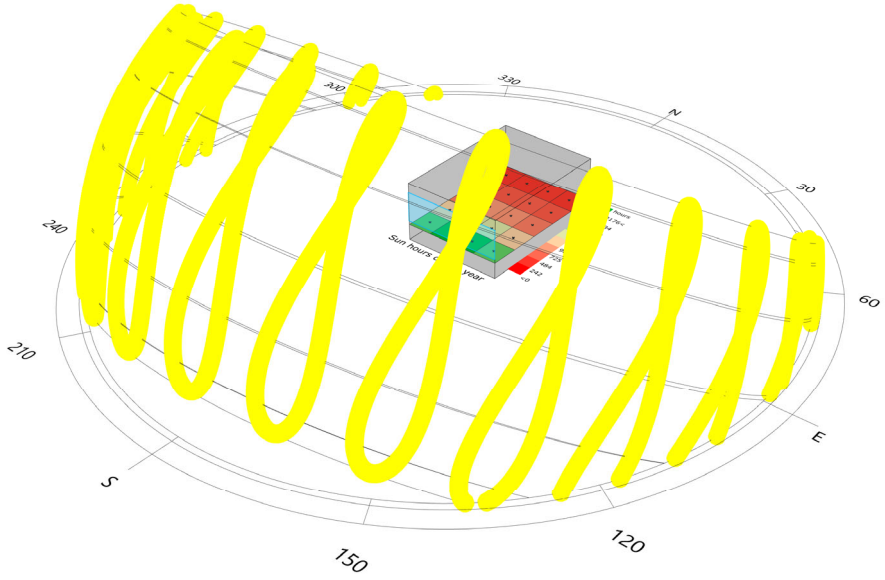
VÄSTERÅS ARKIVFOTOCENTRAL AB
BOX 9045
720 09 VÄSTERÅS 9
TEL. 021-111980

VÄSTERÅS ARKIVFOTOCENTRAL AB
BOX 9045
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TEL. 021-111980

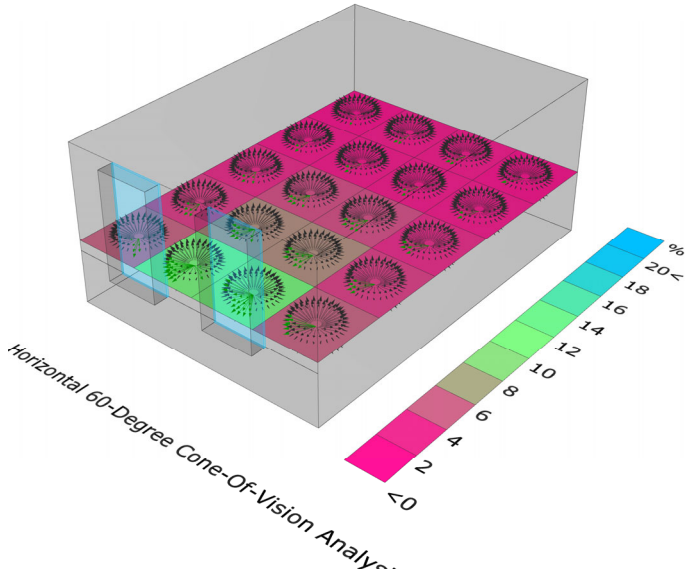

Coast Jitterbugs
Guldhedsdalen
Syster Estrids gata 6
sunfleet
Doktor Lindhs Gata
Google
Karta
2D
Bilder ©2020 Google, Bilder ©2020 Aerodata International Surveys, CNES / Airbus, Lantmäteriet/Metria, Maxar Technologies, Kartdata ©2020
Sverige
Villkor
Skicka feedback
20 m

N





Sunlight hours(direct sun)



View to outdoors









https://www.ladybug.tools/

LADYBUG

HONEYBEE

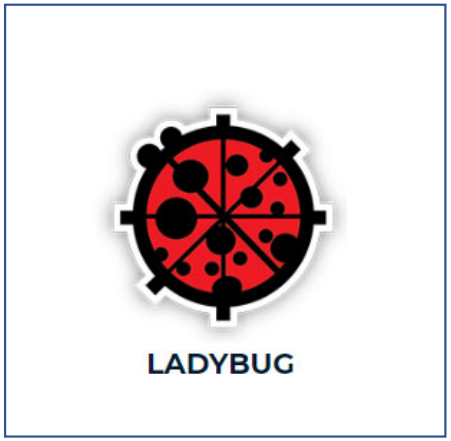
BUTTERFLY

DRAGONFLY

https://www.ladybug.tools/



Grasshopper





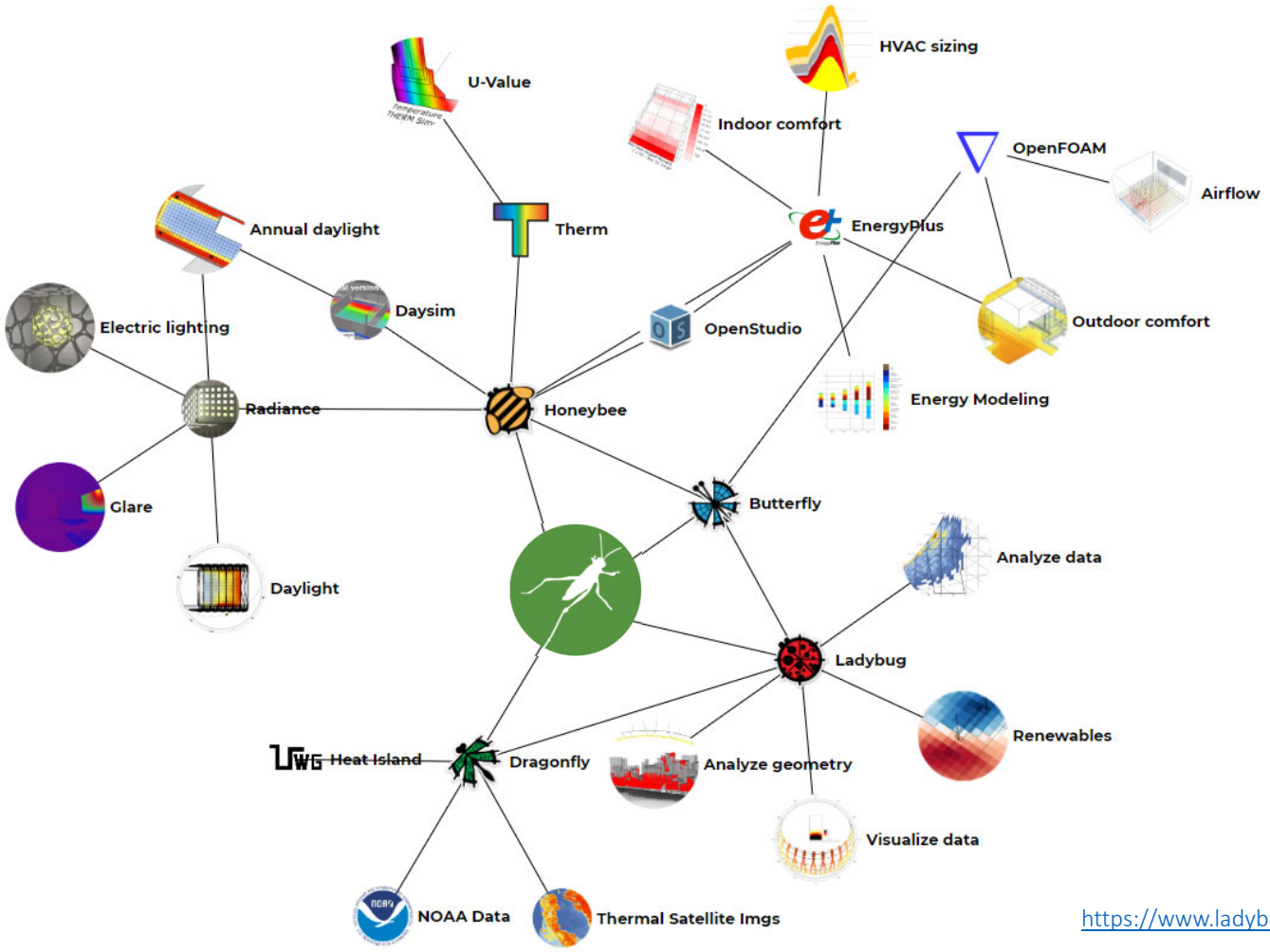




https://www.ladybug.tools/



Grasshopper

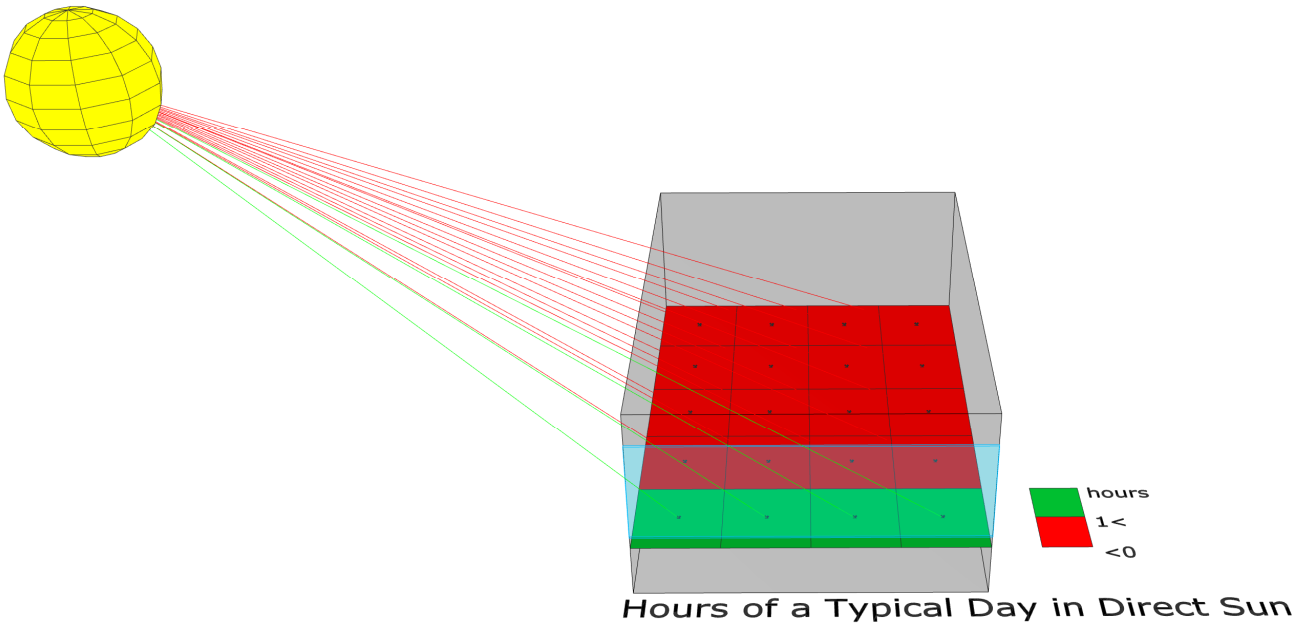


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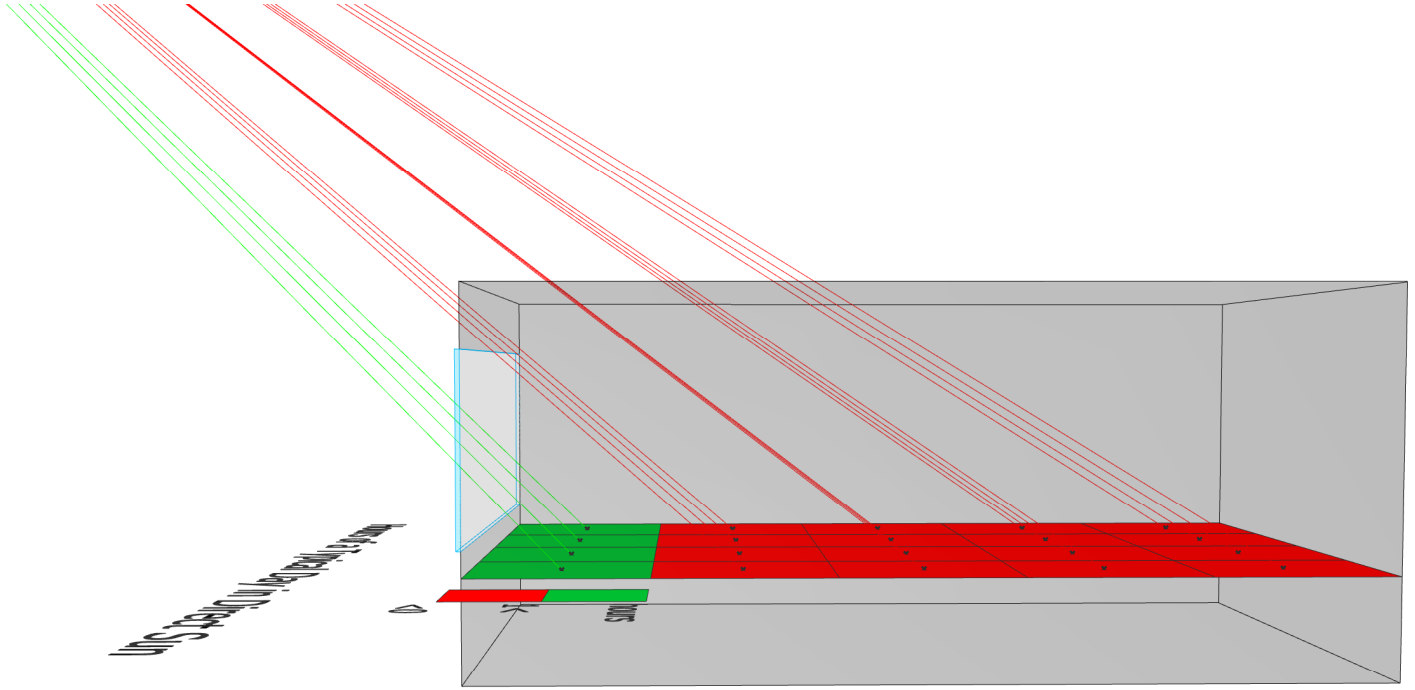


https://www.ladybug.tools/

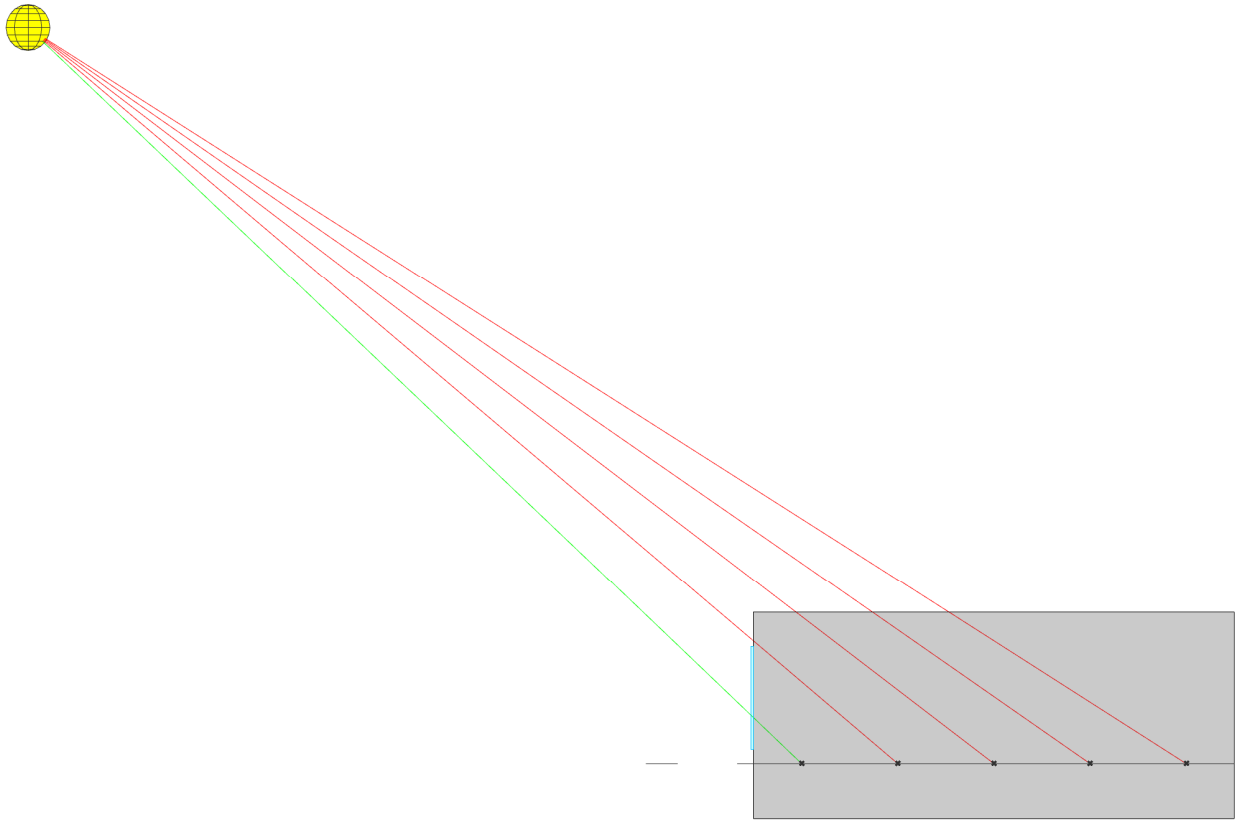
Sunlight hours



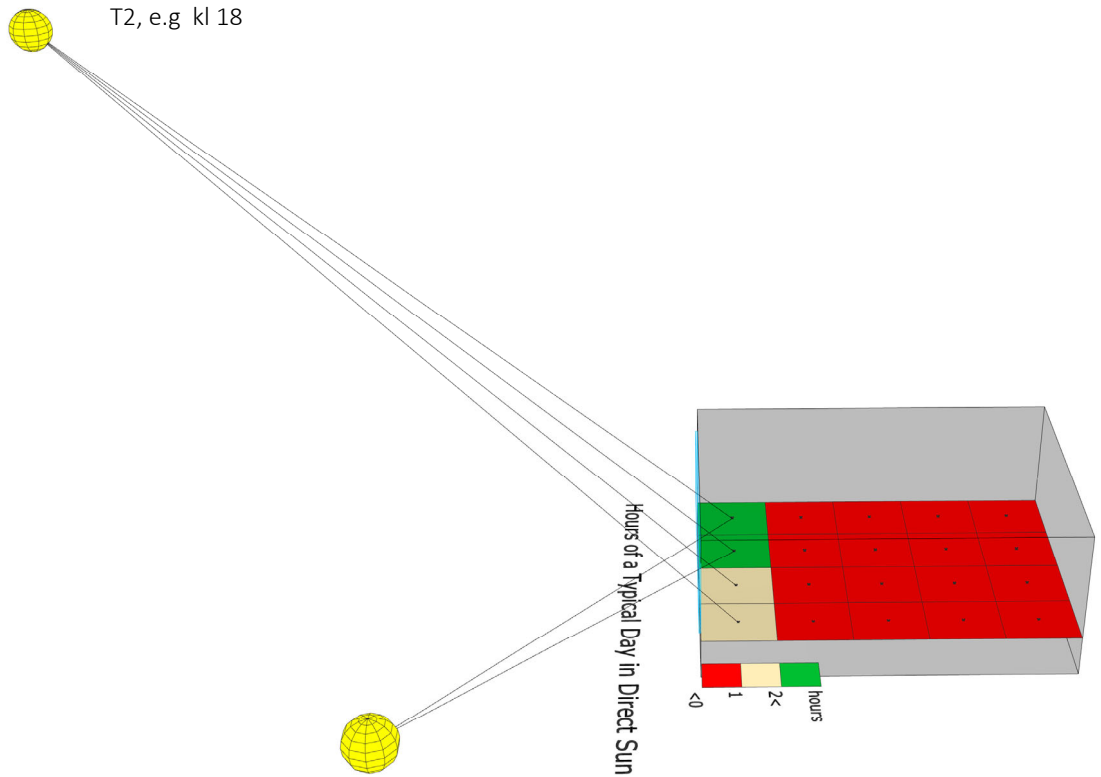
Sunlight hours



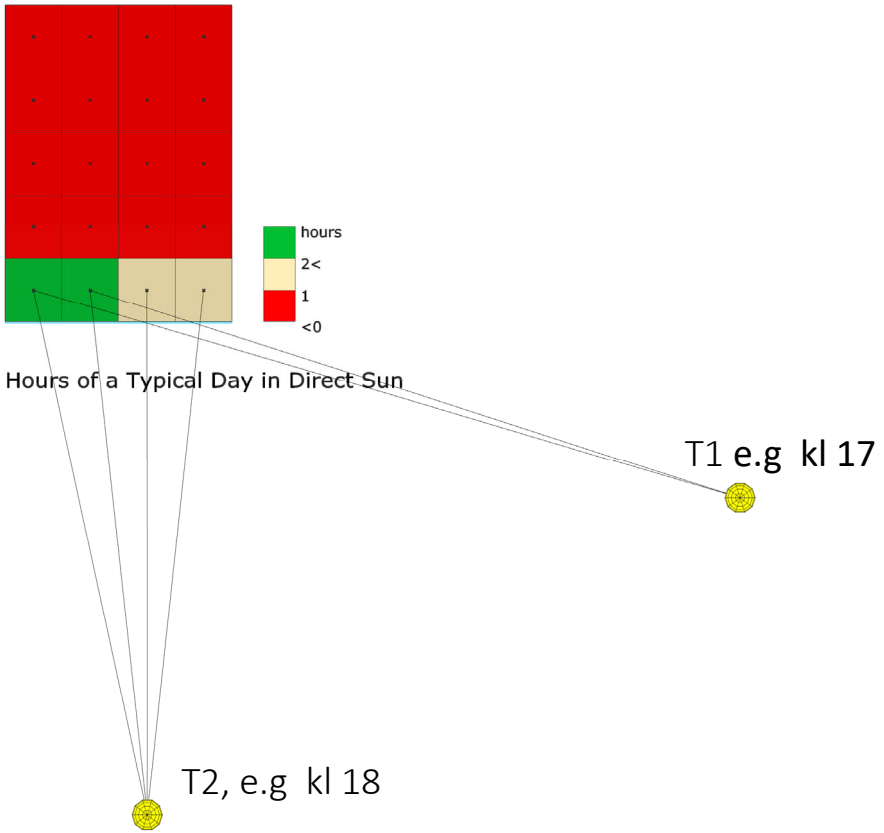
Sunlight hours



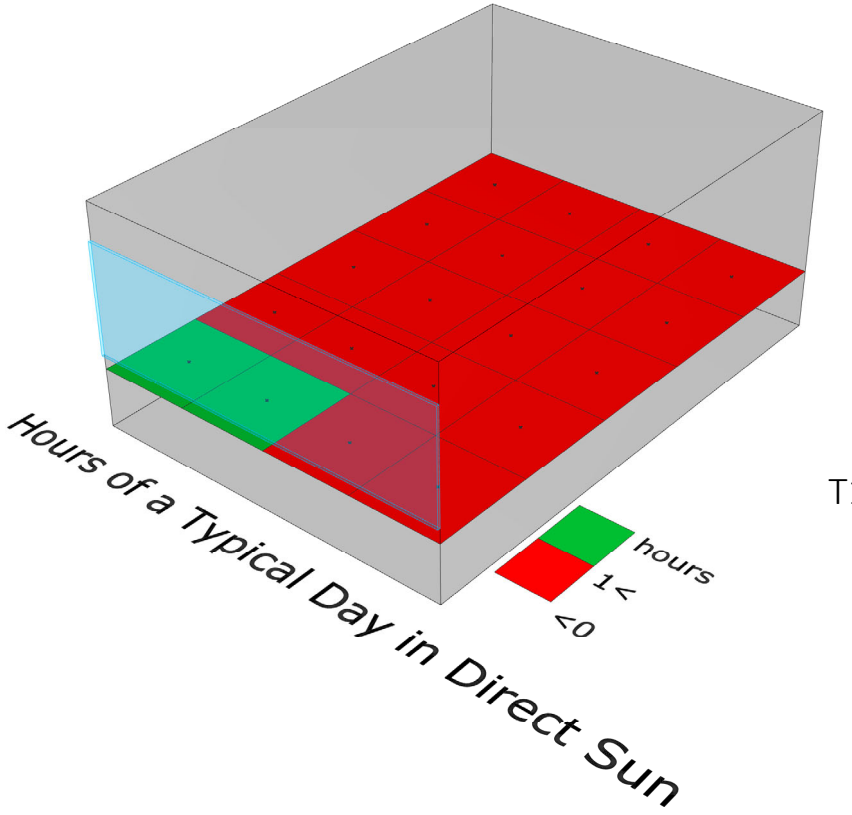
Sunlight hours



Sunlight hours

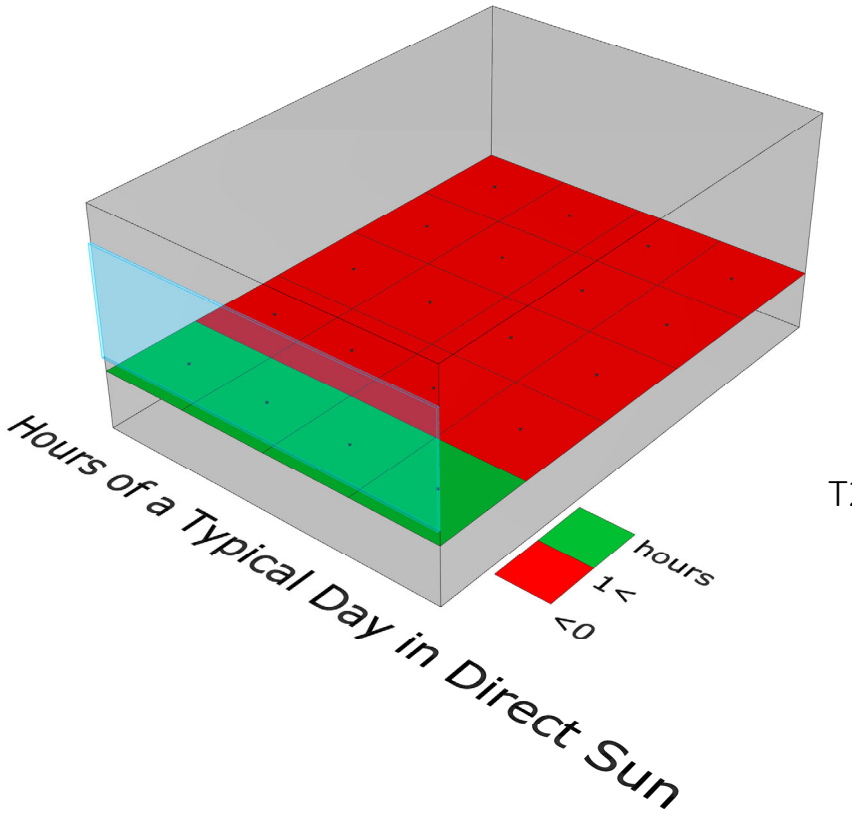


Sunlight hours



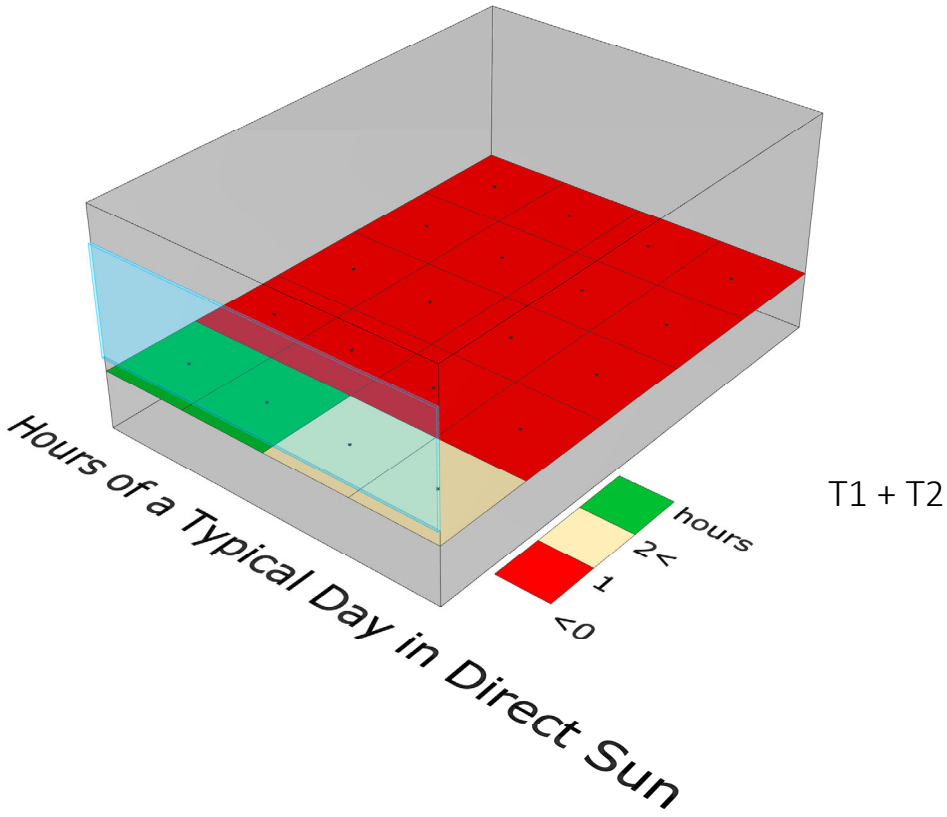
T1 e.g kl 17

Sunlight hours



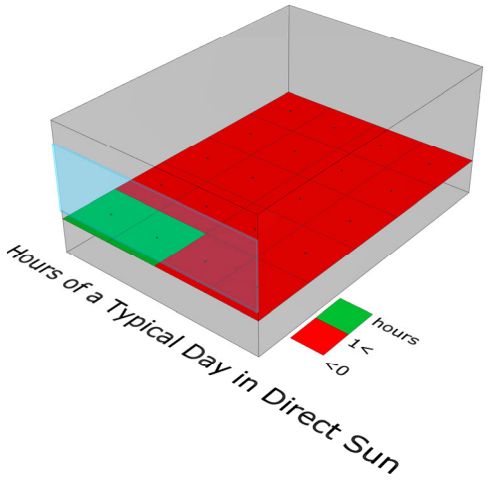
T2 e.g kl 18

Sunlight hours

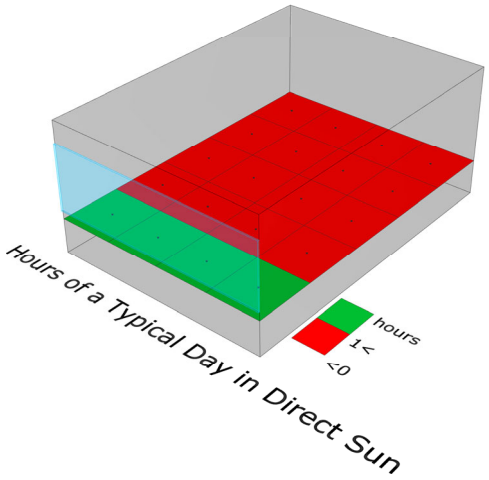


T1 + T2

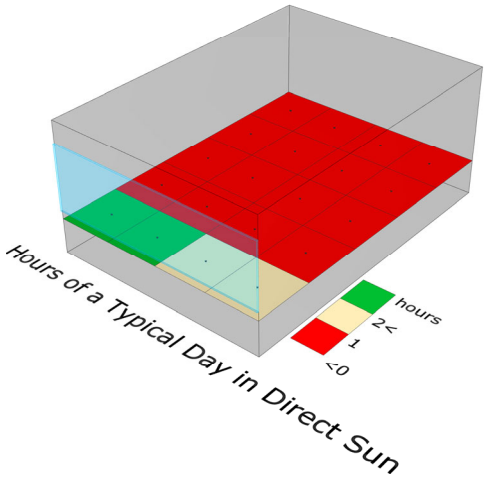
Sunlight hours



T1

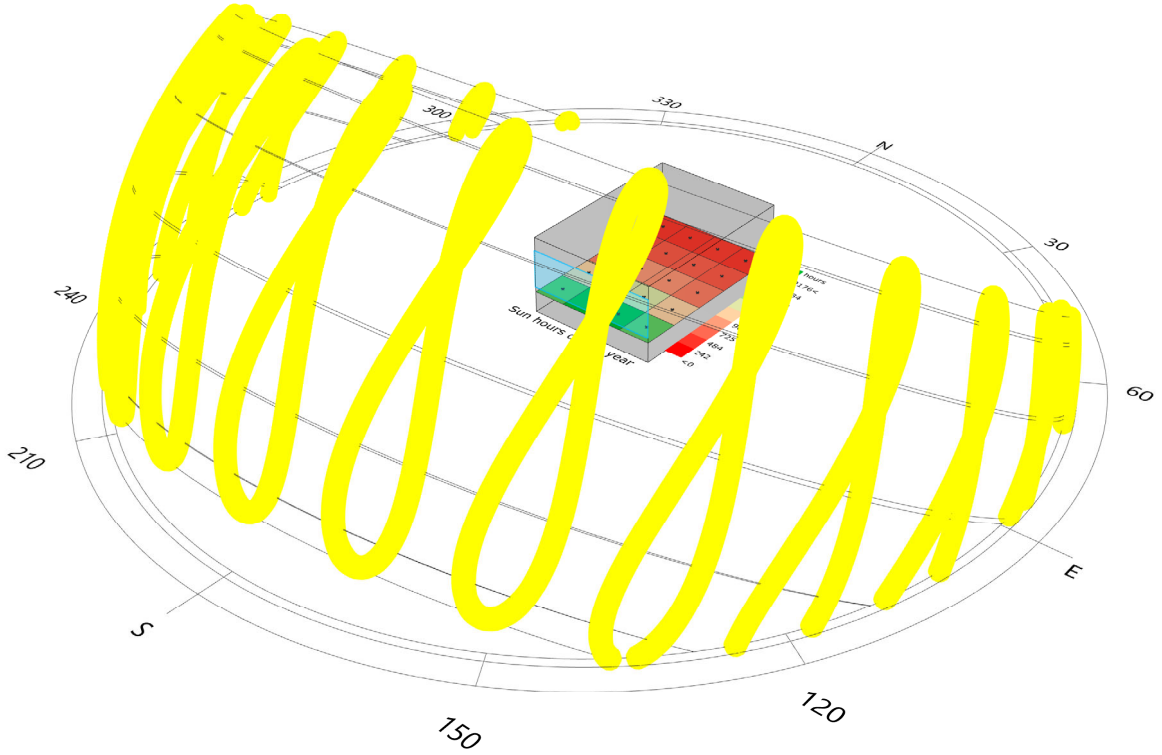


T2

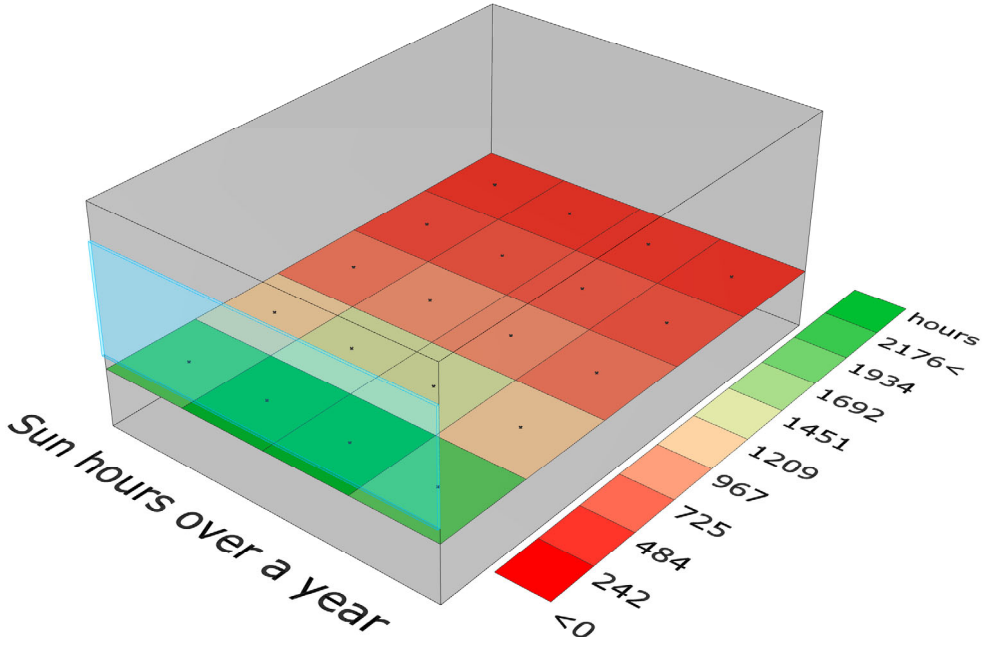


T1 + T2

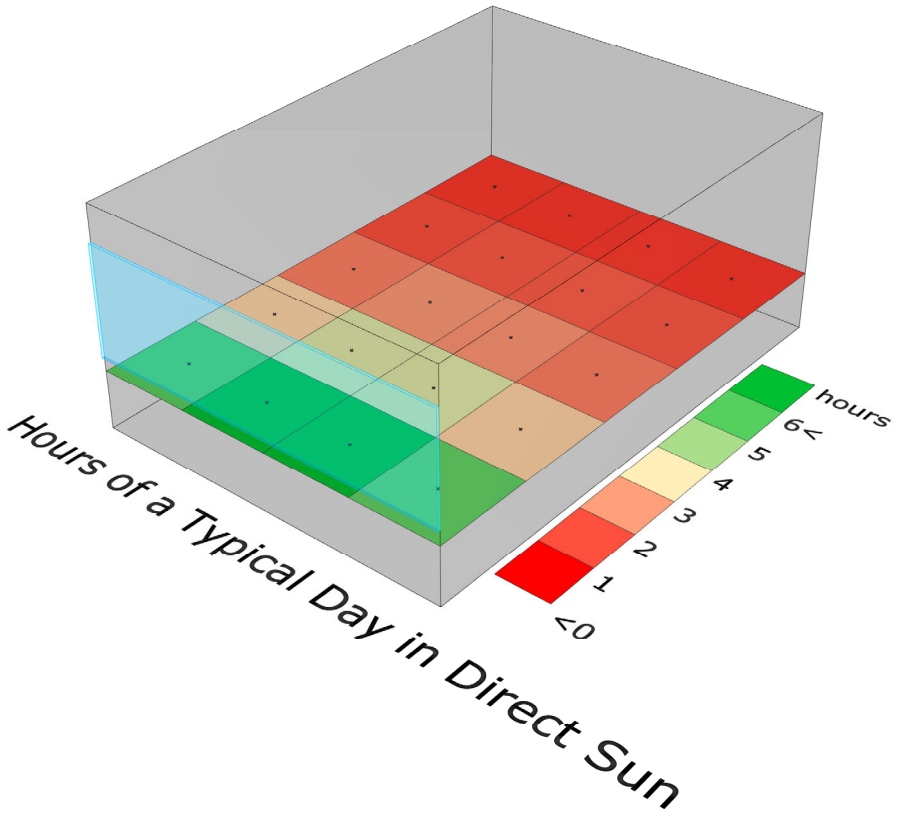
Sunlight hours



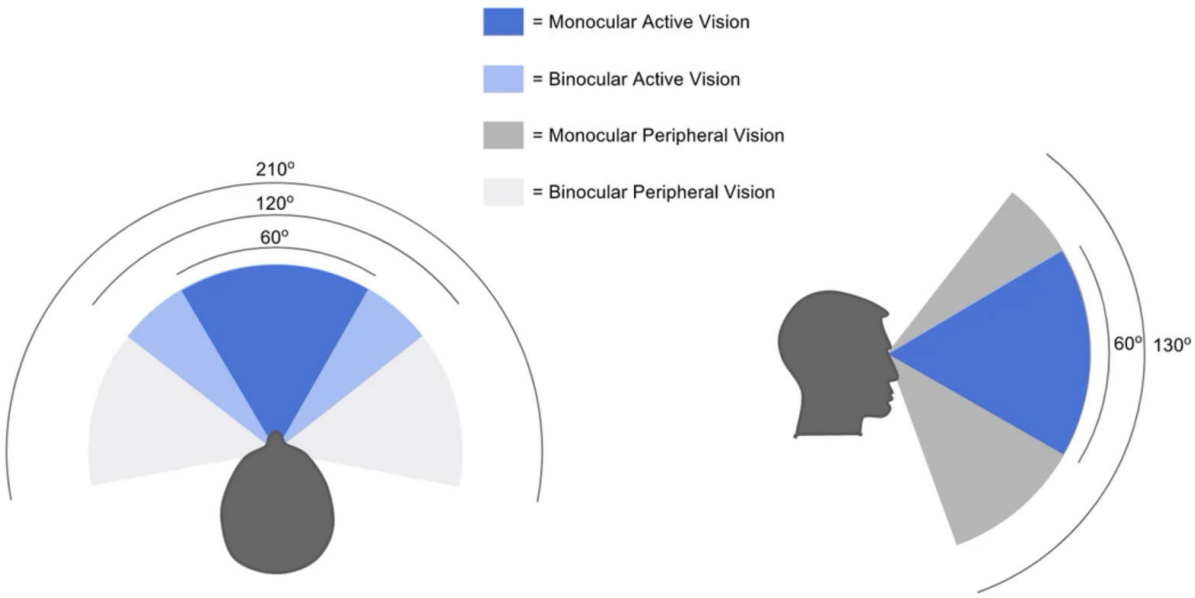
Sunlight hours



Sunlight hours

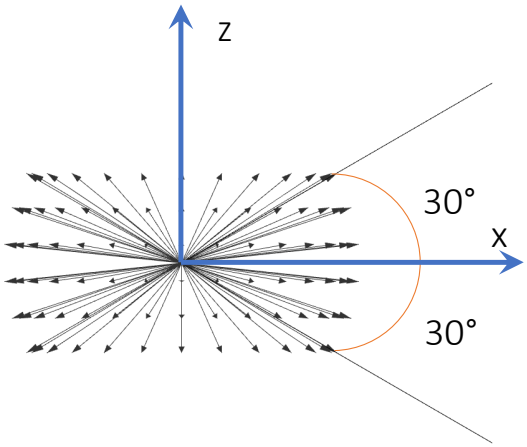


Field of view

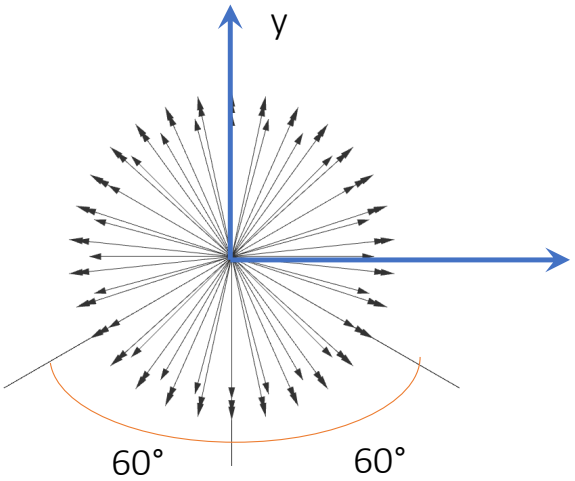


From Ladybug tools
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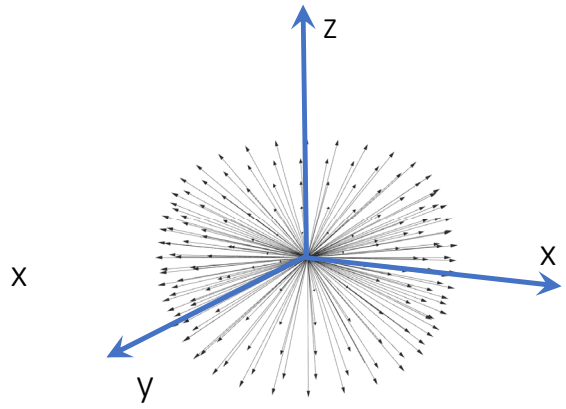
Side view

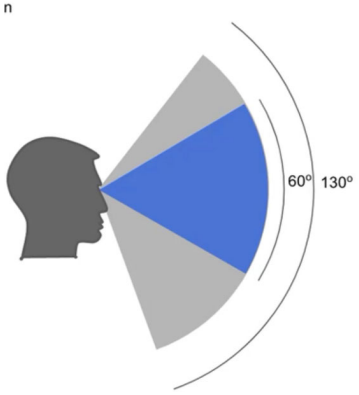


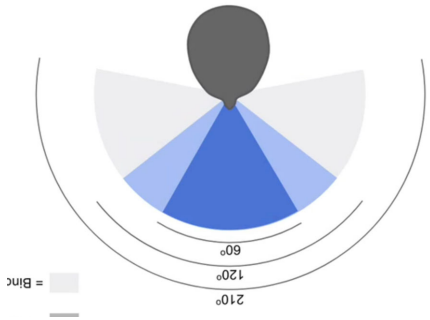
Top view



Perspective view

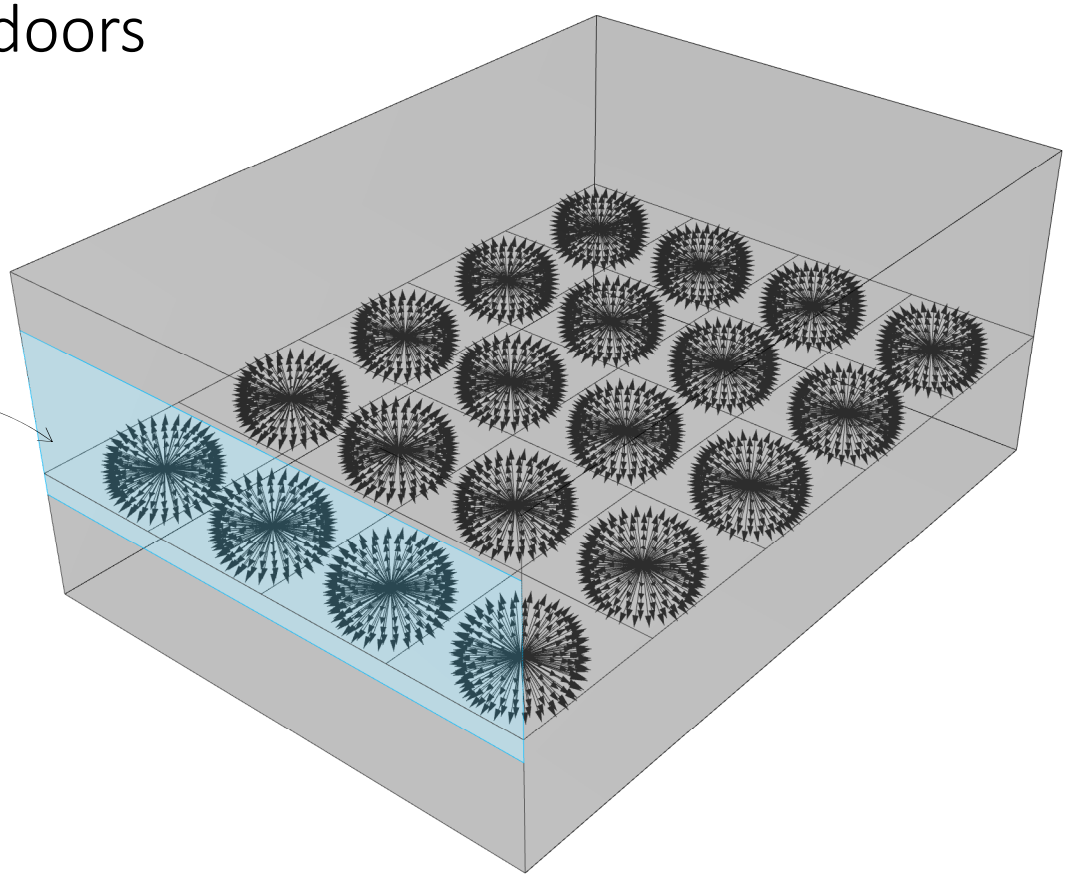






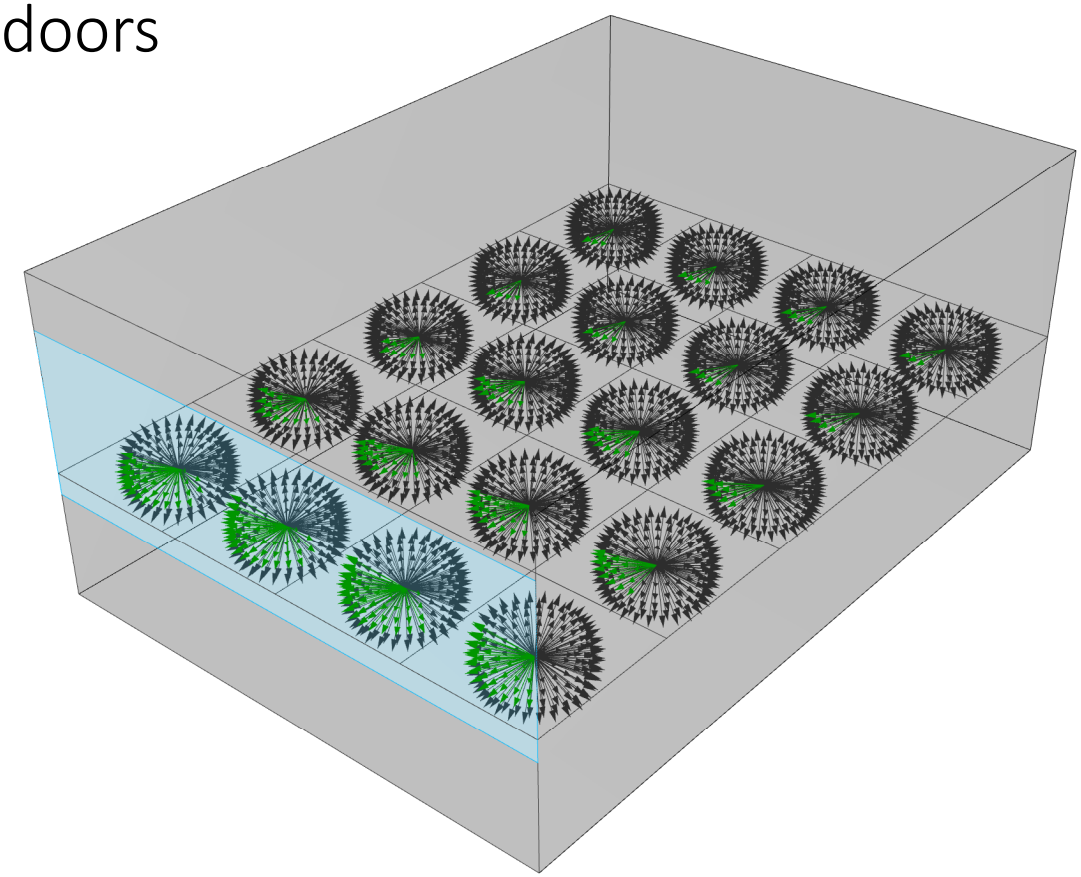
View to outdoors

Window/opening

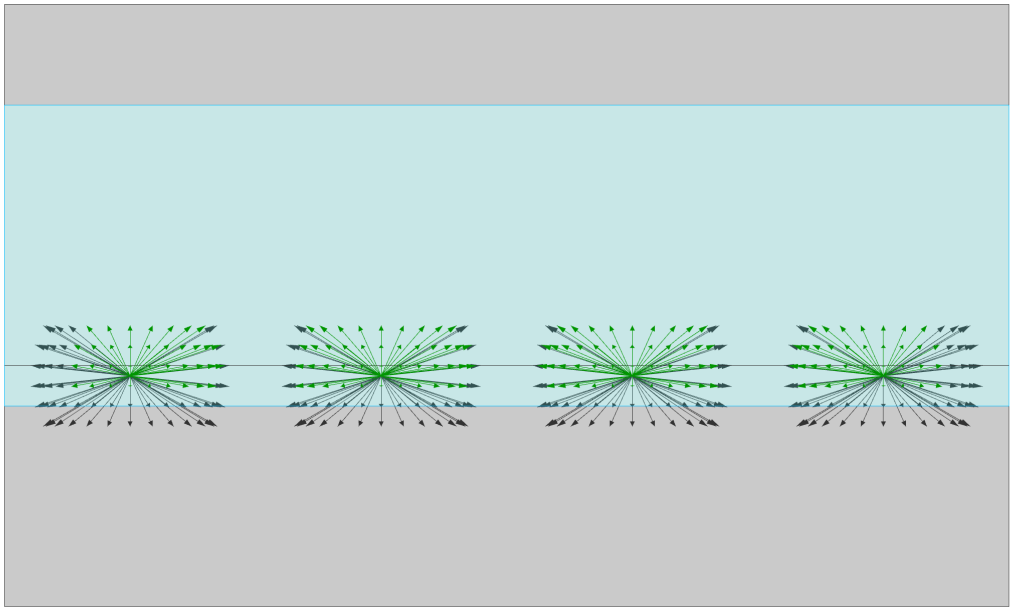


20 measure points

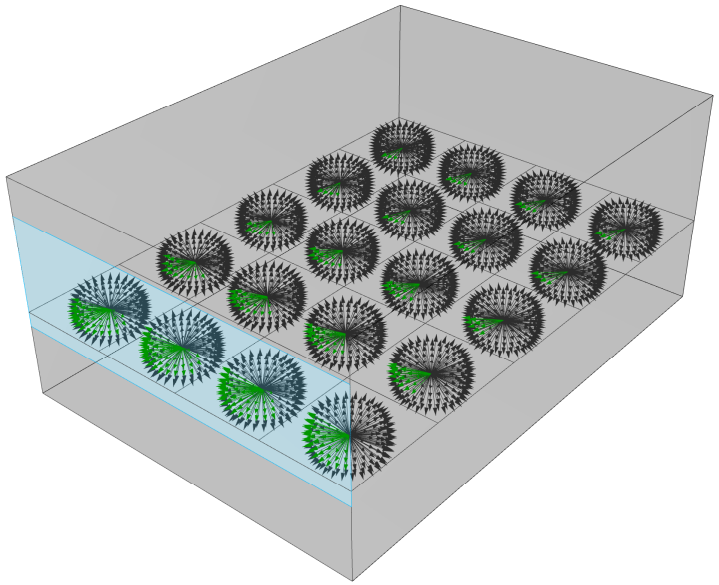
View to outdoors



View to outdoors

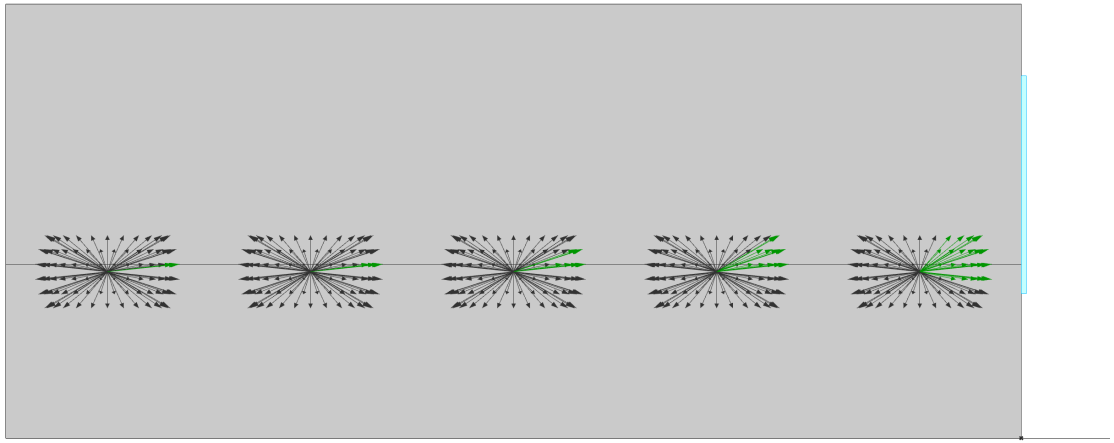


Front view

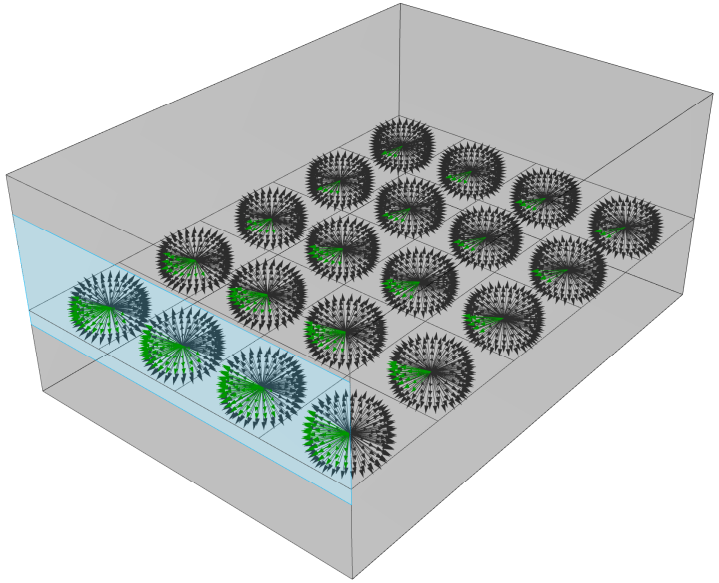


x

View to outdoors

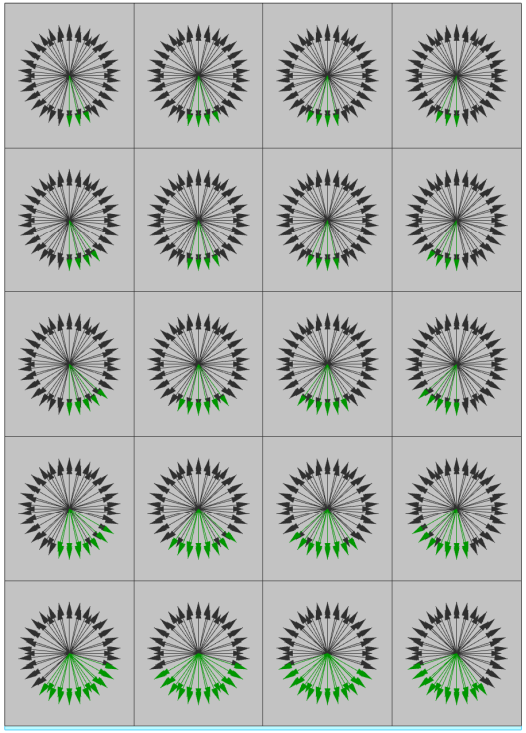


Side view

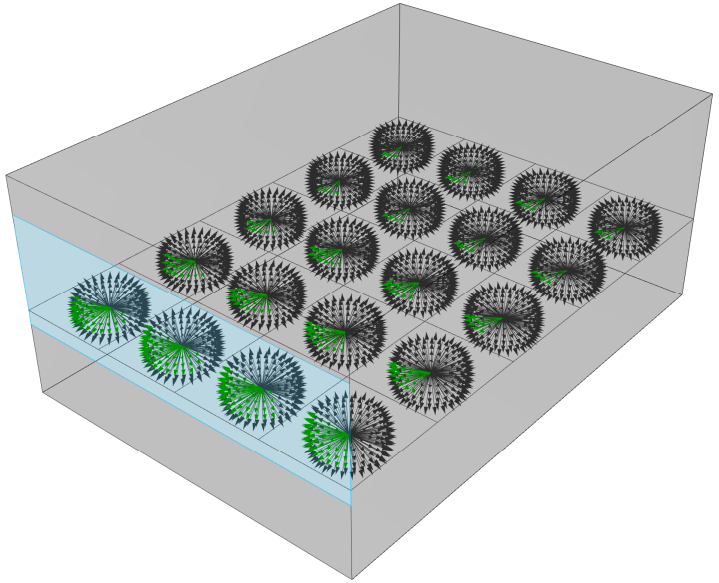


Perspective view

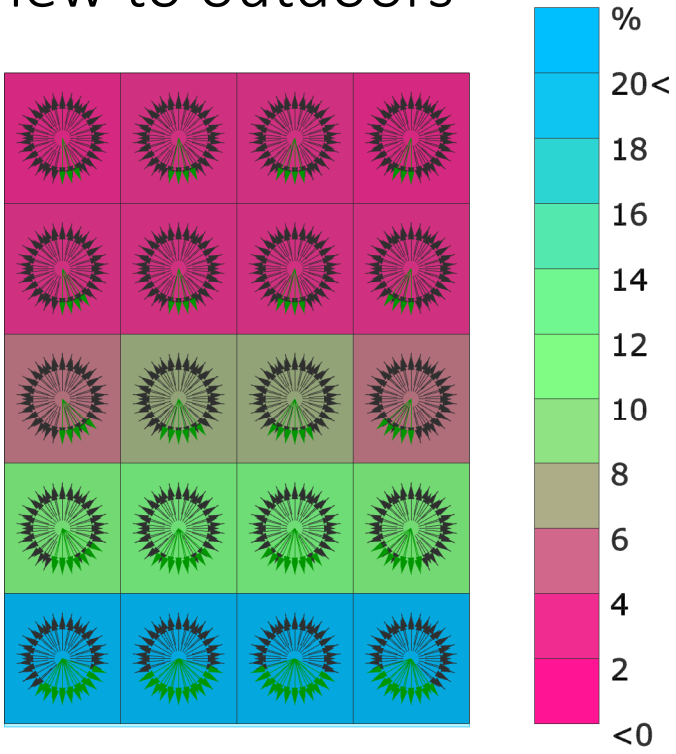
View to outdoors



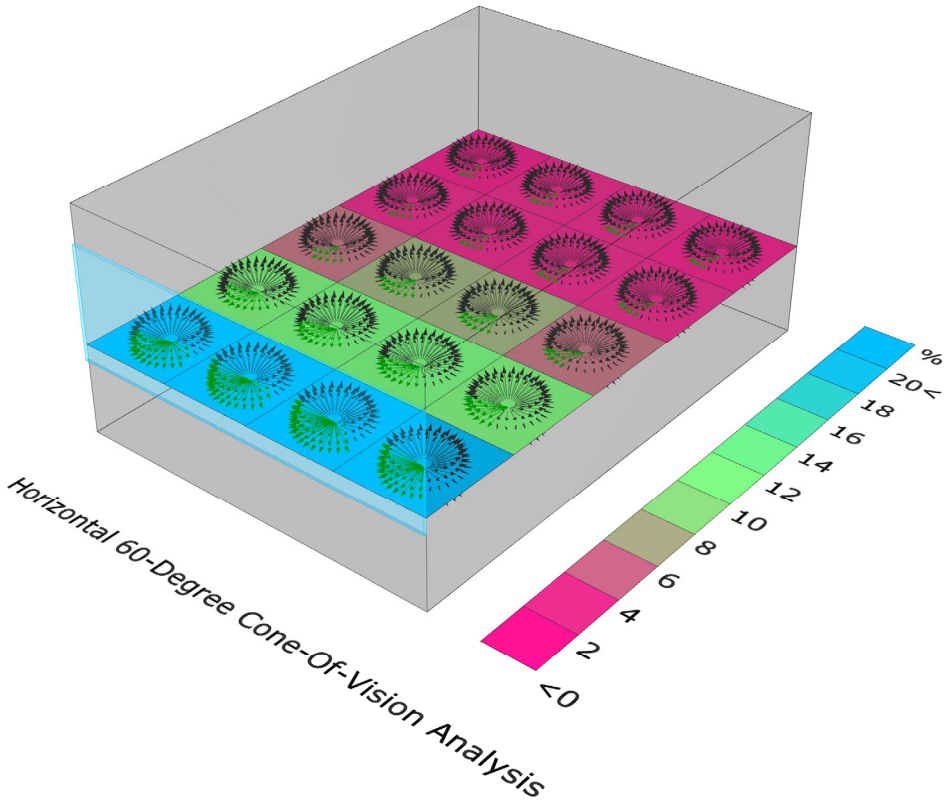
Top view



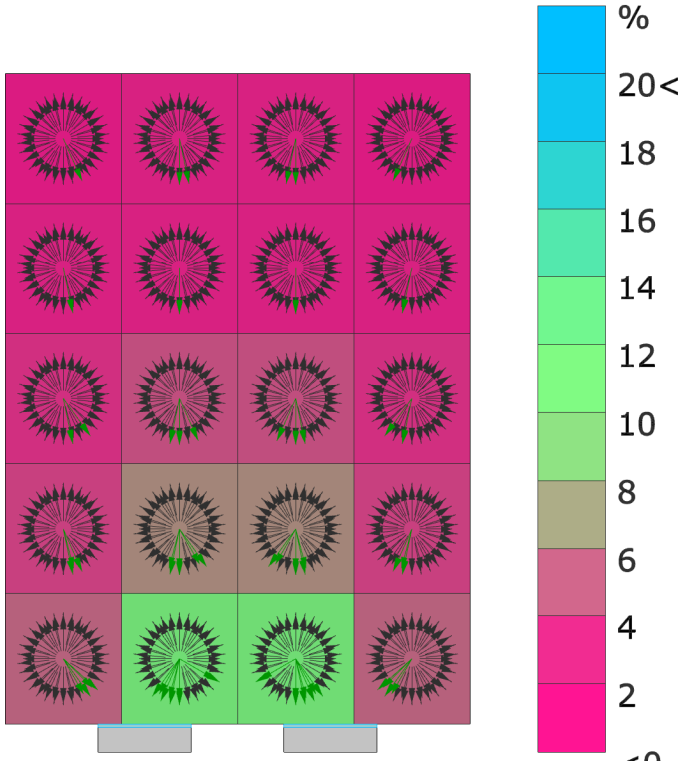
View to outdoors

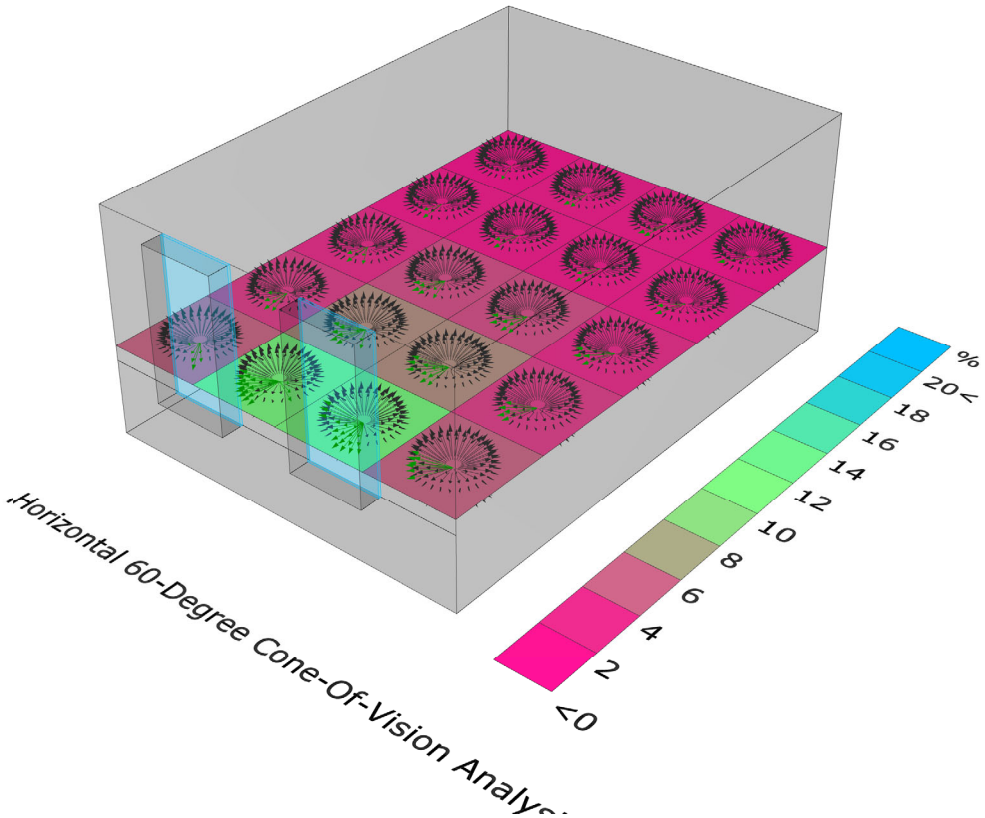


Horizontal 60-Degree Cone-Of-Vision Analysis



View to outdoors





Horizontal 60-Degree Cone-Of-Vision Analysis