



Fig. 1: Top Plan

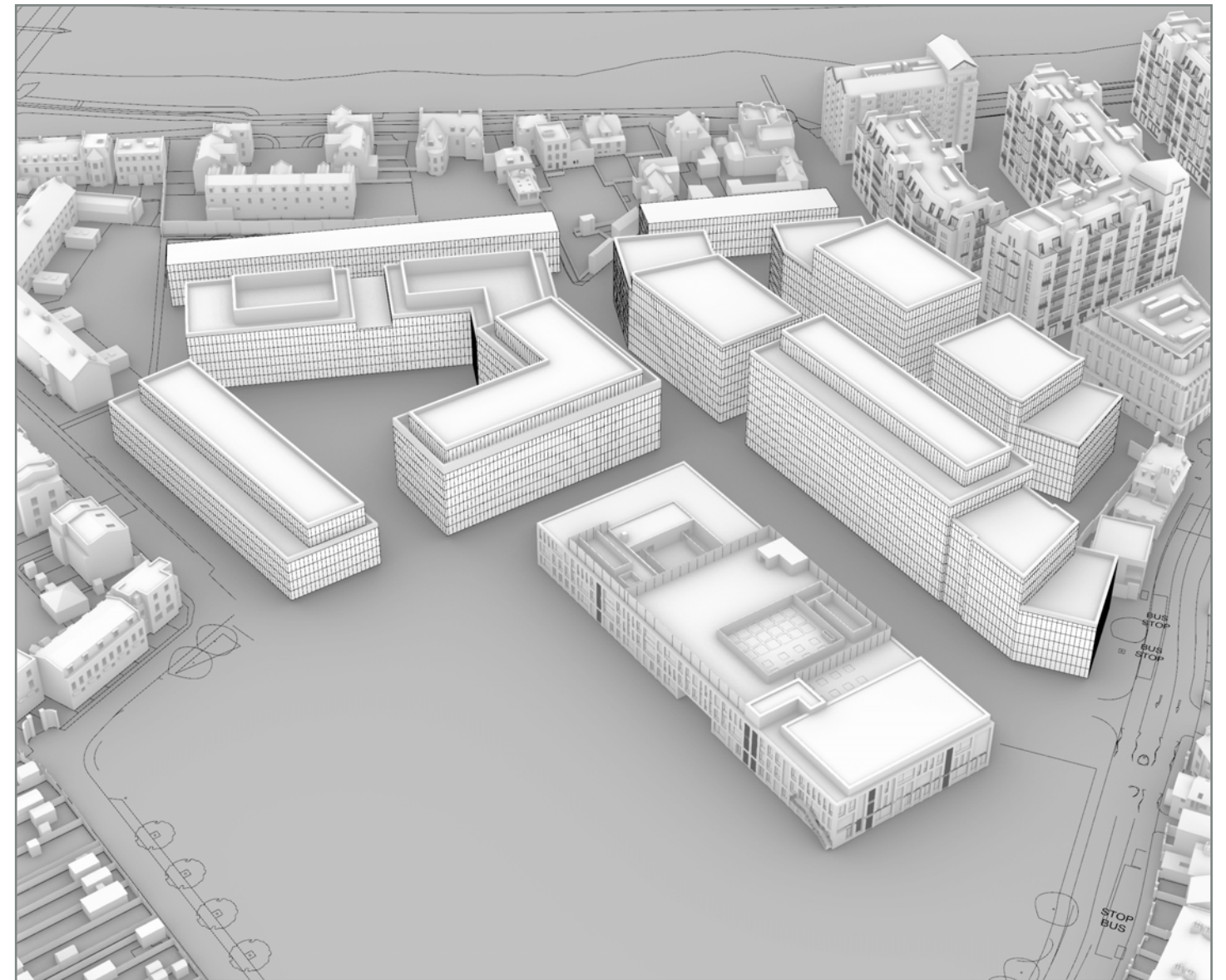


Fig. 2: Bird's Eye View

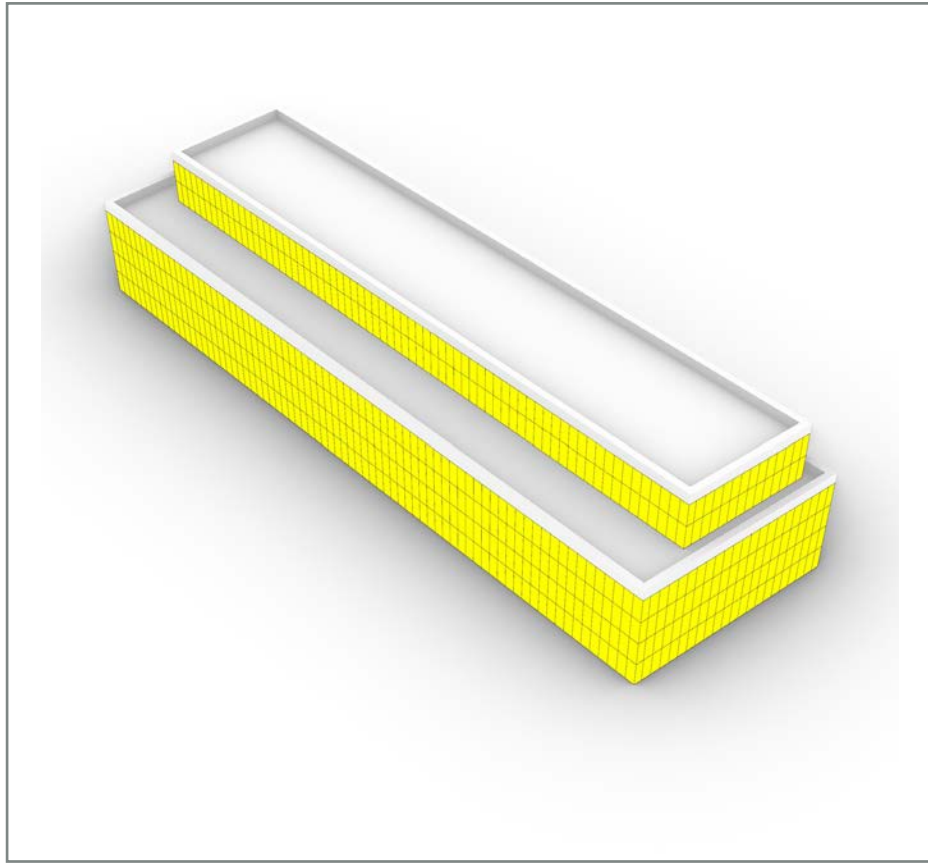


Fig. 1: Vertical Sky Component (VSC)

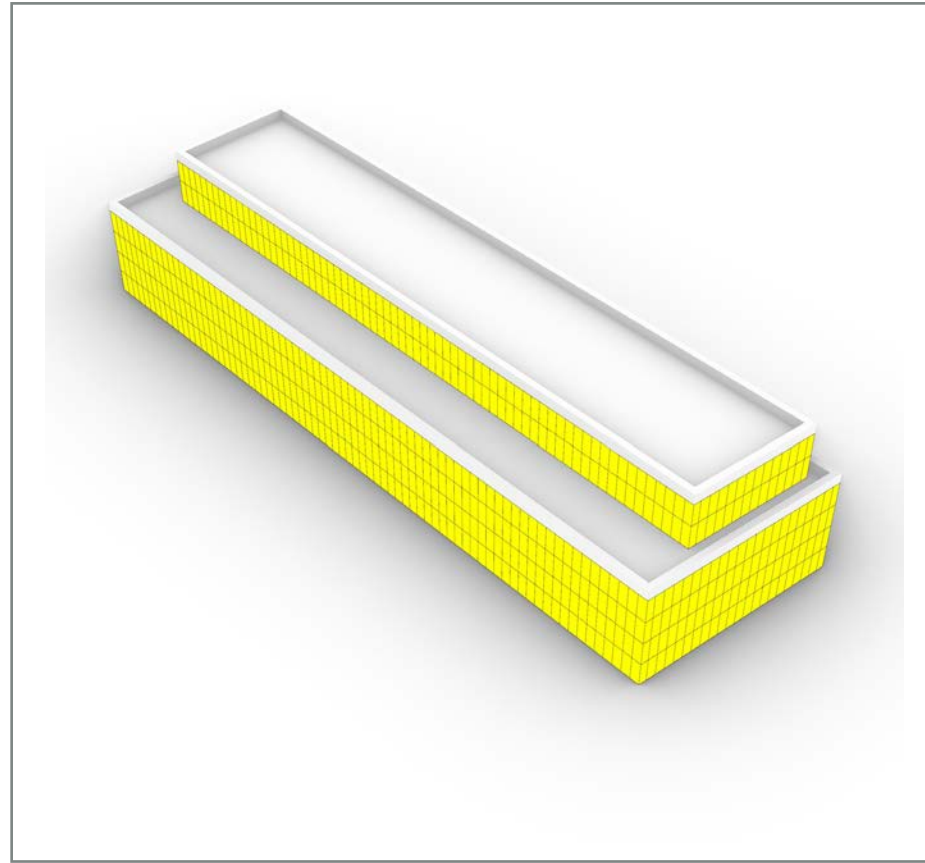
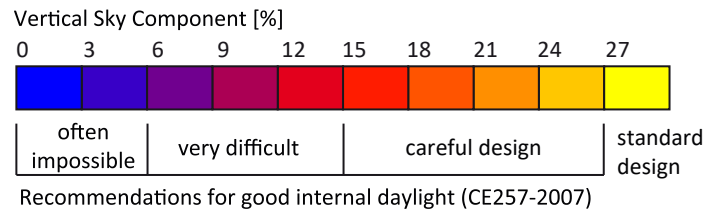


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

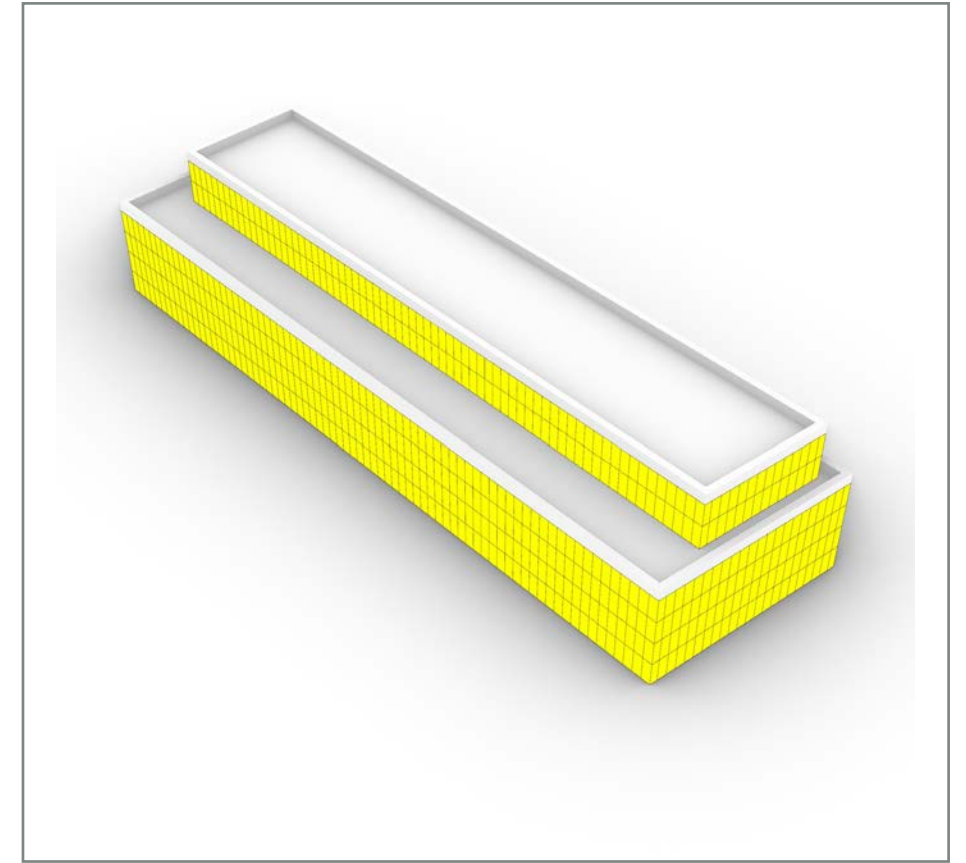
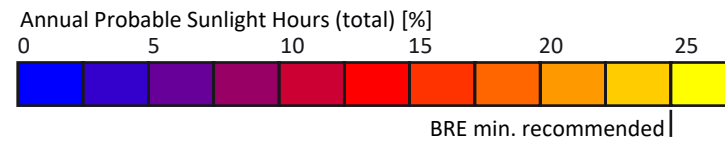
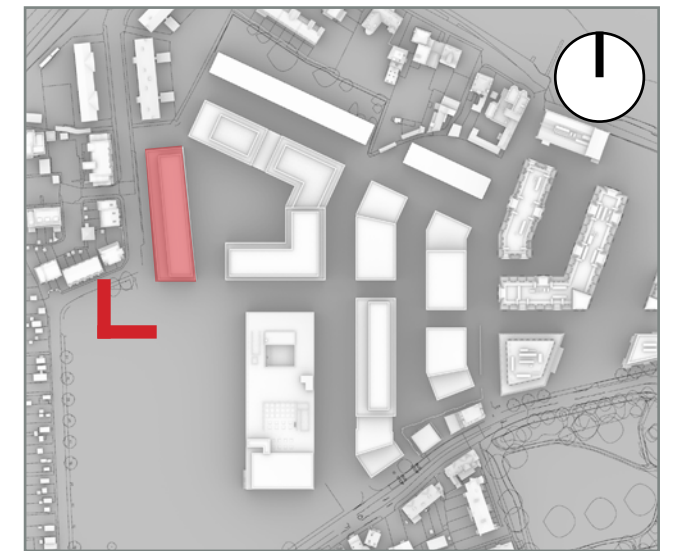
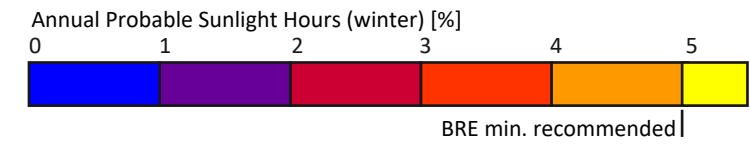


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

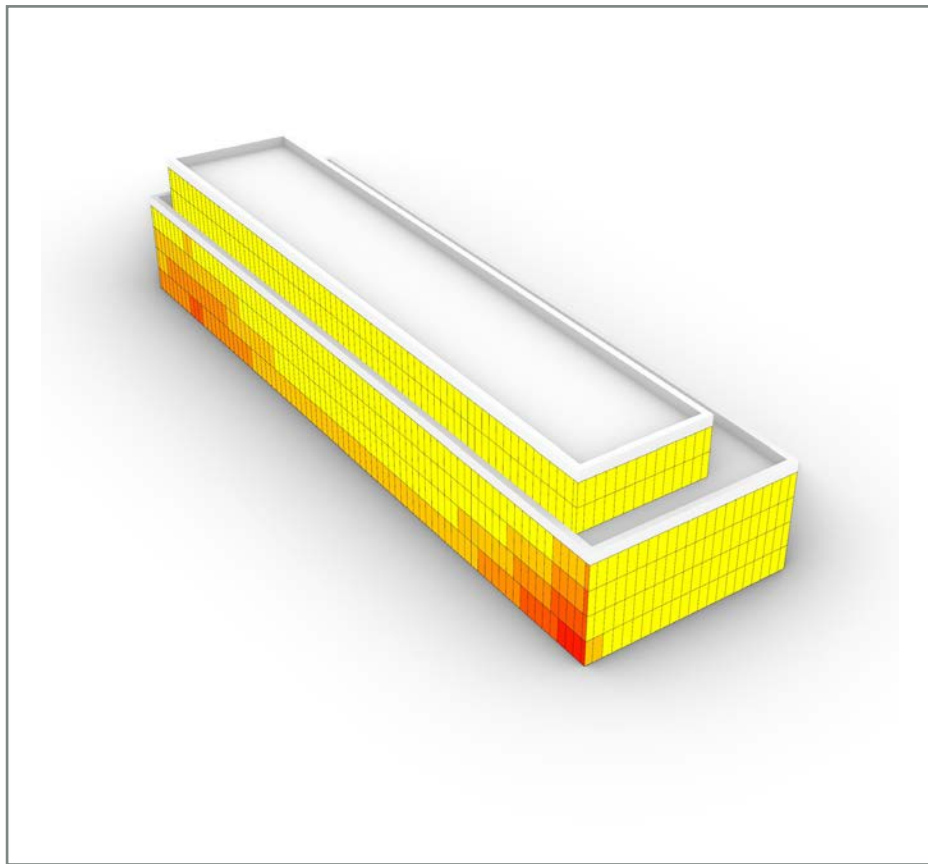


Fig. 1: Vertical Sky Component (VSC)

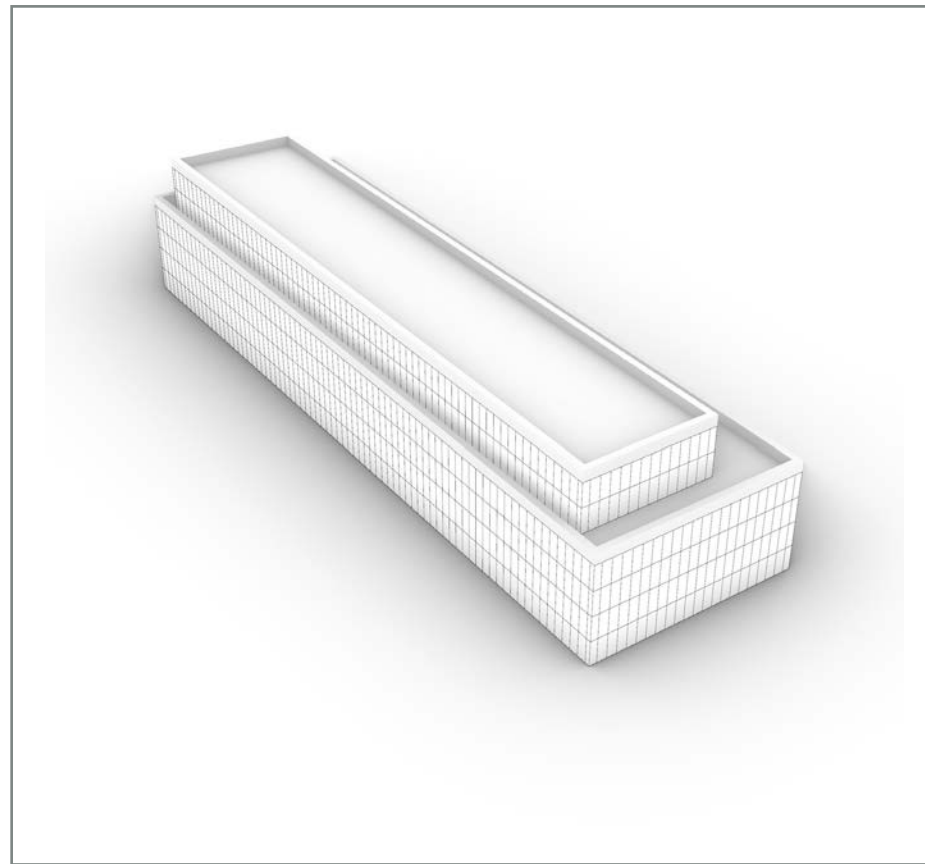
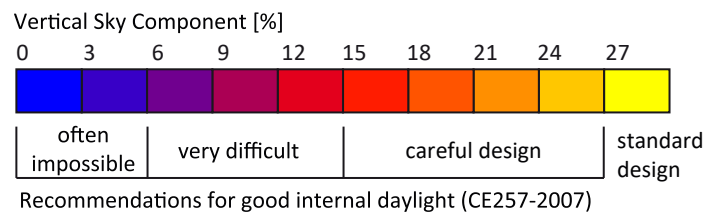


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

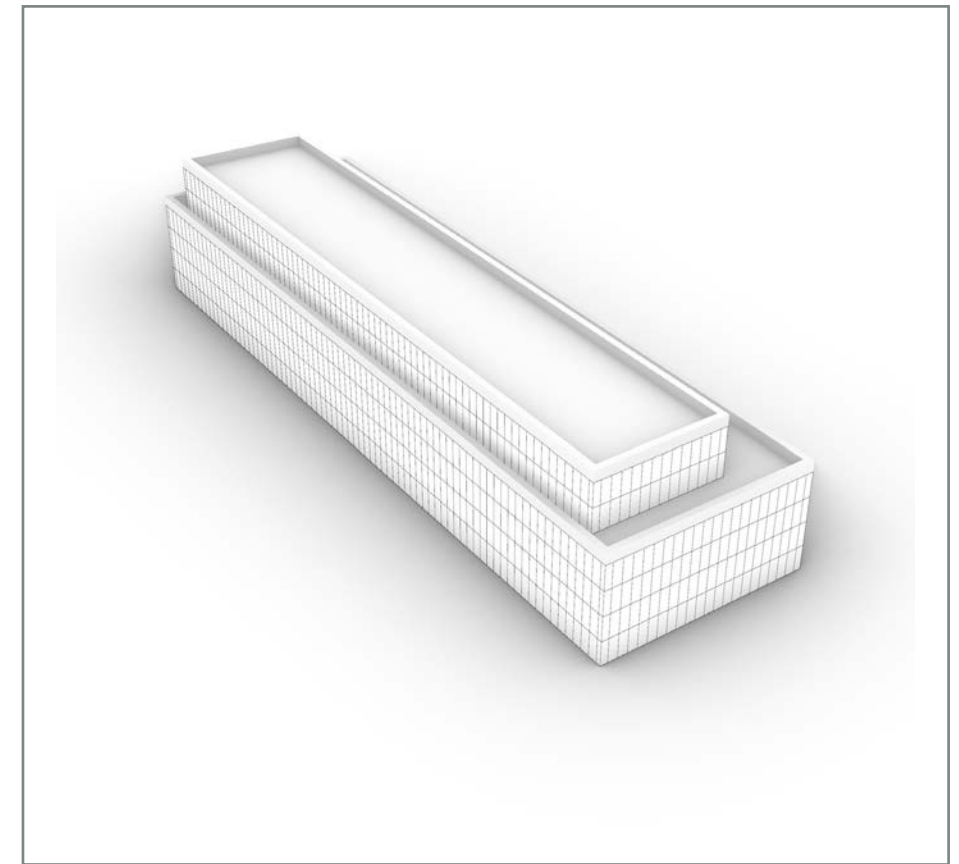
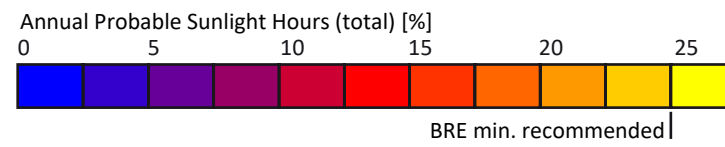
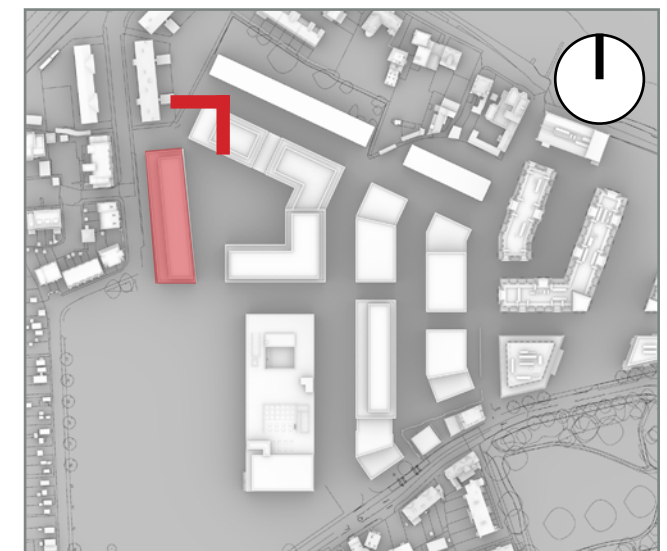
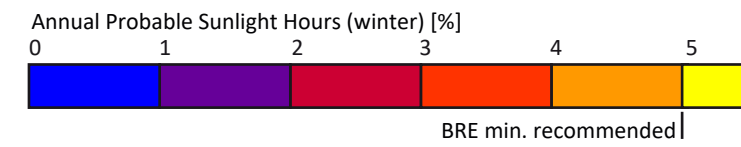


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

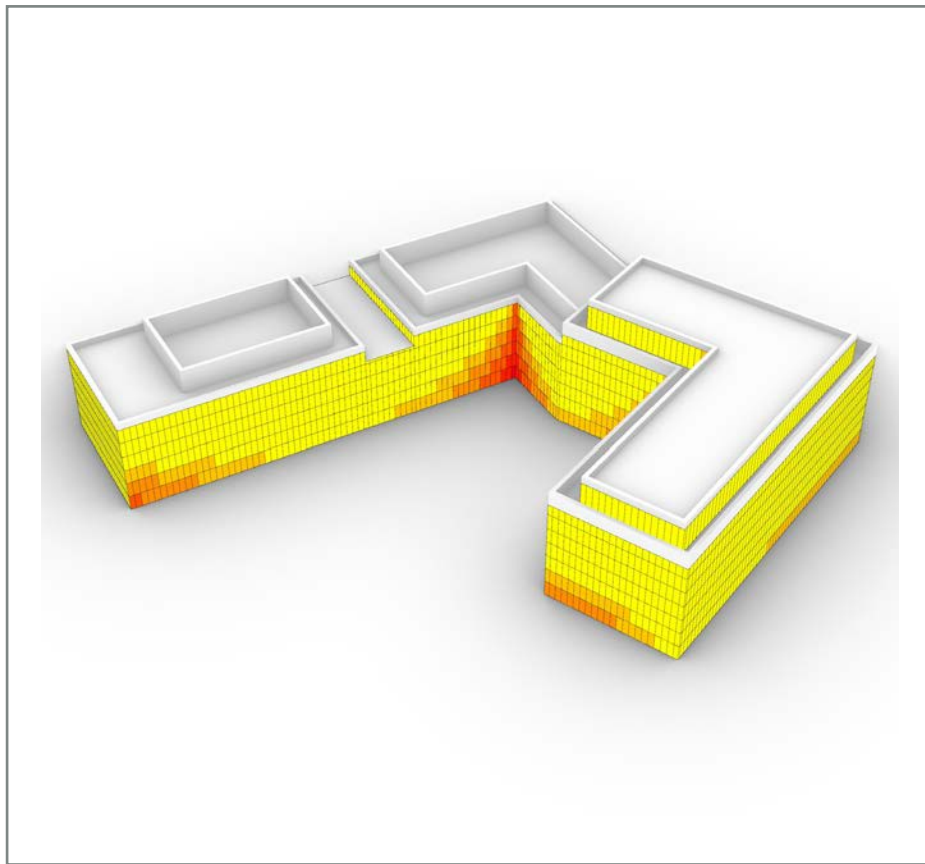


Fig. 1: Vertical Sky Component (VSC)

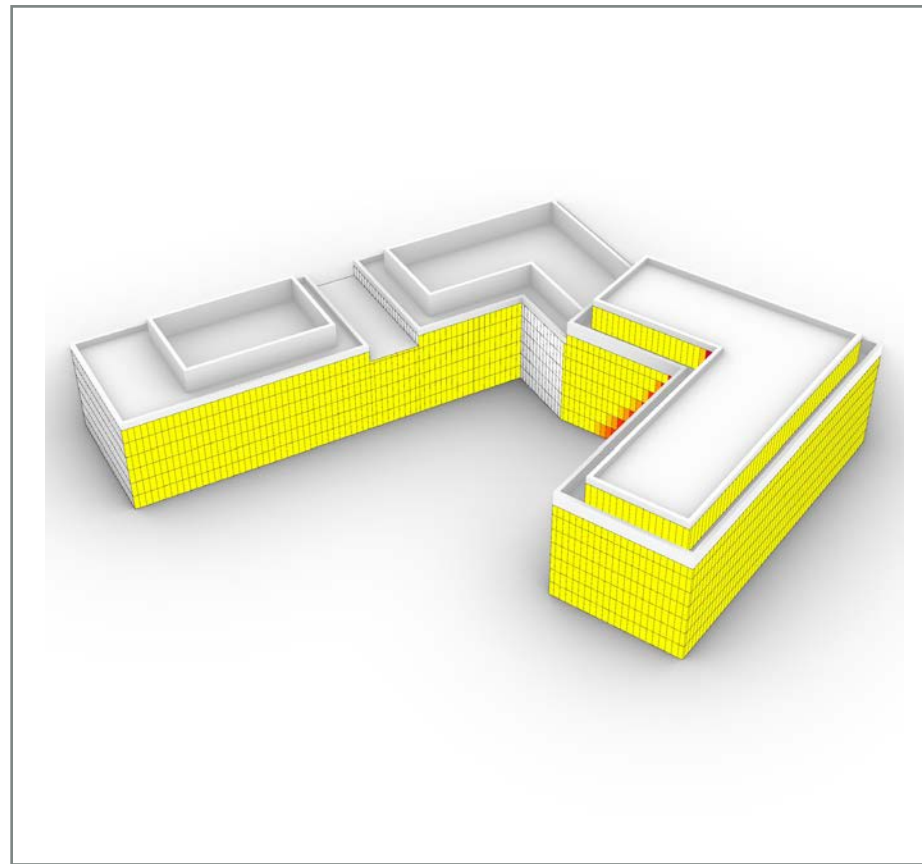
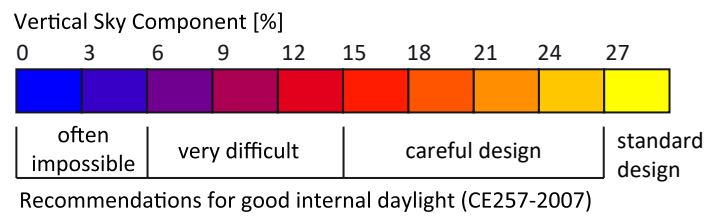


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

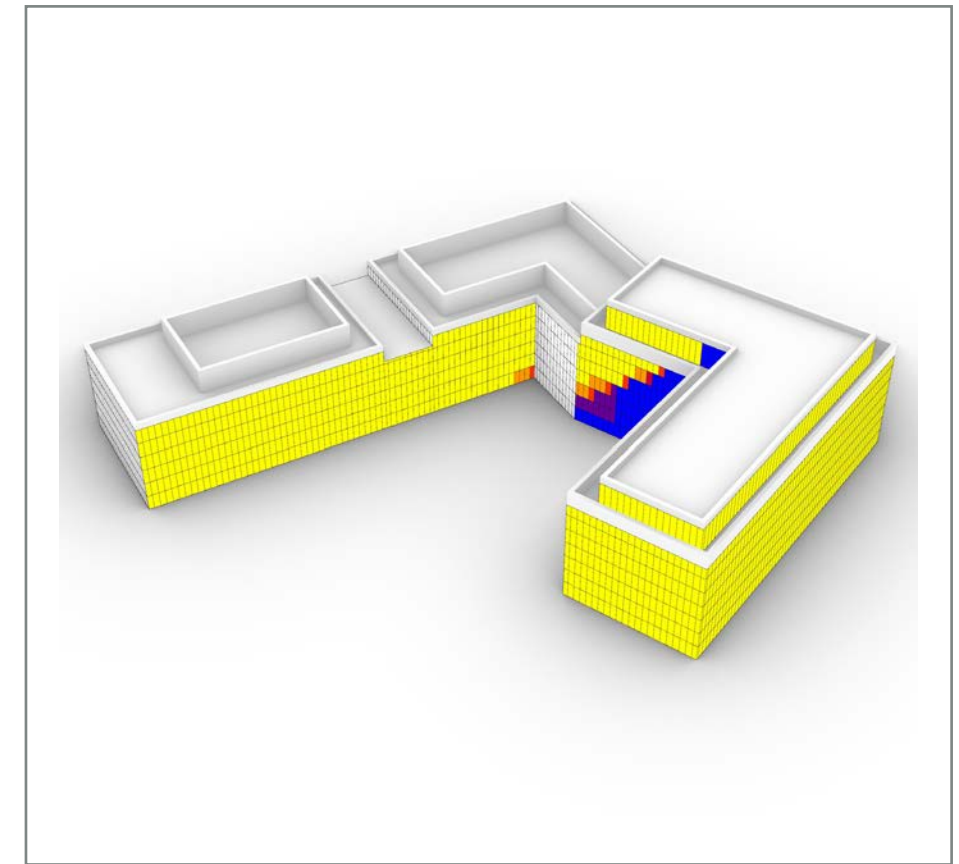
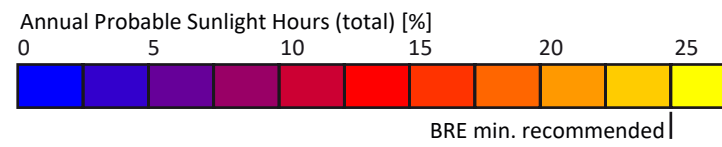
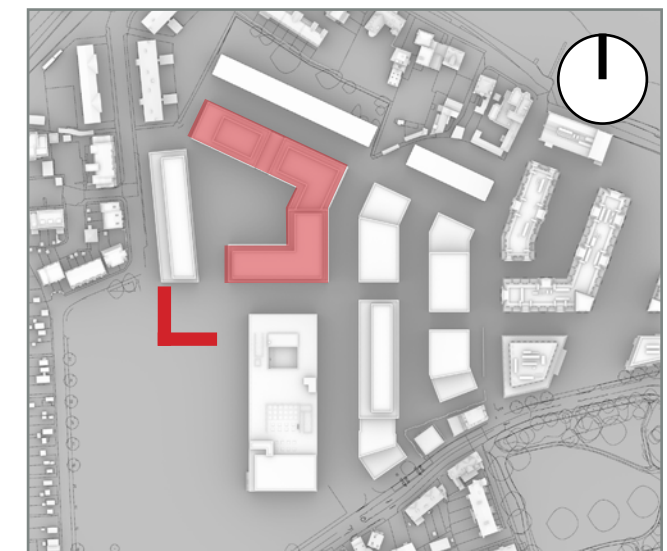
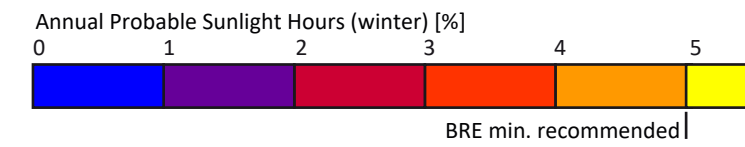


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

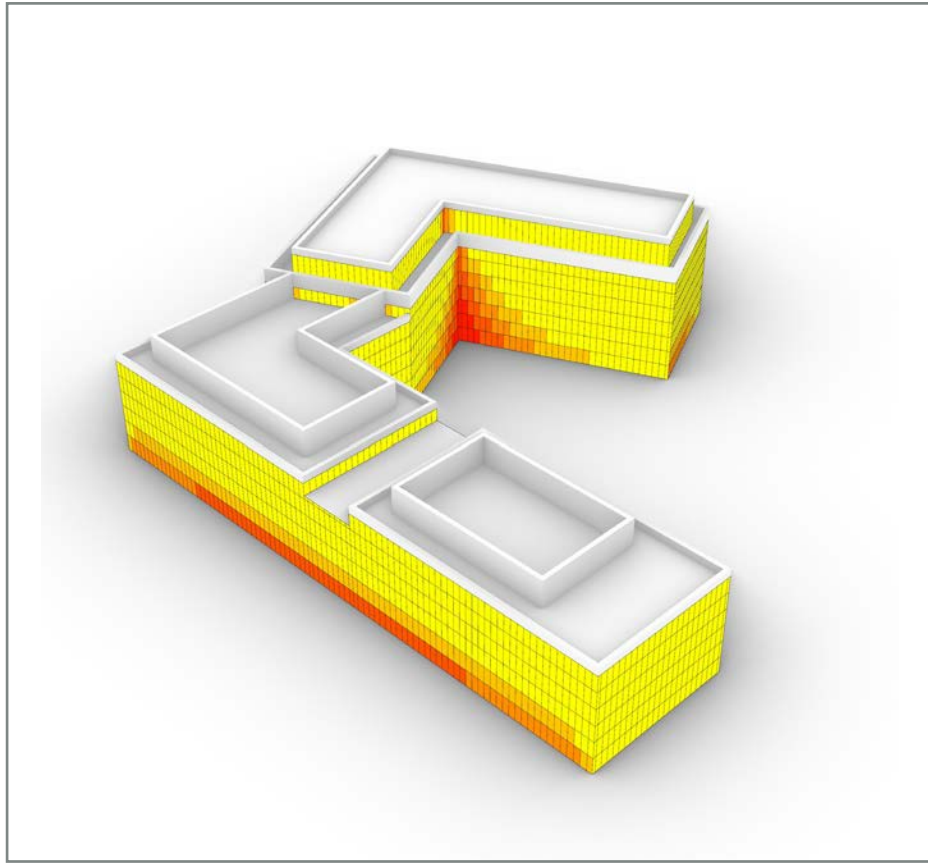


Fig. 1: Vertical Sky Component (VSC)

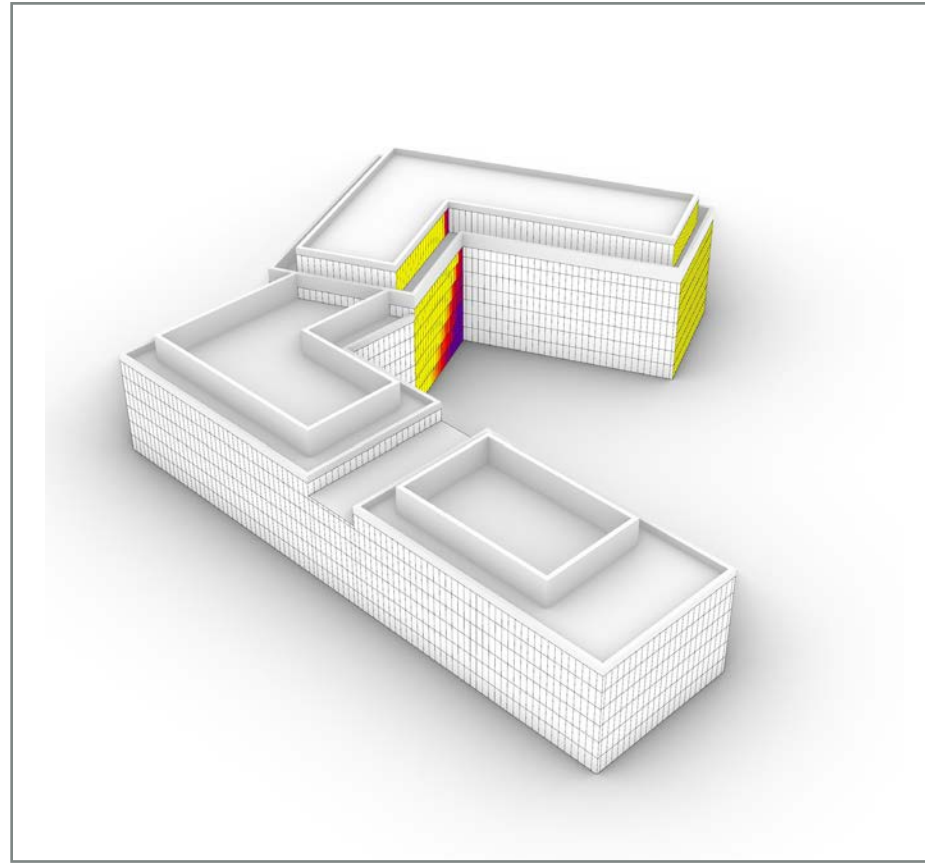
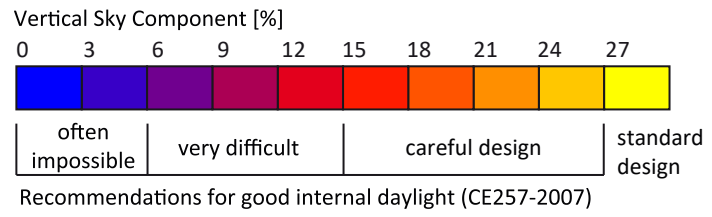


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

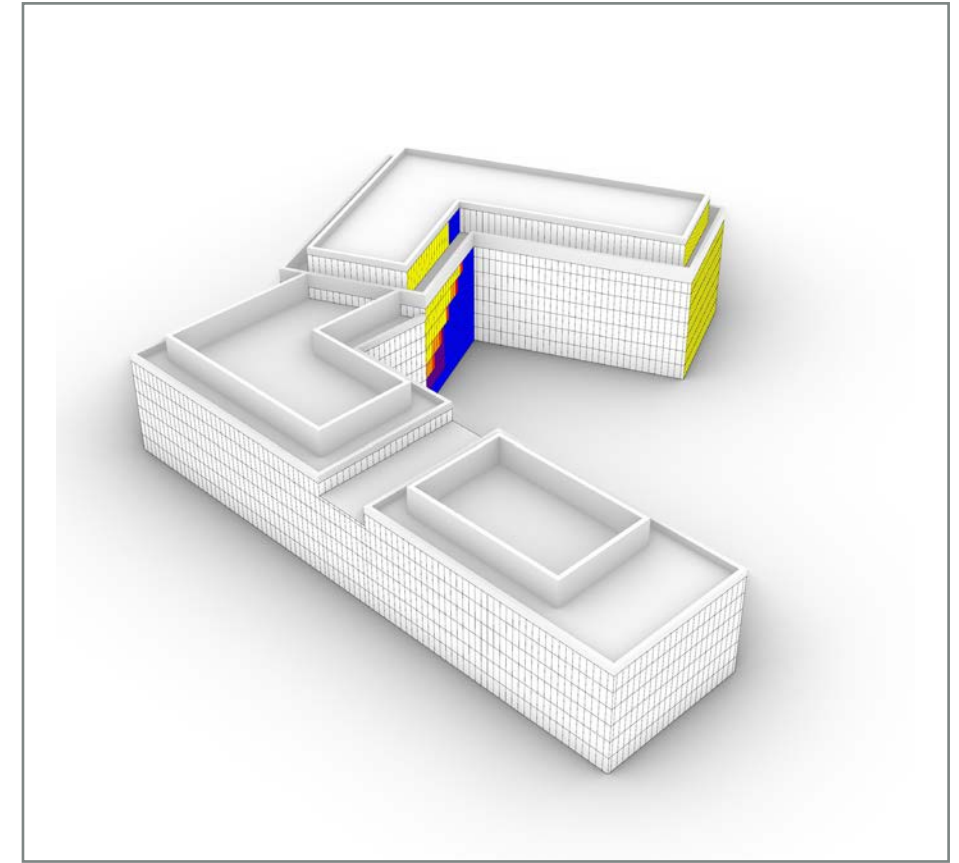
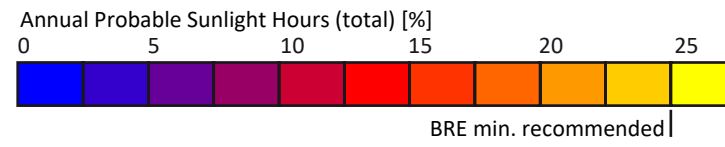
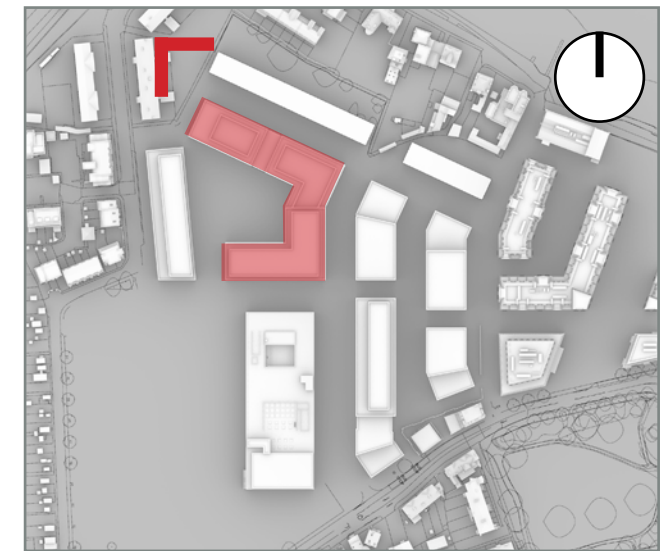
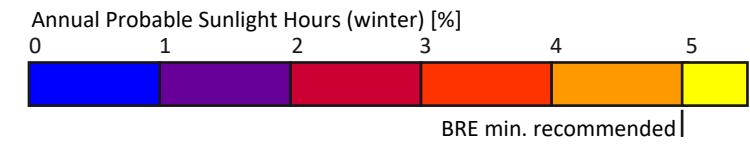


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

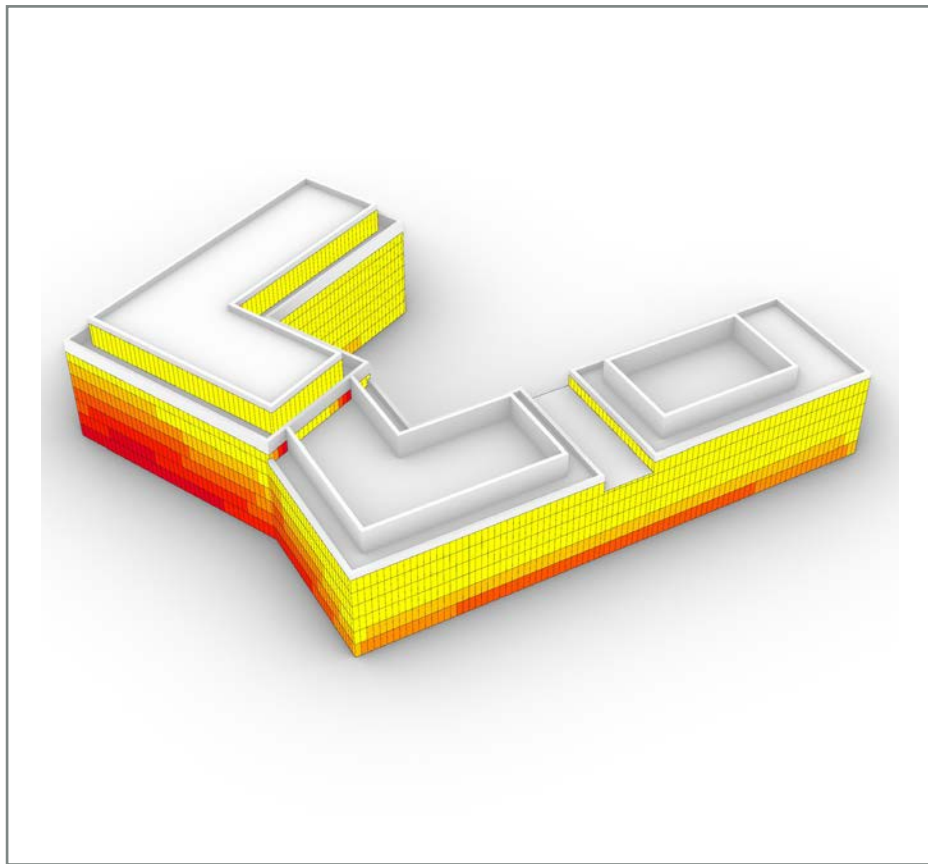


Fig. 1: Vertical Sky Component (VSC)

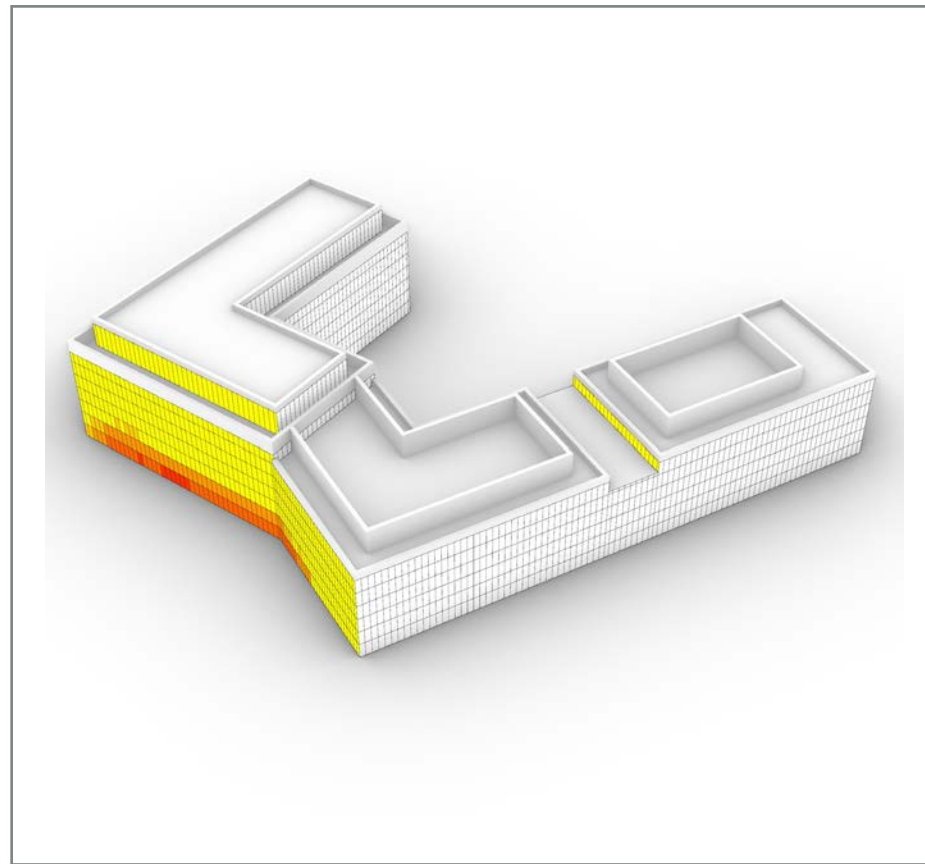
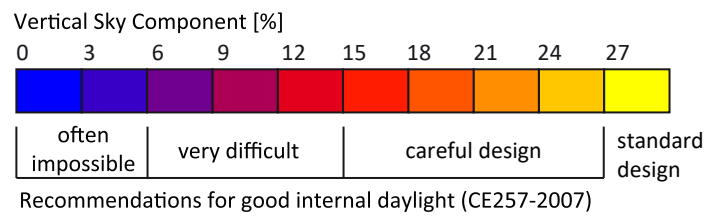


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

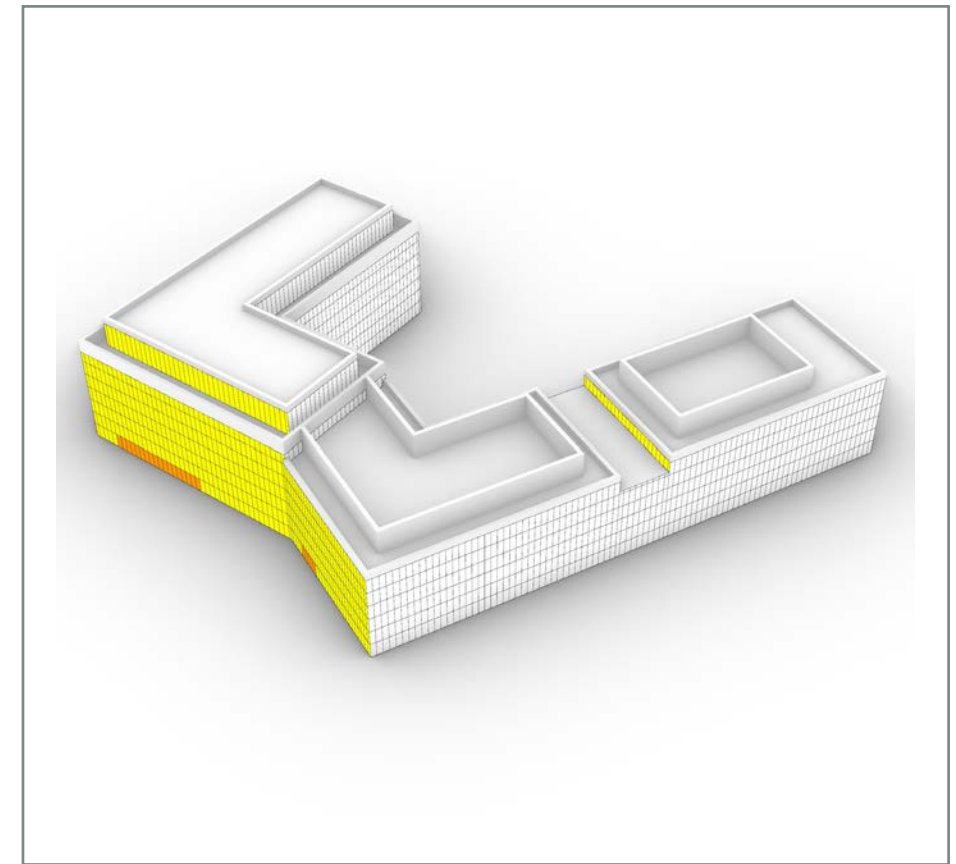
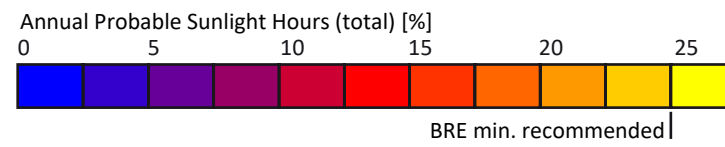
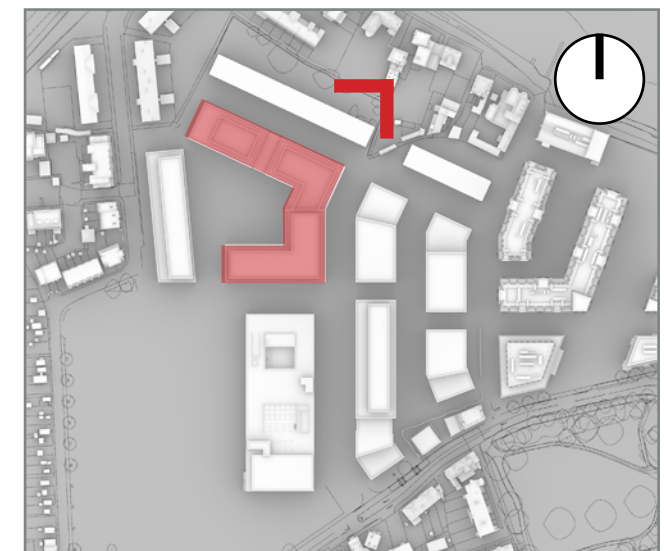
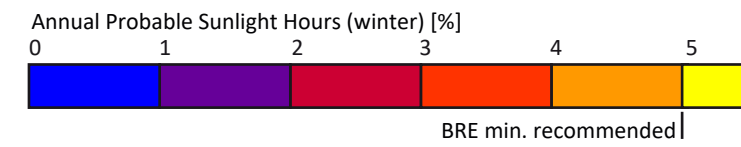


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

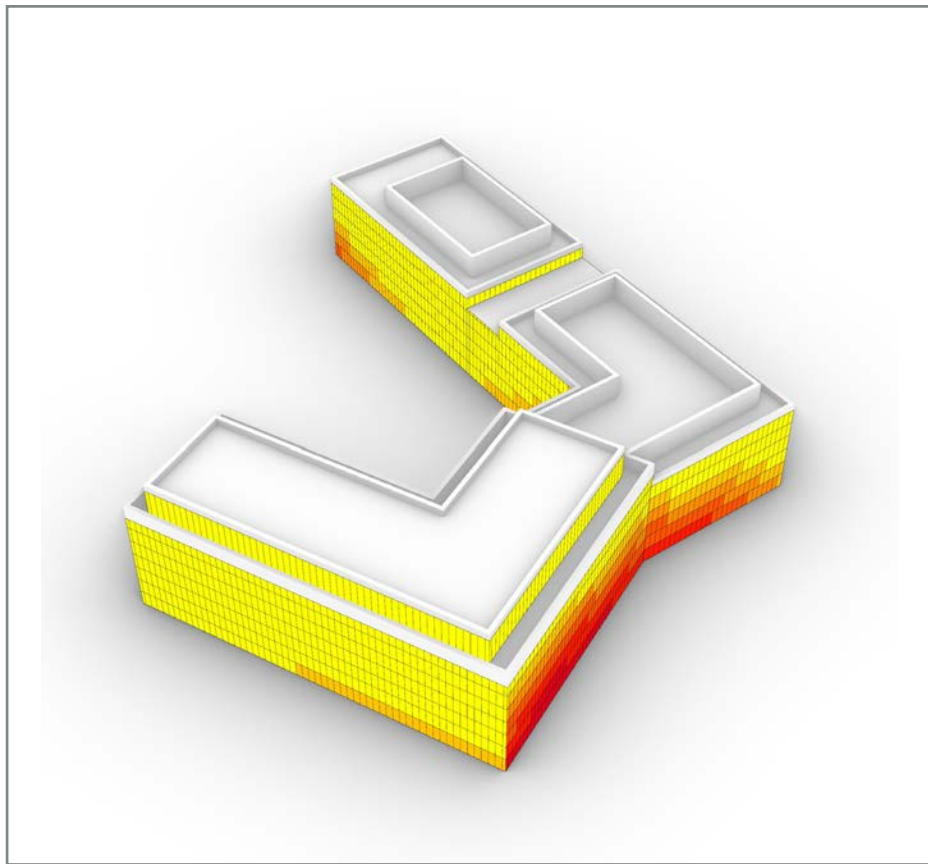


Fig. 1: Vertical Sky Component (VSC)

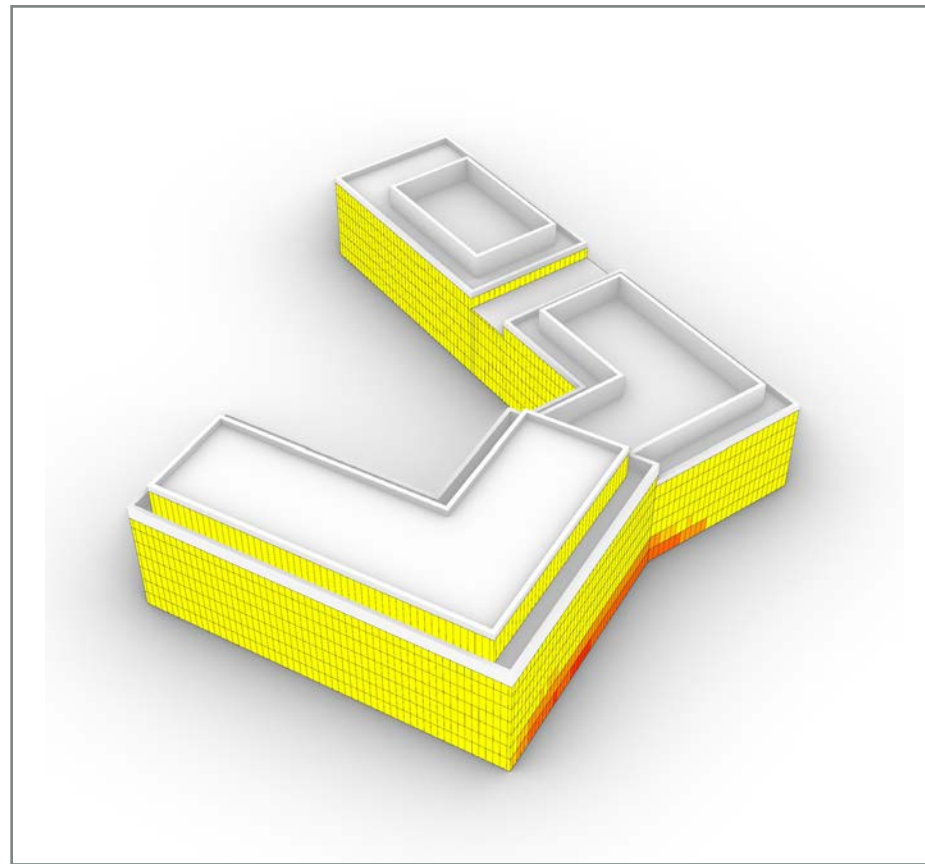
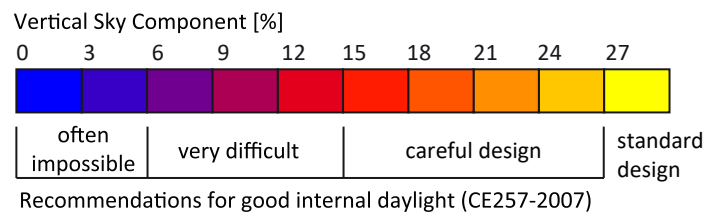


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

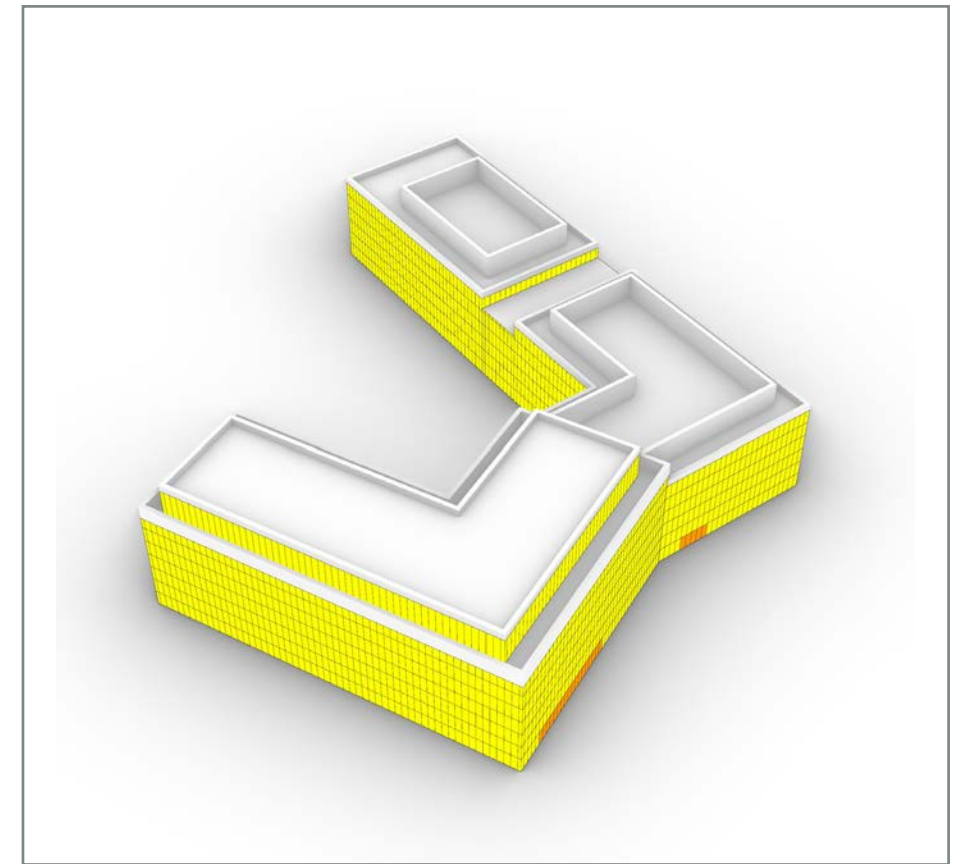
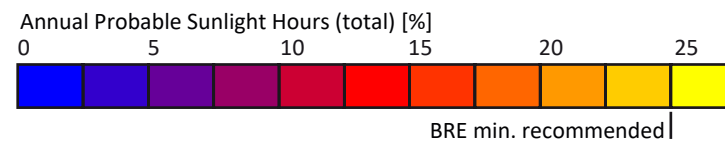
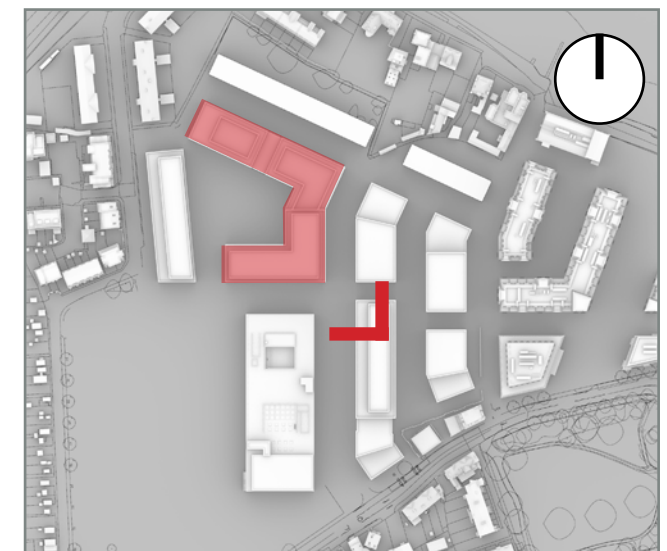
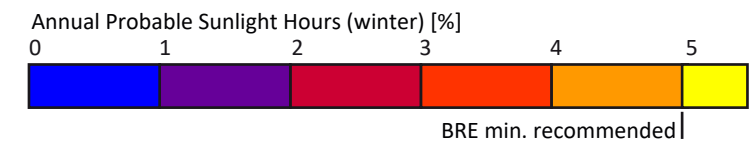


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

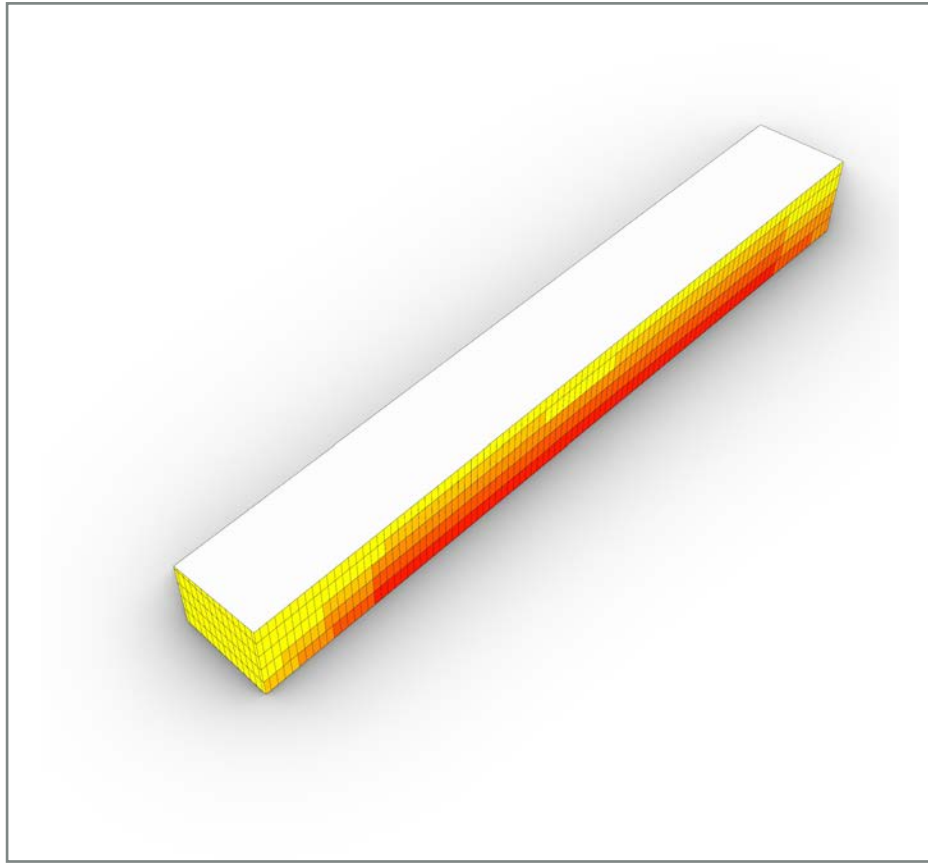


Fig. 1: Vertical Sky Component (VSC)

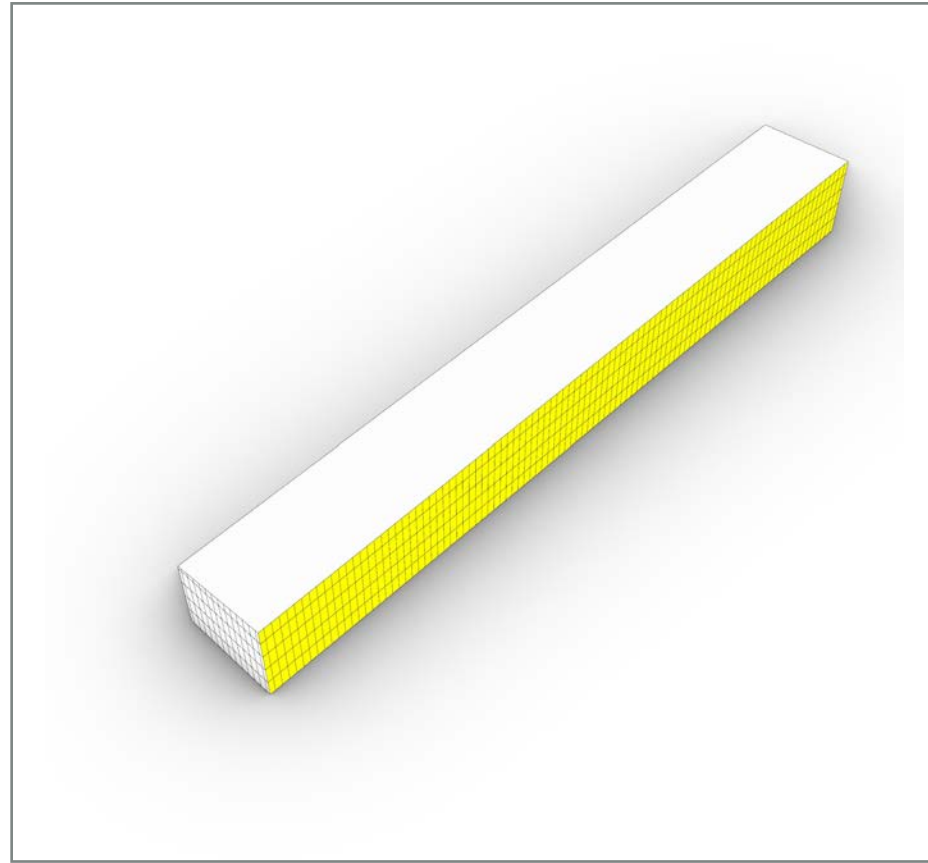
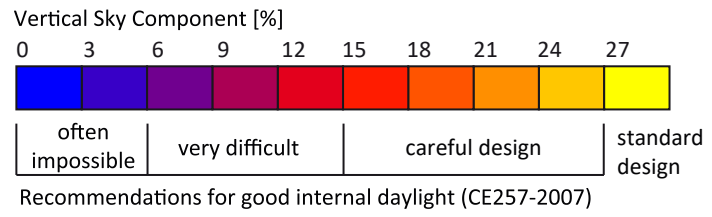


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

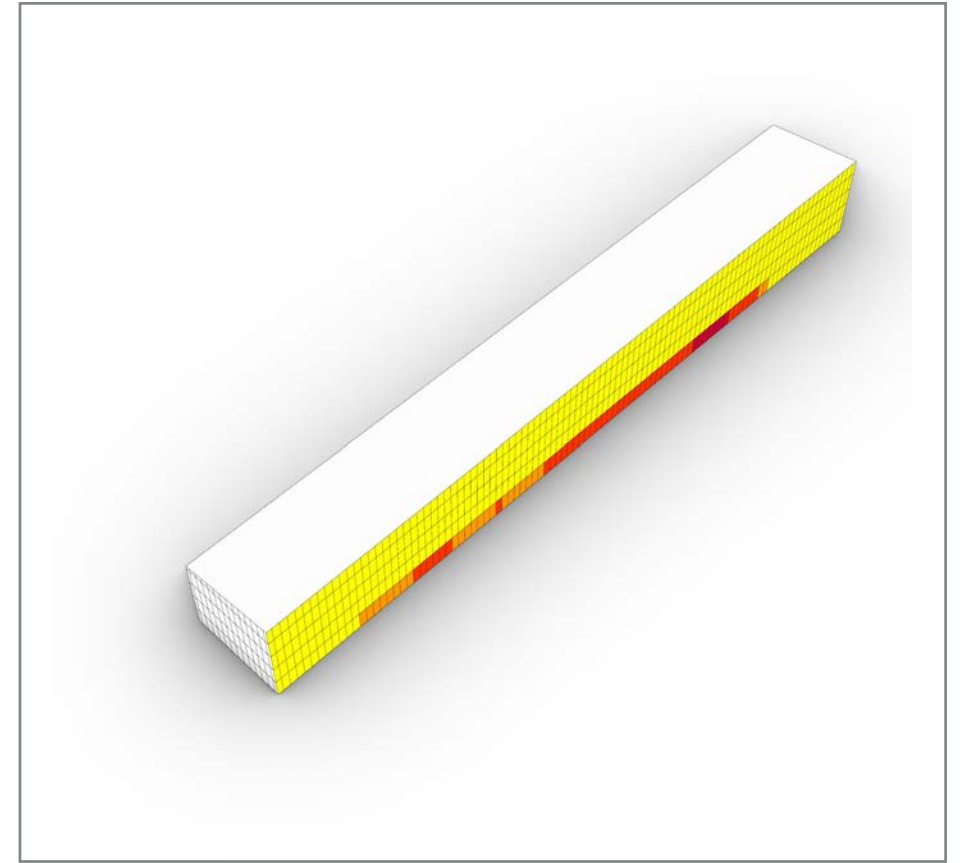
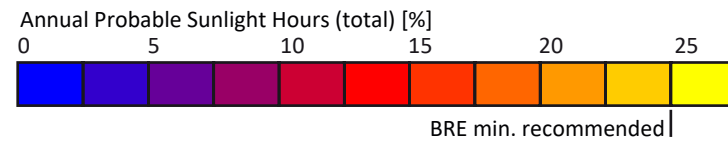
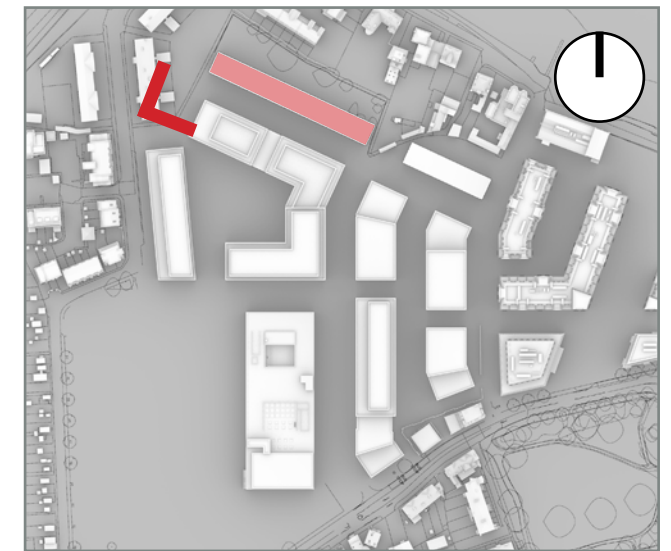
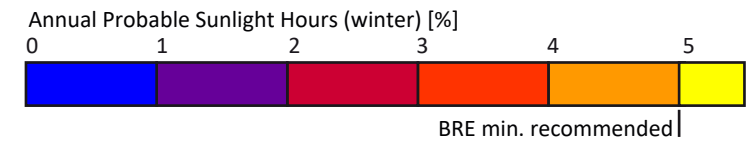


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

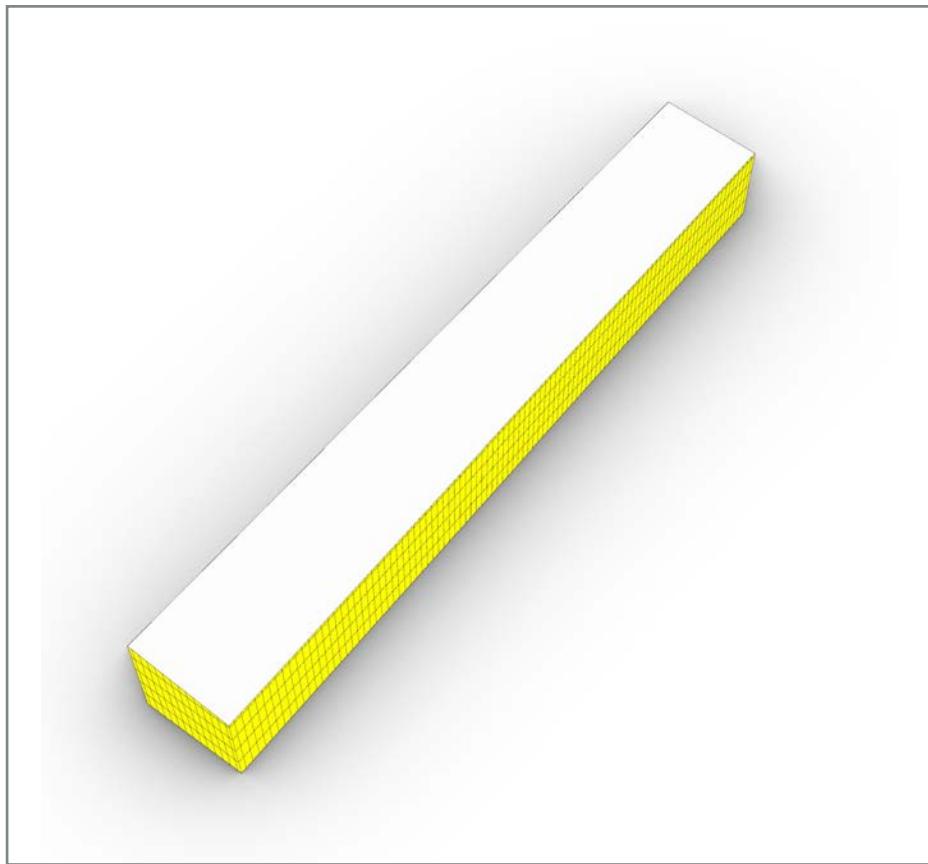


Fig. 1: Vertical Sky Component (VSC)

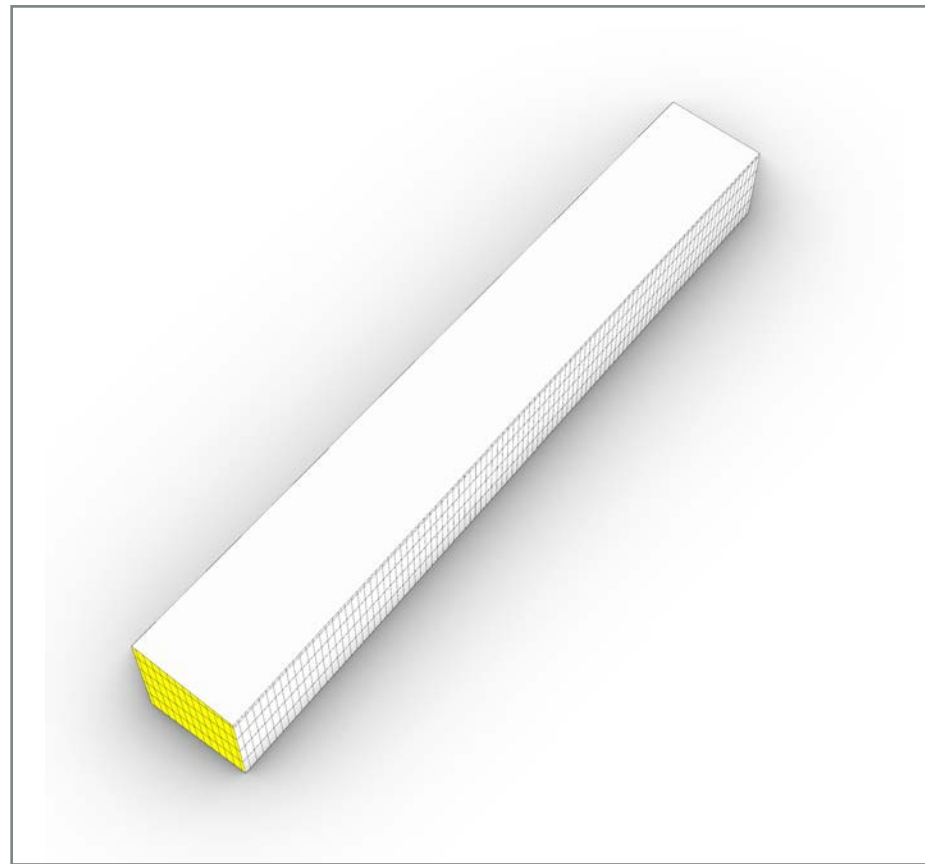


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

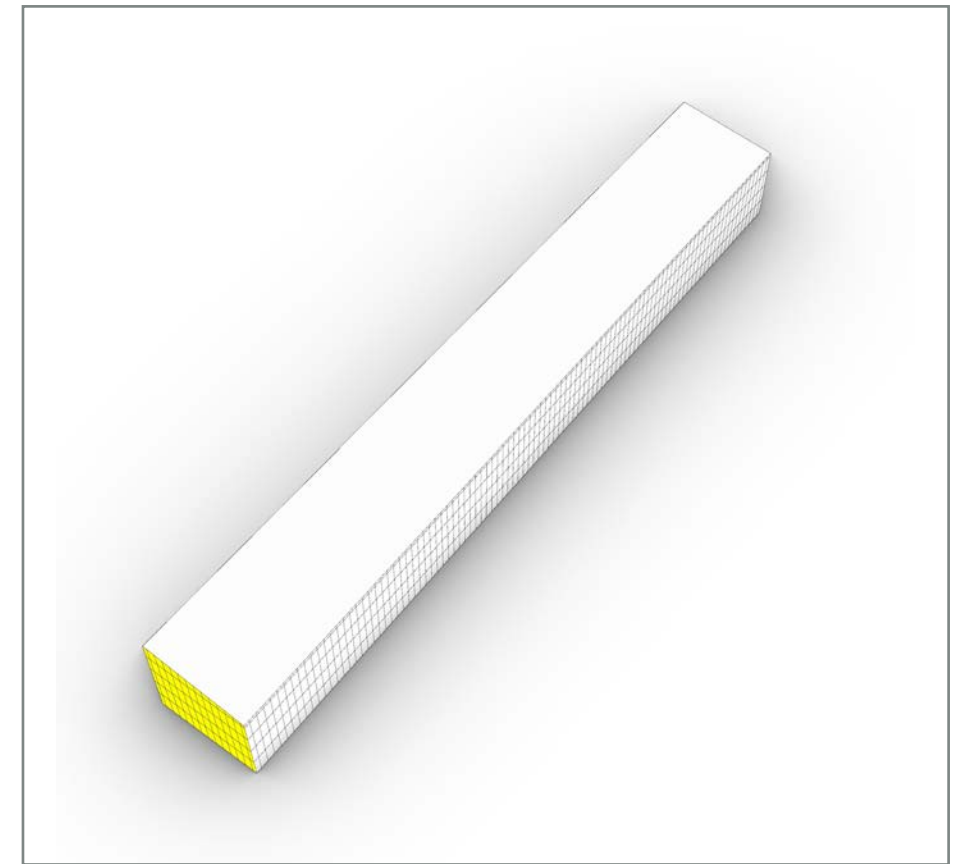
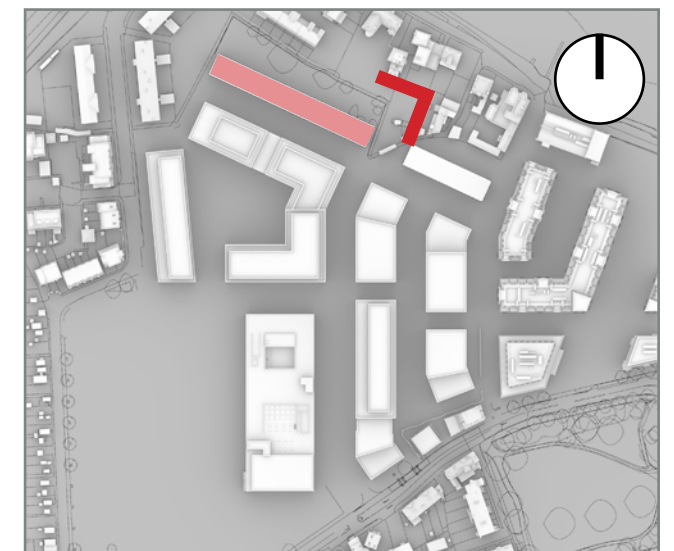
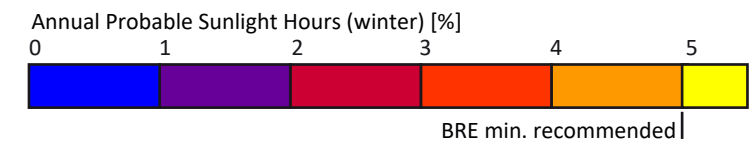
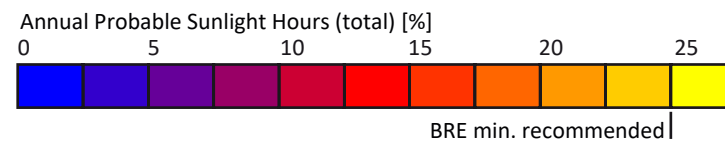
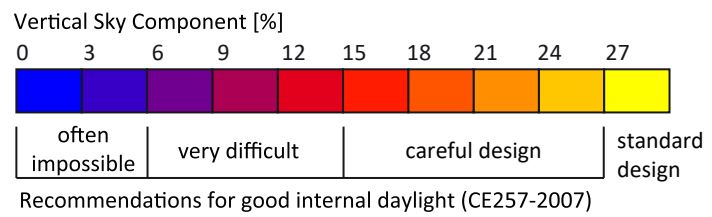


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

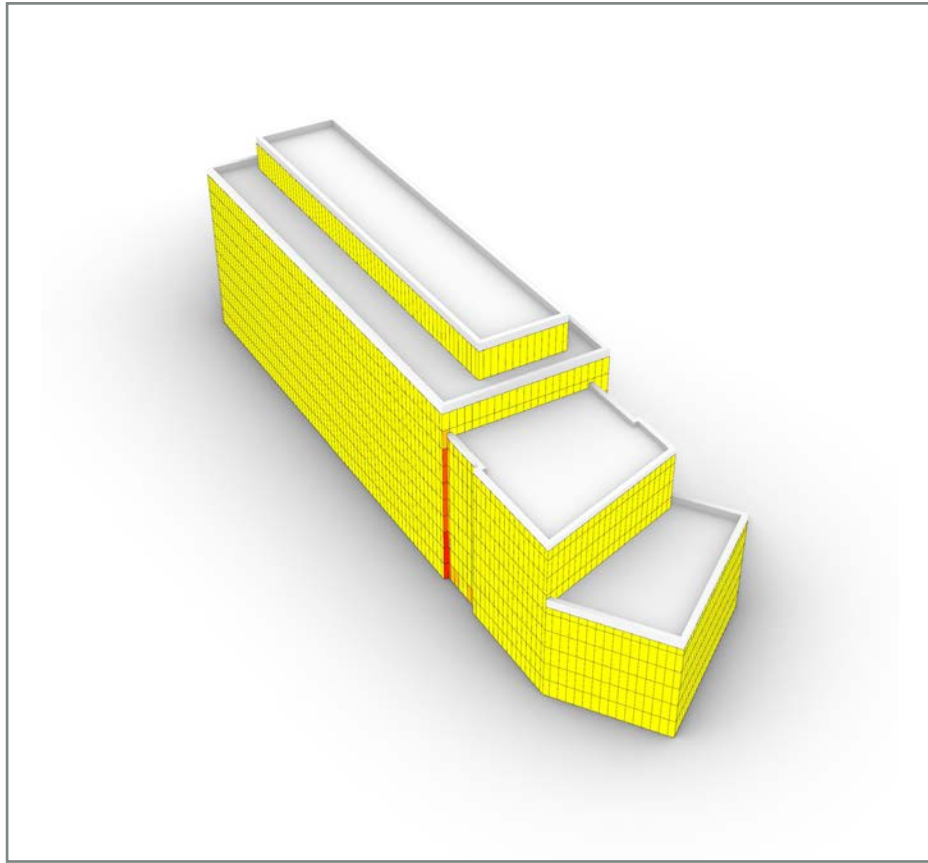


Fig. 1: Vertical Sky Component (VSC)

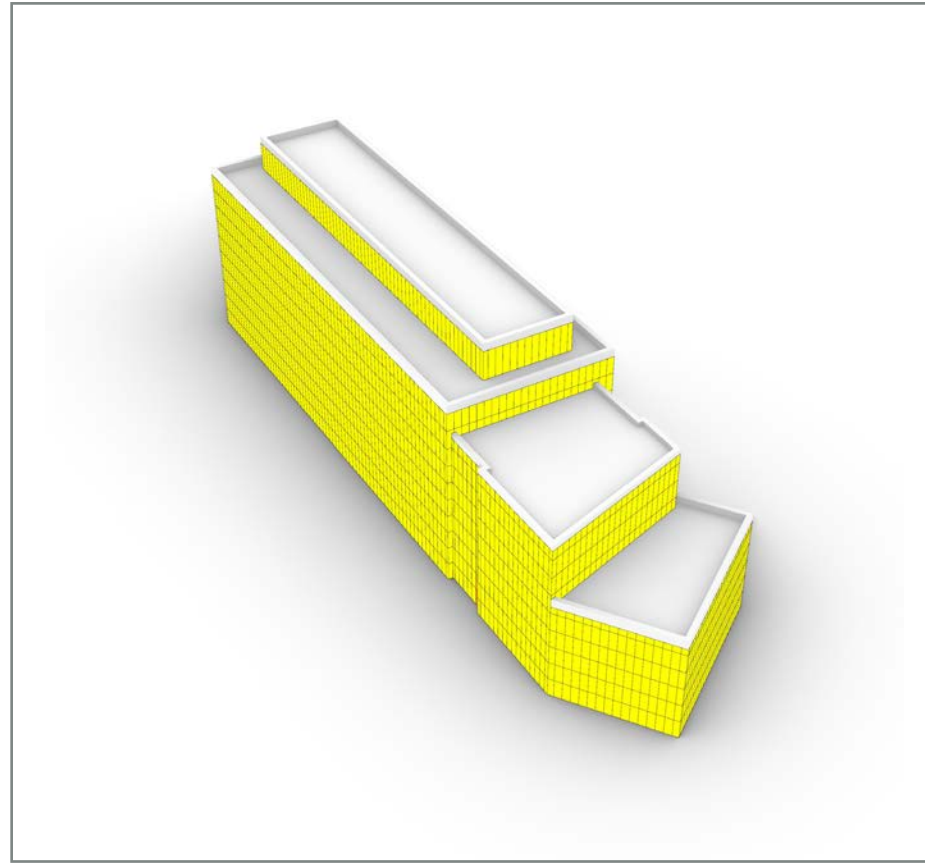
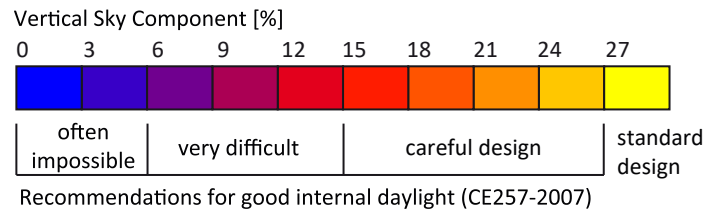


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

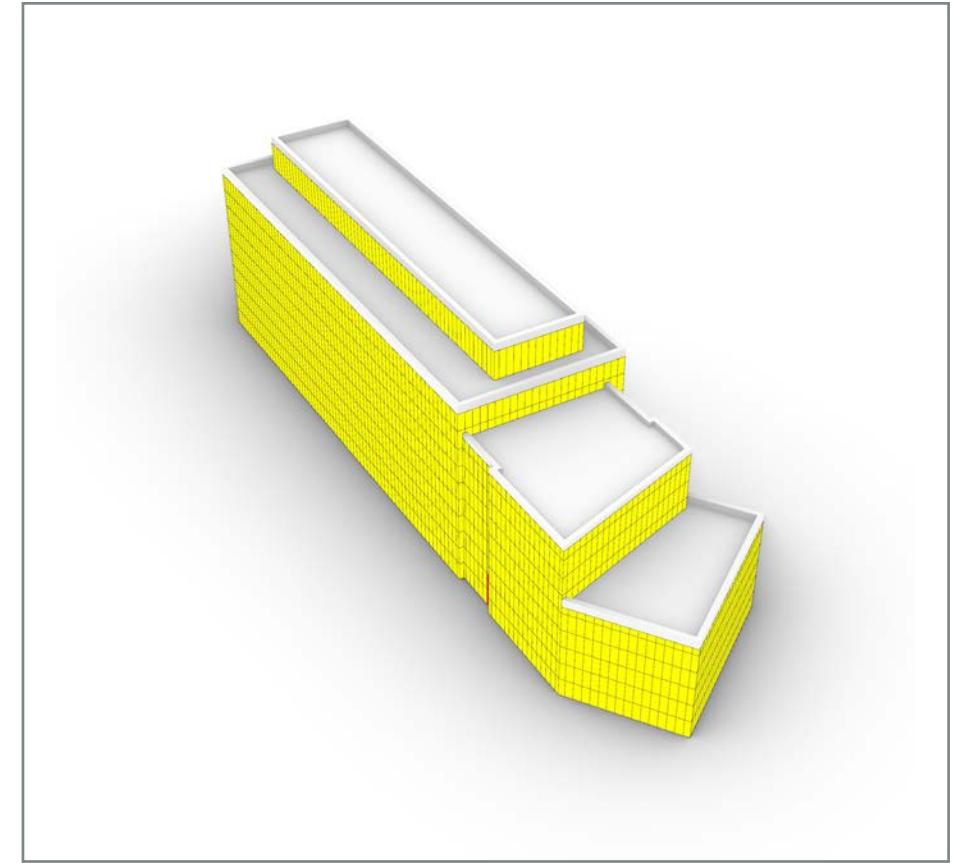
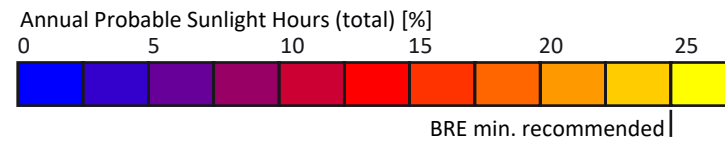
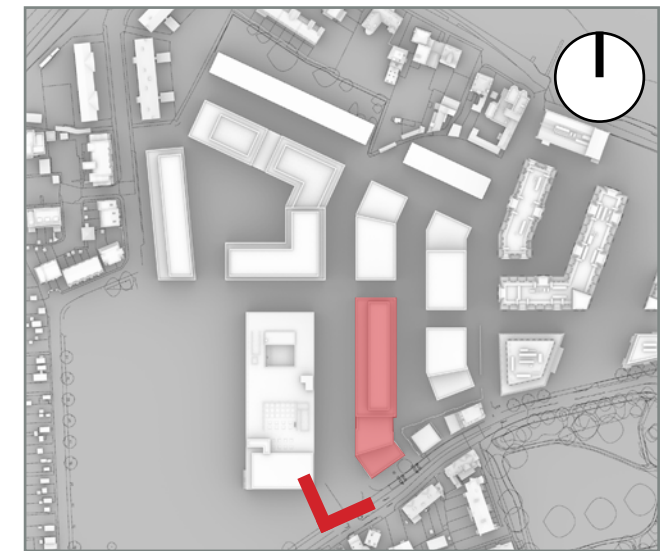
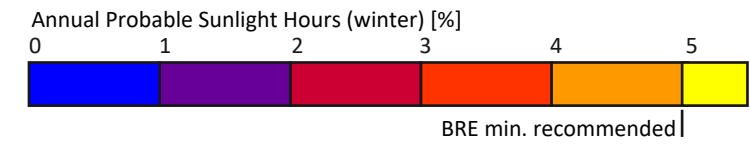


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

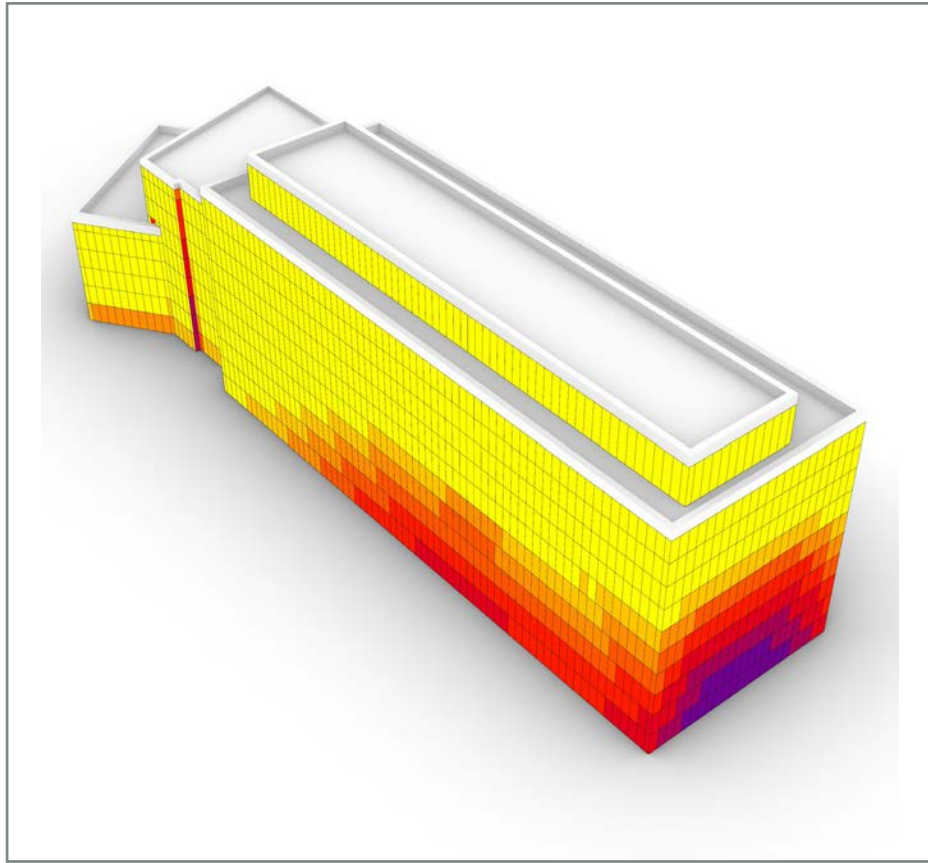


Fig. 1: Vertical Sky Component (VSC)

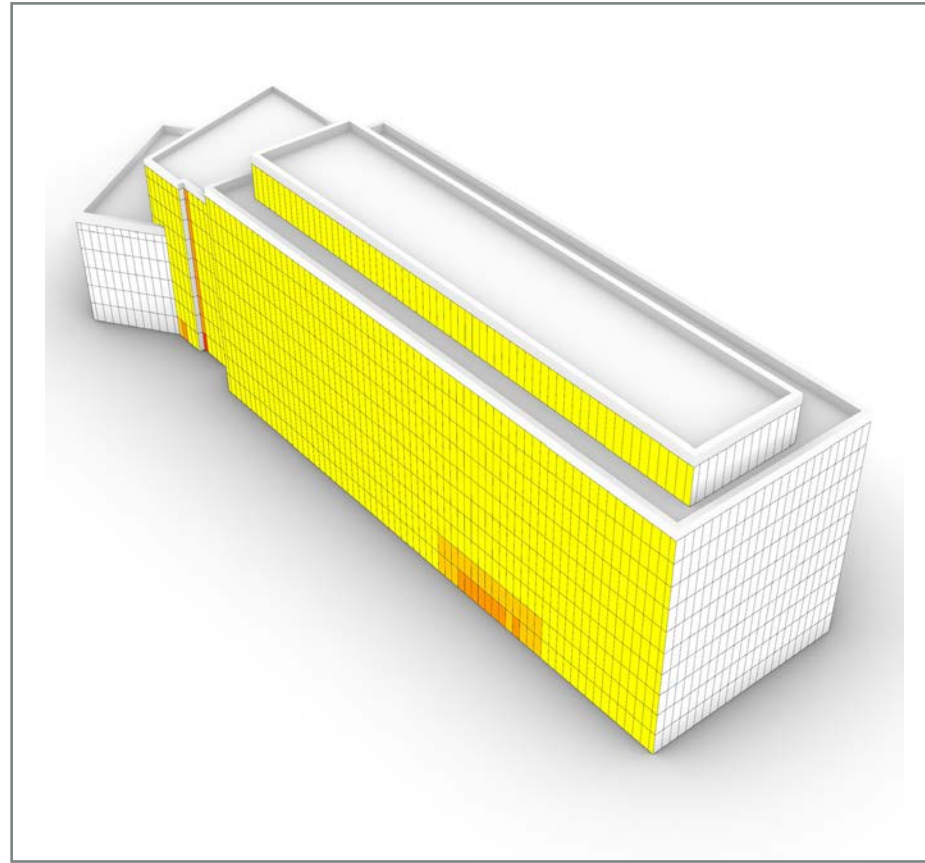
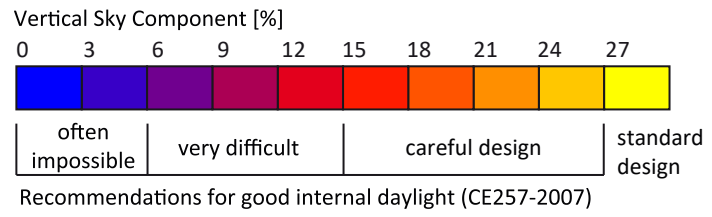


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

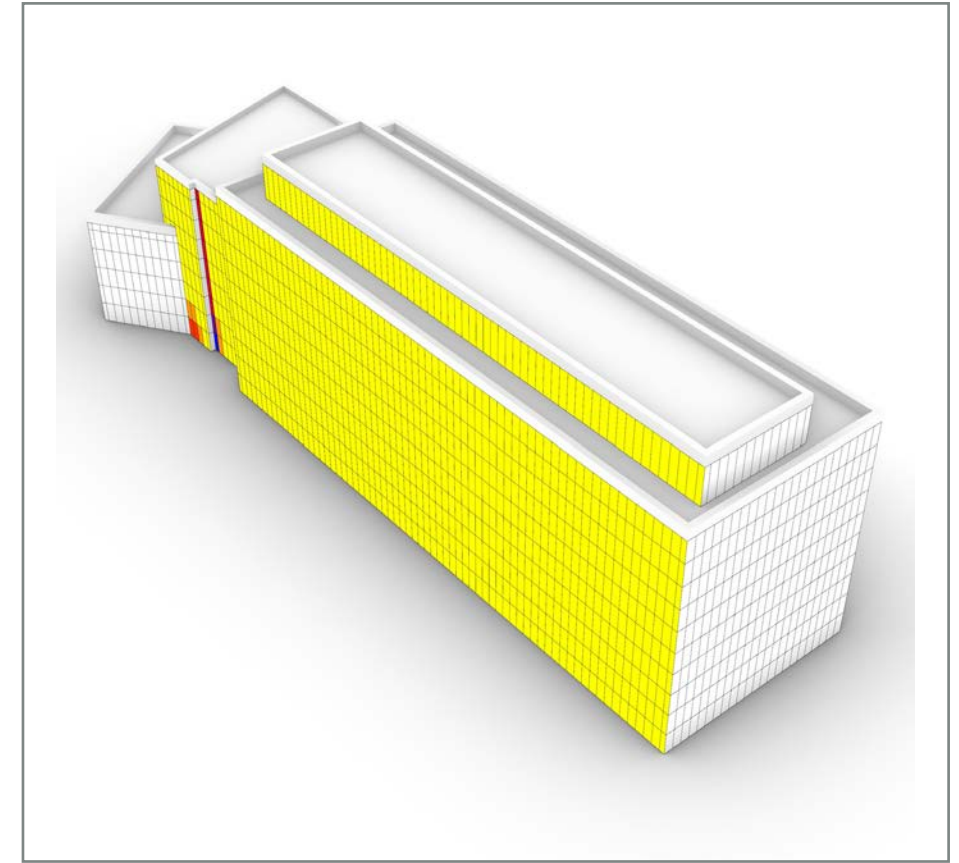
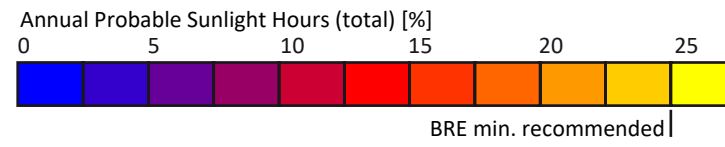
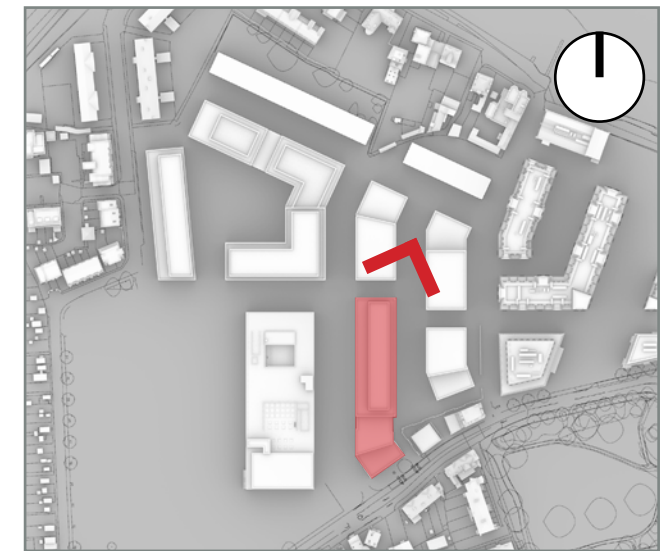
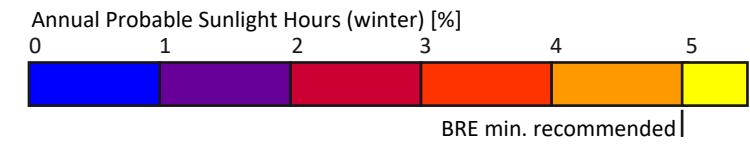


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

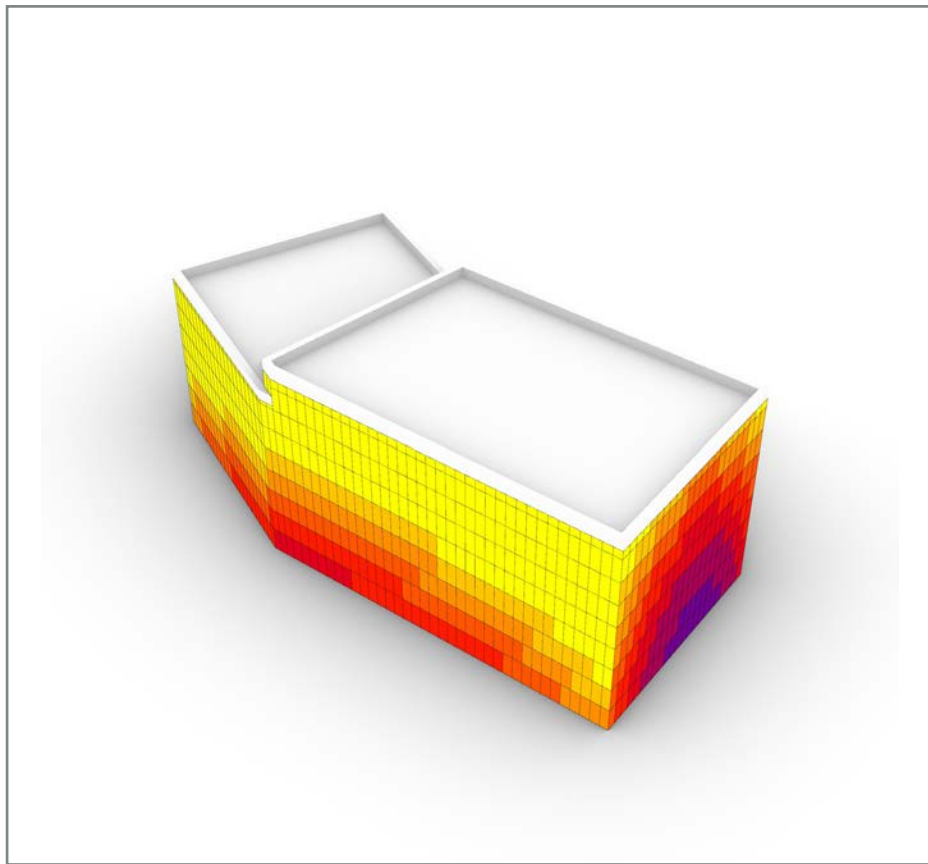


Fig. 1: Vertical Sky Component (VSC)

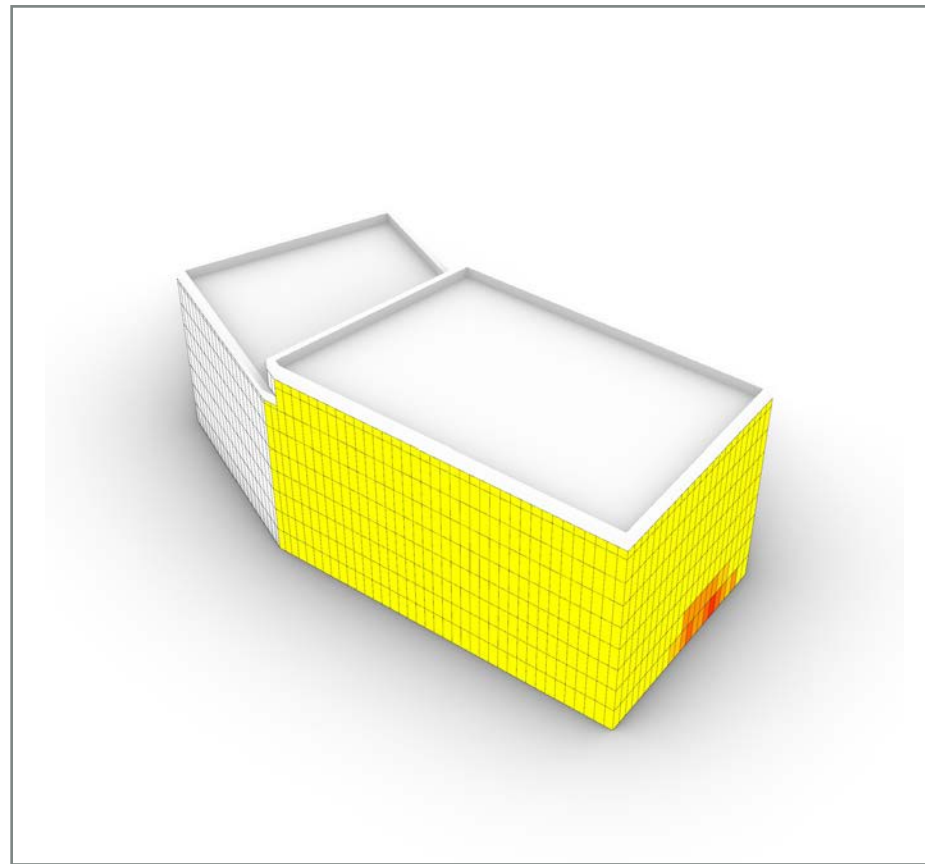
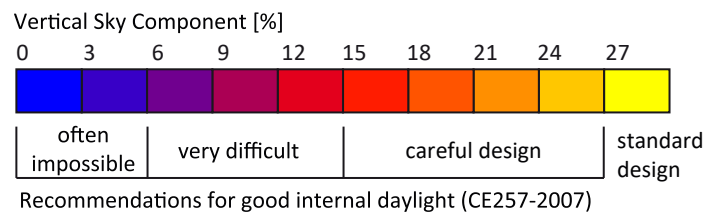


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

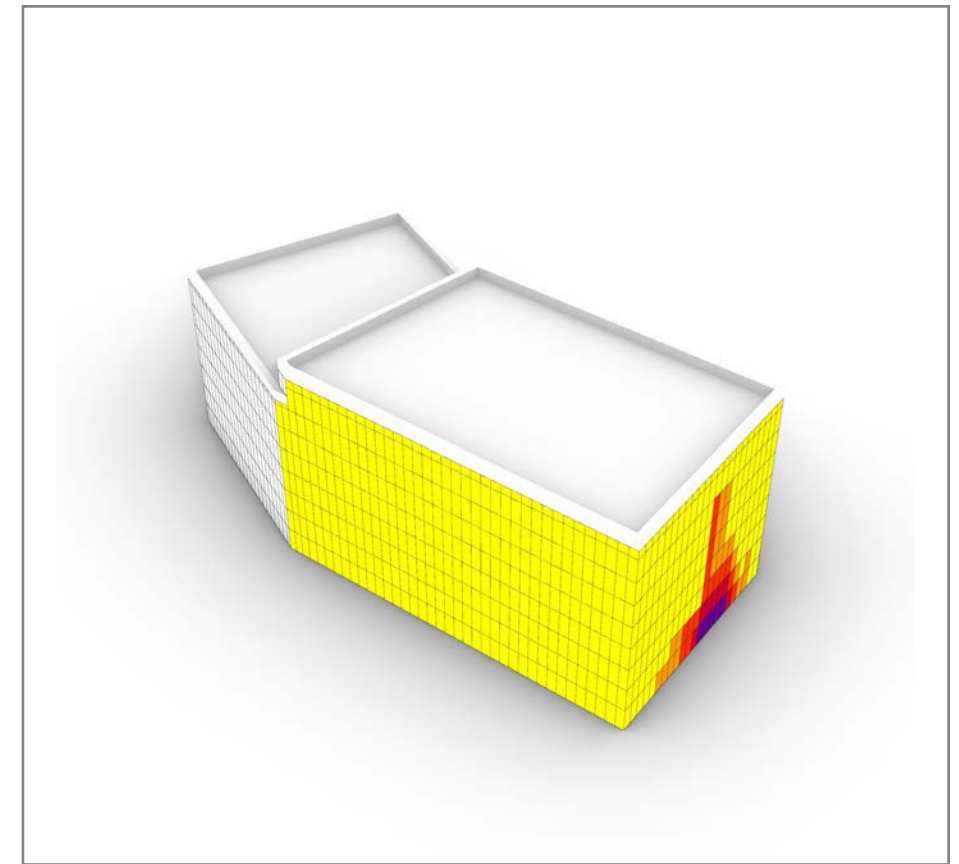
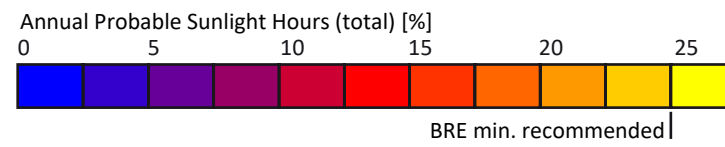
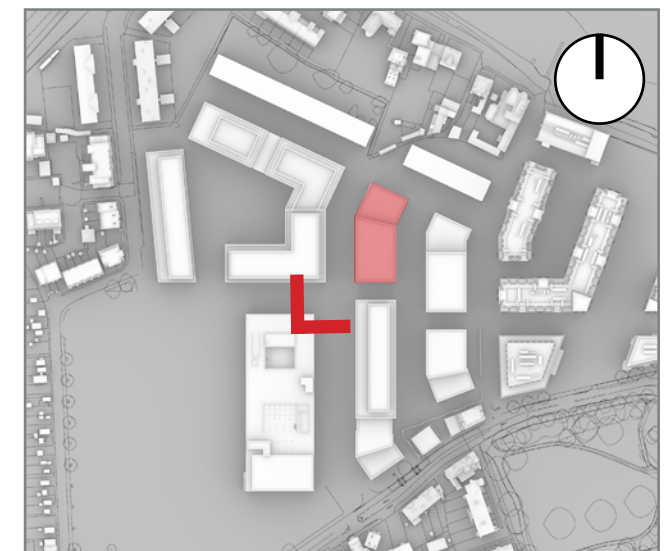
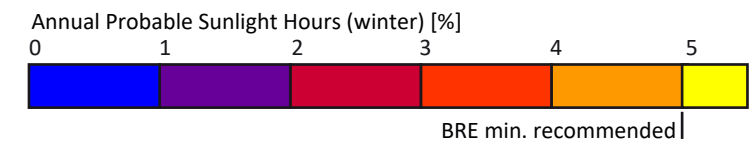


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

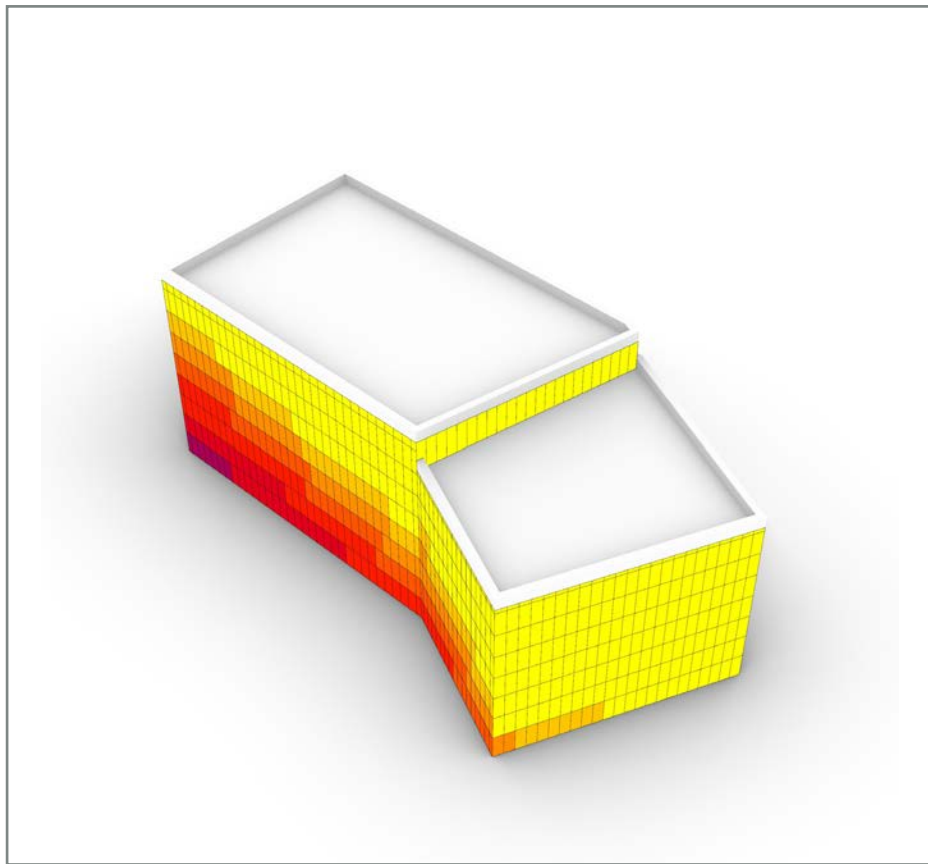


Fig. 1: Vertical Sky Component (VSC)

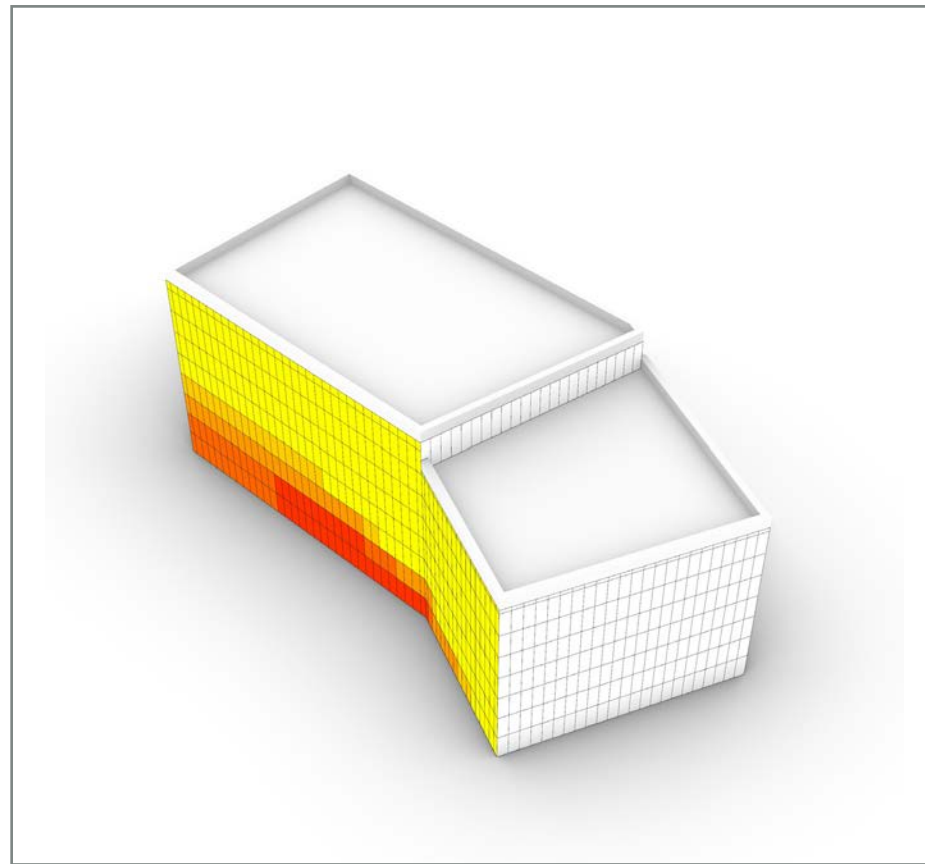
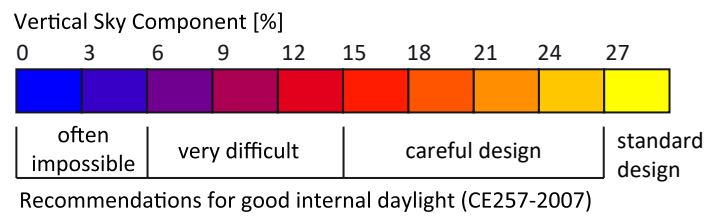


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

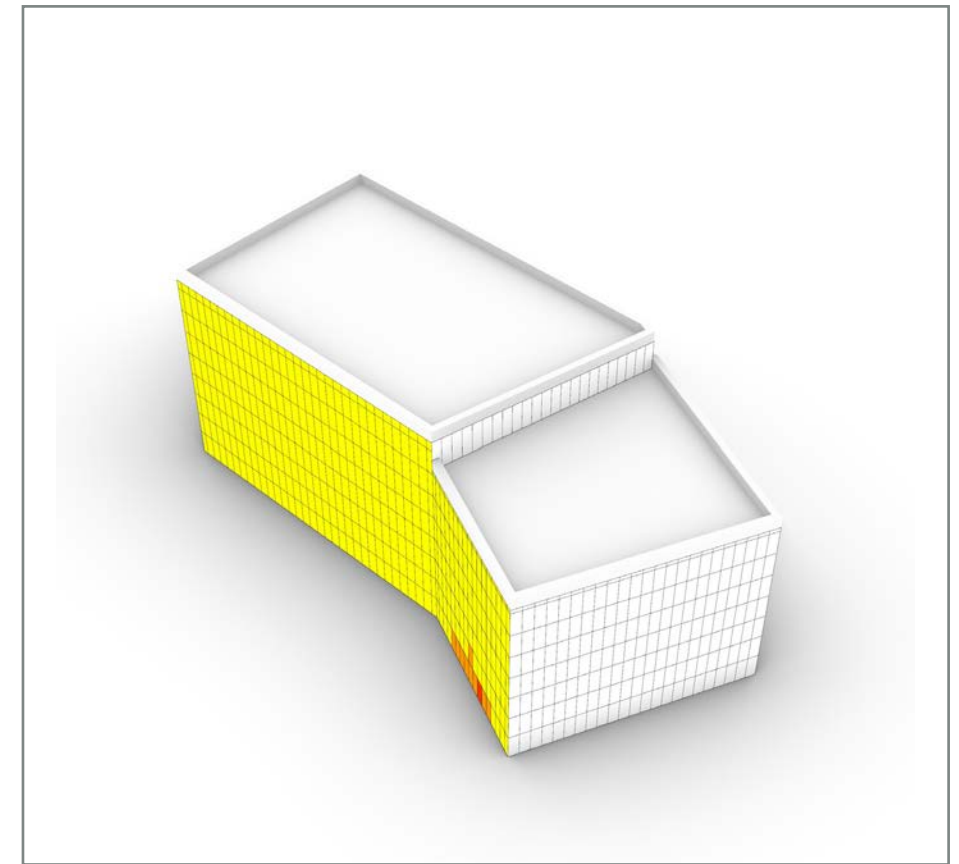
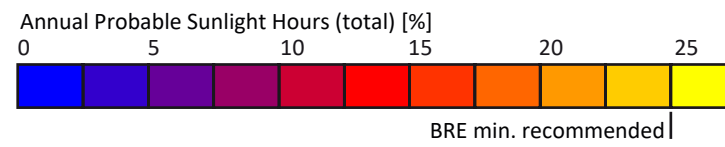
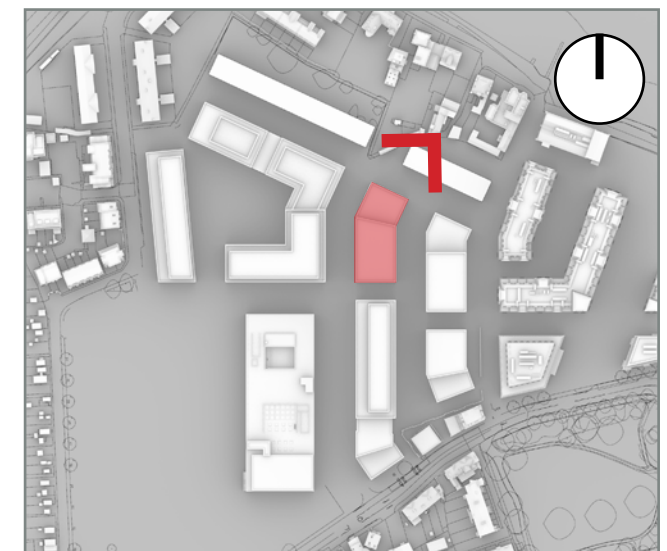
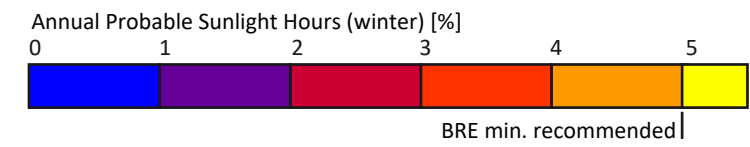


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

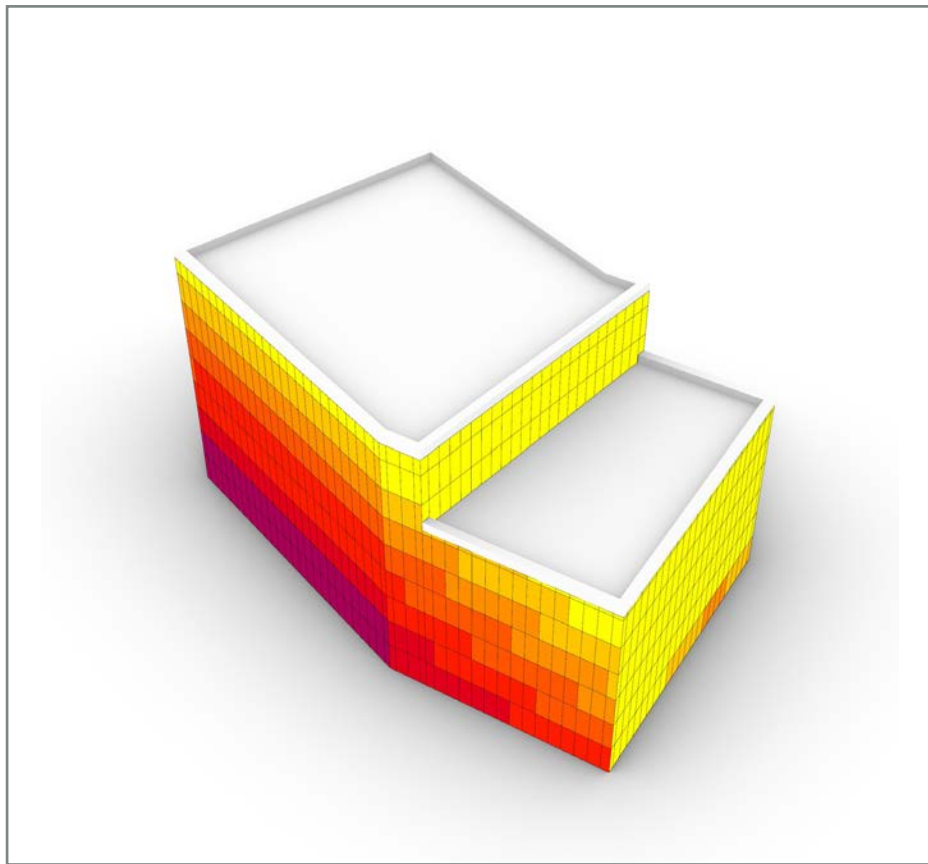


Fig. 1: Vertical Sky Component (VSC)

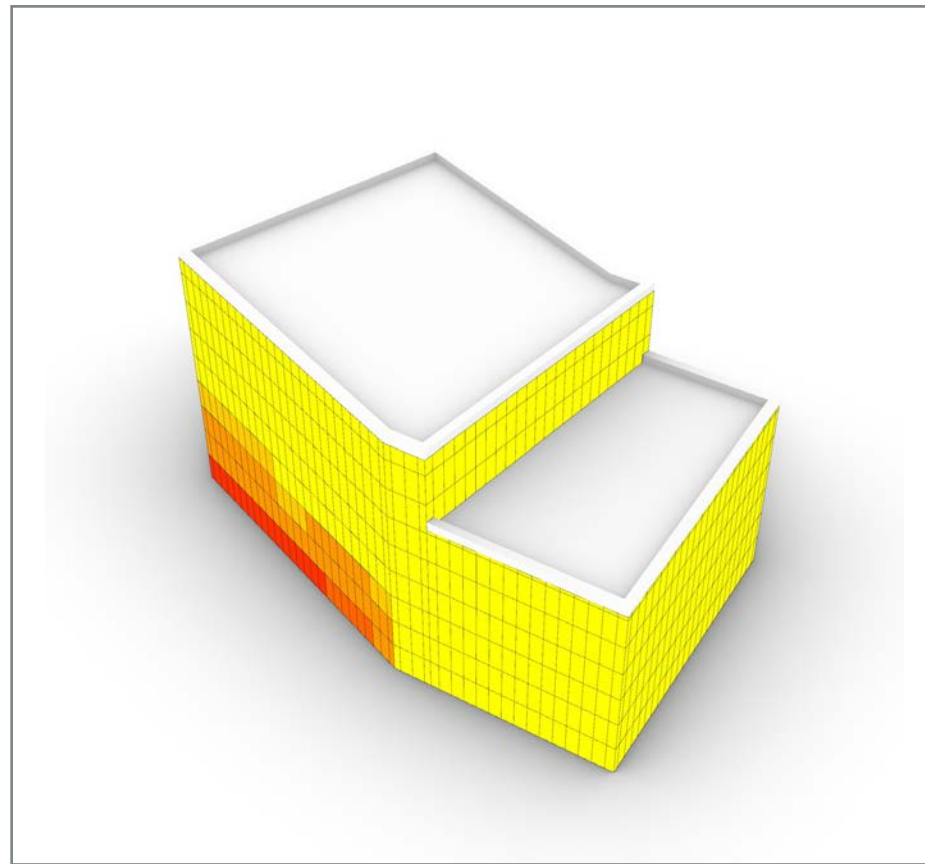
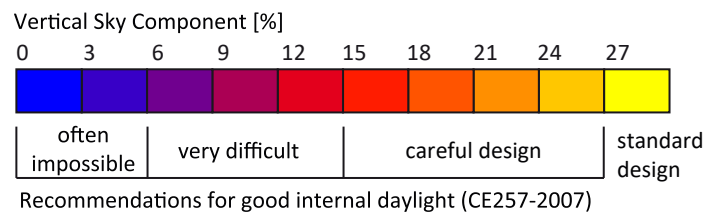


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

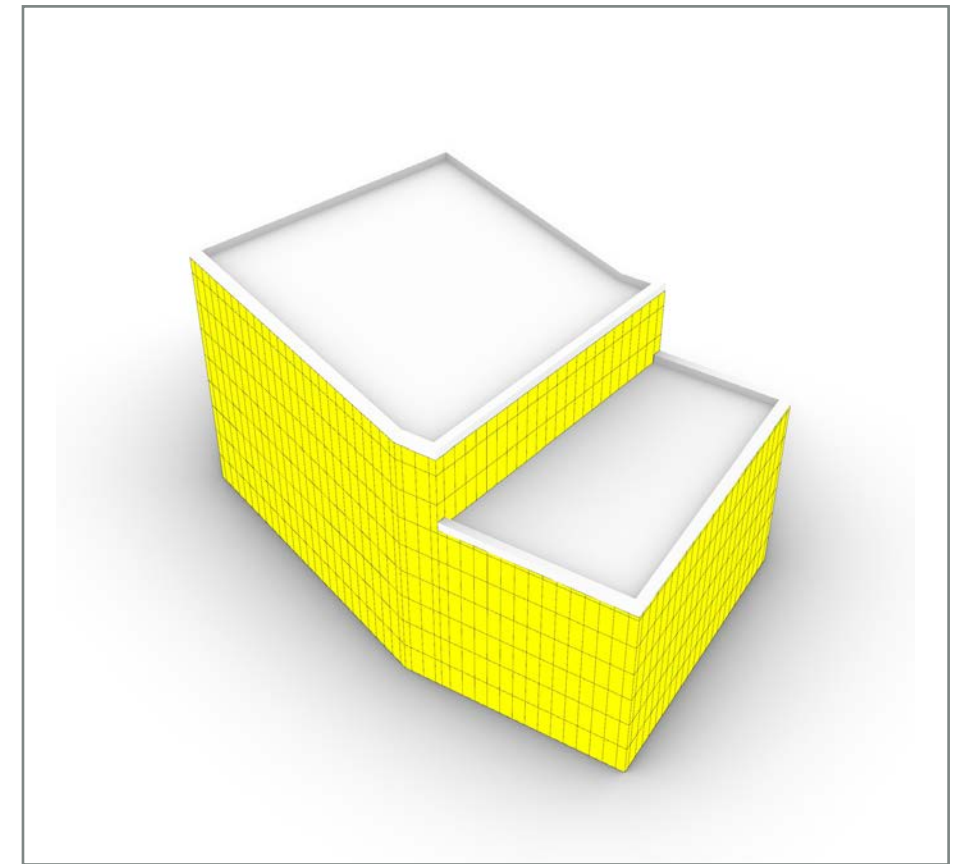
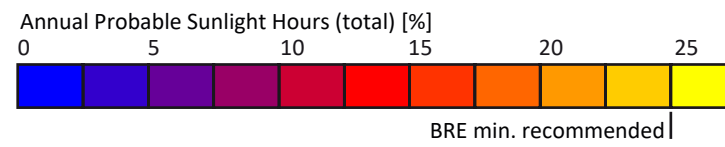
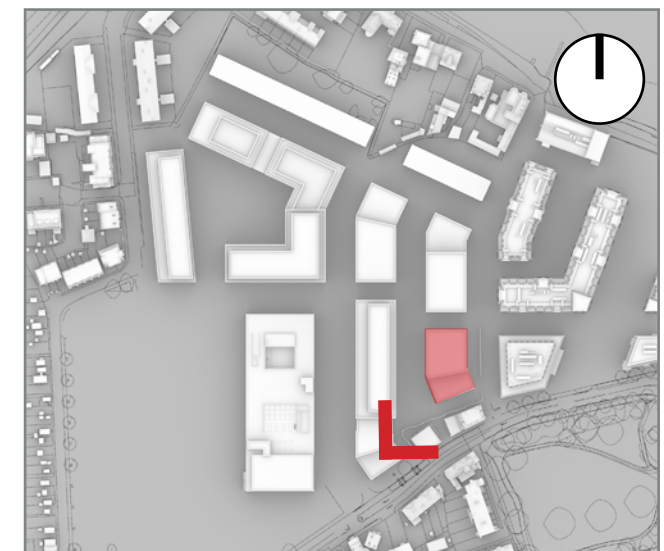
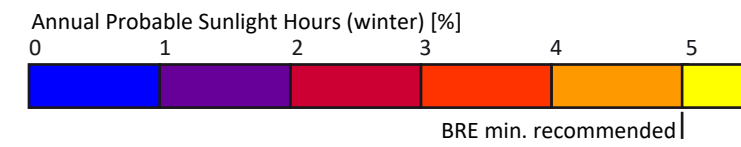


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

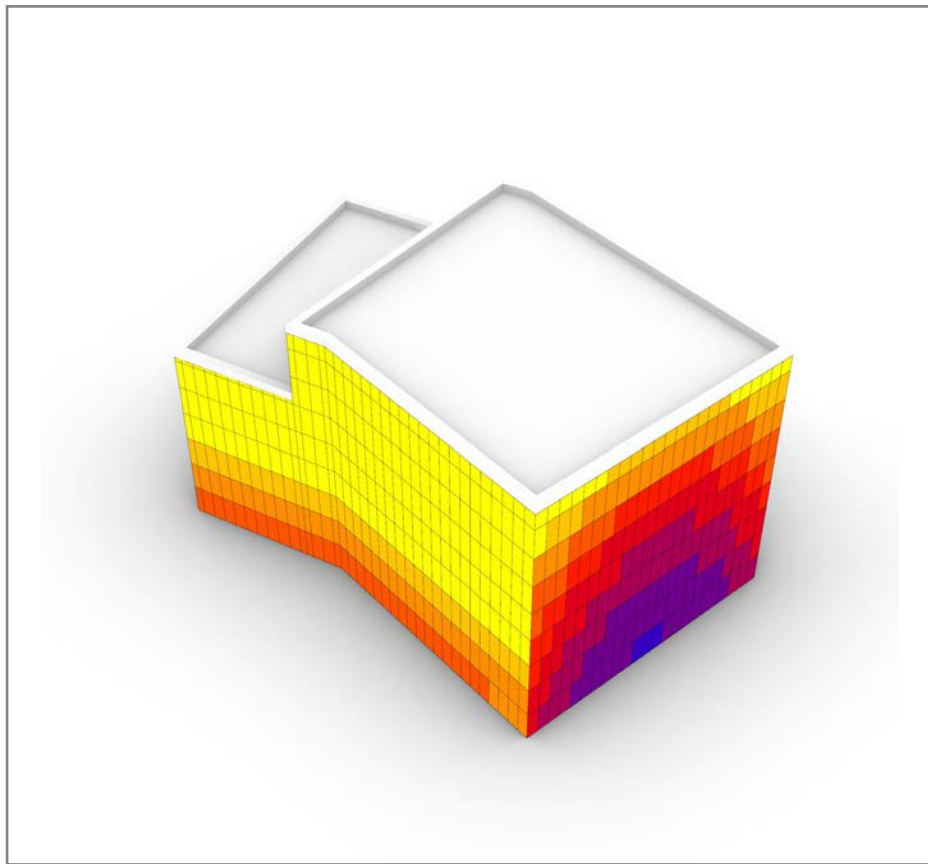


Fig. 1: Vertical Sky Component (VSC)

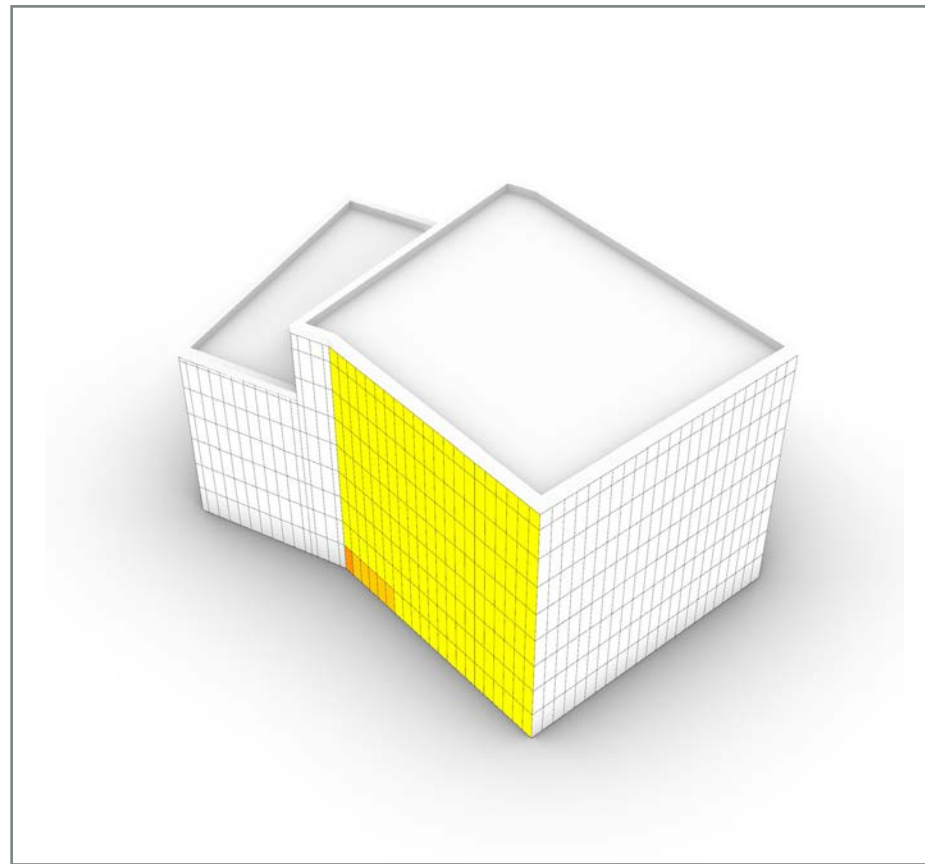
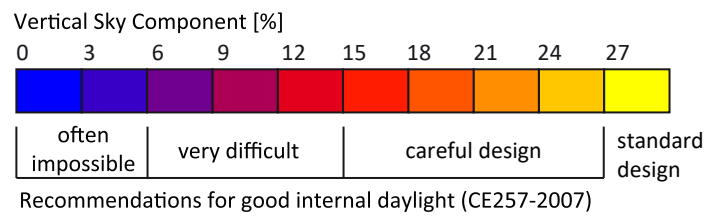


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

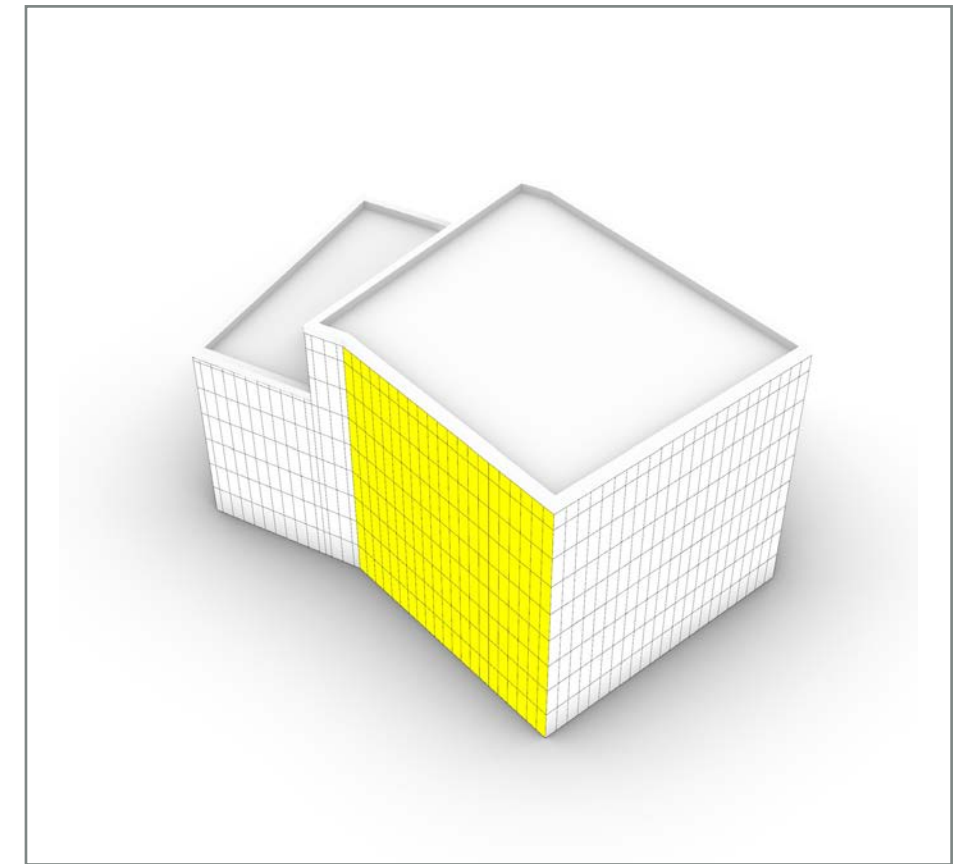
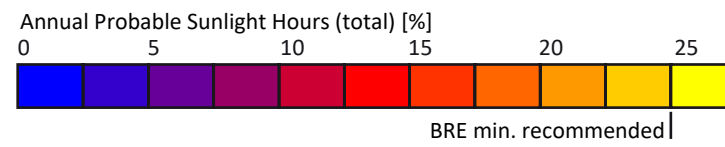
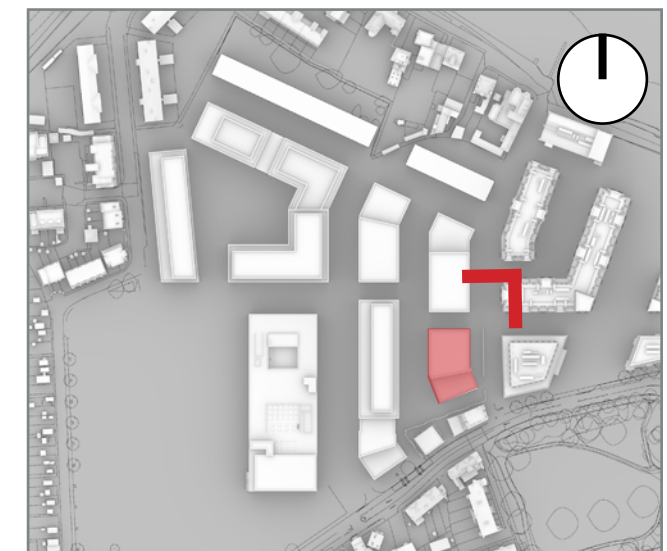
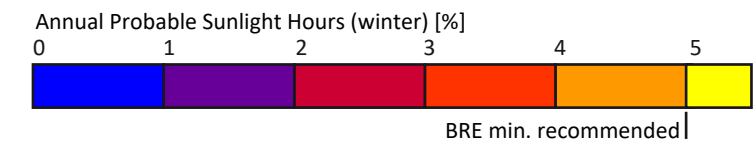


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

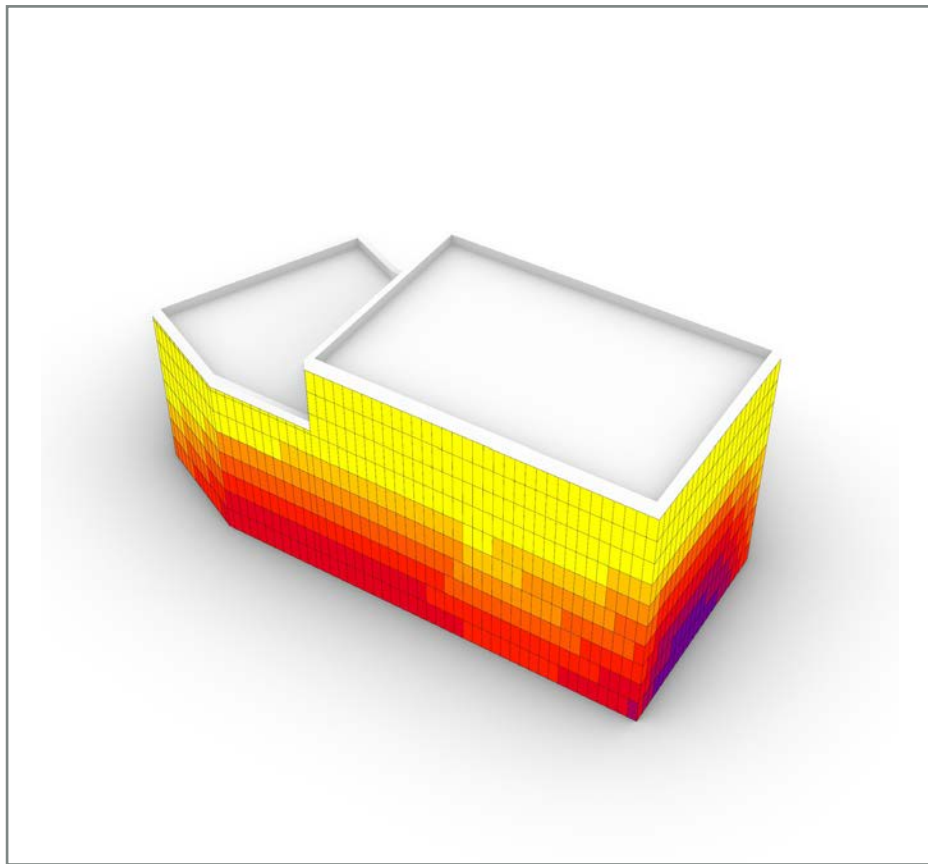


Fig. 1: Vertical Sky Component (VSC)

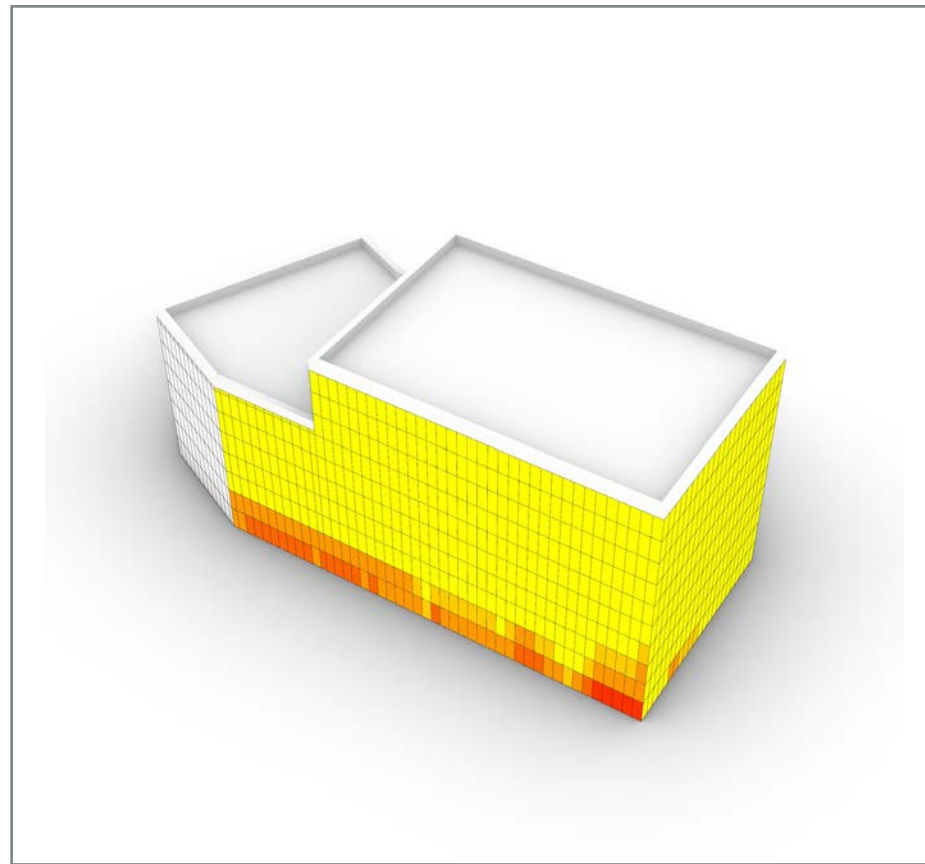
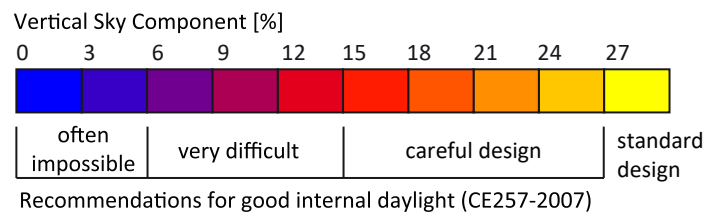


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

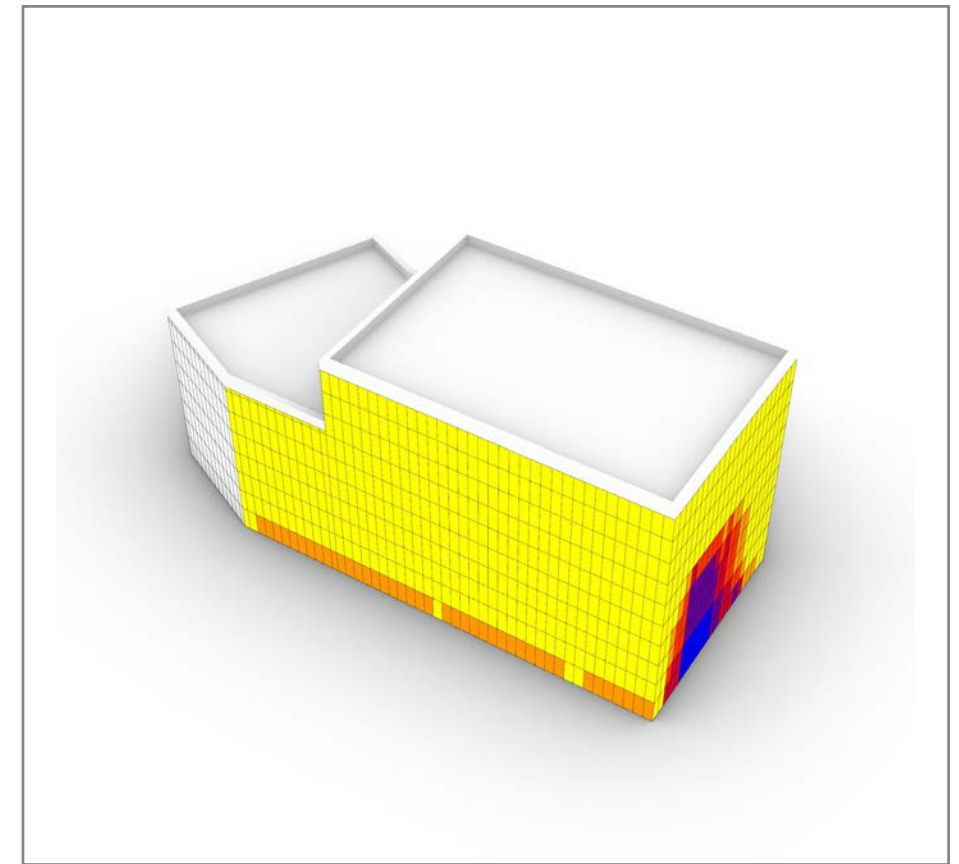
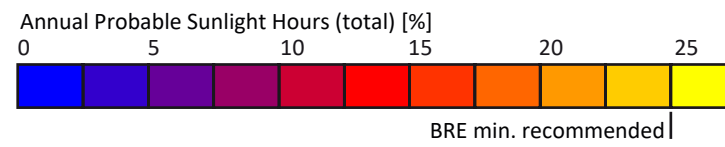
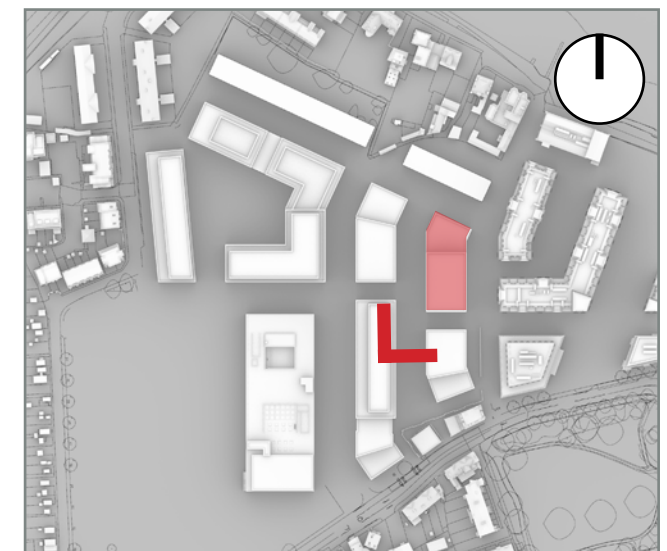
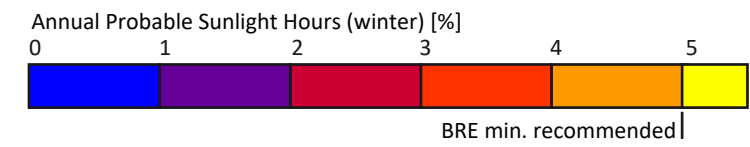


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

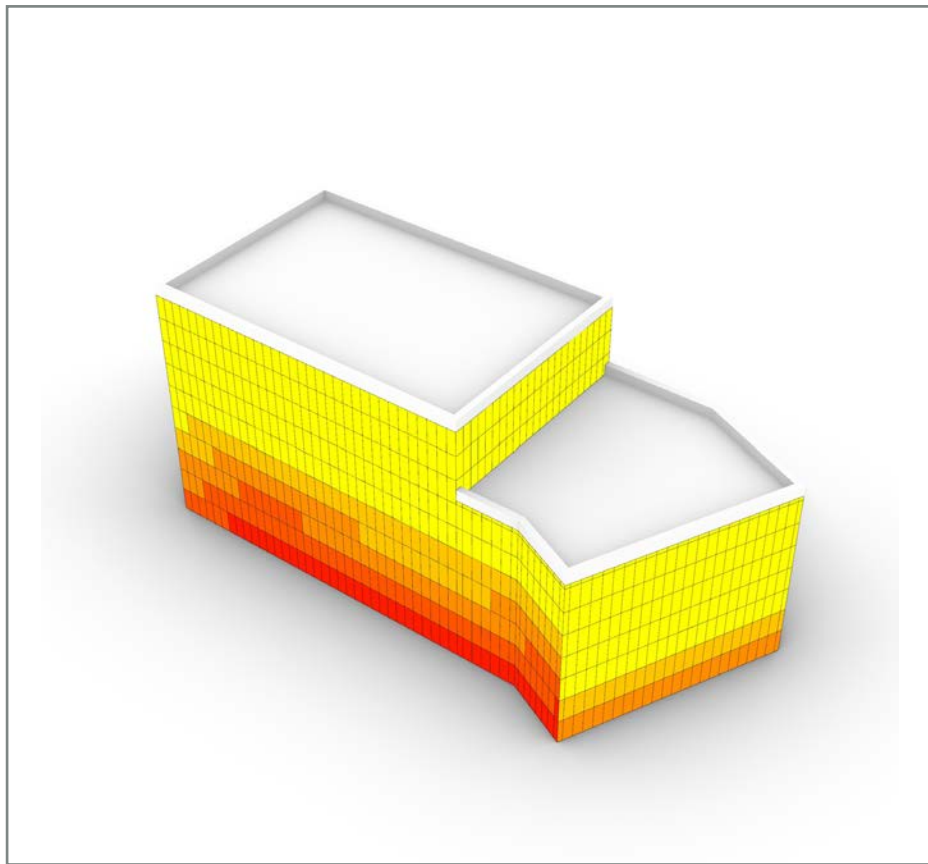


Fig. 1: Vertical Sky Component (VSC)

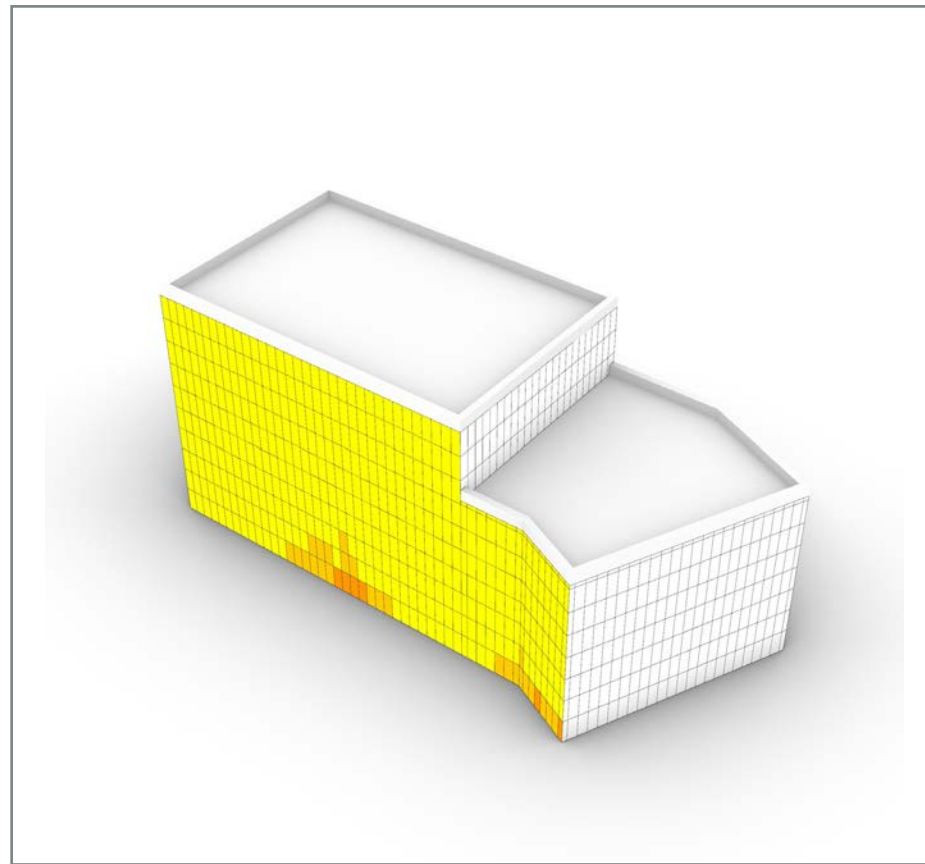
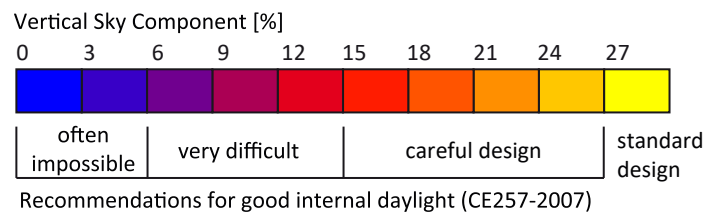


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

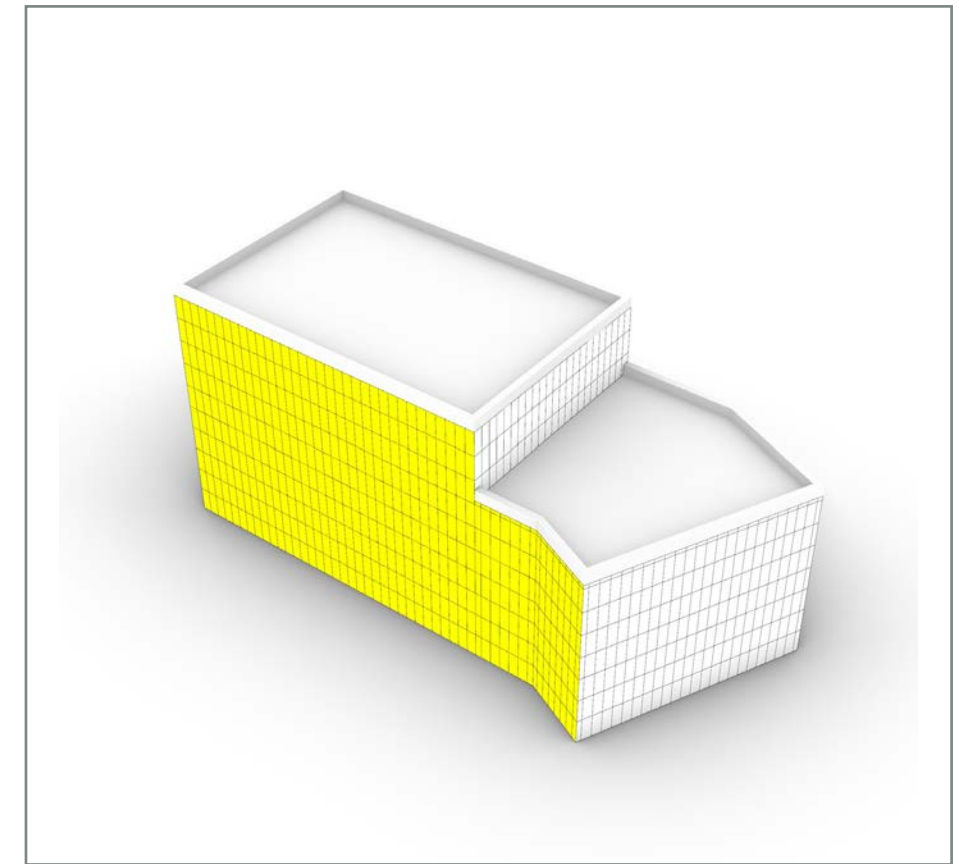
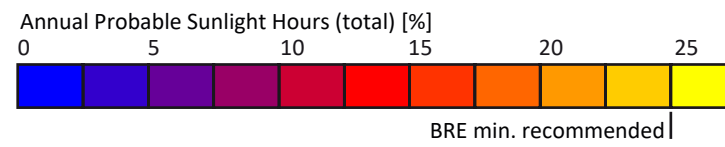
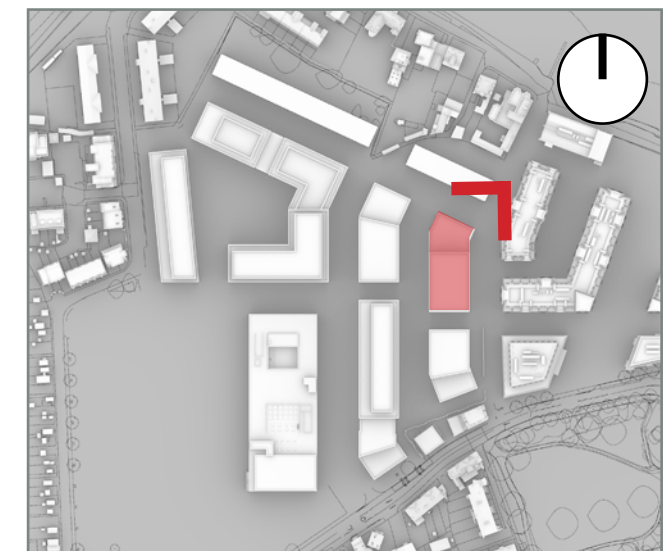
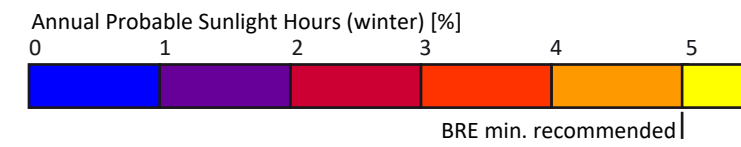


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

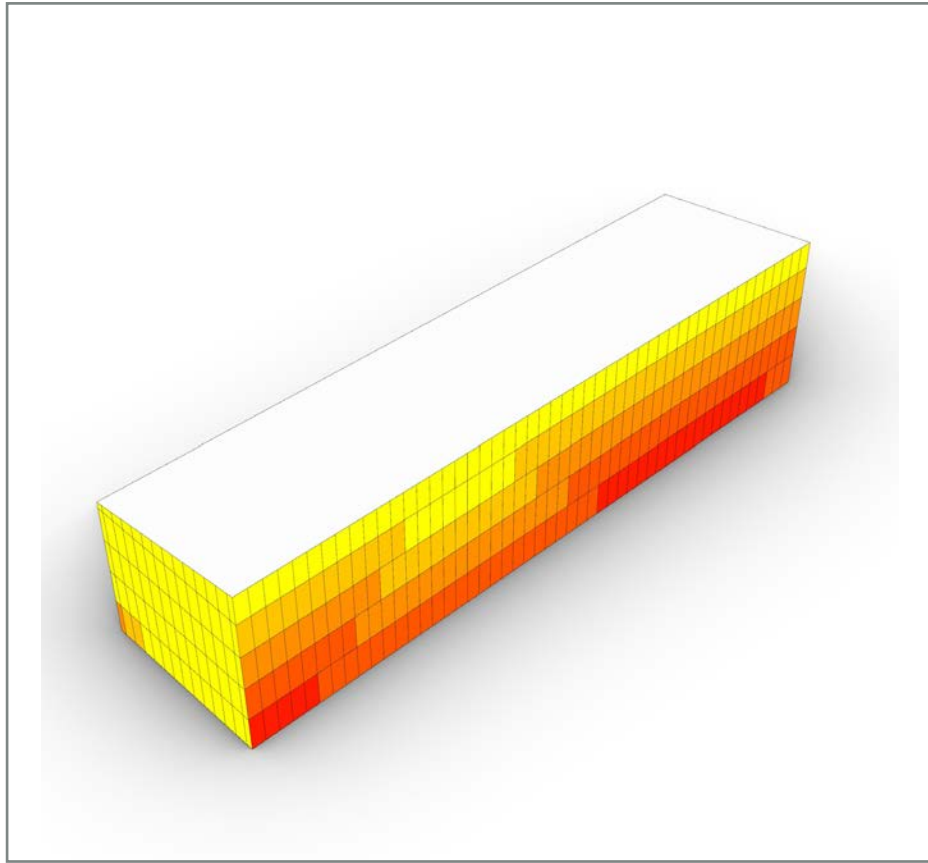


Fig. 1: Vertical Sky Component (VSC)

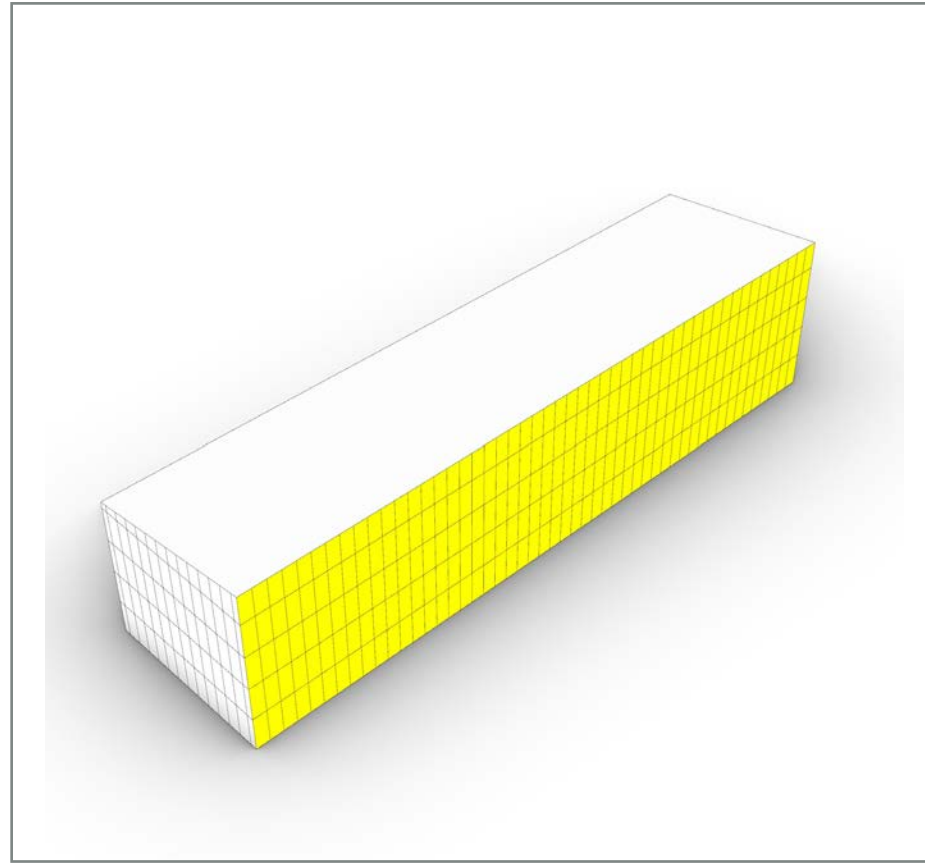


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

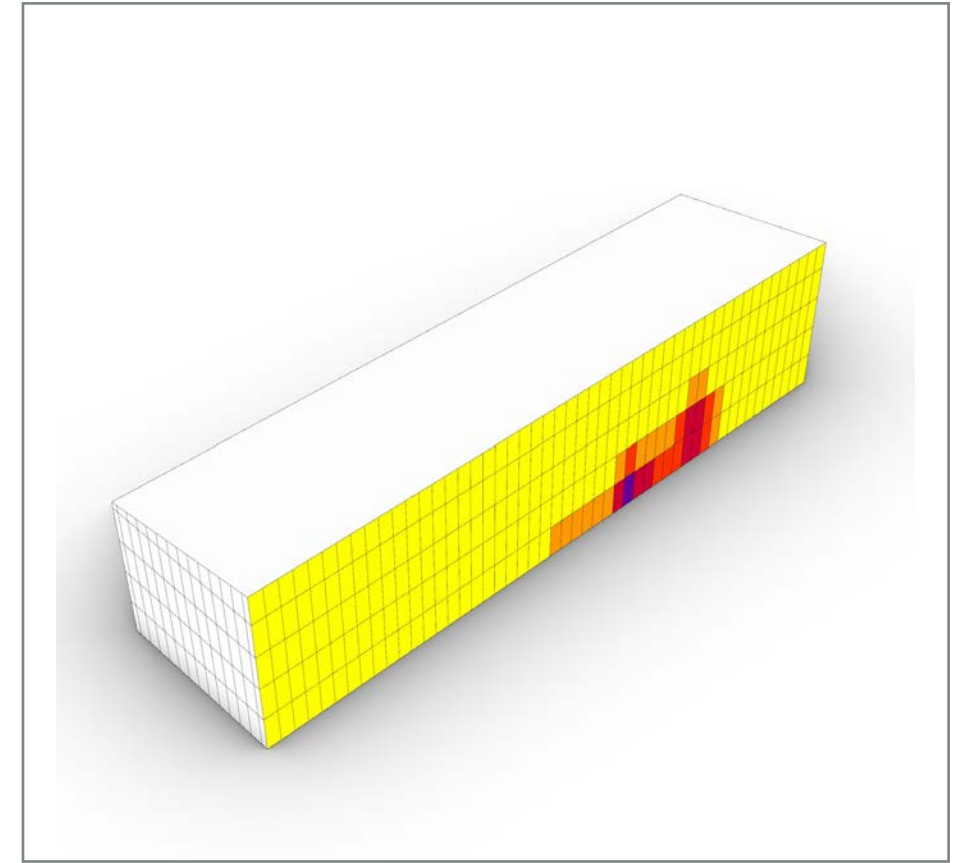
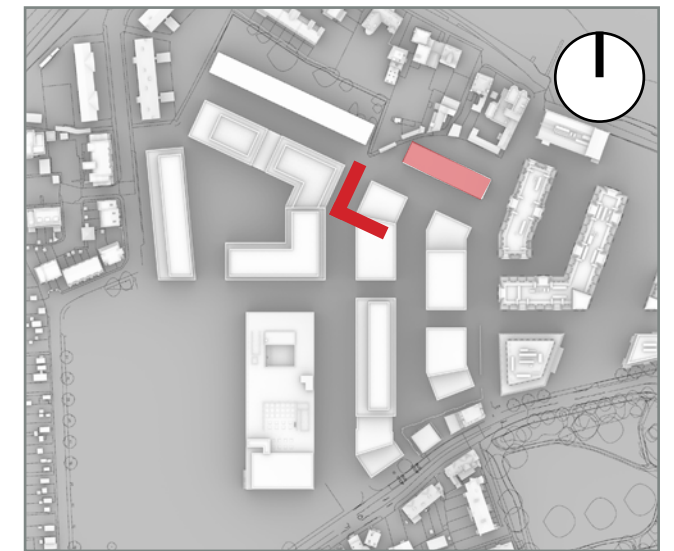
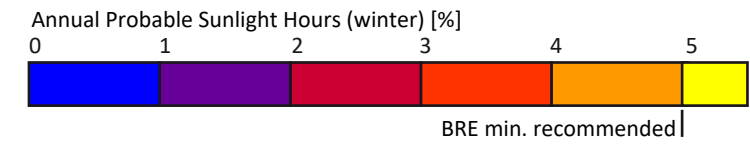
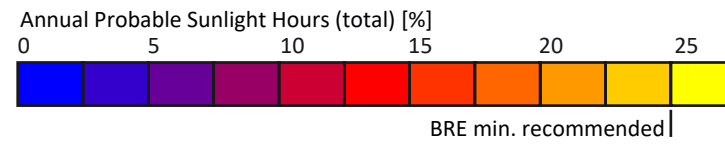
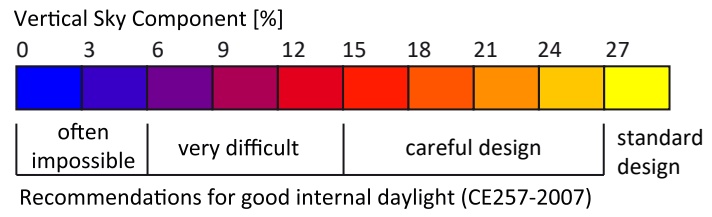


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan

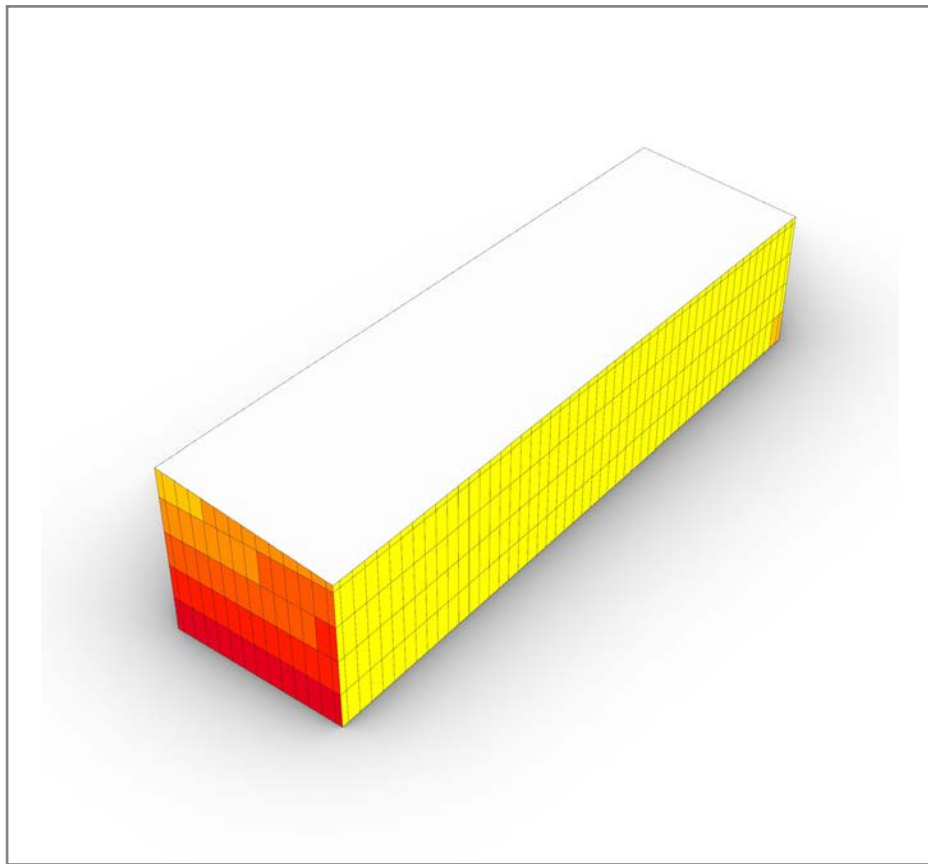


Fig. 1: Vertical Sky Component (VSC)

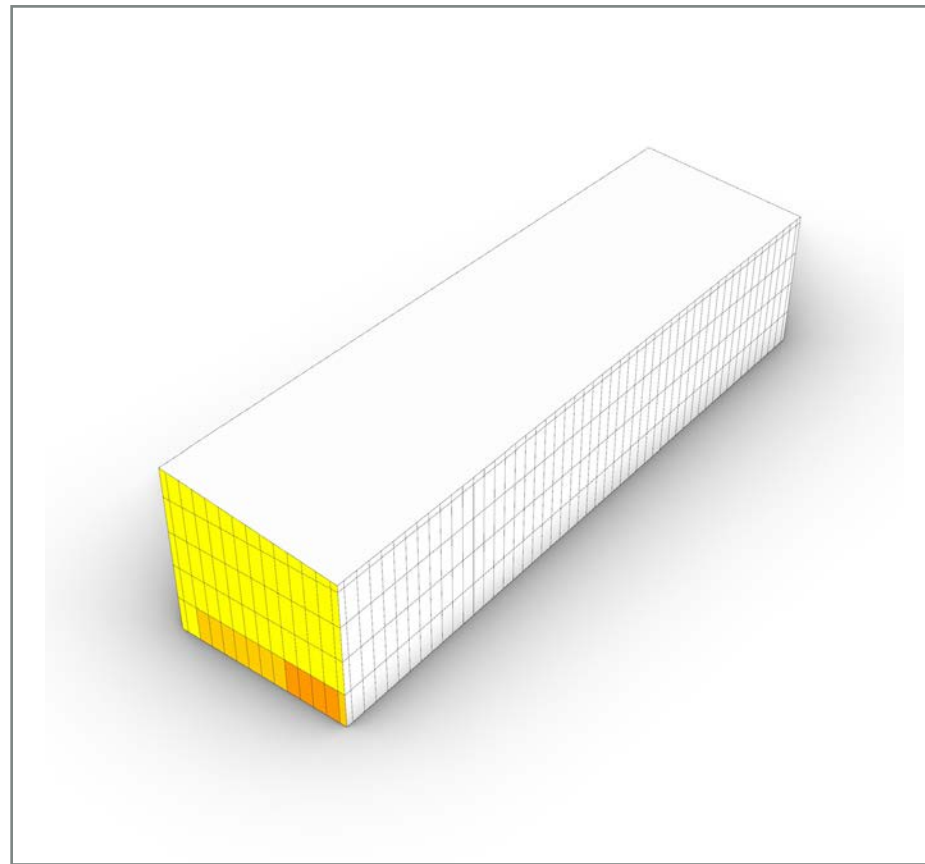
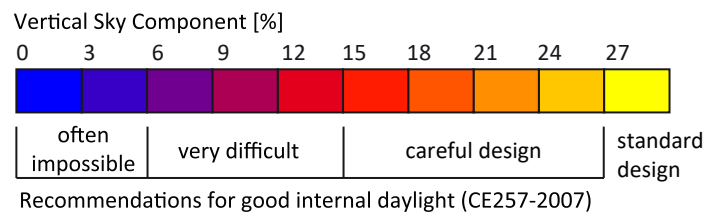


Fig. 2: Annual Probable Sunlight Hours (APSH) - Total

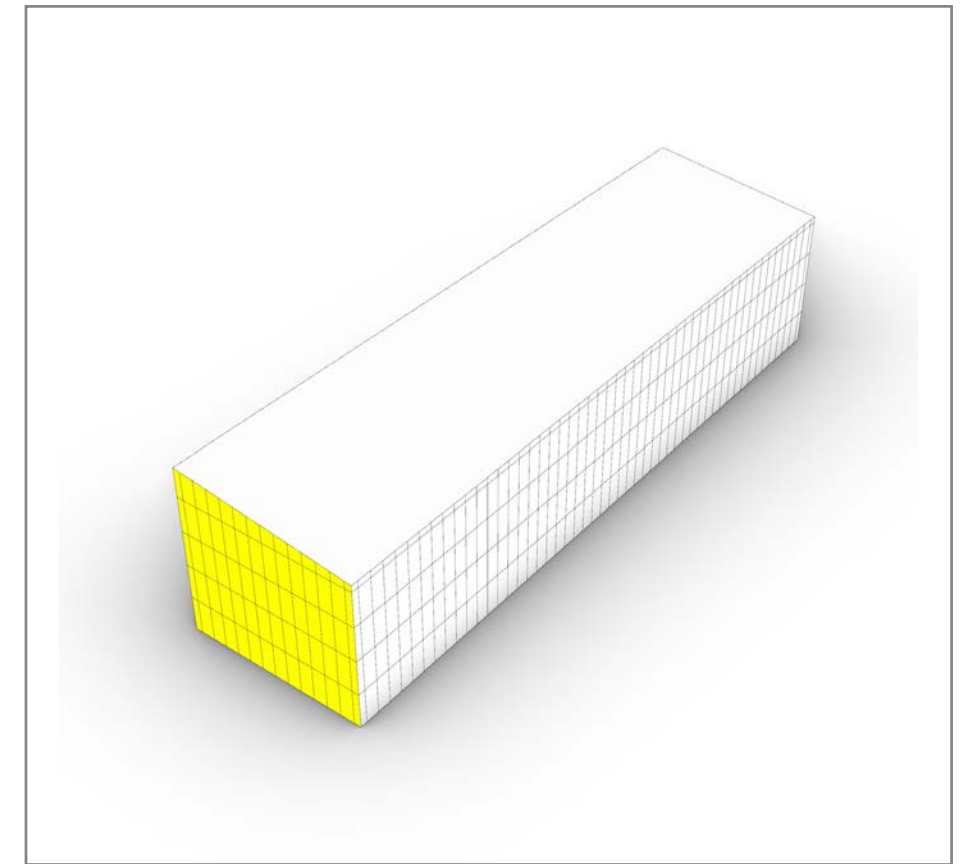
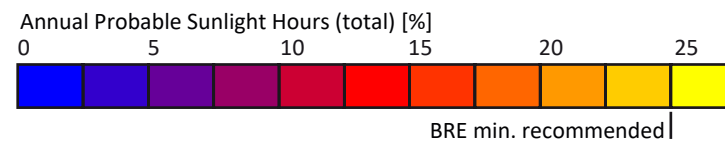
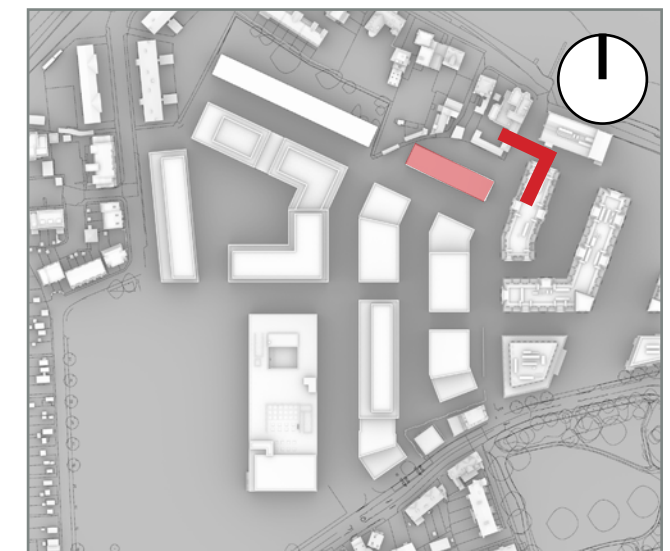
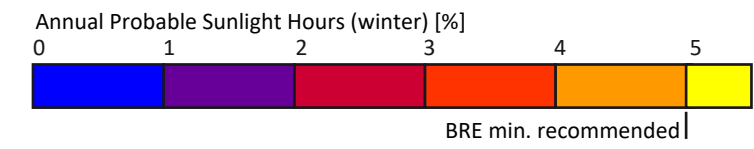


Fig. 3: Annual Probable Sunlight Hours (APSH) - Winter



Site plan



Appendix 4

Sunlight Amenity within the proposal

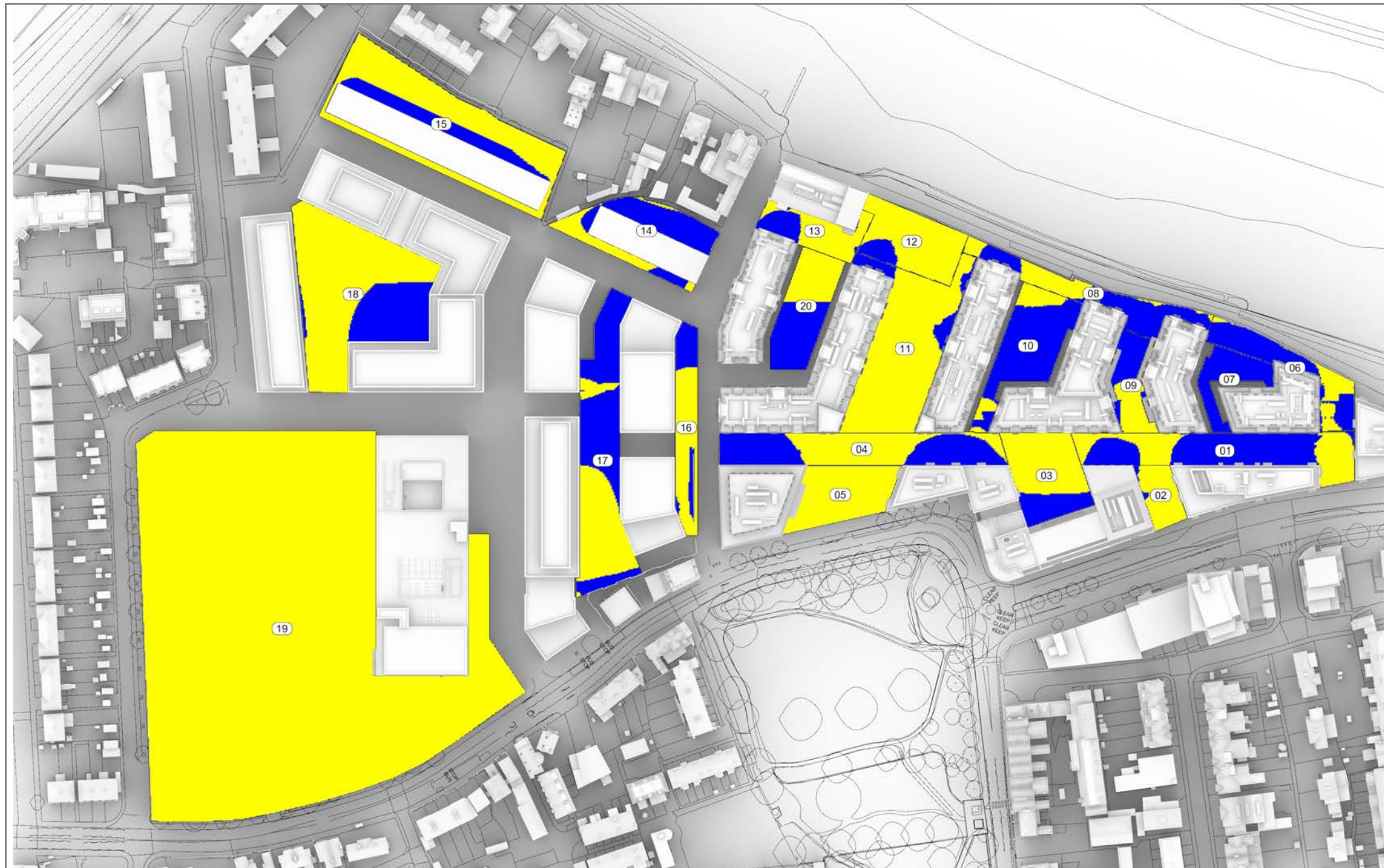


Fig. 1: BRE's Sun-on-Ground

Zone Name	Area (m2)	Sunlit Area* (%)
1	1,698.8	38.9
2	391.5	95.7
3	1,070.6	71.9
4	1,610.6	46.9
5	981.3	100.0
6	805.2	29.4
7	486.6	0.0
8	853.4	36.0
9	523.2	49.4
10	1,159.4	17.4
11	2,243.9	90.5
12	1,005.9	88.0
13	602.7	70.4
14	1,001.3	31.8
15	1,644.1	77.2
16	820.6	70.3
17	2,050.5	43.2
18	2,793.8	74.0
19	17,911.1	100.0
20	943.4	43.1

*Sunlit Area = Area receiving at least 2hrs. of sunlight on 21st March

Table 1: Results

YES BRE's Sun-on-ground
Area seing at least two hours of sunlight

NO Day: 21st March
Latitude: 51.4°N
Effective day length: 10 hours
*Min solar angle 10°
(BR209 3.3.8)



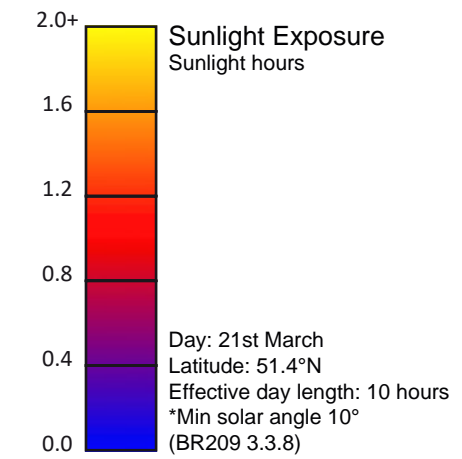
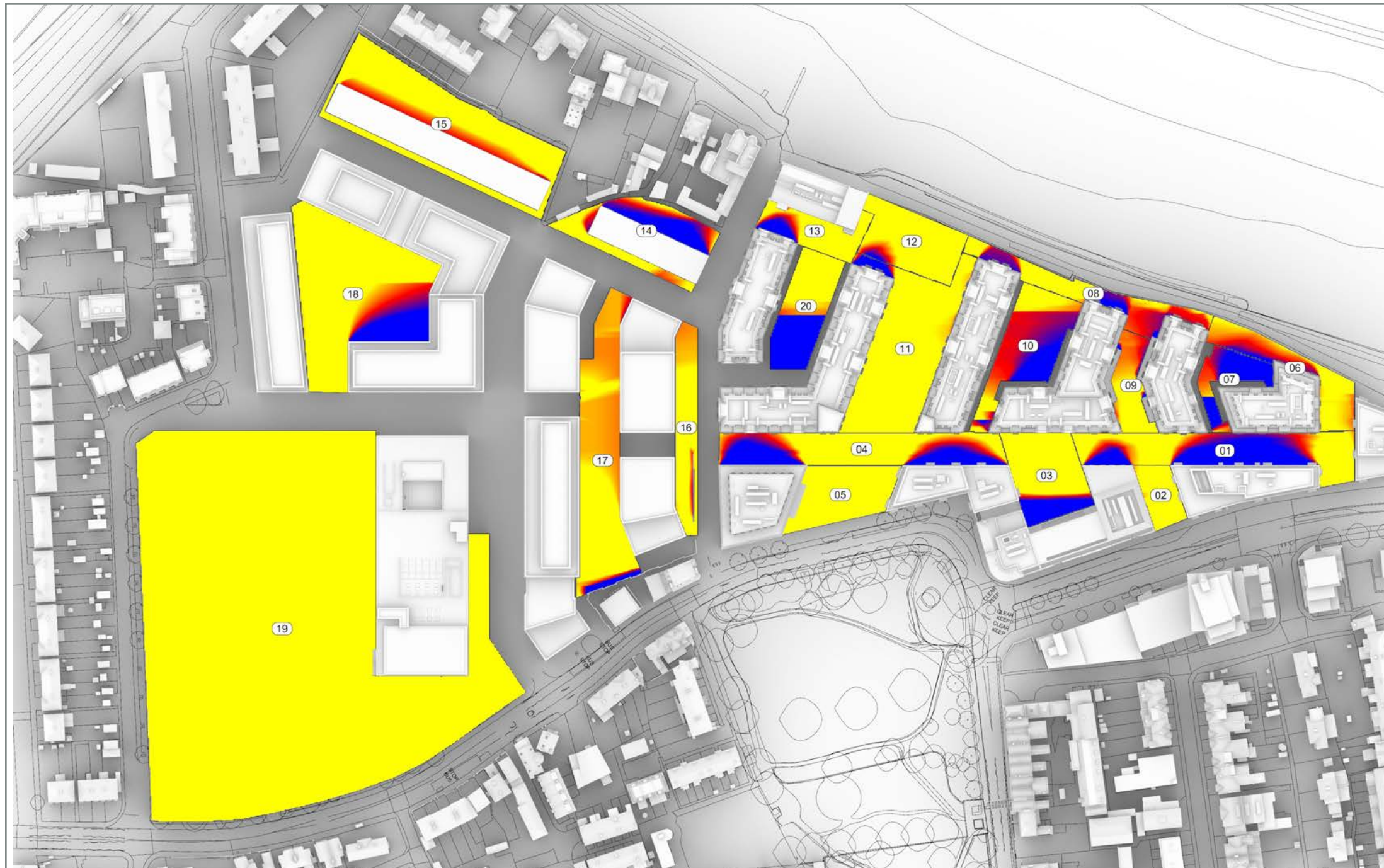


Fig. 2: Sunlight Exposure



Fig. 3: BRE's Sun-on-Ground

Zone Name	Area (m2)	Sunlit Area* (%)
1	1,698.8	94.6
2	391.5	100.0
3	1,070.6	97.3
4	1,610.6	96.2
5	981.3	100.0
6	805.2	99.2
7	486.6	60.6
8	853.4	94.0
9	523.2	79.7
10	1,159.4	70.9
11	2,243.9	99.9
12	1,005.9	99.9
13	602.7	99.7
14	1,001.3	97.9
15	1,644.1	100.0
16	820.6	96.8
17	2,050.5	98.6
18	2,793.8	96.1
19	17,911.1	100.0
20	943.4	96.7

*Sunlit Area = Area receiving at least 2hrs. of sunlight on 21st March

Table 2: Results

BRE's Sun-on-ground
Area seeing at least two hours of sunlight

YES

NO

Day: 21st June
Latitude: 51.4°N
Effective day length: 14 hours
*Min solar angle 10° (BR209 3.3.8)



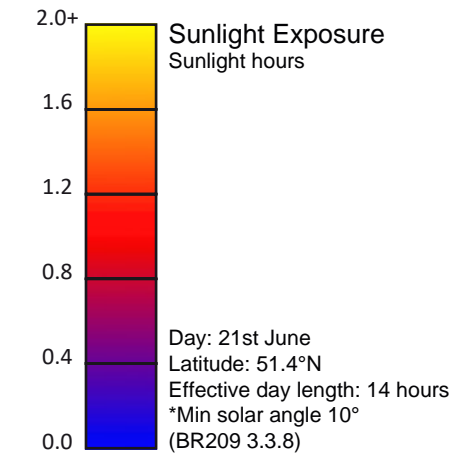


Fig. 4: Sunlight Exposure



Appendix 5

Correspondence from the Department of Education



Department
for Education

Department for Education
Free Schools Capital, 5 Floor
Sanctuary Buildings
Great Smith Street
London
SW1P 3BT
Tel: 0207 340 7000

Email enquiry form:

www.education.gov.uk/help/contactus

09 July 2020

To whom it may concern,

Mortlake Brewery Planning Application

I confirm that the school design contained in the planning application referenced below, currently being considered for Mortlake Brewery, has been approved by the Department for Education:

Description:

Application B: The erection of a three storey building to provide a new secondary school with sixth form; Sports pitch with floodlighting, external MUGA and play space; and associated external works including, landscaping, car and cycle parking, new access routes and associated works.

GLA case number:

4172a

LPA case number:

18/0548/FUL DC/LTH

Yours faithfully,

David Clark

Project Director, Free Schools Capital, Capital Group
Operations Directorate

Sanctuary Buildings (Level 5)
Great Smith Street
Westminster, London SW1P 3BT

Mob: 07769 165324

david.clark@education.gov.uk

www.education.gov.uk

Department for
Education