

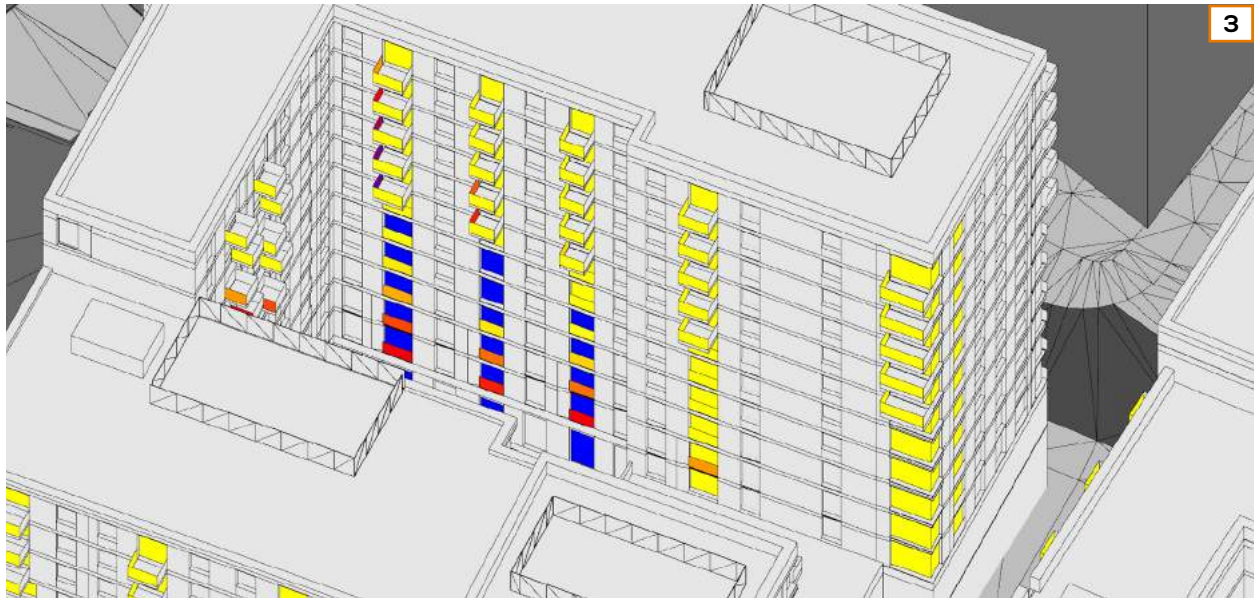
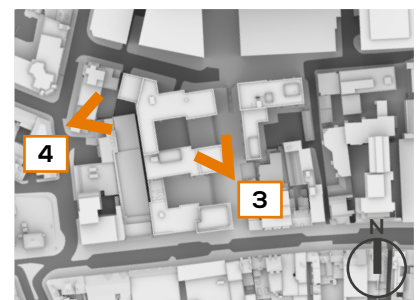
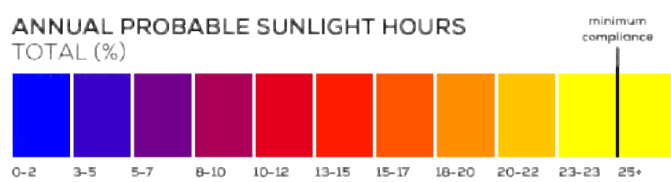


Fig. 41: Annual Probable Sunlight Hours - View 3



Fig. 42: Annual Probable Sunlight Hours - View 4



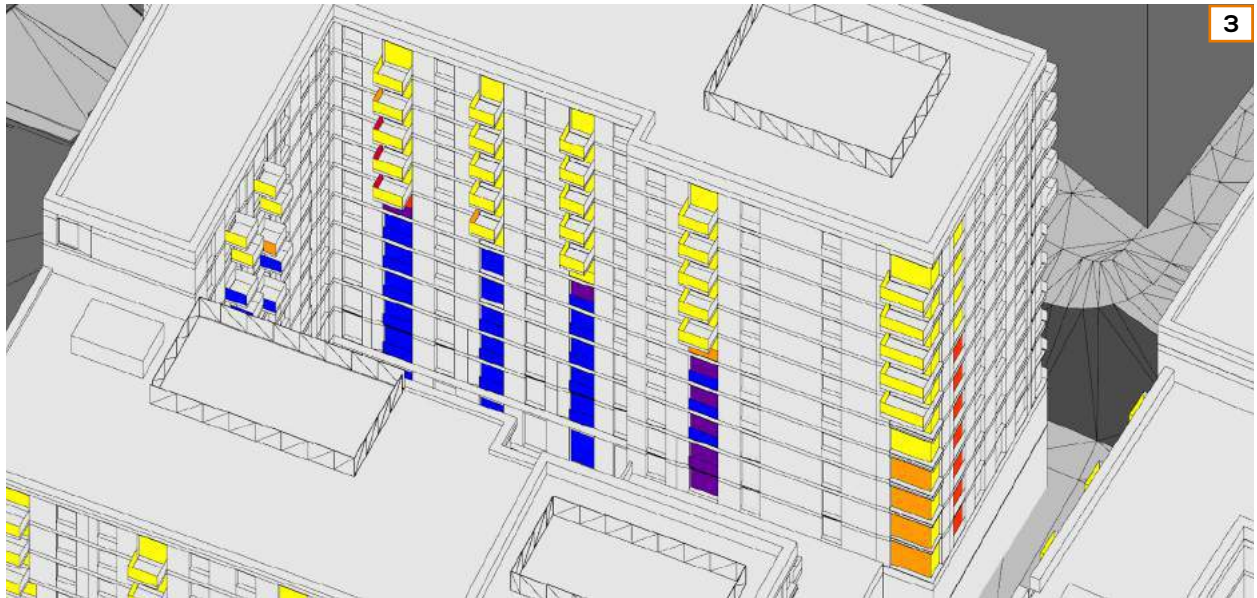


Fig. 43: Winter Probable Sunlight Hours - View 3



Fig. 44: Winter Probable Sunlight Hours - View 4

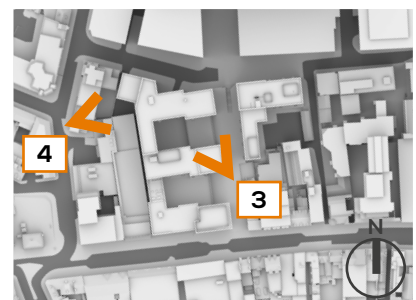
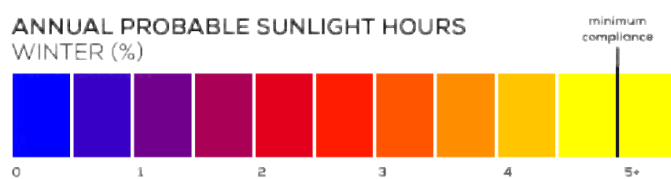




Fig. 45: Annual Probable Sunlight Hours - View 5

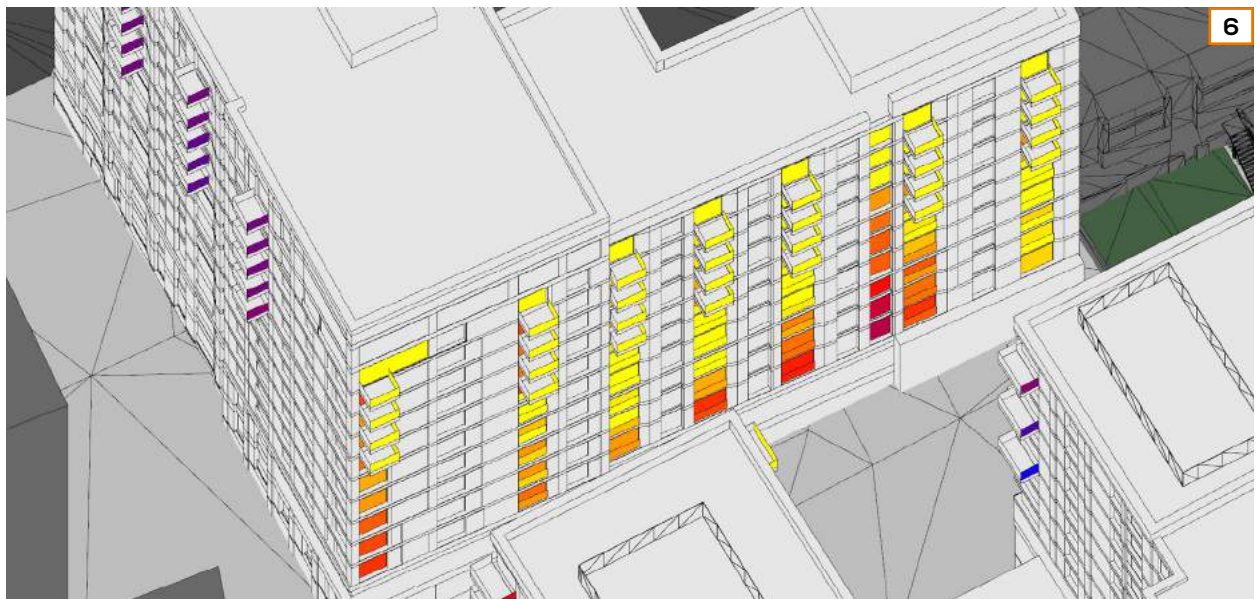


Fig. 46: Annual Probable Sunlight Hours - View 6

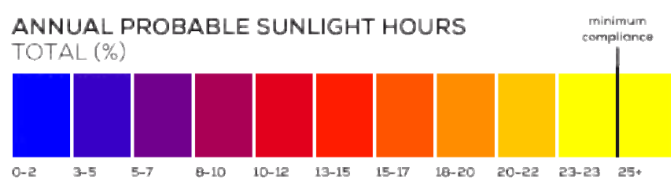




Fig. 47: Winter Probable Sunlight Hours - View 5

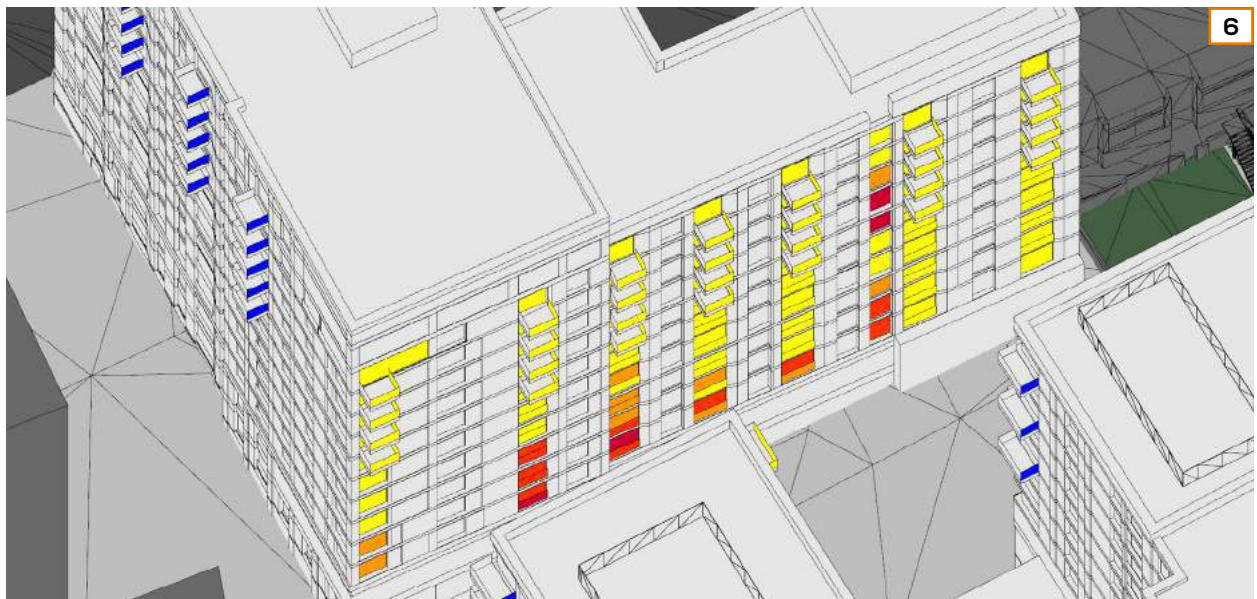
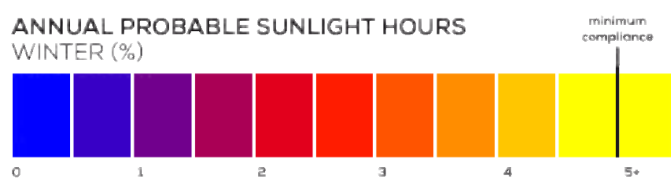


Fig. 48: Winter Probable Sunlight Hours - View 6



## 6 OVERSHADOWING ASSESSMENTS

### OVERSHADOWING ASSESSMENT

SUN HOURS ON GROUND - BRE COMPLIANCE: 31%



(BRE RECOMMENDS 2+ HOURS OF SUNLIGHT ON 21ST MARCH FOR AT LEAST 50% OF THE OPEN SPACE)

**OVERALL COMPLIANCE: 35%**

|                                    |      |
|------------------------------------|------|
| AREA 1 (FRIARS WALK):              | 53%  |
| AREA 2 (PLOT E SOUTH COURTYARD):   | 4%   |
| AREA 3 (PLOT E NORTH COURTYARD 1): | 0%   |
| AREA 4 (PLOT E NORTH COURTYARD 2): | 0%   |
| AREA 5 (PLOT E ROOF TERRACE):      | 100% |
| AREA 6 (PLOT F ROOF TERRACE):      | 94%  |

SUN HOURS ON GROUND



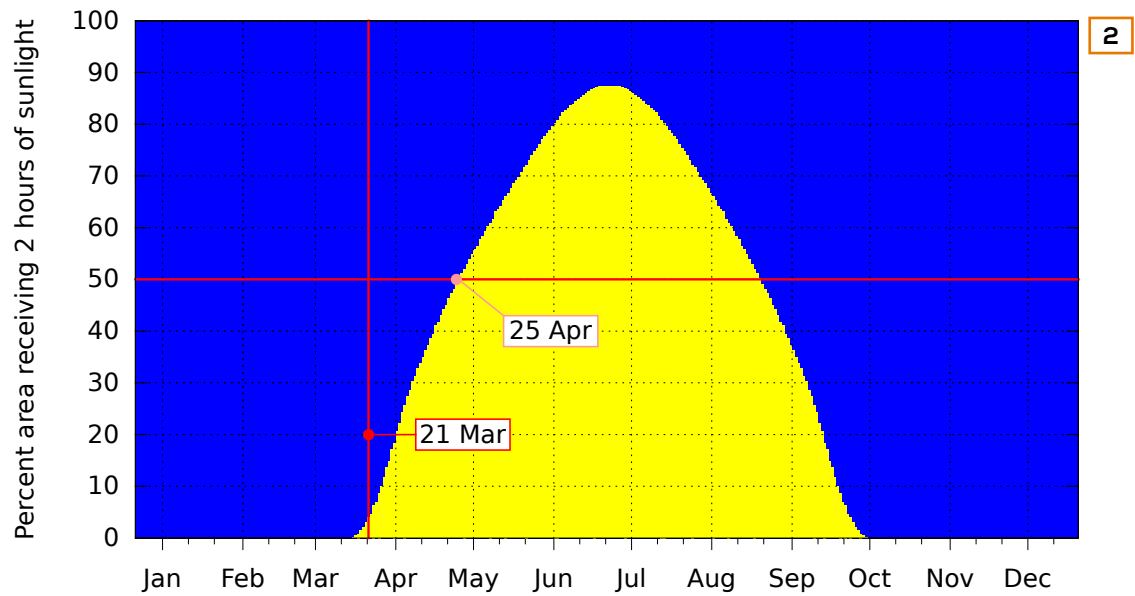


Fig. 49: Sun Hours on Ground - Annual BRE Compliance diagram - Area 2

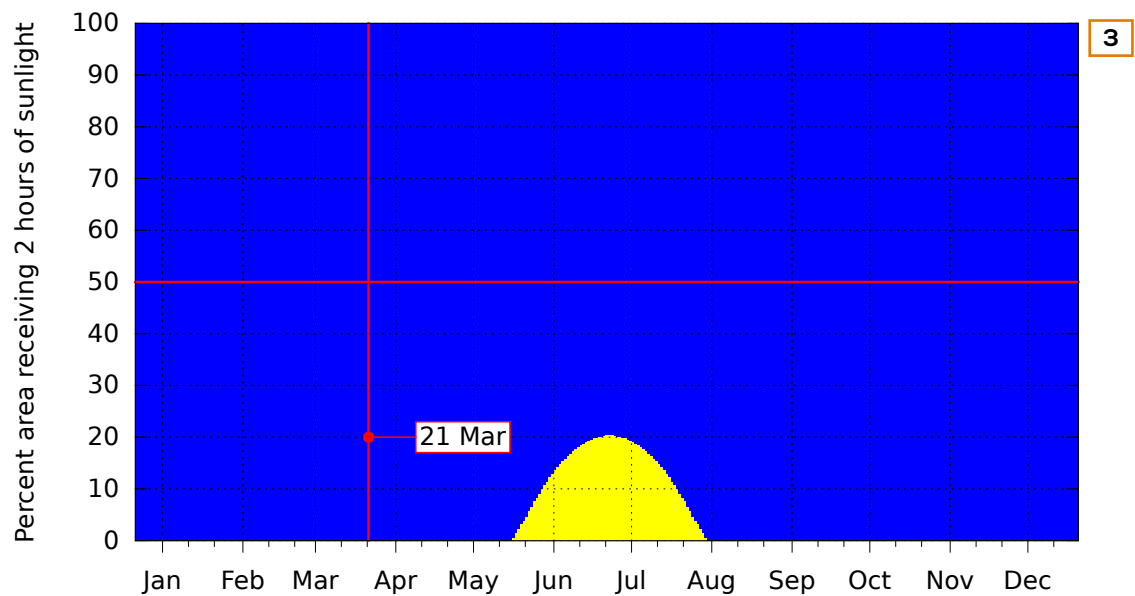


Fig. 50: Sun Hours on Ground - Annual BRE Compliance diagram - Area 3

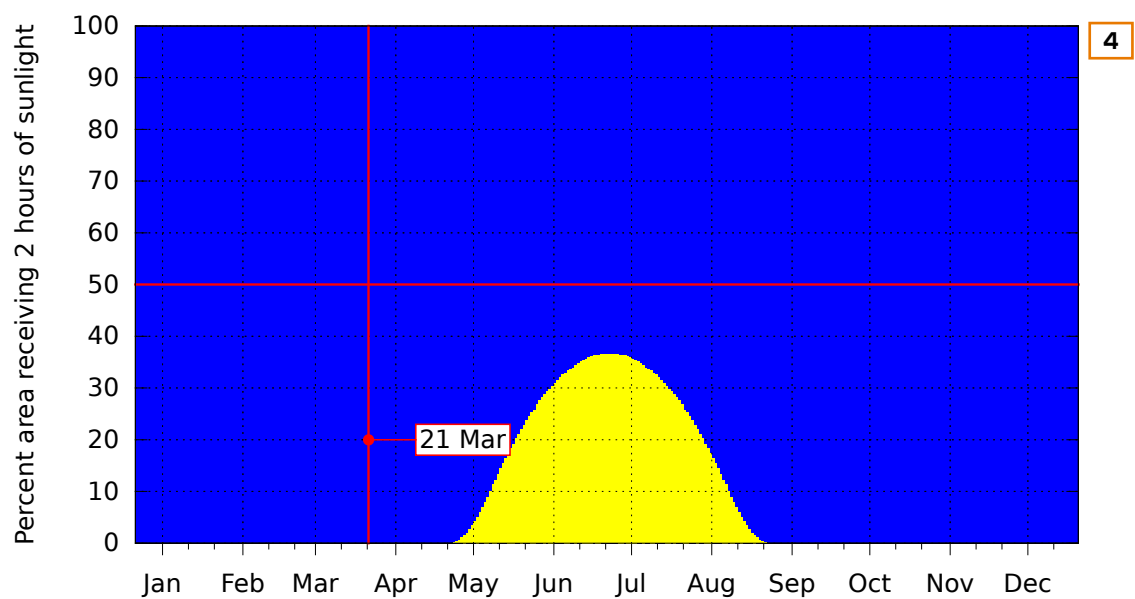
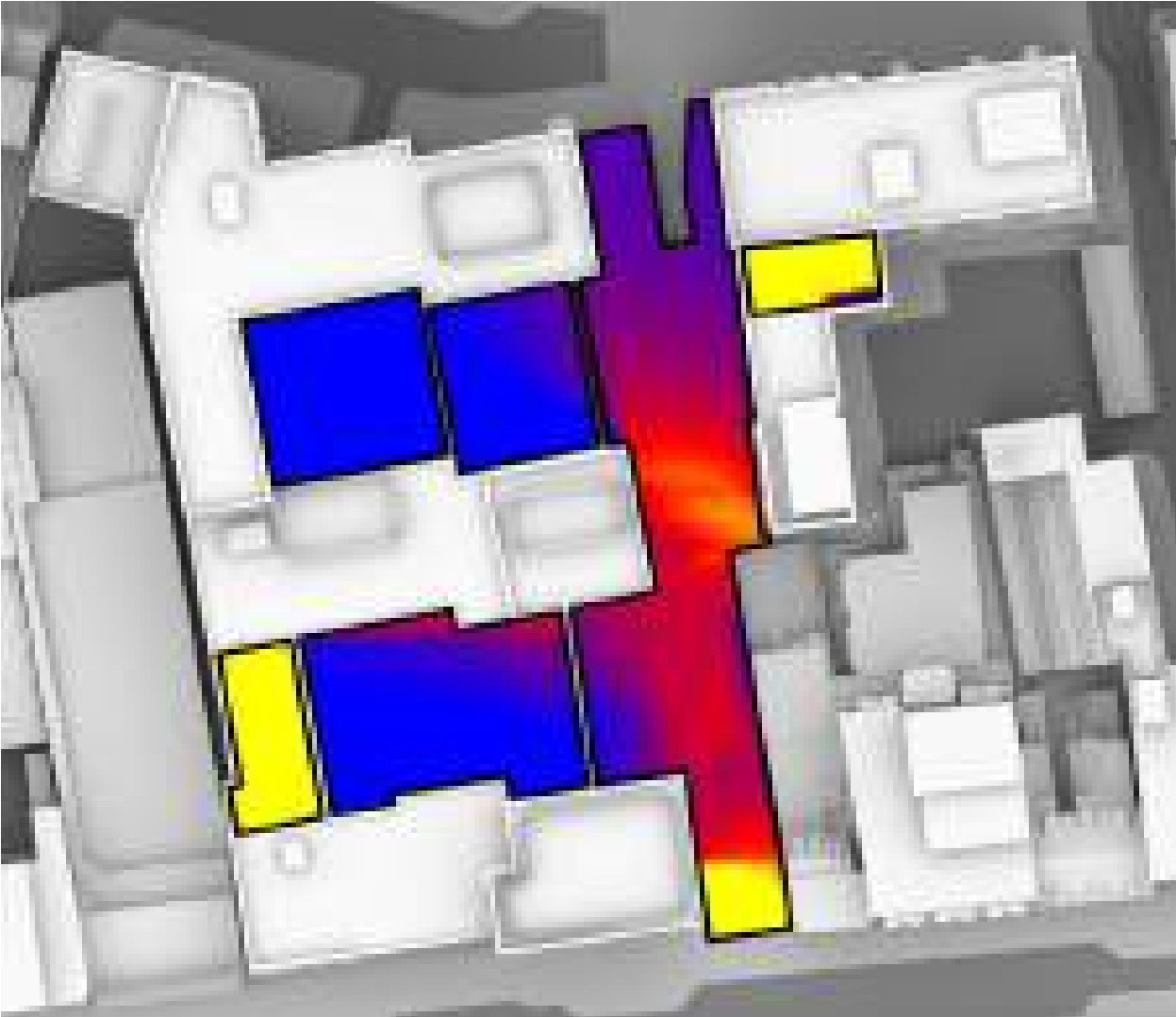
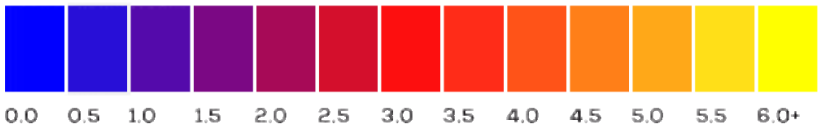


Fig. 51: Sun Hours on Ground - Annual BRE Compliance diagram - Area 4

OVERSHADOWING ASSESSMENT  
SUN EXPOSURE ON GROUND - 21<sup>ST</sup> MARCH



SUN EXPOSURE  
TOTAL HOURS



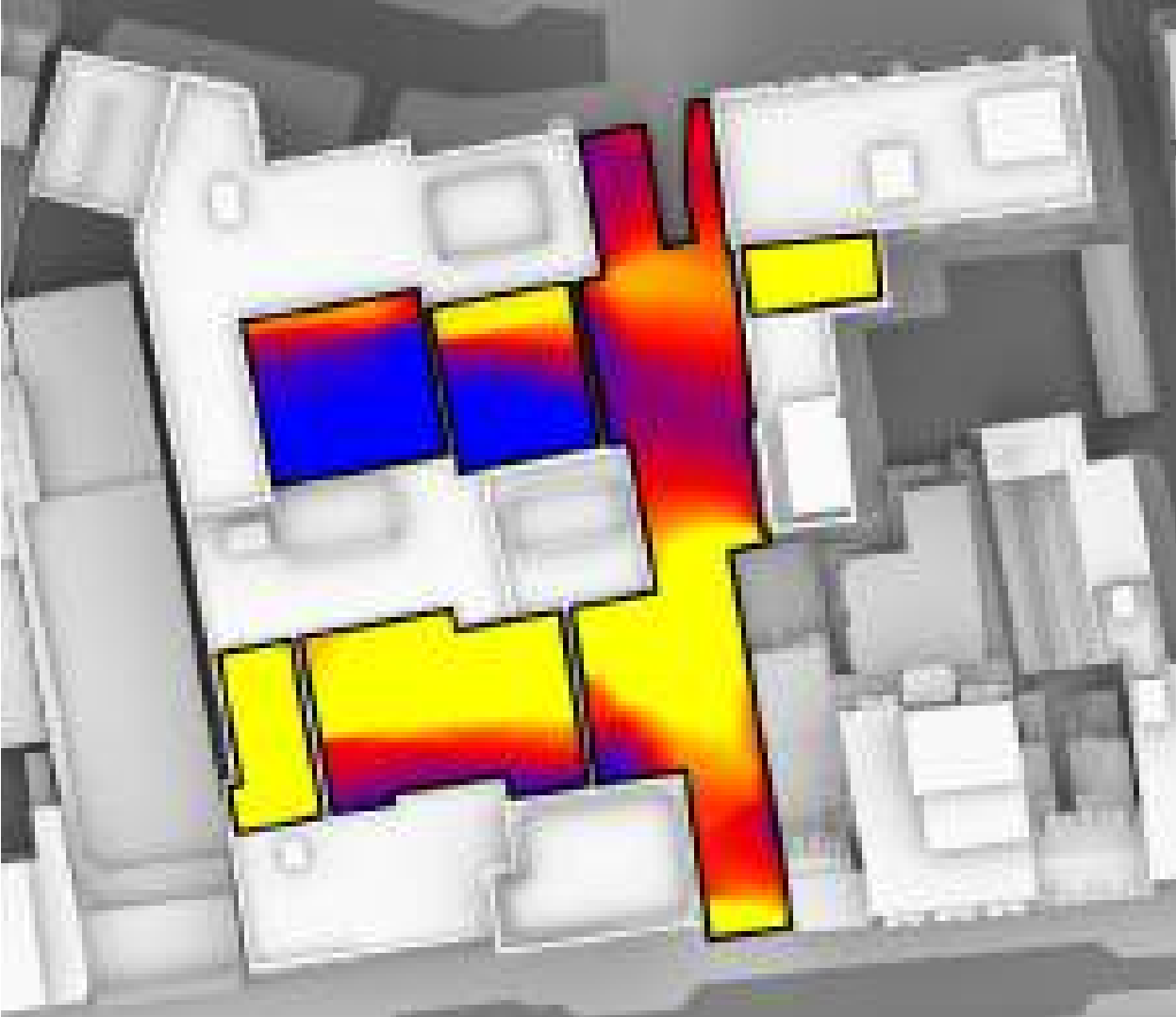
21st MARCH  
(SPRING EQUINOX)

LONDON

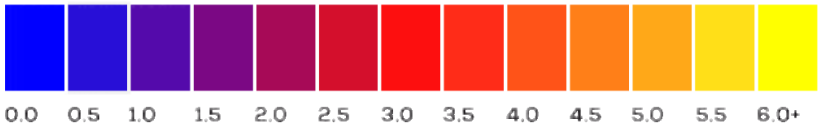
Latitude: 51.4  
Longitude: 0.0  
Sunrise: 06:08 GMT  
Sunset: 18:05 GMT

Total Available  
Sunlight:  
11hrs 57mins

OVERSHADOWING ASSESSMENT  
SUN EXPOSURE ON GROUND - 21<sup>ST</sup> JUNE



SUN EXPOSURE  
TOTAL HOURS



21<sup>st</sup> JUNE  
(SUMMER SOLSTICE)

LONDON

Latitude: 51.4  
Longitude: 0.0  
Sunrise: 03:50 GMT  
Sunset: 20:13 GMT

Total Available  
Sunlight:  
16hrs 23mins



**CUMULATIVE SCENARIO**