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# Daylight & Sunlight Assessments of Parkway Valley LRD, Singland, Co. Limerick.

**Applicant:** **Kirkland Investments**
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# 1. Introduction

## 1.1 Executive Summary

The proposed LRD development at Parkway Valley, Singland, Co. Limerick, comprises 5 no. blocks with a total of 403 no. residential units, ranging from 5 to 8 storeys in height; a medical centre located at the western edge of the site; a creche located at ground level within Block B; and all associated site works and development, as described in statutory notices.

This report assesses the impact of the proposed development for Daylight and Sunlight on the neighbouring buildings and the quality of daylight and sunlight within the proposed development. This analysis is carried out based on the drawings of Reddy Architecture & Urbanism.

The report has been prepared by John Healy, an architectural technologist with a masters in environmental design of buildings and a post graduate diploma in digital media and Ann Canning, an architect with a masters in energy retrofit technologies and a member of the Royal Institute of Architects of Ireland.

John was a Director at Digital Dimensions for 25 years and a Daylight and Sunlight consultant for 15 years following completion of a Masters of Science in Environmental Design of Buildings at Cardiff University. This masters focused on passive design strategies including daylight and sunlight optimisation. Ann is an architect with in excess of 20 year experience, she has consulted with Digital Dimensions for 7 years, on projects relating to daylight and sunlight. Together they worked on an extensive list of projects varying in scale and location from restricted city sites to rural areas, throughout Ireland.

## 1.2 Assessment of Potential Impact to Daylight and Sunlight Availability on Adjacent Properties

### 1.2.1 Daylight to Adjacent Properties

Analysis demonstrated in Section 3 shows that there will be a negligible to imperceptible reduction in daylight in adjacent properties. The proposed development meets the recommendations for daylight in the BRE guidelines BR209:2022.

### 1.2.2 Sunlight to Adjacent Properties

Analysis demonstrated in Section 4 shows that there will be a negligible to imperceptible reduction in sunlight in adjacent dwellings and in adjacent amenity spaces. This is supported by the Shadow Study in Section 8.
The proposed development meets the recommendations for sunlight in the BRE guidelines BR209:2022.

## 1.3 Assessment of the Quality of Daylight and Sunlight within the Proposed Development

The residential units were designed in line with the recommendations of the BRE guidelines BR209:2022. The guidelines clearly state that the targets are recommendations only and flexibility is required when setting and interpreting the targets.

The BRE guidelines BR209:2022 recommends assessment methods set out in BS EN 17037 for daylight provision. BS EN 17037 contains a National Annex which sets out minimum daylight levels to be achieved in the UK and channel Islands. Ireland has a similar latitude and climate to the UK. The UK annex to BS EN 17037 states that the target values set out in EN 17037 Table A1 may be hard to achieve in the UK, it sets alternative minimum values for rooms to dwellings. The minimum illuminance levels set out in BS EN17037:2018+A1:2021 are: Kitchens and living spaces containing a kitchen 200lux (1.3%DF). Living rooms 150lux (1%DF) and bedrooms 100lux (DF0.7%).

The levels set out in the UK annex are used in this assessment, as the primary results to be achieved, because these are referenced in the BRE guidelines BR209:2022, as recommended by the local authority. The BRE guidelines BR209:2022 deals with daylight and sunlight to neighbouring properties and defers to BS EN17037:2018+A1:2021 for daylight and sunlight within the proposed development and allows for a complete assessment of the proposed development and its surroundings. The BRE guidelines BR209:2022 presents a discussion on aspects of daylight and sunlight and interpreting the results of these assessments.

IS EN17037:2018 does not set out any guidance for assessing the impact to daylight and sunlight from a proposed development on neighbouring buildings nor is there any Irish governmental guidance on interpreting results and percentages of units to achieve the target results in multi unit developments. IS EN17037:2018 does not set out room use specific targets but instead designates a Minimum and Target lux level to be achieved in all rooms regardless of use. The function of a room historically has been the key factor in informing the design of a building and the window sizes to allow adequate daylight levels for the task typical to that room to be achieved. The lack of variance in target levels for the tasks typical to a room can lead to substantially oversized windows in rooms with a lower requirement for daylight levels, for example bedrooms. The aim to achieve the minimum target lux level to all rooms in a multi unit residential building is not practical and could lead to overheating of units that have greater access to the sky and sunlight. This could also lead to higher energy usage due to oversized windows and a balance needs to be met.

The results for the Minimum and Target levels set out in Table A1 in IS EN17037:2018 are presented in the assessment as supplementary for completeness, however, conclusions can not be made due to lack of clear guidance on interpenetration of results.

### 1.3.1 Assessment of Daylight in Accordance with BR209:2022 and BS EN 17037:2018+A1:2021

98.3% of the habitable rooms within the proposed development achieve the target values set out in BS EN 17037:2018+A1:2021 Table NA1. These are the minimum values, per specified use, to be achieved in habitable rooms and they meet the recommendations of the BRE guidelines BR209:2022.

In the 963 no. rooms assessed, there are reduced levels of daylight provision in 16 no. rooms. Compensatory measures are itemised in Section 1.5 below. Daylight levels were cross checked with a future masterplan development to the north, included in the model. The percentage achieving minimum daylight provision do not change.

### 1.3.2 Sunlight within the Proposed Development

This scheme is well designed for sunlight, with 80.4% of units meeting the minimum recommended 1.5 direct sunlight hours. This is in line with the BRE guideline example for an apartment layout where 4 in 5 (i.e. 80%) achieves the target sunlight hours.

All proposed public and communal amenity spaces achieve sunlight levels that exceed 2 hours sunlight over 50% of the required amenity space on the 21st March.

The proposed development meets the recommendations for sunlight in the BRE guidelines BR209:2022.

### 1.4 Supplementary Information - Assessment of Daylight in Accordance with IS EN 17037:2018+A1:2021

To date there is no guidance from governmental bodies on the use or interpretation of IS EN 17037:2018+A1:2021. National policy documents and local authorities guidelines refer to the BRE guidelines BR209 2022, which in turn references BS EN 17037.

BS EN 17037:2018 is the same as IS EN 17037:2018; the difference is in the annex. The UK annex gives room specific values for dwellings. The assessment against IS EN 17037:2018+A1:2021 is included as supplementary information only; the levels are for any type of building; they do not take into account room use or make allowance for rooms that have a lesser requirement for daylight. Due to this limitation, it is considered the recommendations made in the BRE guidelines BR209:2022 and are more appropriate.

IS EN 17037:2018+A1:2021 sets out values for target illuminance, minimum target illuminance and fractions of reference plane to be achieved. The results of this assessment indicate a high level of daylight provision, with 97.4% of rooms achieving Minimum Illuminance and 88.7% achieving Target Illuminance. The rooms will be bright and pleasant spaces. Appendix B identifies any rooms which do not achieve minimum illuminance and target illuminance levels.

### 1.5 Conclusions & Compensatory Measures

Overall the design team worked in response to the context to ensure the proposed development performs with regards to achieving the best possible daylight and sunlight quality. 98.3% of habitable rooms meet the minimum standard for daylight provision as per BS EN 17037:2018+A1:2021 as referred to in the BRE guidelines BR209:2022. It is acknowledged that not all units fully comply with the target recommendations. It is noted that where a scheme cannot fully meet all of the daylight / sunlight recommendations, that a degree of flexibility is allowed for, as recognised in Section 3.2 of the Urban Development and Building Heights: Guidelines for Planning Authorities (2018) which states:

> *"Where a proposal may not be able to fully meet all the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, in respect of which the planning authority or An Bord Pleanála should apply their discretion, having regard to local factors including specific site constraints and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution."*

The Sustainable Residential Development and Compact Settlements Guidelines for Planning Authorities identify that the provision of acceptable levels of daylight in new residential developments is an important planning consideration. They also acknowledge that consideration of acceptable levels of daylight on scheme may need to be considered in the context of other important development considerations at a site, in particular achieving increased scales of development in urban locations. The Guidelines state:

> *"In drawing conclusions in relation to daylight performance, planning authorities must weigh up the overall quality of the design and layout of the scheme and the measures proposed to maximise daylight provision, against the location of the site and the general presumption in favour of increased scales of urban residential development. Poor performance may arise due to design constraints associated with the site or location and there is a need to balance that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution."*

In this regard there are a number of site specific considerations that are relevant for a balanced consideration of acceptable daylight levels in this case:

- This is a strategic site in a highly accessible location where achievement of higher densities is in accordance with local statutory planning objectives and strategic national policy for compact growth.
- Blocks C and D are located at a point in the site where the separation distances between the blocks are constrained to the west by a scheme objective to reuse an existing retaining wall in place on the site and to the east by overhead electricity transmission lines. Within this site constraint Block C and D have been laid out on north south generally to maximise the achievement of daylight in the greatest number of units.
- The units which fall below the recommended daylight level have additional enhanced amenity provision in other ways. (see Table 1.A below).
- Of a net residential site area of 3.08ha within this application site, 1.18ha of public / communal open space is proposed, i.e. 19% of net residential site area.
- The site is adjacent to the Goody Valley Green Wedge an important open ecological corridor which will remain free of development in the future.

**Compensatory Measures per Unit with Lower Levels of Daylight Provision**

| UNIT | | AREA | | | | LIVINGROOM | | PRIVATE AMENITY | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Space ID | Description | Area m2 | Area Provided | Percentage Oversized | LKD | Recommended Width of Livingroom | Provided Width of Livingroom | Private Amenity Area Required | Area Provided | Location | Percentage Oversized |
| | | m2 | m2 | % | m2 | m | m | m2 | m2 | | % |
| Block A | | | | | | | | | | | |
| A.L00.02 | 1 Bed | 45 | 70 | 56% | 38.8 | 3.3 | 4.2 | 5 | 10 | Garden | 100% |
| Block B | | | | | | | | | | | |
| B.L00.02 | 1 Bed | 45 | 70 | 56% | 38.8 | 3.3 | 4.2 | 5 | 10 | Garden | 100% |
| B.L00.03 | 1 Bed | 45 | 53 | 18% | 26.8 | 3.3 | 3.3 | 5 | 10 | Garden | 100% |
| Block C | | | | | | | | | | | |
| C.L00.04 | 1 Bed | 45 | 46 | 2% | 22.7 | 3.3 | 3.3 | 5 | 10 | Garden | 100% |
| C.L00.06 | 1 Bed | 45 | 46 | 2% | 22.7 | 3.3 | 3.3 | 5 | 10 | Garden | 100% |
| C.L01.06 | 2 Bed(3p) | 63 | 66 | 5% | 32.6 | 3.6 | 3.8 | 6 | 6 | Balcony | 0% |
| C.L01.09 | 1 Bed | 45 | 46 | 2% | 22.7 | 3.3 | 3.3 | 5 | 6 | Balcony | 20% |
| C.L01.11 | 1 Bed | 45 | 51 | 13% | 27.7 | 3.3 | 3.8 | 5 | 6 | Balcony | 20% |
| C.L02.06 | 2 Bed(3p) | 63 | 66 | 5% | 32.6 | 3.6 | 3.8 | 6 | 6 | Balcony | 0% |
| Block D | | | | | | | | | | | |
| D.L00.02 | 1 Bed | 45 | 53 | 18% | 26.8 | 3.3 | 3.3 | 5 | 10 | Garden | 100% |
| D.L00.03 | 1 Bed | 45 | 53 | 18% | 26.8 | 3.3 | 3.3 | 5 | 10 | Garden | 100% |
| D.L00.04 | 1 Bed | 45 | 53 | 18% | 26.8 | 3.3 | 3.3 | 5 | 10 | Garden | 100% |
| D.L00.05 | 1 Bed | 45 | 59 | 31% | 31.9 | 3.3 | 3.8 | 5 | 10 | Garden | 100% |
| D.L01.06 | 2 Bed(3p) | 63 | 66 | 5% | 32.6 | 3.6 | 3.8 | 6 | 7 | Balcony | 17% |
| D.L01.08 | 1 Bed | 45 | 46 | 2% | 22.7 | 3.3 | 3.3 | 5 | 6 | Balcony | 20% |
| D.L02.06 | 2 Bed(3p) | 63 | 65 | 3% | 32.6 | 3.6 | 3.8 | 6 | 6 | Balcony | 0% |
| | | | | | | | | | | | |
| Number of units in excess of 10% oversized | | | | 8 no. | | | | | | | 13 no. |

**Table 1.A - Compensatory Measures Per Unit**

# 2. Methodology

## 2.1 Standards and Guidelines

Ministerial guidance is provided in Sustainable Residential Development and Compact Settlements: Guidelines for Planning Authorities (2024) Section 5.3.7(b).

> *"In cases where a technical assessment of daylight performance is considered by the planning authority to be necessary regard should be had to quantitative performance approaches to daylight provision outlined in guides like A New European Standard for Daylighting in Buildings IS EN17037:2018, UK National Annex BS EN17037:2019 and the associated BRE Guide 209 2022 Edition (June 2022), or any relevant future standards or guidance specific to the Irish context."*

The Daylight and Sunlight assessments included in this report demonstrates the level of compliance with these three documents:

- BR209:2022 Site Layout Planning for Daylight and Sunlight (third edition), also referred to as the BRE guidelines.
- BS EN 17037:2018+A1:2021 Daylight in Buildings, also referred to as the UK Annex.
- IS EN 17037:2018+A1:2021 Daylight in Buildings.

## 2.2 BRE Guidance Document BR209:2022 Site Layout Planning for Daylight and Sunlight (third edition)

In its opening summary, the BRE guidelines BR209:2022 states that the report *"is purely advisory and the numerical target values within it may be varied to meet the needs of the development and its location."* The recommendations of the BRE guidelines BR209:2022 are not suitable for rigid application to all developments in all contexts. This is of particular importance in the context of national and local policies for the consolidation and densification of urban areas.

The BRE guidelines BR209:2022 sets out the assessment metrics to be applied when assessing the potential impact of a development on the daylight and sunlight of neighbouring properties. This is broadly in line with the previous version of the BRE guidelines (2011). The metrics for assessing impact to neighbouring buildings for Daylight is the Vertical Sky Component (VSC) and Sunlight is the Annual Probable Sunlight Hours (APSH). Sunlight to neighbouring amenity space is assessed through the measurement of sunlight availability on the 21st March and the plotting of shadow diagrams.

When assessing the quality of interior spaces in proposed developments, the BRE guidelines BR209:2022 Appendix C states; *"The guidance contained in this publication is intended to be used with BS EN 17037 and its UK National Annex."* The BRE guidelines BR209:2022 also states in Section 1.7 that *"The guidance here is intended for use in the United Kingdom and in the Republic of Ireland, though recommendations in the Irish Standard IS EN 17037 may vary from those in BS EN17037."*

## 2.3 Daylight in Buildings EN 17037:2018

EN 17037 is a unified daylighting standard published by the European Committee for Standardization (CEN) in 2018. It is applicable across all countries within the EU including Ireland, with the Irish edition IS EN17037:2018. The standard is enacted in Britain under BS EN 17037:2018+A1:2021 with a UK National Annex for regional assessments. The daylight and sunlight assessment methods for internal daylight and sunlight provision are common to both the Irish standard and the UK version. The EN17037:2018 standard deals exclusively with new developments and does not give guidance or metrics on loss of light or sunlight to existing properties.

The UK National Annex (NA) provides further recommendations for daylight provision in the UK and Channel Islands. The annex states that the daylight target levels in EN 17037:2018 Clause A.2 may be hard to achieve in buildings in the UK, in particular dwellings in urban areas with significant obstructions or tall trees outside. The UK annex sets out minimum daylight provision to be achieved in UK dwellings. Table NA.1 sets out room specific minimum values to be achieved in the UK and Channel Islands. All the rooms achieve the minimum DF factor levels set out in A1 for Bedrooms (DF0.7%), Living Rooms (1%DF) and Kitchens and Living Spaces containing a Kitchen(1.3%). The Daylight Factor percentage values are derived from minimum room specific illuminance levels set out in NA+1 and the Median External Diffuse Illuminance ($E_{v,d,med}$ ) for Dublin from Table A.3 EN17037:2018. The illuminance levels and corresponding DF% are given in Table 5 below.

## 2.4 Daylight to Existing Buildings

BRE guidelines BR209:2022 Section 2.2.2 sets out which rooms need to be assessed for daylight.

> *"The guidelines here are intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms. Windows to bathrooms, toilets, storerooms, circulation areas and garages need not be analysed. The guidelines may also be applied to any existing non-domestic building where the occupants have a reasonable expectation of daylight; this would normally include schools, hospitals, hotels and hostels, small workshops and some offices."*

A proposed development could potentially have a negative effect on the level of daylight that a neighbouring property receives, if the obstructing building is large in relation to its distance from the existing dwelling. BRE guidelines BR209:2022 Section 2.2.4 states that *"Loss of light to existing windows need not be assessed if the distance of each part of the new development from the existing window is three or more times its height above the centre of the existing window.*" In this report, we refer to this as the 'zone of influence'.

BRE guidelines BR209:2022 Section 2.2.23 states; *"If any part of a new building or extension, measured in a vertical section perpendicular to a main window wall of an existing building, from the centre of the lowest window, subtends an angle of more than 25° to the horizontal, then the diffuse daylighting of the existing building may be adversely affected*."

If a window falls within a 45° angle both in plan and elevation with a new development in place, the window may be affected and should be assessed.

For loss of daylight the BRE guidelines BR209:2022 recommends calculation of the Vertical Sky Component. VSC can be defined as the amount of skylight that falls on a vertical window. It is the ratio of direct sky illuminance falling on the outside window, to the simultaneous horizontal illuminance under an unobstructed sky. The standard CIE Overcast Sky is used; the ratio is usually expressed as a percentage. The maximum value is just under 40% for a completely unobstructed vertical wall. The VSC of a window is a good measure of the amount of daylight entering it.

The BRE guidelines BR209:2022 recommend one of two criteria is met when assessing for the Vertical Sky Component;

a) Where the Vertical Sky Component at the centre of the existing window exceeds 27% with the new development in place then enough sky light should still be reached by the existing window.

b) Where the Vertical Sky Component with the new development in place is both less than 27% and less than 0.8 times its former value, then the area lit by the window is likely to appear more gloomy, and electric light will be needed more of the time.

The BRE guidelines BR209:2022 state that if the VSC is:

- At least 27%, then conventional window design will usually give reasonable results;
- Between 15% and 27%, then special measures (larger windows, changes to room layout) are usually needed to provide adequate daylight;
- Between 5% and 15%, then it is very difficult to prove adequate daylight unless very large windows are used;
- Less than 5%, then it is often impossible to achieve reasonable daylight, even if the whole window wall is glazed

This report assesses the percentage of direct sky illuminance that falls on the centre point of neighbouring windows that could be affected by the proposed development through the Vertical Sky Component (VSC) as per the methodologies contained in the BRE guidelines BR209:2022.

### 2.5 Sunlight to Existing Buildings

The BRE guidelines BR209:2022 recommend assessing the main living rooms and conservatories if they have a window wall facing within 90° of due south. Kitchens and bedrooms are less important but care should be taken not to block too much sun. If the proposed development is fully north of the existing window then sunlight need not be assessed.

The Annual Probable Sunlight Hours (APSH) is used to assess the quantity of sunlight for a given location. This is the total amount of sunshine for a given location on an unobstructed horizontal surface taking cloud cover into account. Statistical data from the Irish Meteorological Service is used to assess the APSH and the Winter Probable Sunlight Hours (taken to fall between the 21st of September and the 21st of March).

Table 1 below shows the average sunlight hours for each month and the maximum possible without any cloud cover. This gives the factor of possible sunlight hours for each month.

| Met Éireann Sunlight Hours Data Set 1991-2020 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec | Total |
| Average Sunlight Hours/ Day | 1:54 | 2:54 | 3:42 | 5:24 | 6:24 | 6:00 | 5:17 | 5:00 | 4:24 | 3:24 | 2:24 | 1:42 | |
| Average Sunlight Hours/ Month | 58:54 | 81:12 | 114:42 | 162:00 | 198:24 | 180:00 | 163:47 | 155:00 | 132:00 | 105:24 | 72:00 | 52:42 | 1449.1 |
| Total Available Sunlight Hours | 252 | 265 | 358 | 412 | 483 | 485 | 496 | 451 | 375 | 320 | 250 | 236 | 4383 |
| Probable Sunlight Hours Ratio | 23.4% | 30.6% | 32.9% | 39.3% | 41.1% | 37.1% | 33.0% | 34.4% | 35.2% | 32.9% | 16.8% | 22.3% | 33.1% |

**Table 1: Average monthly sunlight hours recorded at Dublin Airport - Data set 1991-2020**

The BRE guidelines BR209:2022 recommend that the centre of a window or 1.6m above ground for a door be assessed and it should receive at least 25% of the APSH and it should receive at least 5% WPSH. If the available APSH is less than this, then it should not be reduced below 0.8 times its former value or noticeable loss of sunlight may occur.

### 2.6 Sunlight to Gardens and Open Spaces

For calculations of sunlight analysis it is general practice to use March 21st. The BRE guidelines BR209:2022 states:

*"It is recommended that for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on 21 March. If as a result of new development an existing garden or amenity area does not meet the above, and the area which can receive two hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable. If a detailed calculation cannot be carried out, it is recommended that the centre of the area should receive at least two hours of sunlight on 21 March."*

## 2.7 BRE guidelines BR209:2022 Appendix G: Calculations of Trees & Hedges

Trees are not usually included in the assessments of impact on neighbouring properties, unless specified otherwise. In relation to the effects of trees and hedges the BRE guidelines BR209:2022 Section G1.2 states;

> *"It is generally more difficult to calculate the effects of trees on daylight because of their irregular shape and because some light will generally penetrate through the crown. Where the effects of a new building on existing buildings nearby is being analysed, it is usual to ignore the effects of existing trees. This is because daylight is at its scarcest and most valuable in winter when most trees will not be in leaf."*

The BRE guidelines BR209:2022 recommends that sometimes trees should be taken into account for the proposed development where the new development is proposed near large existing trees. This needs to be done by modelling a representative of the existing trees. Reflectance and transparency should be taken into account. Table G1 in BR209:2022 gives values for transparencies of tree crowns in summer and winter for deciduous trees, dense evergreen can be assessed as opaque. Table G2 gives general reflectance values for shades of trees.

## 2.8 BRE guidelines BR209:2022 Appendix H: Environmental Impact Assessment

The BRE guidelines sets out criteria for classification for assessment of impact where a new development affects a number of existing buildings or open spaces in relation to an Environmental Impact Assessment. The guide does not give a specific range or percentages but sets out parameters as set out below.

> *"Where the loss of skylight or sunlight fully meets the guidelines in this book, the impact is assessed as negligible or minor adverse. Where the loss of light is well within the guidelines, or only a small number of windows or limited area of open space lose light (within the guidelines), a classification of negligible impact is more appropriate. Where the loss of light is only just within the guidelines, and a larger number of windows or open space area are affected, a minor adverse impact would be more appropriate, especially if there is a particularly strong requirement for daylight and sunlight in the affected building or open space.*
>
> *Where the loss of skylight or sunlight does not meet the guidelines in this book, the impact is assessed as minor, moderate or major adverse. Factors tending towards a minor adverse impact include:*
> - *only a small number of windows or limited area of open space are affected*
> - *the loss of light is only marginally outside the guidelines*
> - *an affected room has other sources of skylight or sunlight*
> - *the affected building or open space only has a low level requirement for skylight or sunlight*
> - *there are particular reasons why an alternative, less stringent, guideline should be applied.*
>
> *Factors tending towards a major adverse impact include:*
> - *a large number of windows or large area of open space are affected*
> - *the loss of light is substantially outside the guidelines*
> - *all the windows in a particular property are affected*
> - *the affected indoor or outdoor spaces have a particularly strong requirement for skylight or sunlight, e.g. a living room in a dwelling or a children's playground.*
>
> *Beneficial impacts occur when there is a significant increase in the amount of skylight and sunlight reaching an existing building where it is required, or in the amount of sunlight reaching an open space. Beneficial impacts should be worked out using the same principles as adverse impacts. Thus a tiny increase in light would be classified as a negligible impact, not a minor beneficial impact."*

The BRE guidelines does not set out a specific value range for the different classification of impact level of Minor, Moderate and Major to each window. For the purpose of this report one of five classification levels will be applied:

| | |
|---|---|
| Imperceptible: | There is no reduction in the VSC levels or where the levels are 95% of the existing value. |
| Negligible: | A reduction in the VSC level but it retains a VSC >27% or <27% but >80% of the existing value. |
| Minor reduction: | VSC below 27% but greater than 20%, or ratio greater than 65% of the existing value. |
| Moderate reduction: | VSC below 20% but greater than 10%, or ratio greater that 50% of the existing value. |
| Major reduction: | VSC below 10% or ratio less than 50% of the existing value. |

A flexible approach should be taken when assessing the impact with daylight and sunlight being one of many factors that influence the environment when planning a new development. The evaluation of the impact should be considered in conjunction with other factors when determining the overall impact level to a property.

## 2.9 Assessment Model Parameters

The BRE guidelines BR209:2022 recommends surface reflectances should represent real conditions and where reflectance values have not been measured or specified default values are set out in Table C4 of the guidance document. The surface reflectances have been specified and are set out in Table 2 below. This table also shows the input values for material used and additional assessment model input parameters.

| Input Values for Assessment Model | | | |
|---|---|---|---|
| Surface Reflectance | | | |
| Element | Reflectance | Transmittance | Material Description |
| Internal walls | 80% | 0% | White Painted Walls |
| Internal ceiling | 80% | 0% | White Painted Ceiling |
| Floor - light wood | 40% | 0% | Light wood Flooring |
| External walls - proposed development | 50% | 0% | Brick |
| External walls - outside site | 50% | 0% | CIBSE |
| External ground | 20% | 0% | CIBSE |
| Glass | | 68% | Triple glazed clear glass |
| Maintenance Factor for Glass | | Assessment Plane | |
| Suburban Vertical no overhang | 0.96 | Sensor Grid spacing | 0.3m |
| Suburban Vertical sheltered by balcony or overhang | 0.88 | Sensor grid inset | 0.35m |
| Framing Factor:  Patio Doors | 0.77 | Minimum inset | 0.3m |
| | | Work plane offset | 0.85m |

**Table 2: Surface reflectance parameters and input values for model calculations**

## 2.10 Daylight in the Proposed Development.

The BRE guidelines BR209:2022 Appendix C sets out interior daylight recommendations, it states; “BS EN 17037 supersedes BS8206 Part 2 ‘Code of practice for daylighting’.

BS EN 17037 sets out two methods for assessing daylight provision in proposed buildings. One method is called the **Illuminance method.** This is based on Target illuminances for daylight to be achieved across specified fractions of a reference plane at working plane height (0.85m) for half the daylight hours in a year. The Illuminance Method requires the use of a suitable weather file with local climate conditions and takes into account the orientation of the space.

The alternative method is called the **Daylight Factor Method.** This method is based on calculating the daylight factors achieved over specific fractions of a reference plane. The Daylight factor is the illuminance at a point on a reference plane in a space, divided by the illuminance on an unobstructed horizontal surface outdoors. This method uses an overcast sky for calculation and the assessment of the space is orientation independent. BS EN 17037 gives the Median External Diffuse Illuminance (Ev,d,med) for the capital cities throughout Europe to account for external local illuminance levels.

The UK committee formed the opinion that the Target Illuminance recommendations in Clause A.2 of BS EN 17037 may not be achievable for some buildings, particularly dwellings. The UK committee believes this could be the case for dwellings with basement rooms or those with significant external obstructions. In BS EN 17037:2018+A1:2021, the UK National Annex (NA) sets out additional minimum room specific Target Daylight Factor values for the UK. Clause NA.2 sets out illuminance values to be exceeded over at least 50% of the points on a reference plane 0.85m above the floor for at least half the daylight hours.

EN 17037:2018 sets out values for Minimum and Target levels to be achieved with a minimum, medium and high compliance level for each. The guideline recommends that the minimum level should be achieved for both target levels but it does not give guidance on the number of units or fraction within a multiple residential unit development that should achieve these values. Additionally it does not differentiate between room use and weighted targets for rooms which would have a lesser requirement. The UK annex sets out factors for UK specific settings where it is difficult to achieve natural daylighting.

The compliance calculation is based on an annual, climate-based simulation of interior illuminance distributions. The BRE guidelines BR209:2022 refers to this method as the Illuminance Method. For each hour of the year, the percentage of the floor area achieving minimum and target illuminance thresholds are measured on a room-by-room basis. Two target types are set with the following criteria:

- Target Illuminance: 300 lux over 50% of floor area for at least 50% of daylight hours.
- Minimum Illuminance: 100 lux over 95% of floor area for at least 50% of daylight hours.

BS EN 17037 gives three levels of recommendation for daylight provision in an interior space: Minimum, Medium and High. The BRE guidelines BR209:2022 (C3) recommends for compliance with the standard, a space should achieve the Minimum level.

Daylight hours are defined as the 4380 hours with the most diffuse horizontal illuminance in the weather file. In addition to this baseline (Minimum) requirement, rooms can achieve Medium and High levels of compliance by meeting higher illuminance thresholds, as outlined in the table below:

| Target Illuminance Over At Least Half The Daylight Hours | | |
|---|---|---|
| Level of recommendation | Target illuminance<br>$E_T$(lx) for half of the assessment grid | Minimum illuminance<br>$E_{TM}$(lx) for 95% of the assessment grid |
| Minimum | 300 lux | 100 lux |
| Medium | 500 lux | 300 lux |
| High | 750 lux | 500 lux |

**Table 3: EN 17037:2018 (both IS & BS) Target Illuminance over at least half the daylight hours**

| Target Daylight Factor for Dublin* | | |
|---|---|---|
| Level of recommendation | Target daylight factor<br>D for half of the assessment grid | Minimum daylight factor<br>D for 95% of the assessment grid |
| Minimum | 2% | 0.7% |
| Medium | 3.5% | 2% |
| High | 5% | 3.5% |

**Table 4: EN 17037:2018 (both IS & BS) Target Daylight Factor (D) for Dublin**

| Target Minimum Daylight Factor for Dublin* based on UK National Annex | | |
|---|---|---|
| Room Type | Target illuminance<br>$E_T$(lx) for half of the assessment grid | Target daylight factor D from Table A.3 EN17037<br>$E_{v,d,med}$ for Dublin -14,900 |
| Bedroom | 100 lux | 0.7% |
| Living Room | 150 lux | 1% |
| Kitchen | 200 lux | 1.3% |

* EN17037 uses the latitude of the capital city of each European country to set individual values for daylight and sunlight metrics for use in setting the target levels to be achieved in a particular country

**Table 5: BS EN 17037:2018+A1:2021 Target Illuminance levels and Daylight Factor for Dublin**

### 2.11 Sunlight within Proposed Developments

The BRE guidelines BR209:2022 Section 3.1.7 states:

> *"that for large residential developments the overall sunlight potential can be initially assessed by counting the number of windows facing south, east and west and the aim should be to minimise the number of living rooms facing solely north, north-east or north-west unless there is some compensating factor such as an appealing view to the north."*

The BRE guidelines BR209:2022 acknowledges that it may not be possible to have every living room facing within 90° of south in large developments, however, it recommends maximising the number of units with a southerly aspect.

The BRE guidelines BR209:2022 recommends that BS EN 17037 should be used to assess for interior access to direct sunlight. BS EN 17037 Table A.6 sets recommendations for access to sunlight and notes three levels of achievement; Minimum, Medium and High. In dwellings at least one habitable room, preferably a living room, should achieve the Minimum of 1.5 direct hours on a specified date between 1st February and 21st March, with a cloudless sky. This assessment uses the 21st March. The guidelines recommend a time step of 5 minutes or less for the assessment interval. The Minimum level to achieve is 1.5, the Medium level is 3 hours and the High level is 4 hours direct sunlight.

# 3. Daylight in Neighbouring Buildings

## 3.1 Site Overview

The former Horizon Mall brownfield site of 6.6 Ha. comprising a mixed use zone is located adjacent to the Parkway Retail Park in the townland of Singland, Limerick. This brownfield site which contains a partially constructed and uncompleted retail/commercial development, of which retaining concrete wall enclosure remain.

The site is bounded by the Dublin Road (R445) to the north, undeveloped lands stretching to the Groody River to the East, to the west by the Parkway Retail Park. There are residential estates to the south west, (Chesterfield Downs) and to the south (Glendale Lawn). The general ground level of these estates is elevated above the ground level of the proposed development. Chesterfield Downs is approx. 5m above the ground level at Block E, Glendale Lawn is approx. 8m above the ground level at Block E.


**Figure 1: Indicative view of the site, taken from Google Maps.**
**Please refer to architectural drawings for statutory boundaries.**

### 3.2 Preliminary Assessment of Neighbouring Dwellings

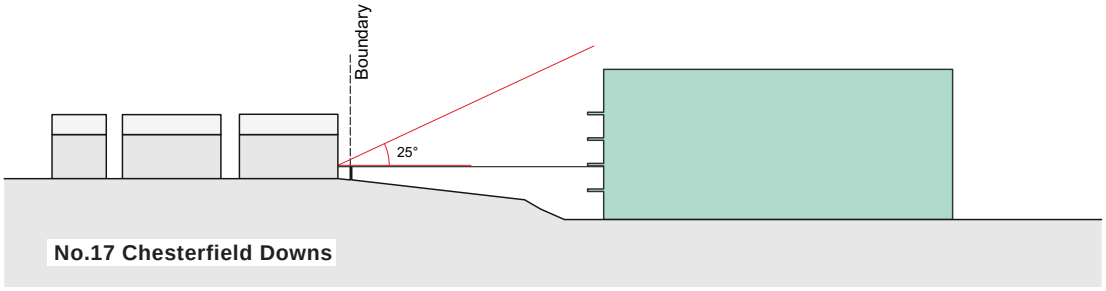
The BRE guidelines BR209:2022 recommend that loss of light to existing windows need not be assessed if the distance of each part of the new development from the existing window is three or more times its height above the centre of the existing window. This area referred to as the zone of influence.

This is a large site, with no relevant neighbouring structures along most of the site boundary. The only structure that is close to residential buildings is Block E. This area is shown in detail in Figure 3, where the zone of influence is plotted in yellow. Section planes perpendicular to the window wall of the adjacent properties facing the proposed development are indicated in blue in Figure 4.

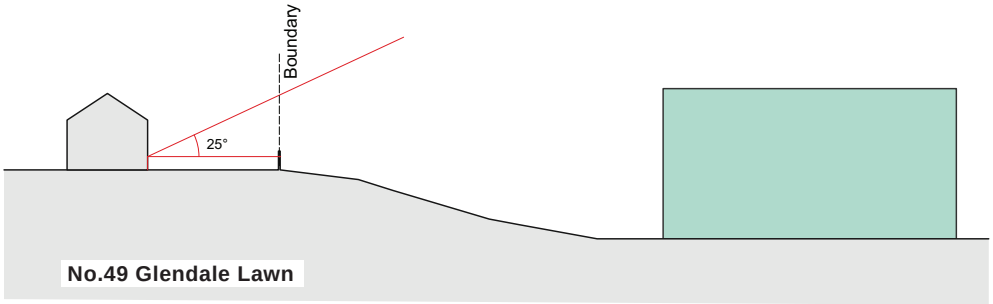
The document also states that if part of a new building measured in a vertical section perpendicular to the main window wall of an existing building, from the centre of the lowest window, subtends an angle of more than 25º to the horizontal, then the diffuse light of the existing building may be adversely affected. If a window falls within a 45° angle both in plan and elevation with a new development in place then the window may be affected and should be assessed.


**Figure 2: Proposed site plan locating relevant neighbouring properties assessed for a potential impact on daylight.**

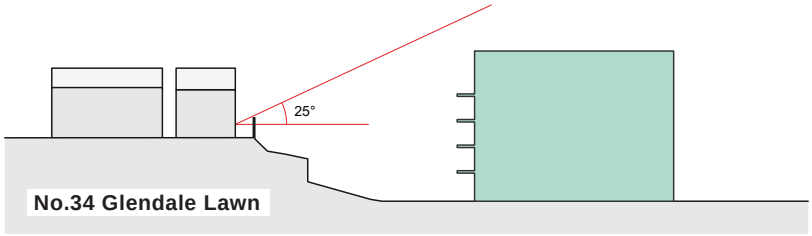

**Figure 3: Extract of proposed site plan showing the zone of influence from Block E and direction of the window wall of adjacent residential properties**




Section A through window wall




Section B through window wall




Section C through window wall

**Figure 4: Sections perpendicular to window wall at locations indicated in Figure 3**

### 3.3 Comment on Preliminary Assessment

ID points at location A - J indicate the walls with windows of the neighbouring houses. Generally, the windows to habitable rooms in these houses do not face towards the structures in the proposed development. The proposed development does not fall within 45° of the existing windows on the adjacent house in plan and section. This indicates that a reduction in available daylight is likely to be negligible and no further assessment is required.

This is supported by sectional analysis shown in Figure 4. The general ground level in Chesterfield Downs is approx. 5m above the ground level at Block E. Glendale Lawn is approx. 8m above the ground level at Block E. Section A & Section C are cut through the side elevations, and not through the main window of habitable rooms. Section B is through the rear elevation of No.49 Glendale Lawn.

A section cut at eye level in the neighbouring houses, (1.6m as per BRE guidelines) indicates the proposed development does not subtend the 25° section line. This indicates that a reduction in available daylight is likely to be negligible and no further assessment is required.

### 3.4 Conclusion to Daylight in Neighbouring Buildings

Any reduction in available daylight from the proposed development will be negligible and meets the recommendations of the BRE guidelines BR209:2022.

# 4. Sunlight in Neighbouring Buildings

## 4.1 Sunlight in Neighbouring Dwellings (Annual Probable Sunlight Hours)

The BRE guidelines BR209:2022 (third edition) recommends assessing window walls for the APSH that face within 90º of due south. The guidelines state that;

> *" In housing the main requirement for sunlight is living rooms, where it is valued at any time of day, but especially in the afternoon. Sunlight is also required in conservatories. It is viewed as less important in bedrooms and in kitchens, where people prefer it in the morning rather than the afternoon."*

For a proposed development to have a noticeable impact on the annual Probable Sunlight Hours the value need to be reduced below the recommended 25% annual or 5% in the winter period from September to March. If the value is either below this to begin with or is reduced below this then it should not be reduced below 0.8 times its former value.

The BRE guidelines states that obstruction to sunlight may become an issues if

*- Some part of a new development is situated within 90° of due south of a main window wall of an existing building*

*- In the section drawn perpendicular to this existing window wall, the new development subtends an angle greater than 25° to the horizontal measured from the centre of the lowest window to a main living room.*

## 4.2 Conclusion on Internal Sunlight

The neighbouring residential properties are beyond the zone of influence from the proposed development. There are no windows which require an assessment for sunlight.

## 4.3 Sunlight to Neighbouring Amenity Spaces

The shadow diagrams in Section 8 indicate that the shadows caused by the proposed development do not extend to any private garden or amenity space on the 21st march and no detailed assessment is required.

There will be no perceptible reduction in sunlight to any of the neighbouring amenity spaces; the proposed development meets the requirements of the BRE guidelines (2022).

## 5. Daylight within the Proposed Development

All habitable rooms within the units were assessed for daylight provision by illuminance method. The Illuminance method assesses the daylight levels over at least 50% daylight hours in the year and uses a weather file data set. These methods take into account the orientation of the space. They provide an accurate representation of the daylight provision to a specific room in the context of the proposed environment.

Compliance is demonstrated by a calculation of Daylight Provision with the illuminance method under BS EN 17037:2018+A1:2021. A summary of the results are presented in Table 6 below and a complete set of room results are shown in Appendix A.

For supplementary information, an assessment of Daylight Provision with the illuminance method under IS /BS EN 17037:2018 is undertaken. A summary of the results are presented in Table 7 below and a complete set of room results are shown in Appendix B.

### 5.1 Assessment for Daylight Provision BS EN 17037:2018+A1:2021

The UK National Annex (A1) contains minimum room specific target values for dwellings in the UK. Ireland has a similar latitude and climate to the UK. The minimum illuminance levels are kitchens and living spaces containing a kitchen 200lux, living rooms 150lux and bedrooms 100lux. It is recommended that these target illuminance values are exceeded over at least 50% of the points on a reference plane 0.85m above the floor, for at least half of the daylight hours.

The UK committee supports the recommendations of EN17037:2018 but considers the target daylight levels may be hard to achieve in UK dwellings, in particular in urban areas and areas with mature trees. The Target and Minimum levels set out in IS / BS EN17037:2018 does not take into account room use or make allowance for room that have a lesser requirement for daylight.

| Minimum daylight provision UK NA.1 - BS EN 17037:2018+A1:2021 | | | | | |
|---|---|---|---|---|---|
| | Room Use | Number of rooms | Target illuminance $E_T$(lx) for half of the assessment grid | Number of rooms to achieve target Lux over 50% of the assessment grid | Percentage of rooms achieving Target |
| Apartments | LKD | 403 | 200 | 387 | 96.0% |
| | Bedrooms | 560 | 100 | 560 | 100.0% |
| Total | | 963 | | 947 | 98.3% |

**Table 6: Summary of room for Target Illuminance compliance with BS EN 17037:2018+A1:2021. Individual room results can be viewed in Appendix A.**

### 5.2 Conclusion

BR209:2022 recommends assessment methods set out in BS EN 17037 for daylight provision. 98.3% of the Living, Dining, Kitchen and Bedroom spaces achieve the target values set out in BS EN 17037:2018+A1:2021 section NA1. These are the minimum values, per specified use, to be achieved in habitable rooms.

In the 963 no. rooms assessed, there are reduced levels of daylight provision in 16 no. rooms. Compensatory measures are itemised in Section 1.5 of this report. Daylight levels were cross checked with a future masterplan development to the north, included in the model. The percentage achieving minimum daylight provision do not change.

### 5.3 Supplementary Information - Assessment for Daylight Provision IS / BS EN 17037:2018

A summary of Minimum and Target Illuminance levels under IS EN 17037:2018 Annex A Table A1 are set out in the table below.

| Daylight provision Illuminance Method IS EN 17037:2018 | | | | | | |
|---|---|---|---|---|---|---|
| Overall total | | Below Target | Minimum | Medium | High | Percentage of rooms achieving Target |
| Apartments | Target Illuminance | 11.3% | 23.5% | 35.7% | 29.5% | 88.7% |
| | Minimum Illuminance | 2.6% | 34.0% | 39.8% | 23.7% | 97.4% |

**Table 7: Percentage of rooms at each level to IS/BS EN 17037:2018. Individual room results can be viewed in Appendix B.**

The results indicate a high level of daylight provision, with 97.4% of rooms achieving Minimum Illuminance and 88.7% achieving Target Illuminance. The rooms will be bright and pleasant spaces.

The recommendations for Daylight provision in Table A1 are not specific for dwellings and do not make allowance for room use. BS EN 17037:2018+A1:2021 address this with the National Annex NA.1 which sets out room specific targets for dwellings and compliance for this is presented in Section 5.2.

# 6. Sunlight within the Proposed Development

## 6.1 Sunlight Hours

The BRE guidelines BR209:2022 and EN 17037 (both IS & BS), set out recommendations for sunlight hours to be achieved. It states that; *"For dwellings, at least one habitable room, preferably a main living room, should meet at least the minimum criterion."* The guidelines recommend the sunlight hours should be assessed preferably on the 21st March over the course of the day. The guidelines set three levels of achievement. Minimum 1.5h, Medium 3h and High 4h. The guideline does not set the percentage of units that need the achieve the recommendations but they do give an example of a well designed floor layout in the figure below where 4 out of 5 units in an apartment building would achieve the target sunlight.

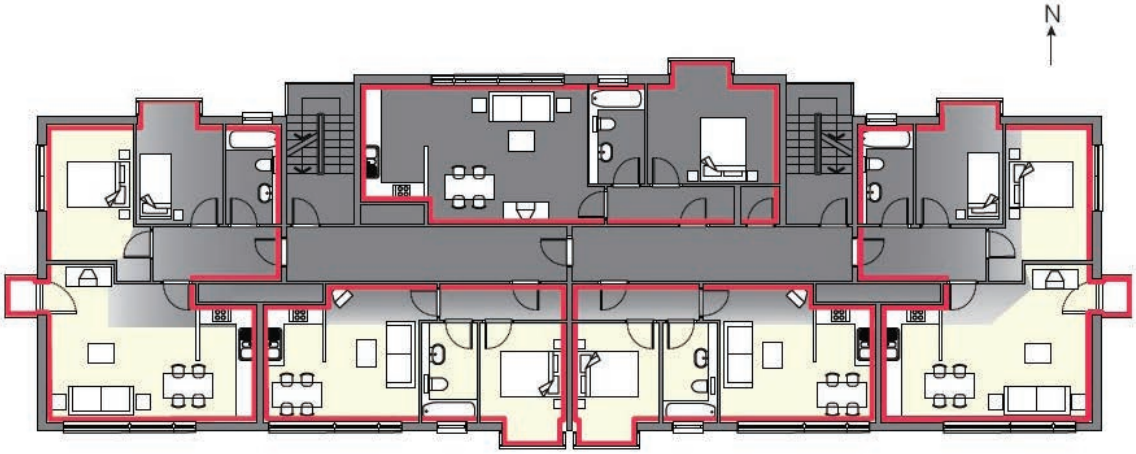



**Figure 26: Careful layout design means that four out of the five flats shown have a south-facing living room**

**Figure 5: Extract from BR209:2022 Section 3 Sun-lighting: Diagram indicating sample floor plan to maximise units with a main living space facing south.**

The apartments are assessed for sunlight, in accordance with EN 17037 (both IS & BS). In the test, preference is given to living spaces, and to southerly facing rooms. However the recommendations of the BRE guidelines are met if minimum sunlight hours are achieved in any habitable room within a dwelling.

Detailed results are presented in Appendix C. It indicates if the relevant habitable room has a south facing window, together with the number of hours it receives sunlight, on the 21st March. A summary of these results are displayed in the table below.

| Sunlight Hours Summary Table | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Apartments Units | Total Units | Habitable room with a window within 90° south | | Below recommendation <1.5 hours | Minimum >1.5 hours | Medium >3 Hours | High >4 Hours | Number meets criteria | Ratio meets criteria |
| | | No. | Ratio | | | | | | |
| Habitable Rm | 403 | 240 | 59.6% | 67 | 102 | 67 | 167 | 336 | 83.4% |

**Table 8: Summary of Results of Assessment of Sunlight Hours**

## 6.2 Comment on EN 17037 Sunlight Hours

The BRE guidelines BR209:2022 recommend maximising the amount of units that have a window within 90° due south but does not have set targets. The guidelines acknowledge that for large developments with site constraints its not possible to achieve south facing windows to all main living spaces and that achieving sunlight hours in another habitable room meets the criteria. Windows with an aspect of greater than 90° due south, to the north west or north east, will still receive sunlight, but it is likely to be lesser amounts especially in the winter period. In this development with 403 no. units, 83.4% (336 no.) have a habitable room which achieves the minimum recommended 1.5 direct sunlight hours.

## 6.3 Conclusion

This scheme is well designed for sunlight, with 83.4% of units meeting the minimum recommended 1.5 direct sunlight hours. This is in line with the BRE guideline example for an apartment layout where 4 in 5 (i.e. 80%) achieves the target sunlight hours.

## 7. Sunlight to Amenity within the Proposed Development

The BRE guidelines BR209:2022 indicate that for an amenity area to have good quality sunlight throughout the year, 50% of the ground, should receive in excess of 2 hours sunlight on the 21st of March. It also states that front gardens need not be assessed for sunlight.

### 7.1 Sunlight to Amenity within the Proposed Development

There are large areas of open space to the east of the structures in the proposed development. This has virtually unlimited access to sunlight; it does not require a detailed calculation. The central amenity areas have been assessed with a calculation of Sun on the Ground on the 21st March.

Indicative buildings have been placed on the Masterplan to the north of the proposed development, to test the amenity spaces in context. Generated analysis is shown in Figure 6 and the results are set out in Table 9 below.

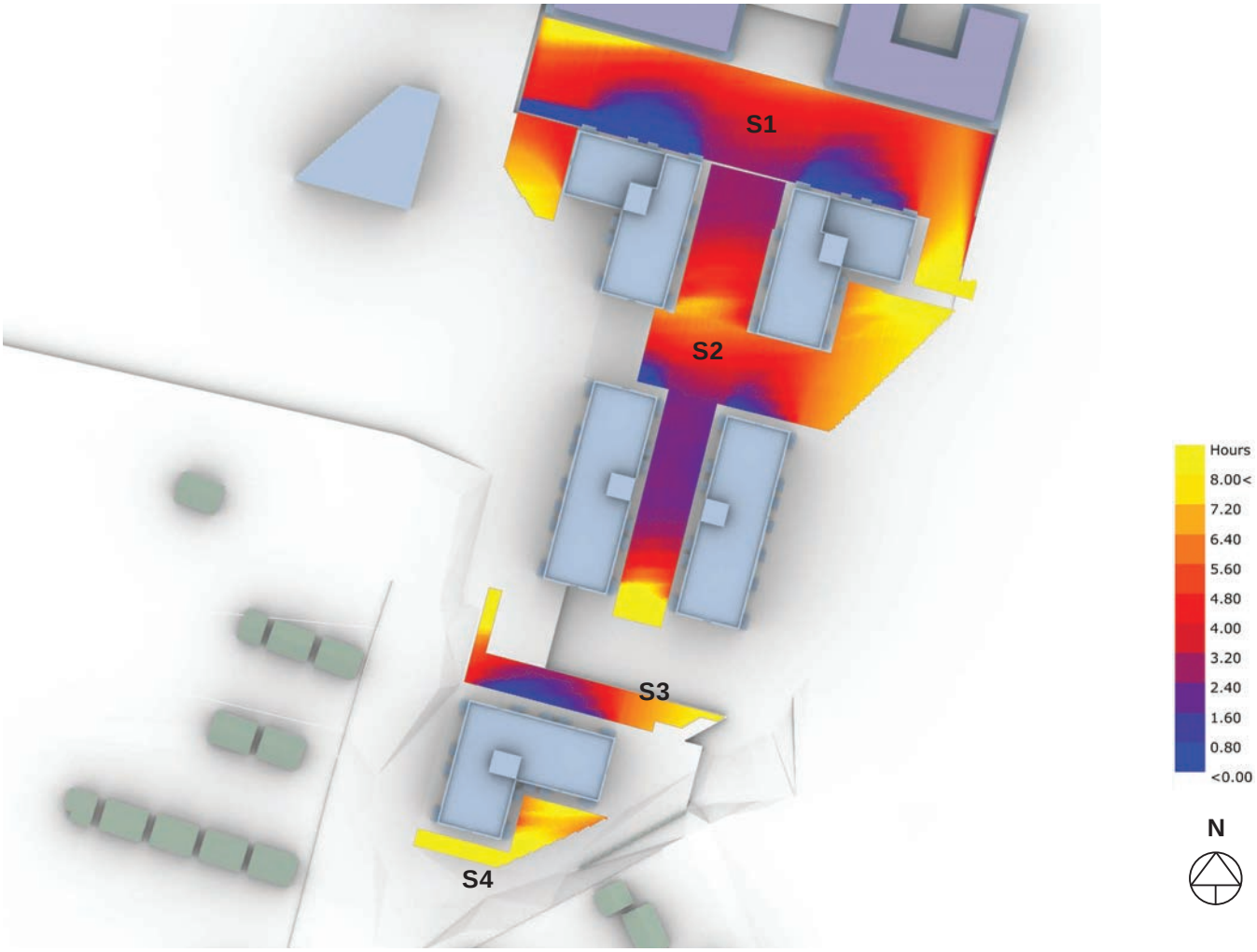



**Figure 6: Radiation map of amenity within the proposed development, showing available sunlight on 21st March. The scale represents the sunlight received from 0 - 8 hours.**

| Sunlight on the Ground - Public & Communal Amenity | | | |
|---|---|---|---|
| ID No. | Details | % Area receiving 2 hours sunlight on 21st March | Meets criteria if >50% area receiving 2 hours sunlight on 21st March |
| S1 | Public Open Space | 81.0% | Y |
| S2 | Public Open Space | 82.4% | Y |
| S3 | Public Open Space | 72.7% | Y |
| S4 | Communal Open Space | 100.0% | Y |

**Table 9: Calculation of Sun on the Ground to Amenity Areas within the Proposed Development**

### 7.2 Conclusion

All the public and communal amenity spaces are well oriented for sunlight. All achieve 2 hours sunlight on the 21st March over in excess of 50% of the area. The proposed development meets the recommendations for sunlight in the BRE guidelines BR209:2022.

# 8. Shadow Study

## 8.1 BRE Guidance on Shadow Studies

The BRE guidelines recommend using the March Equinox due the equal length of the day and night time. It states:

> *"If a space is used all year round, the equinox (21 March) is the best date for which to prepare shadow plots as it gives an average level of shadowing. Lengths of shadows at the autumn equinox (21 September) will be the same as those for 21 March, so a separate set of plots for September is not required."*

June 21st and December 21st are provided below for information but it should be noted that the summer solstice is the best case scenario with shadows at their shortest. The summer solstice diagrams are included here with the Daylight Saving Time (UTC+1) applied. In Winter even low buildings will cast long shadows, when sun barely rises above an altitude of 10° during the course of the day. It is common for large areas of the ground to be in shadow throughout the day, especially in a built-up area. The guidelines recommend that sunlight at an altitude of 10° or less does not count. Below are the times for the Equinox and Solstice, when the sun is above 10° altitude, rounded to the nearest half hour.

Equinox: between 8:30 and 17:30
Summer Solstice: Between 6:30 and 20:00
Winter Solstice: Between 10:30 and 14:00

Section 8.2 shows the existing and proposed shadow diagrams for the Equinox on the 21st March at 2 hourly intervals during the day between 09:00 and 17:00.
Section 8.3 shows the existing and proposed shadow diagrams for the Summer Solstice on the 21st June at 2 hourly intervals during the day between 09:00 and 19:00.
Section 8.4 shows the existing and proposed shadow diagrams for the Winter Solstice on the 21st December at 2 hourly intervals during the day between 09:00 and 15:00.

This is a brownfield site which has been largely cleared of a partially constructed development. There are existing concrete retaining walls which address levels changes across the site. There are no structures which cast shadows beyond the site, in the existing condition. The use of shadow diagrams as an assessment method should be taken over the course of the day and not a specific time due to the transient nature of the sun and the shade caused by obstructions.

## 8.2 Shadow Casting diagrams March Equinox

**Existing**

**N**

**Proposed**

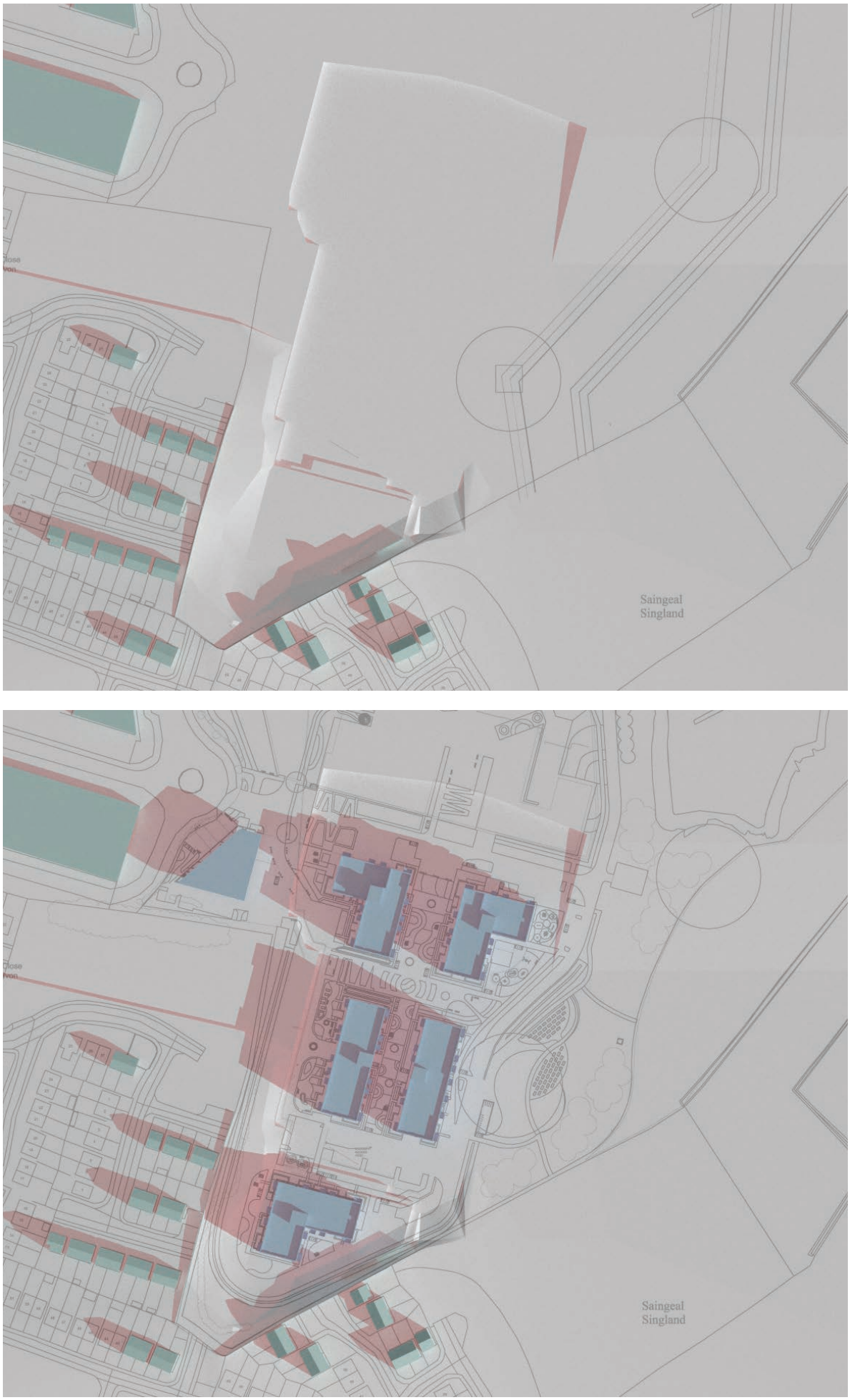
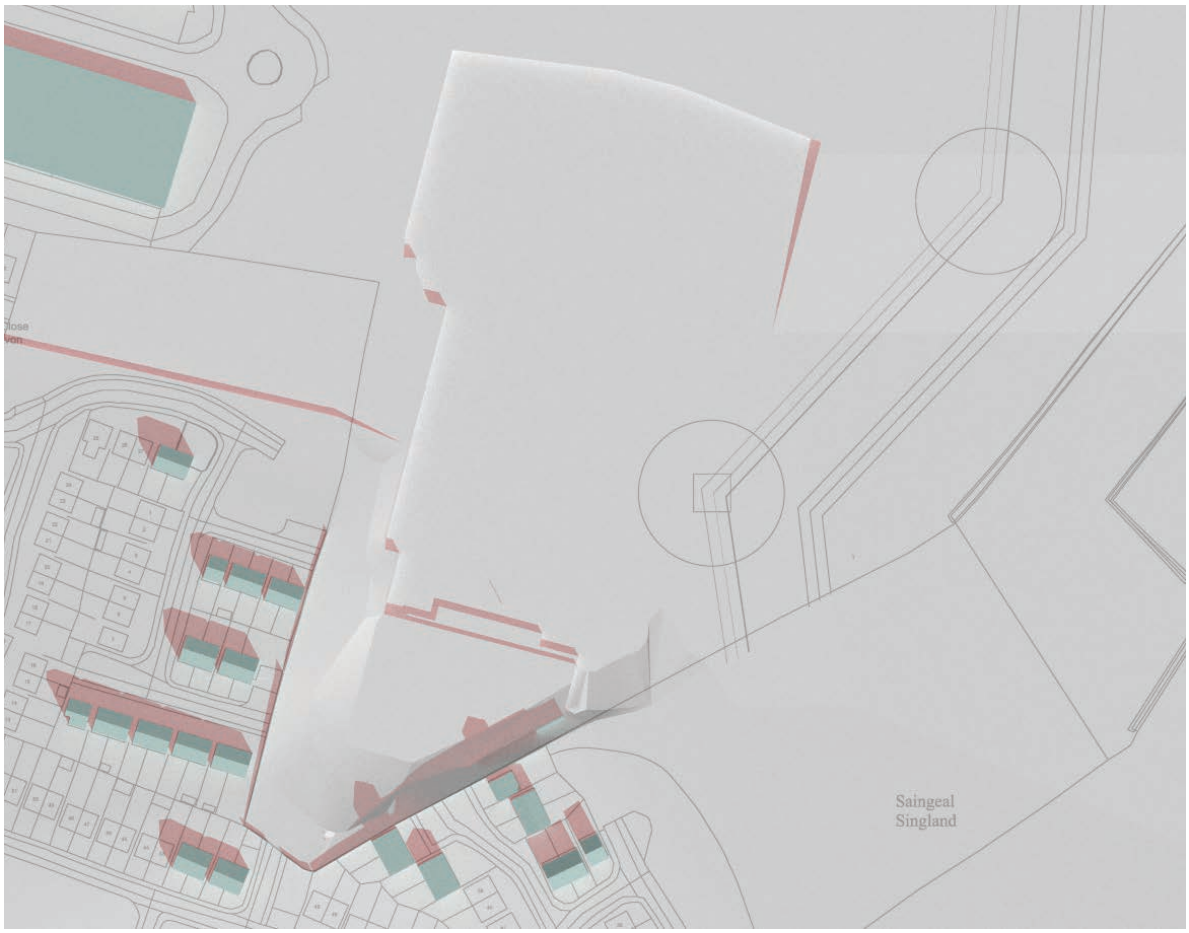



**Figure 7: Shadow diagrams 21 March 09:00 UTC**

**Existing**




**N**

**Proposed**

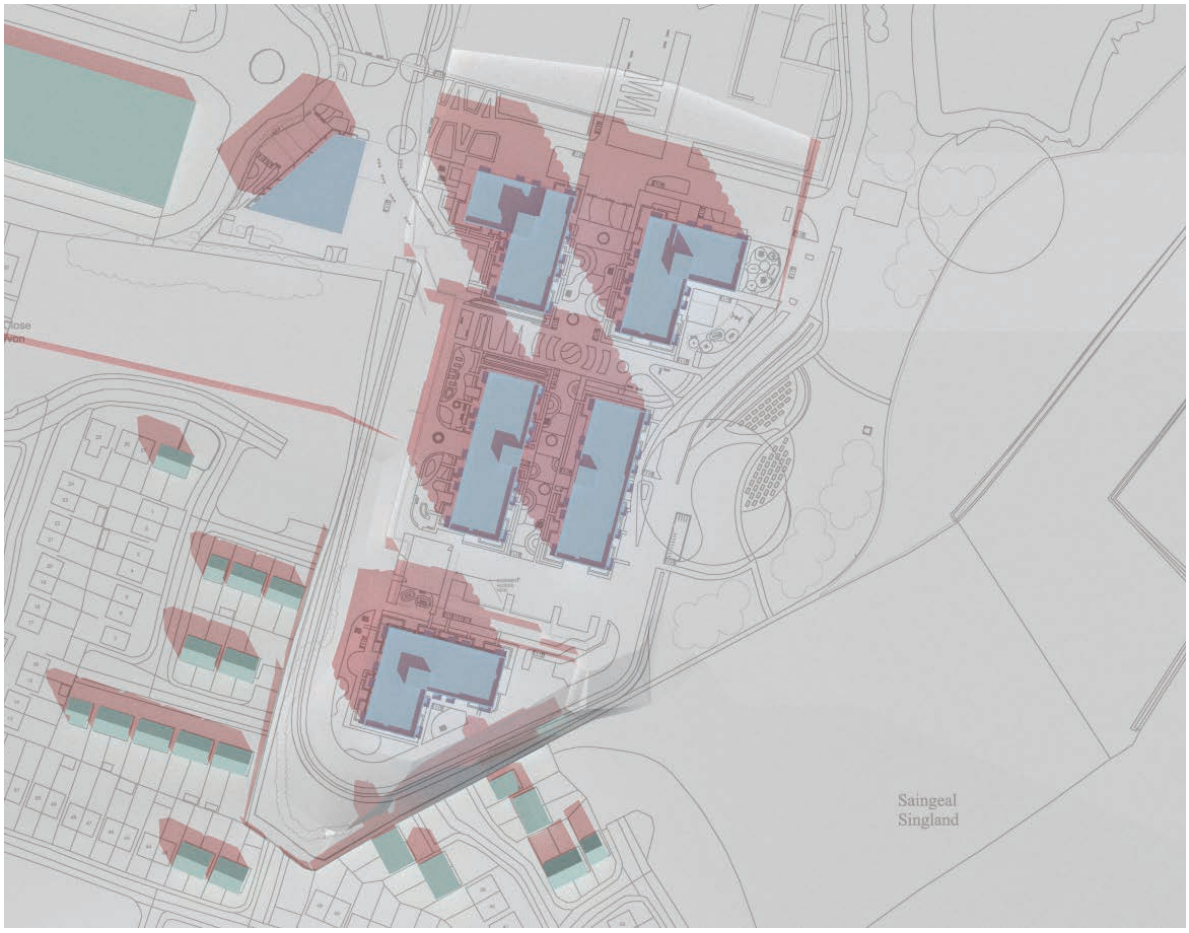
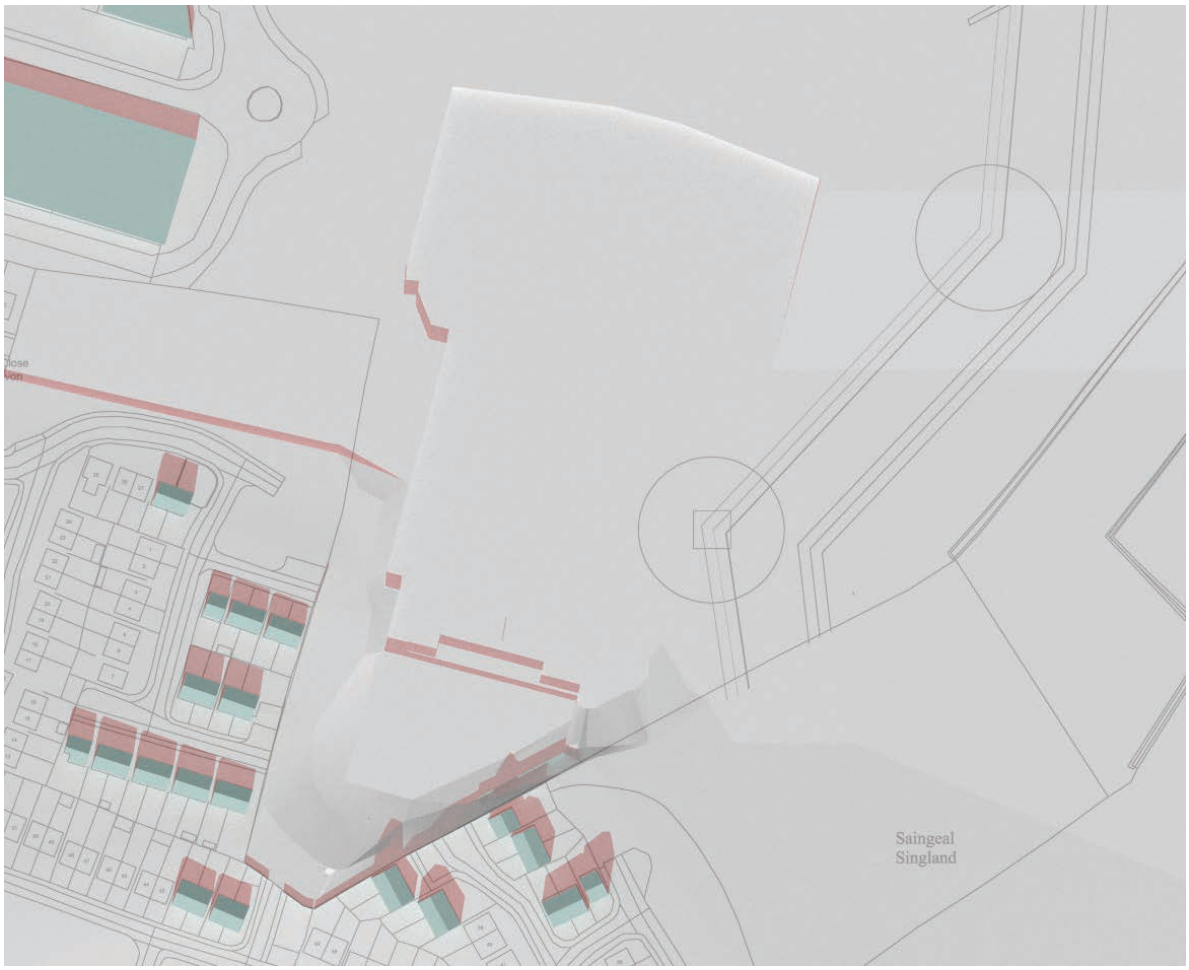



**Figure 8: Shadow diagrams 21 March 11:00 UTC**

**Existing**




**N**

**Proposed**

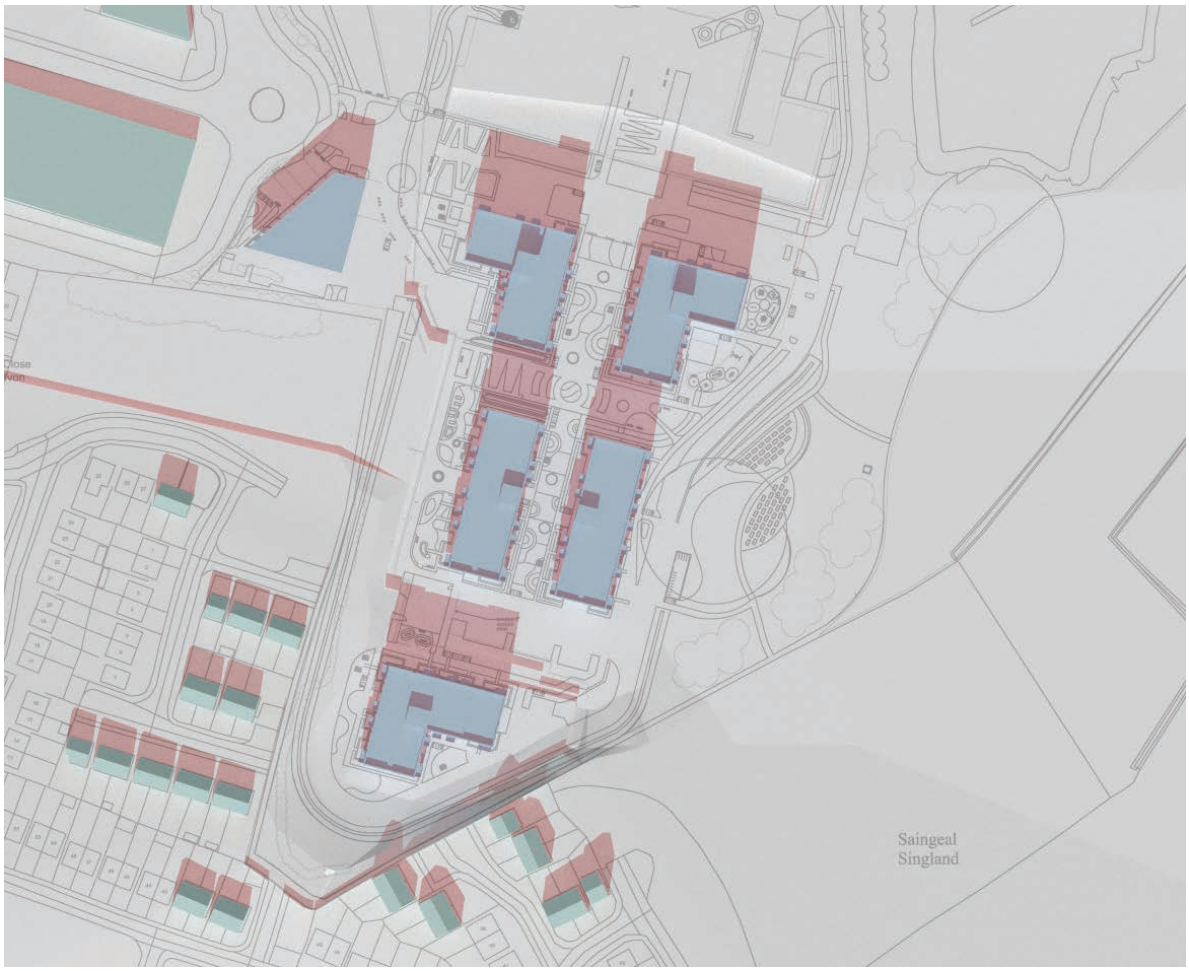
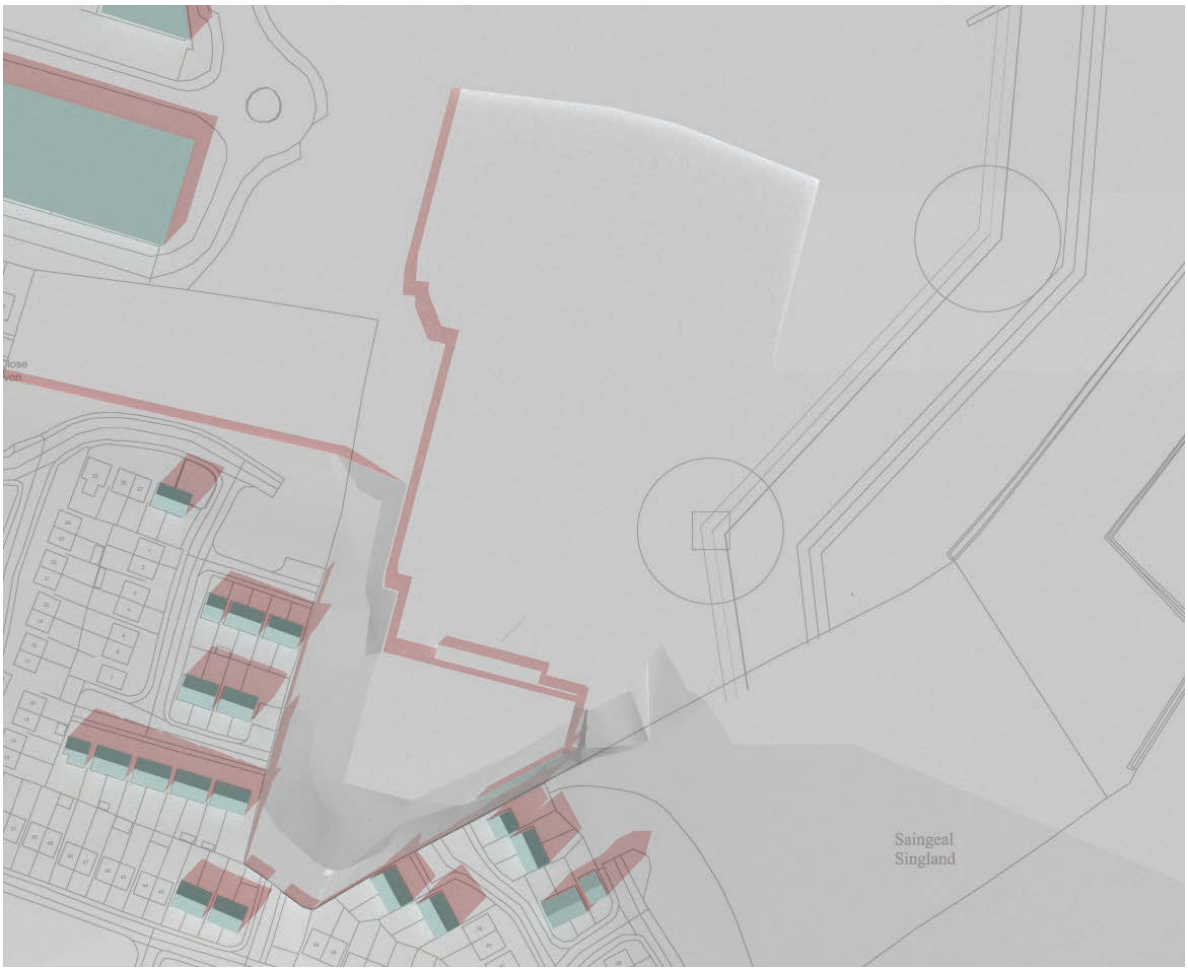



**Figure 9: Shadow diagrams 21 March 13:00 UTC**

**Existing**




**N**

**Proposed**

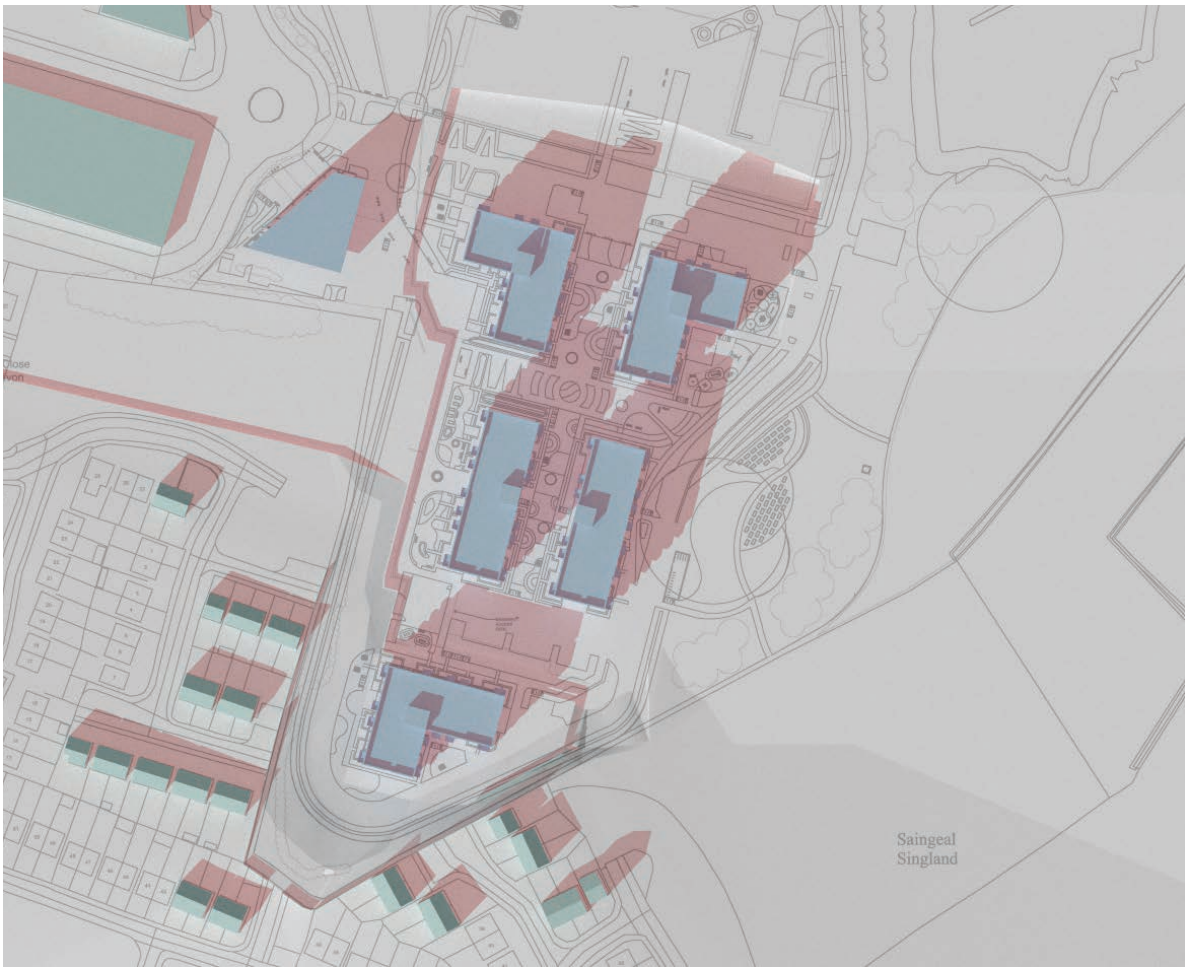
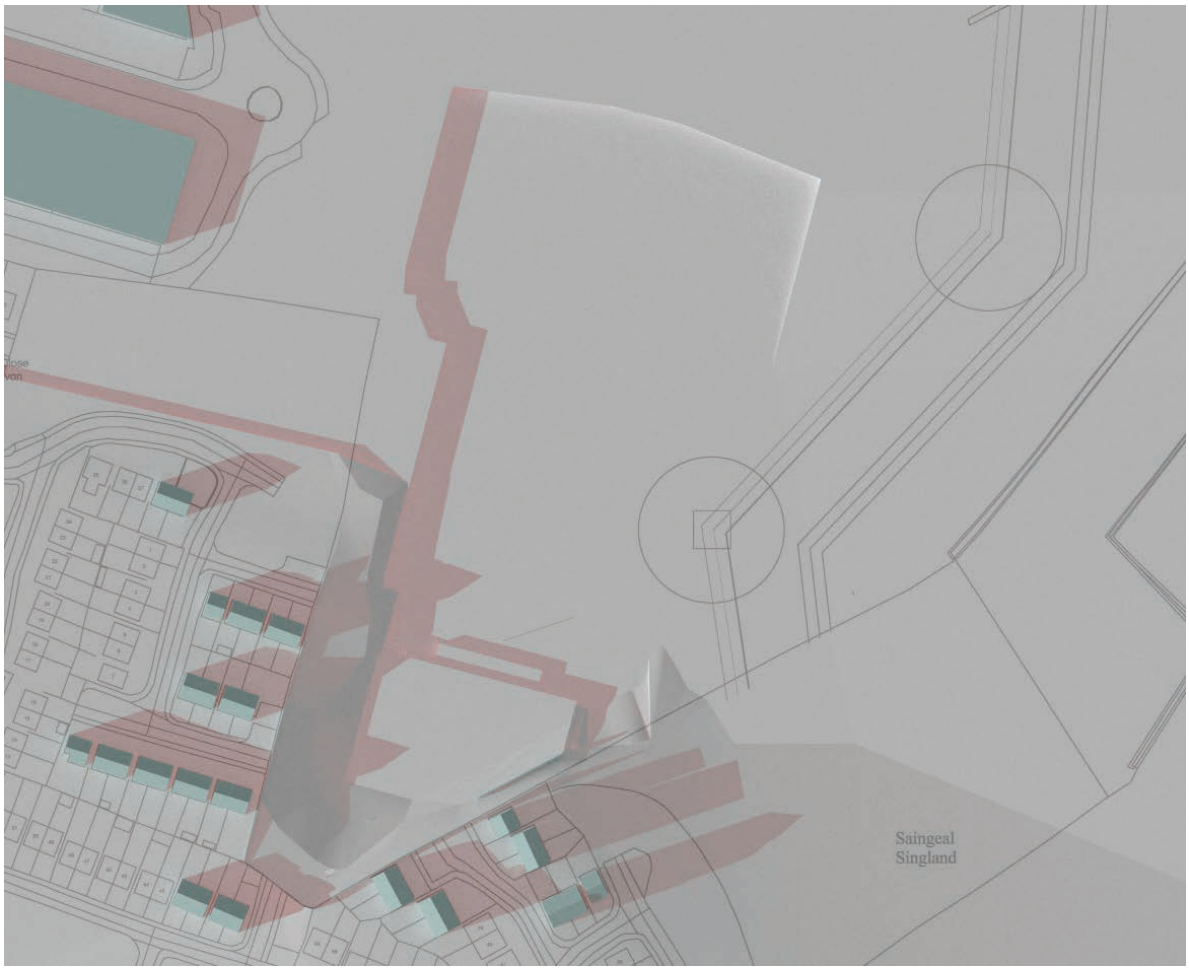



**Figure 10: Shadow diagrams 21 March 15:00 UTC**

**Existing**




**N**

**Proposed**

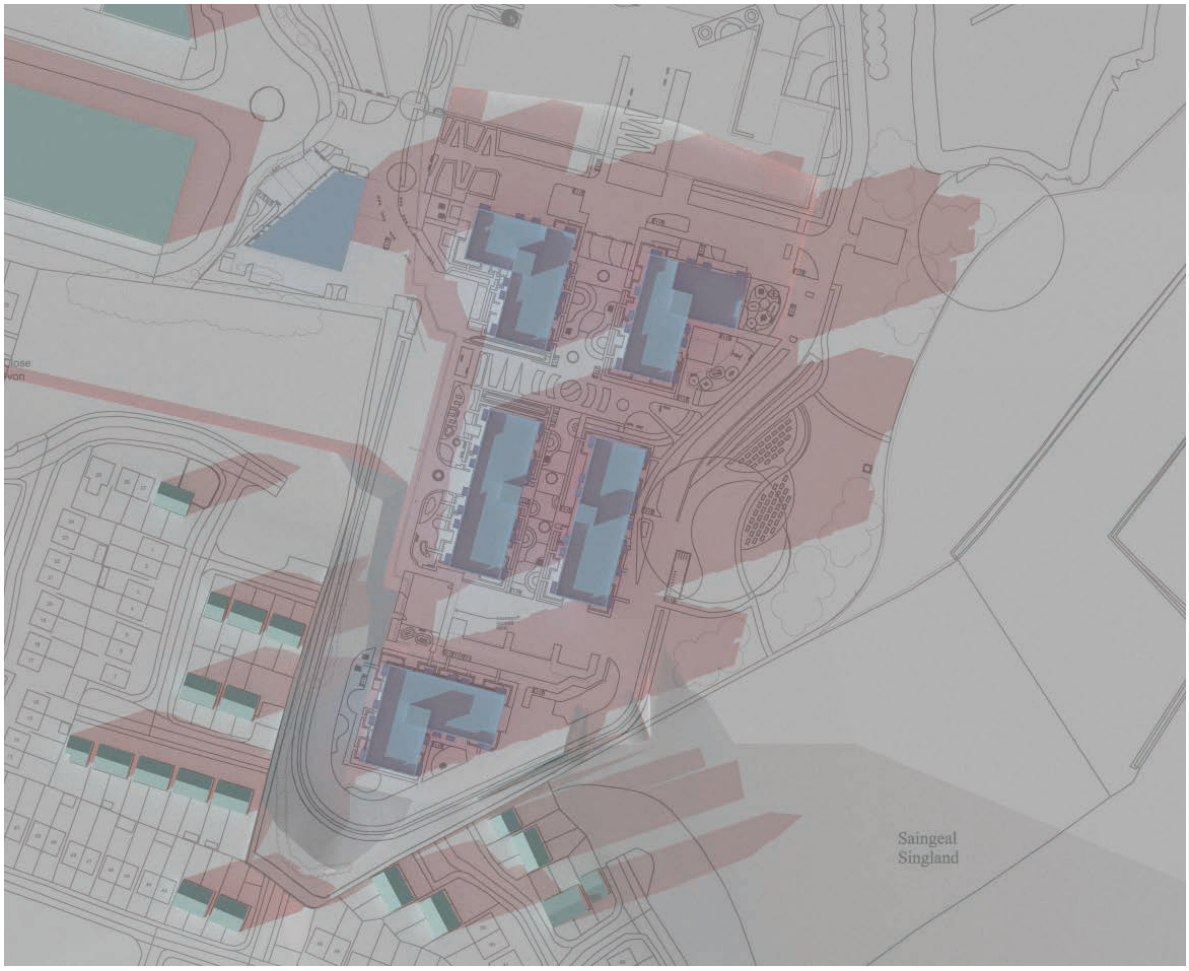



**Figure 11: Shadow diagrams 21 March 17:00 UTC**

## 8.3 Shadow Casting diagrams June Solstice

**Existing**

**N**

**Proposed**

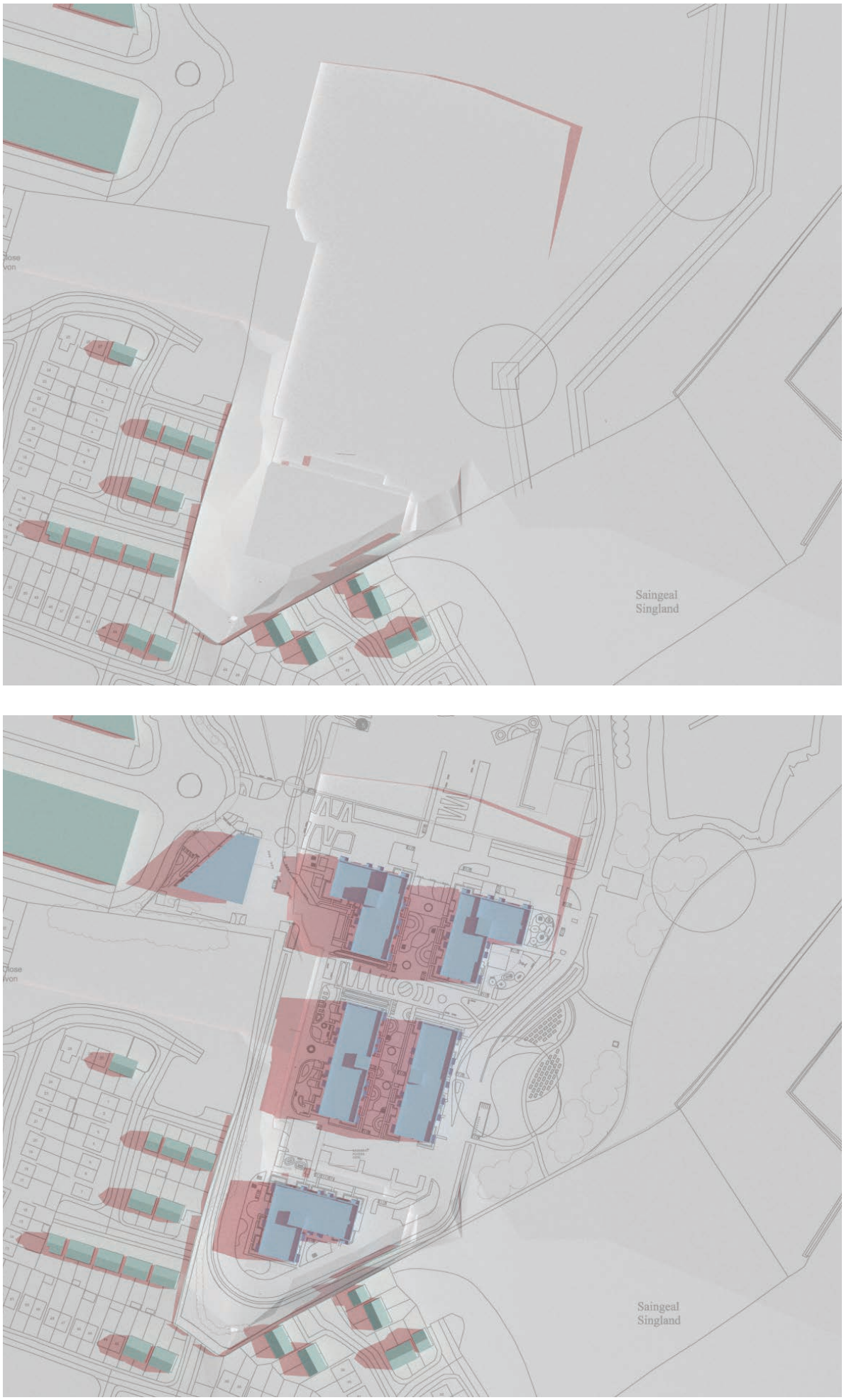
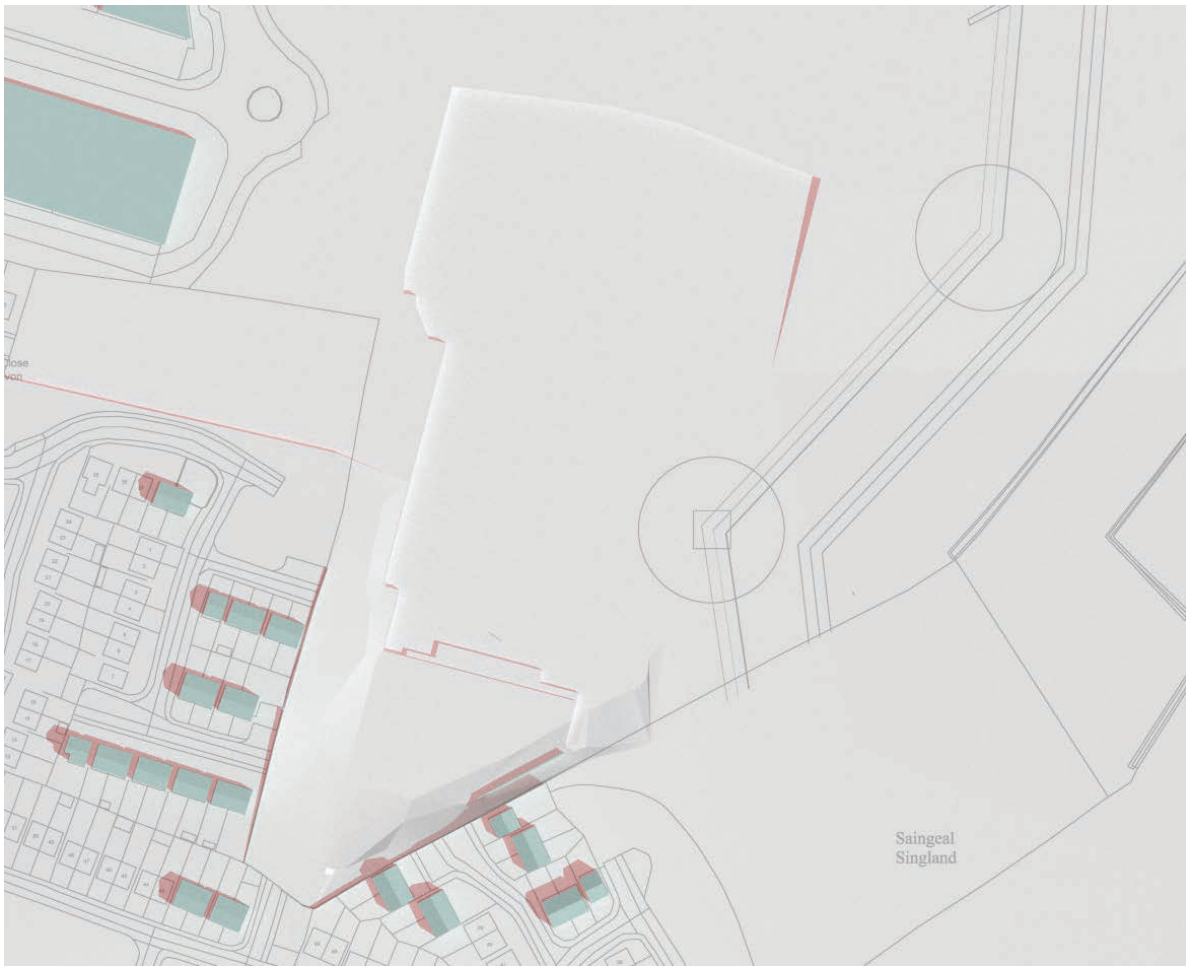



**Figure 12: Shadow diagrams 21 June 09.00 UTC +1**

**Existing**




**N**

**Proposed**

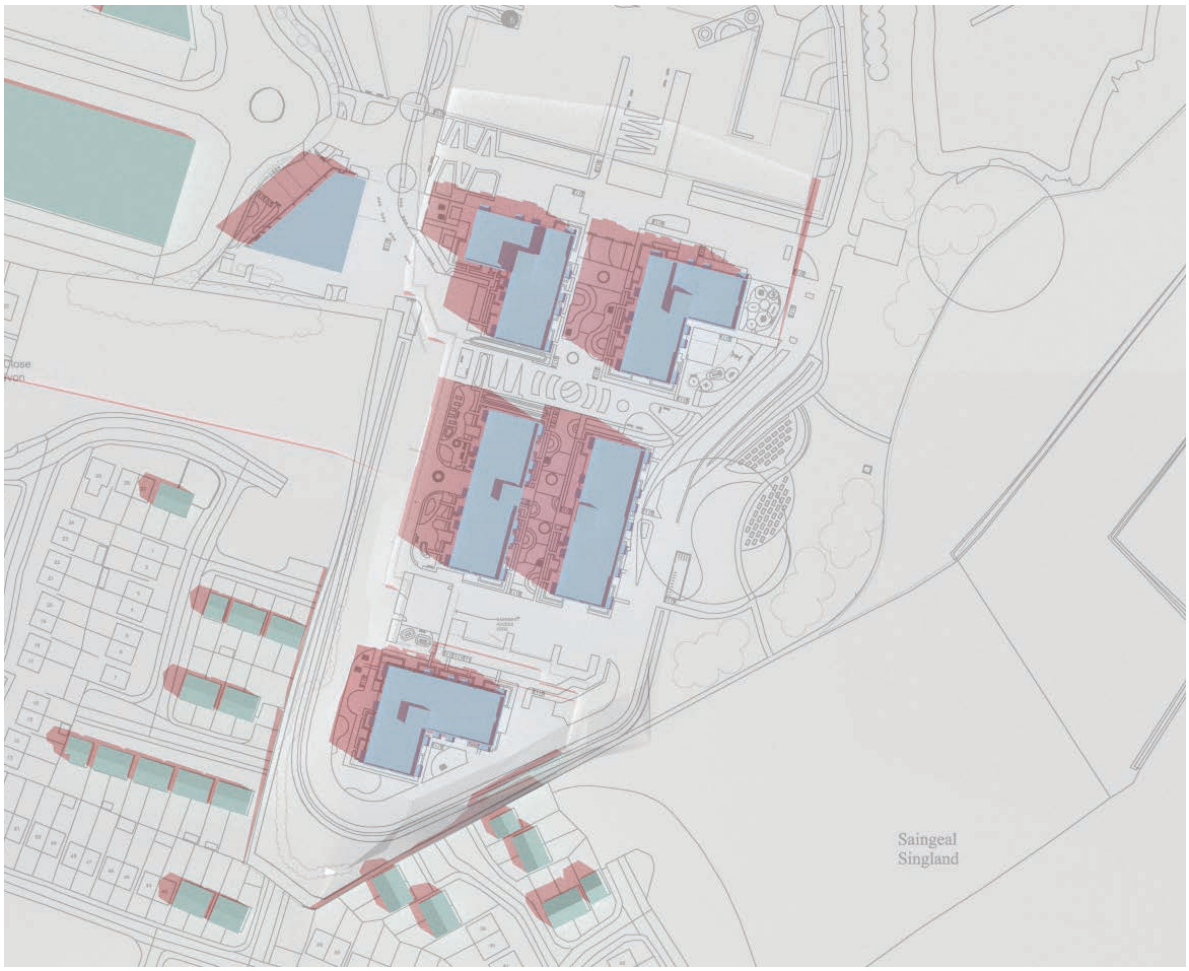
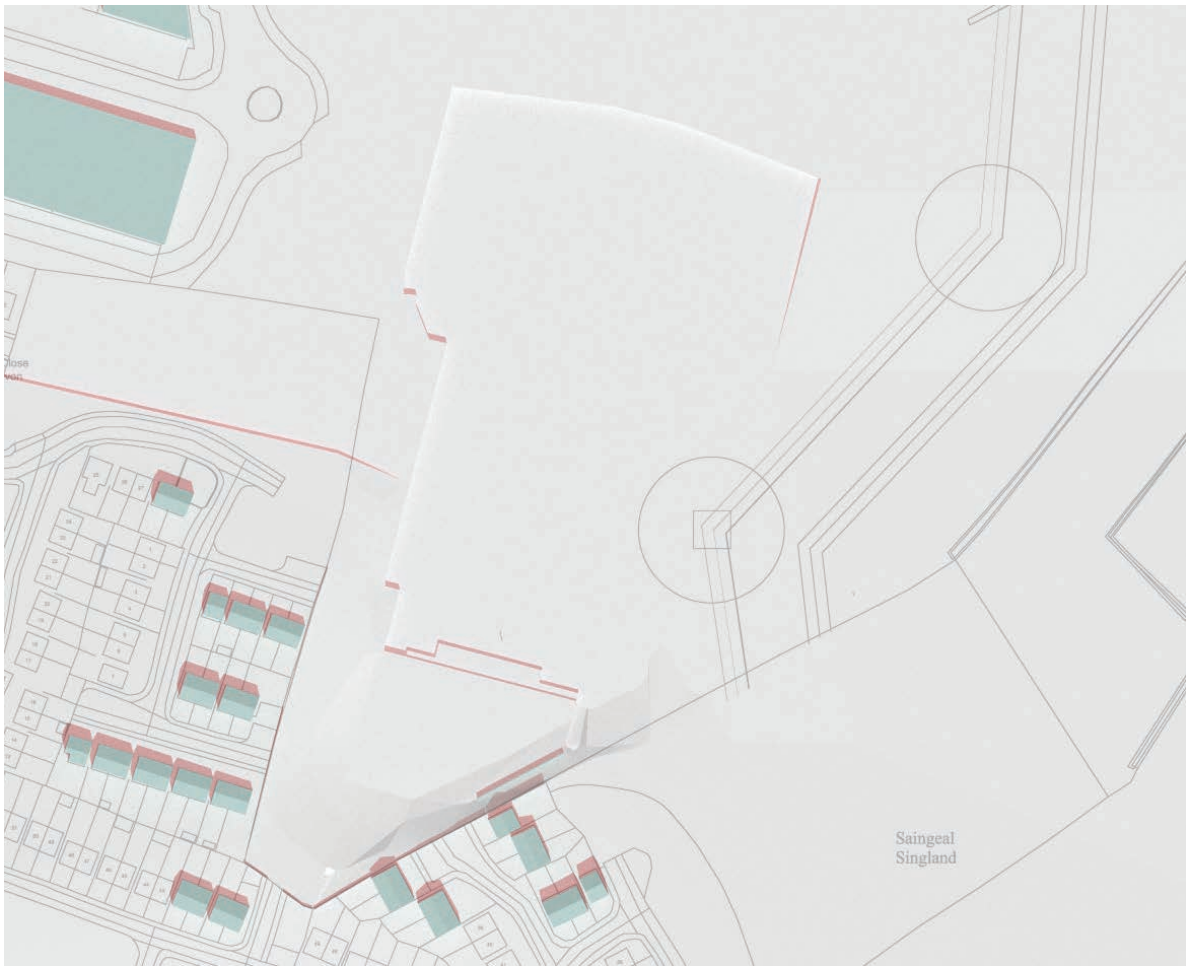



**Figure 13: Shadow diagrams 21 June 11:00 UTC +1**

Existing

N




Proposed

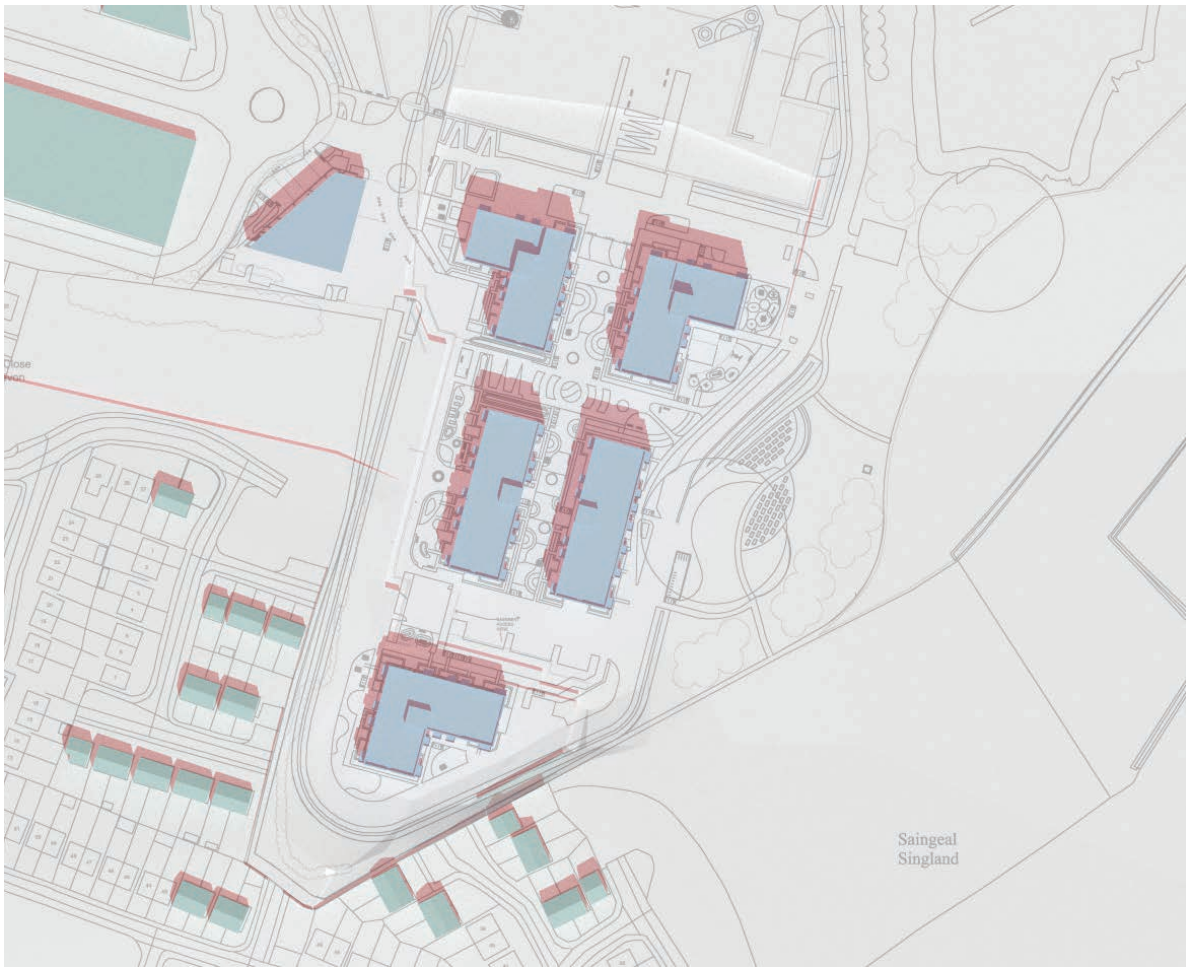
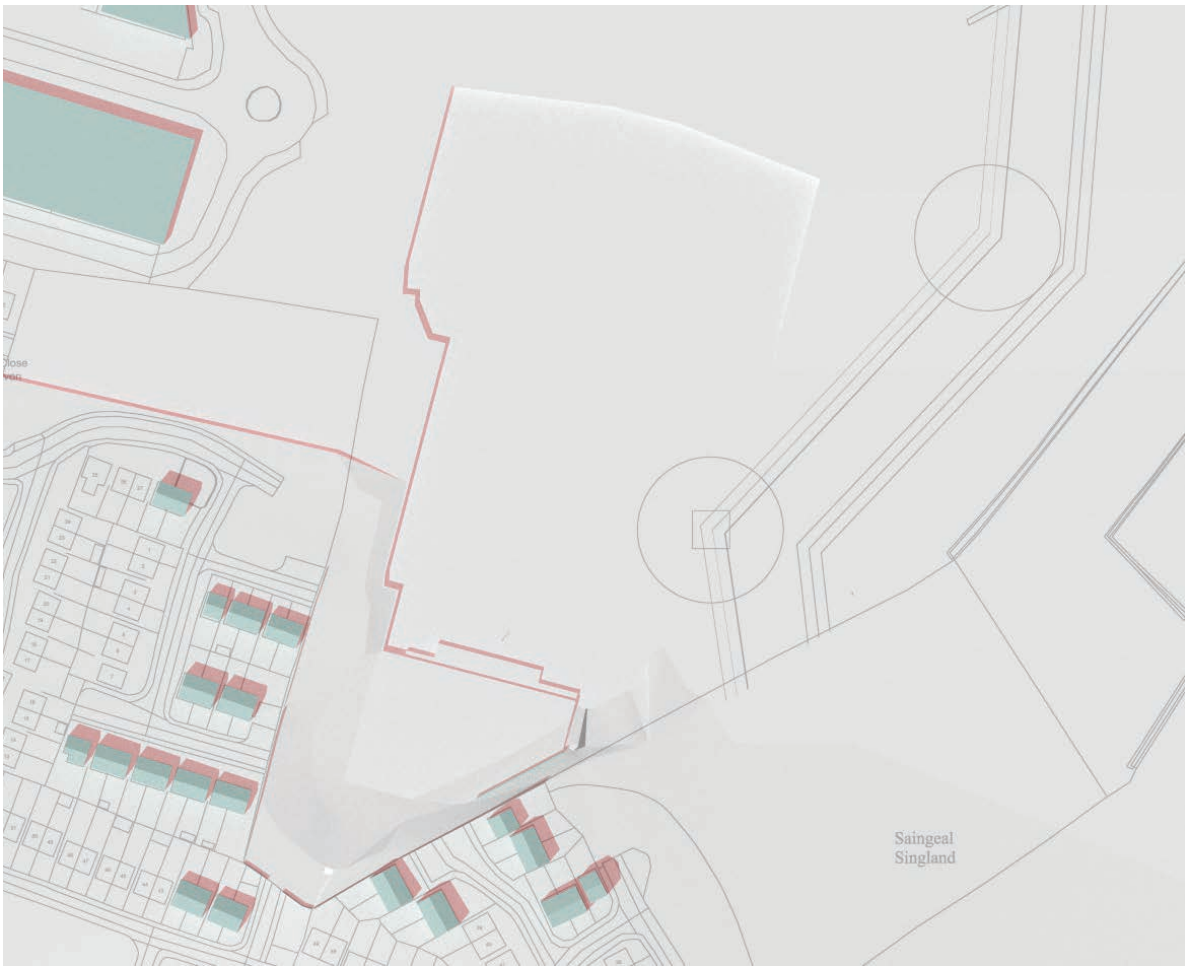



**Figure 14: Shadow diagrams 21 June 13:00 UTC +1**

Existing




N

Proposed

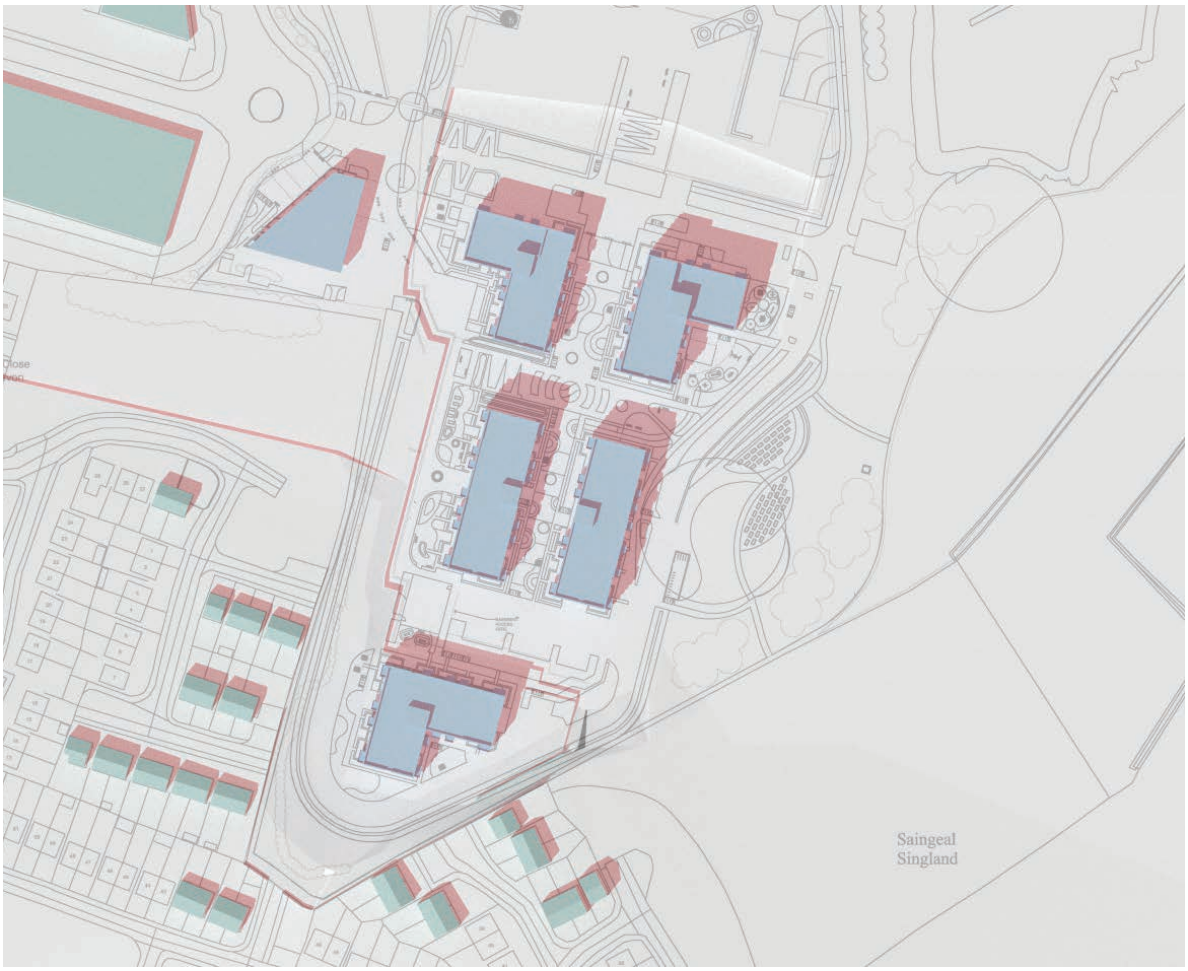
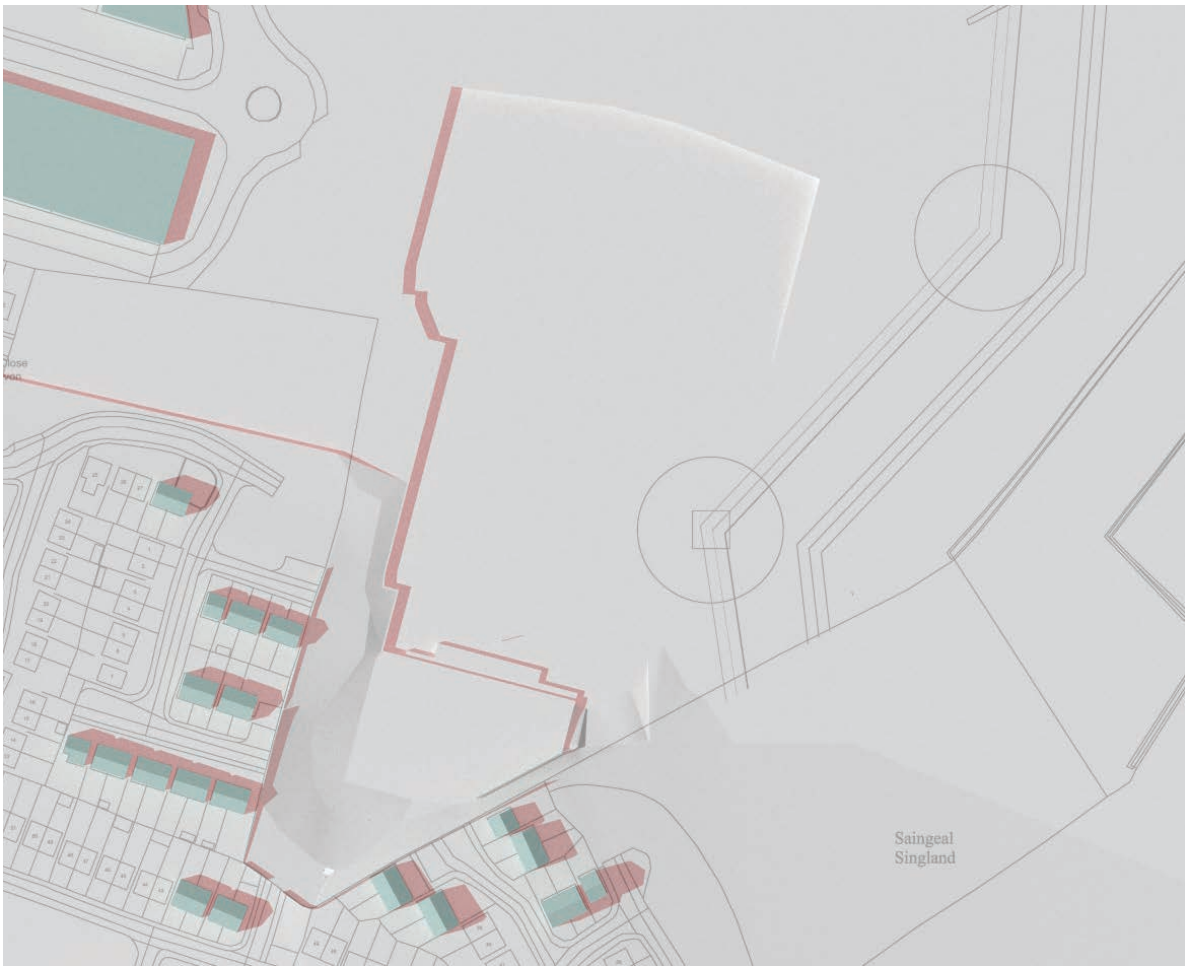



**Figure 15: Shadow diagrams 21 June 15:00 UTC +1**

**Existing**




**N**

**Proposed**

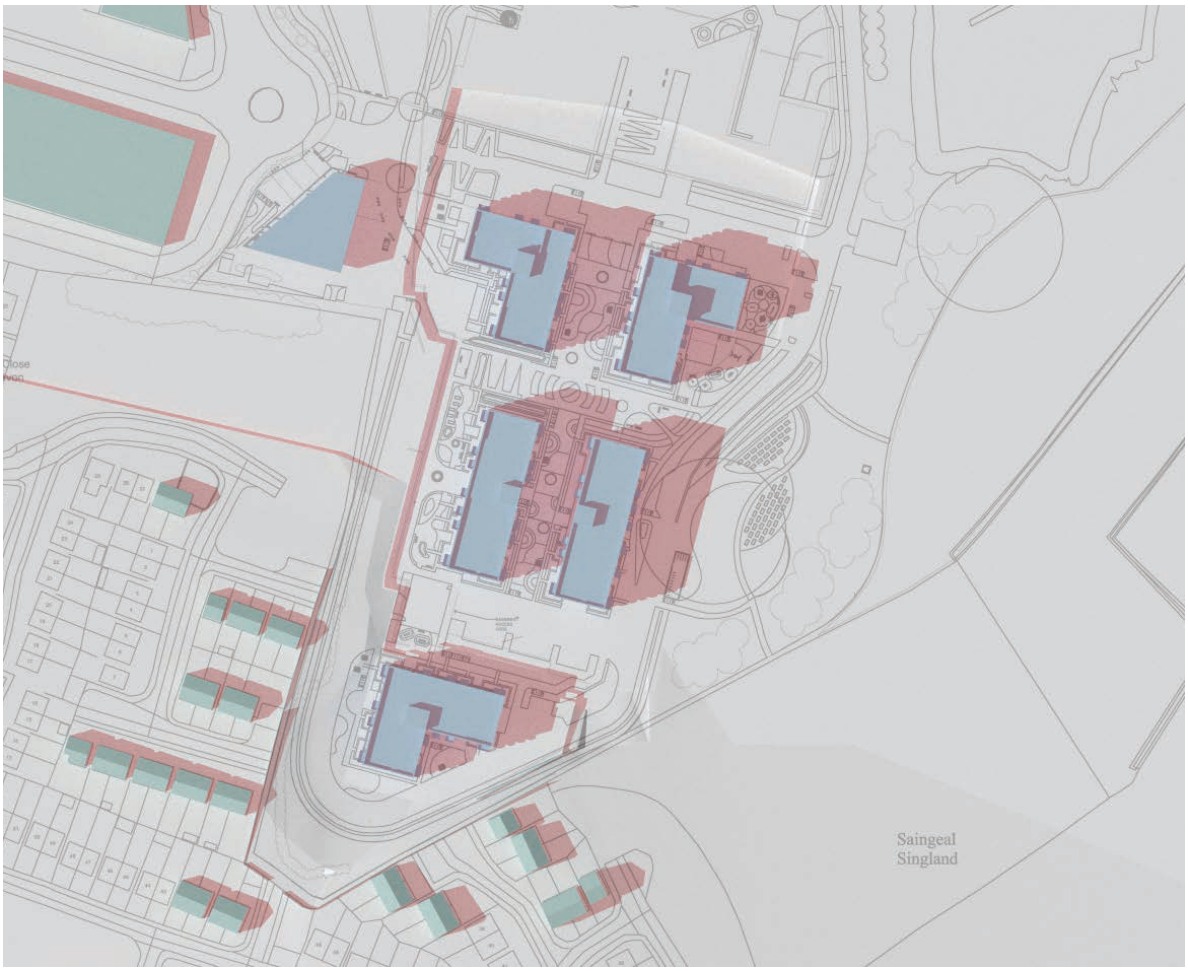
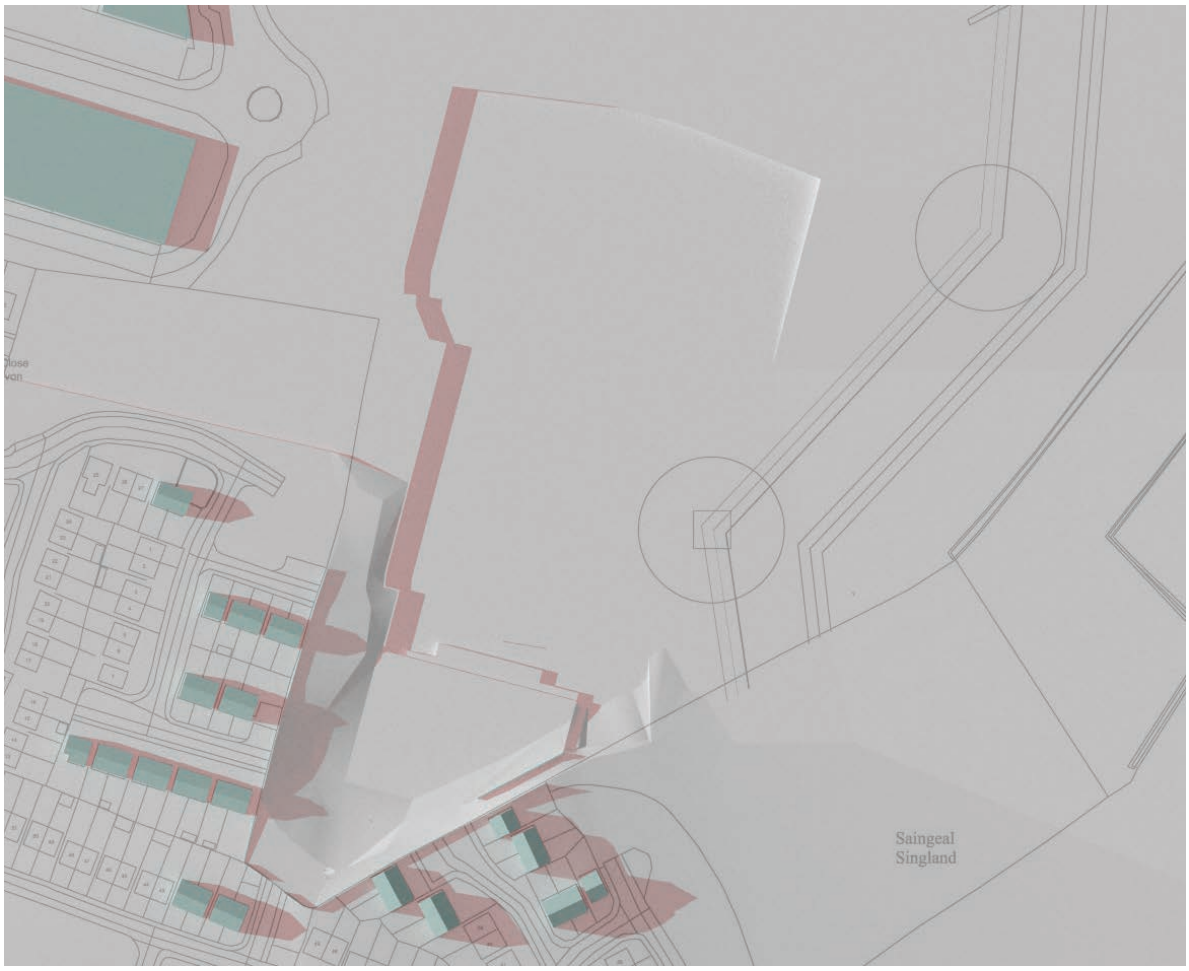



**Figure 16: Shadow diagrams 21 June 17:00 UTC +1**

**Existing**




**N**

**Proposed**

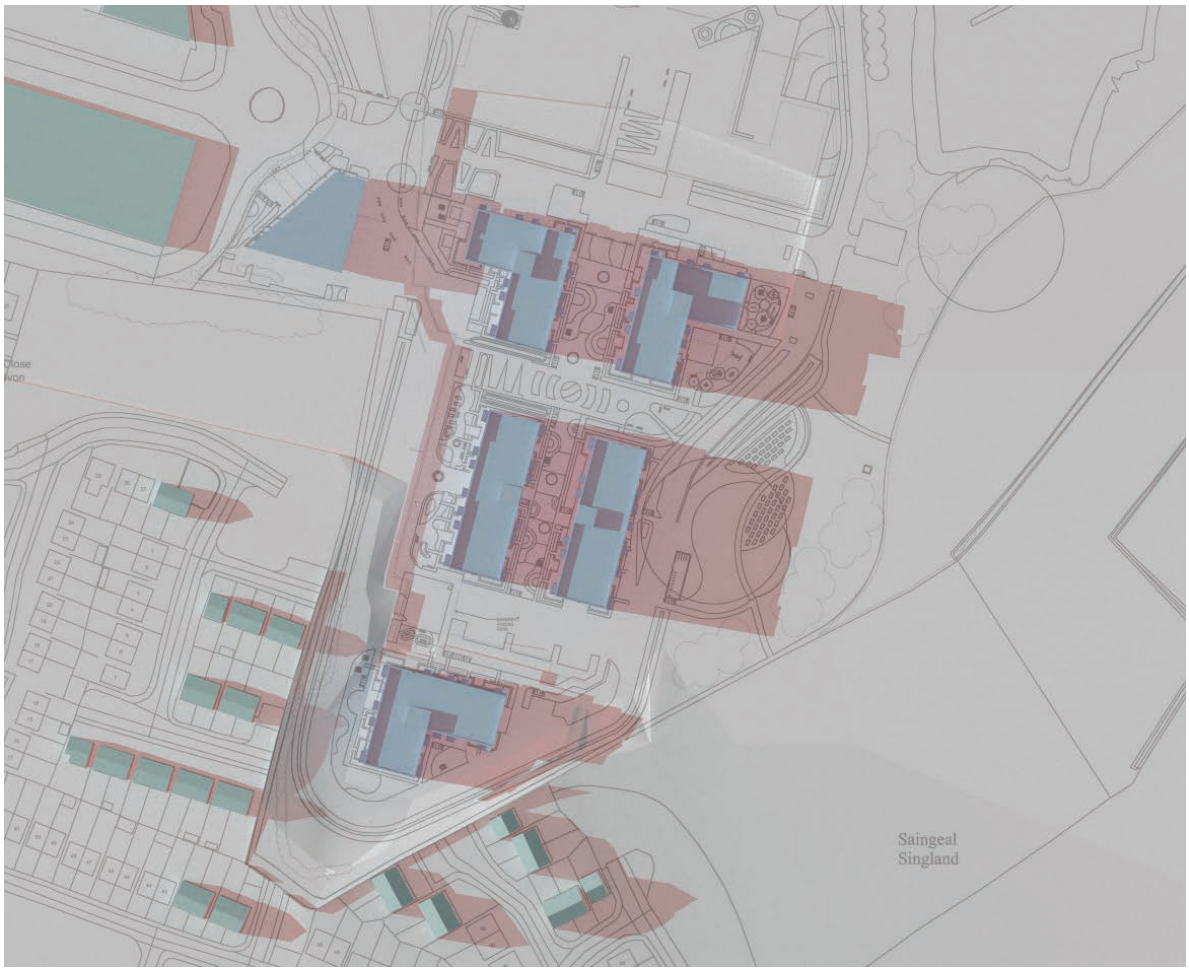



**Figure 17: Shadow diagrams 21 June 19:00 UTC +1**

## 8.4 Shadow Casting diagrams December Solstice

**Existing**

**N**

**Proposed**

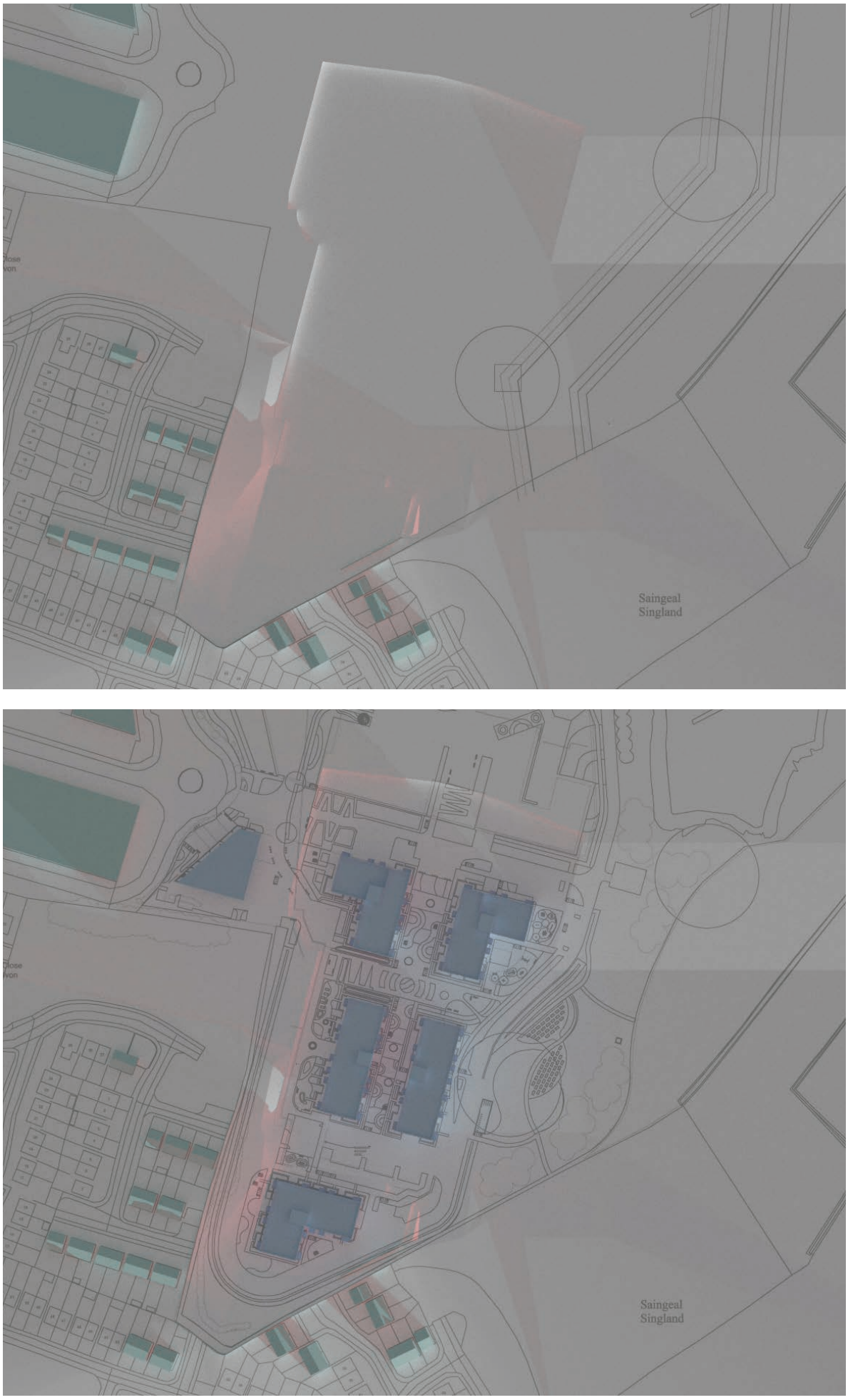
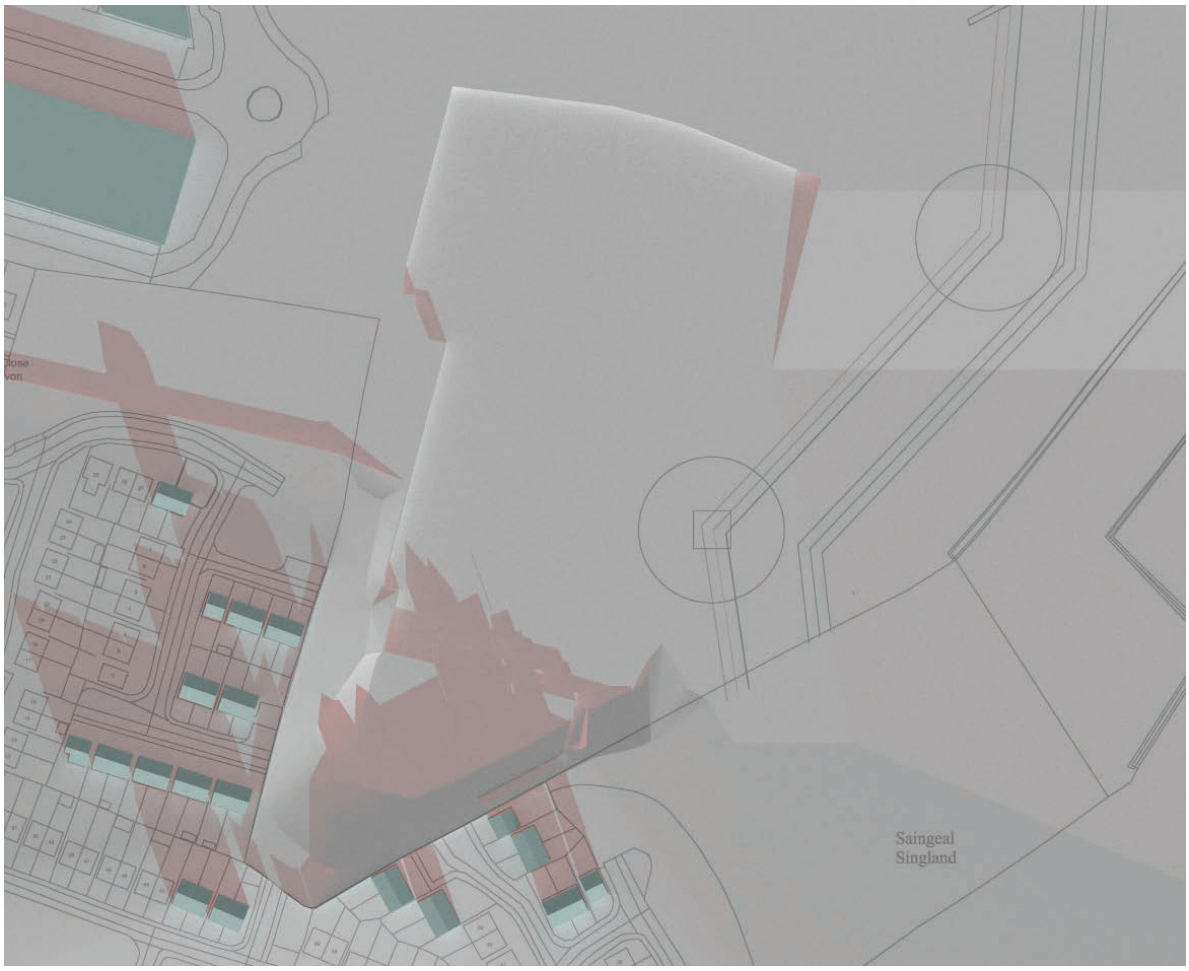



**Figure 18: Shadow diagrams 21 December 09:00 UTC**

Existing

N




Proposed

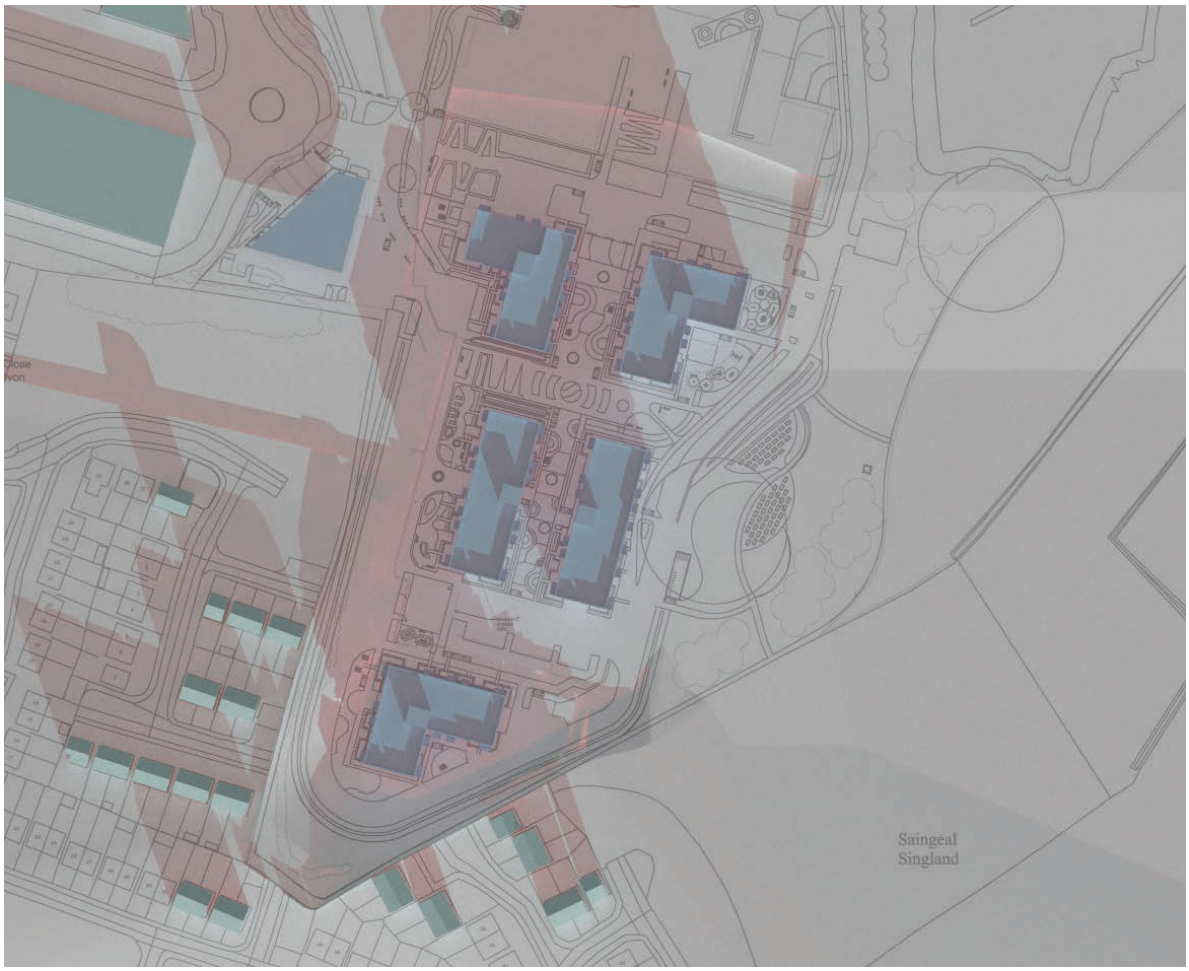
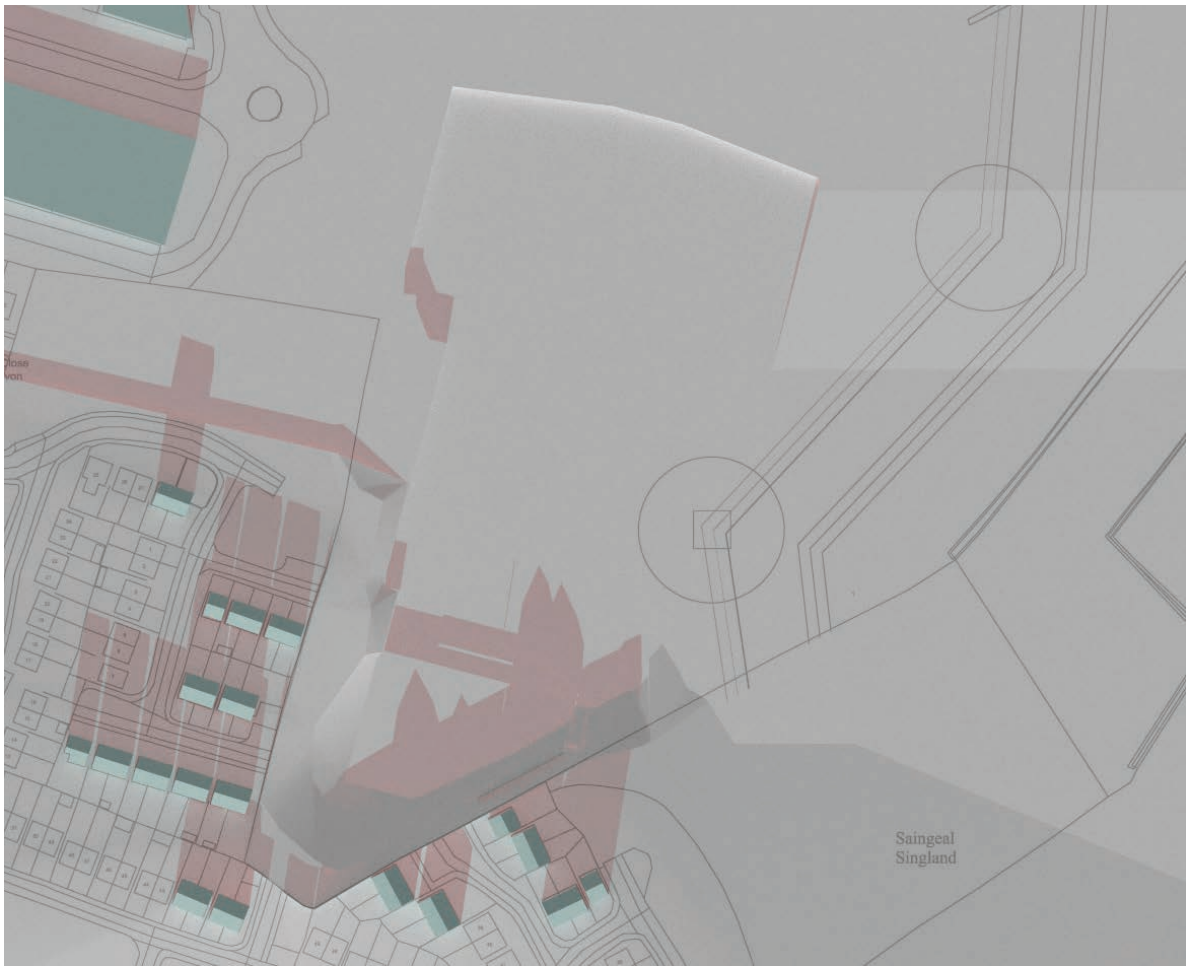



**Figure 19: Shadow diagrams 21 December 11:00 UTC**

Existing

N




Proposed

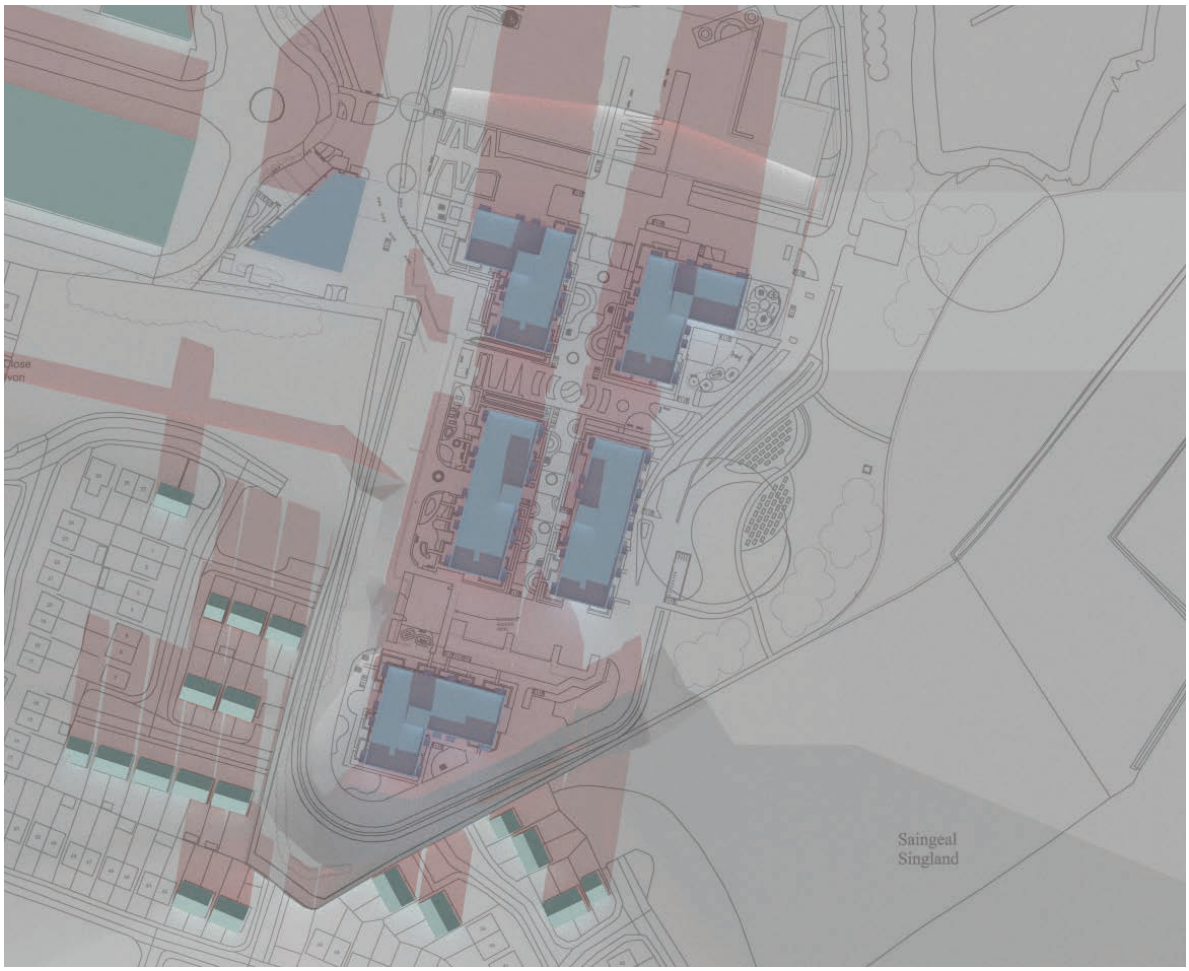
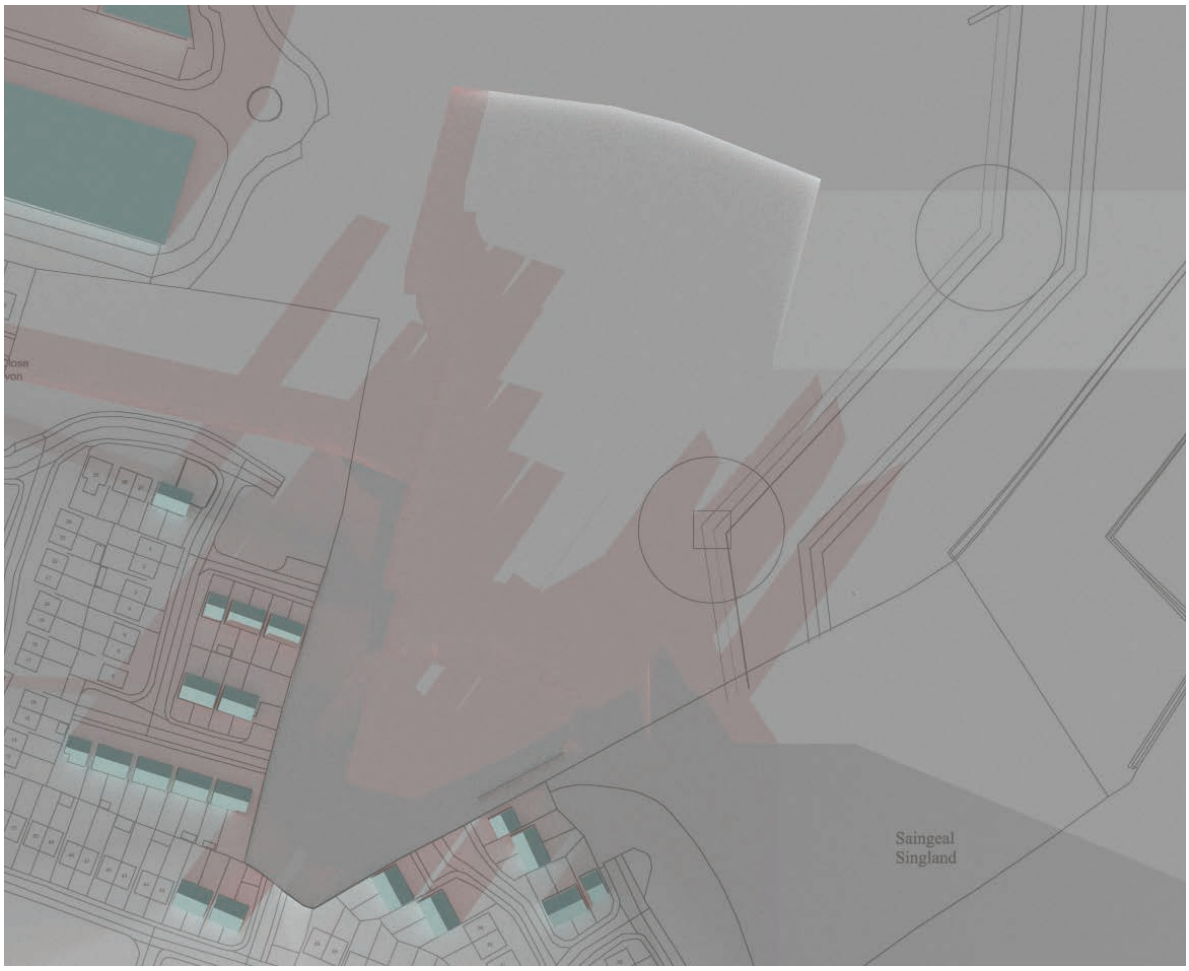



**Figure 20: Shadow diagrams 21 December 13:00 UTC**

Existing

N




Proposed

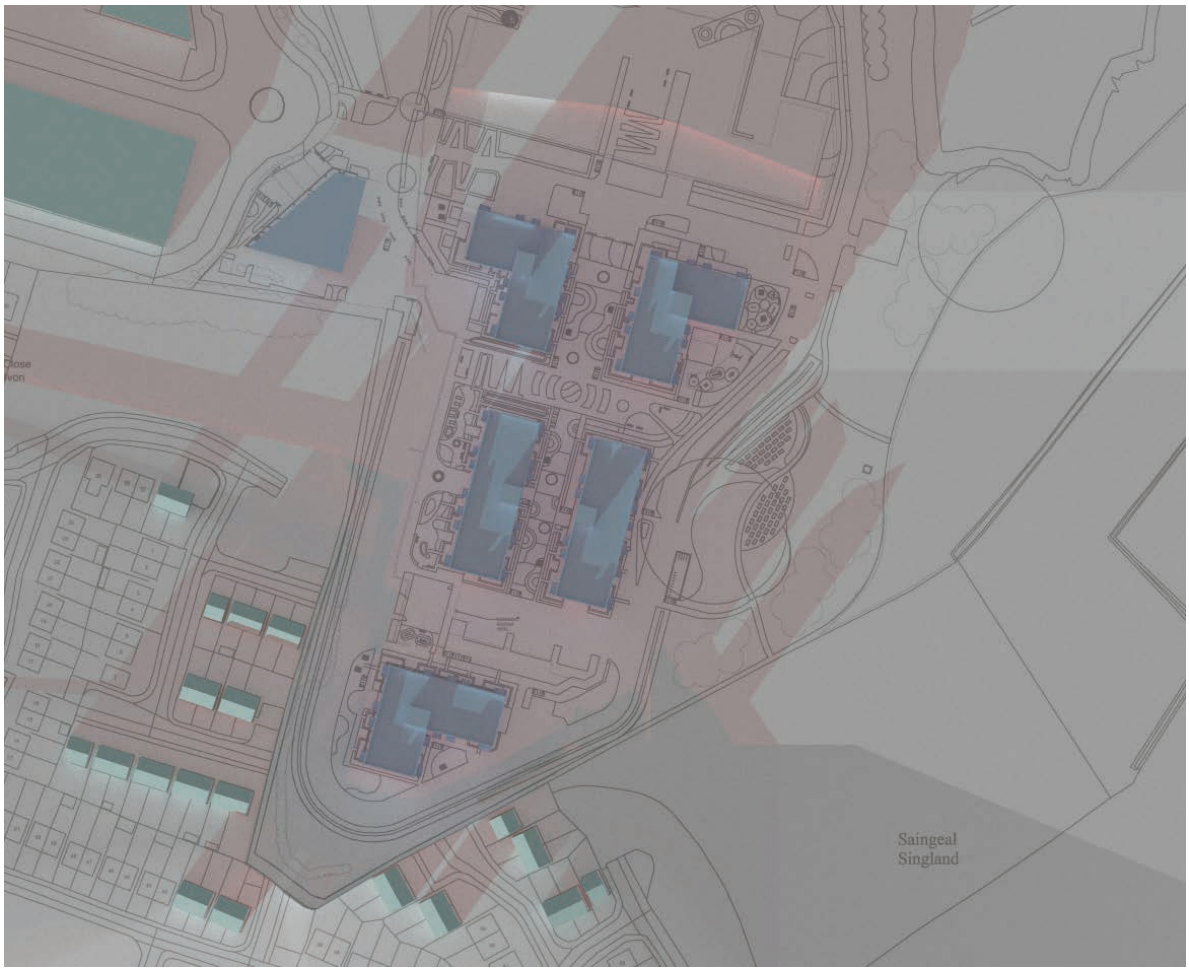



**Figure 21: Shadow diagrams 21 December 15:00 UTC**

## Appendix A -BS EN17037:2021+A1 Minimum room specific Daylight Provision in accordance with UK National Annex Table NA.1.

**Block A**

**Ground Floor**

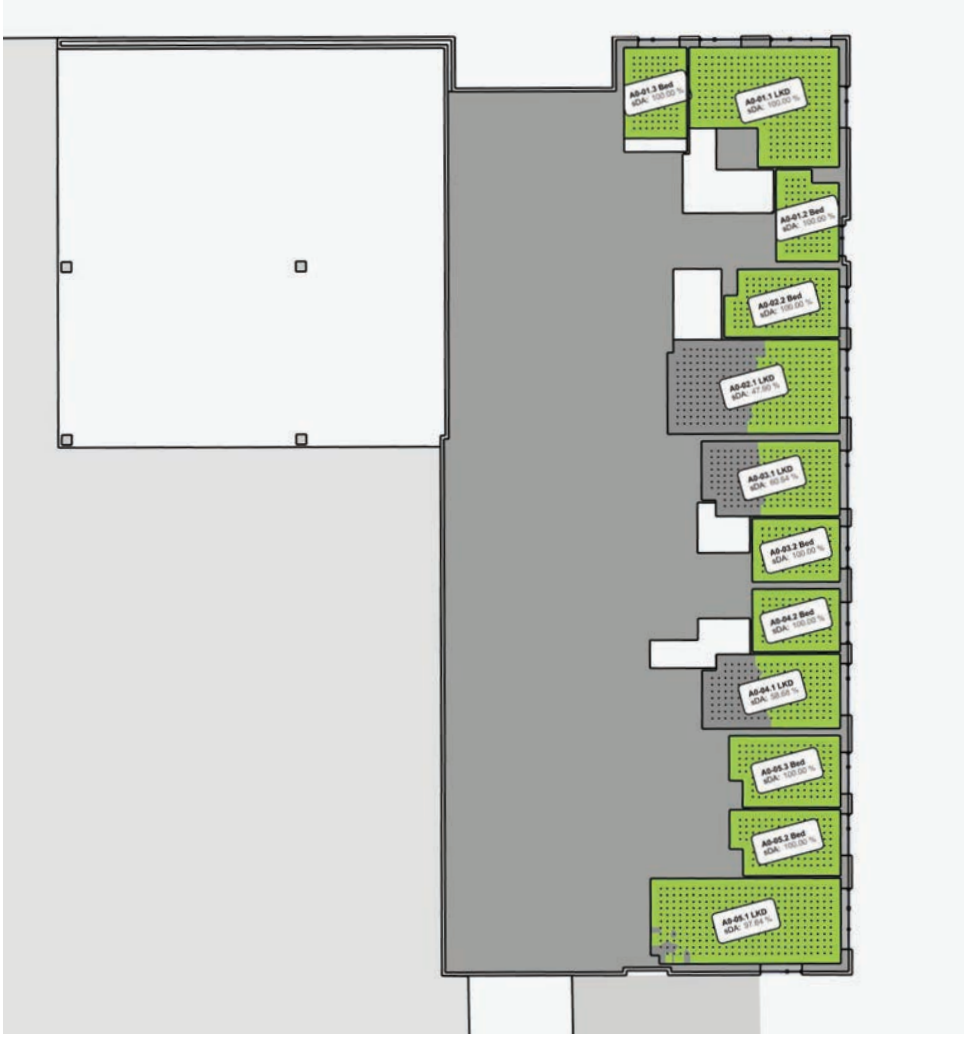



**Figure 22: Block A - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

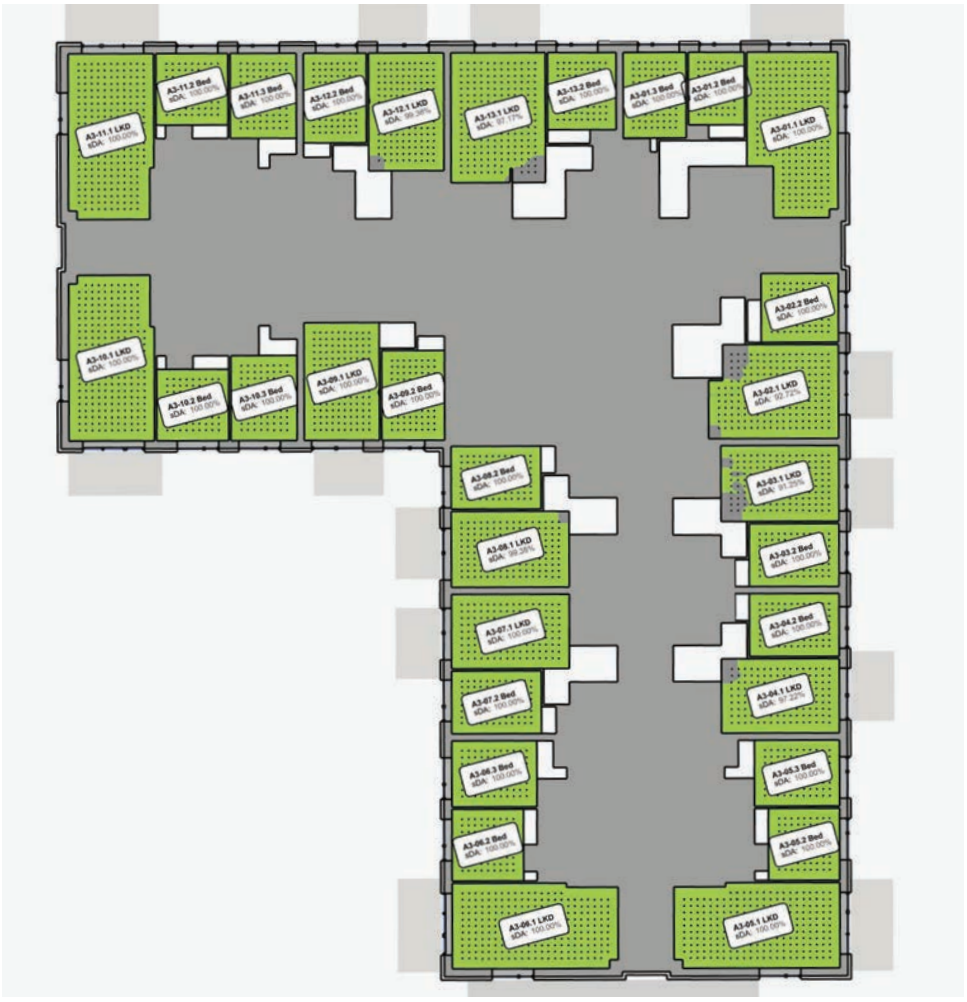
**Block A**

**First Floor**

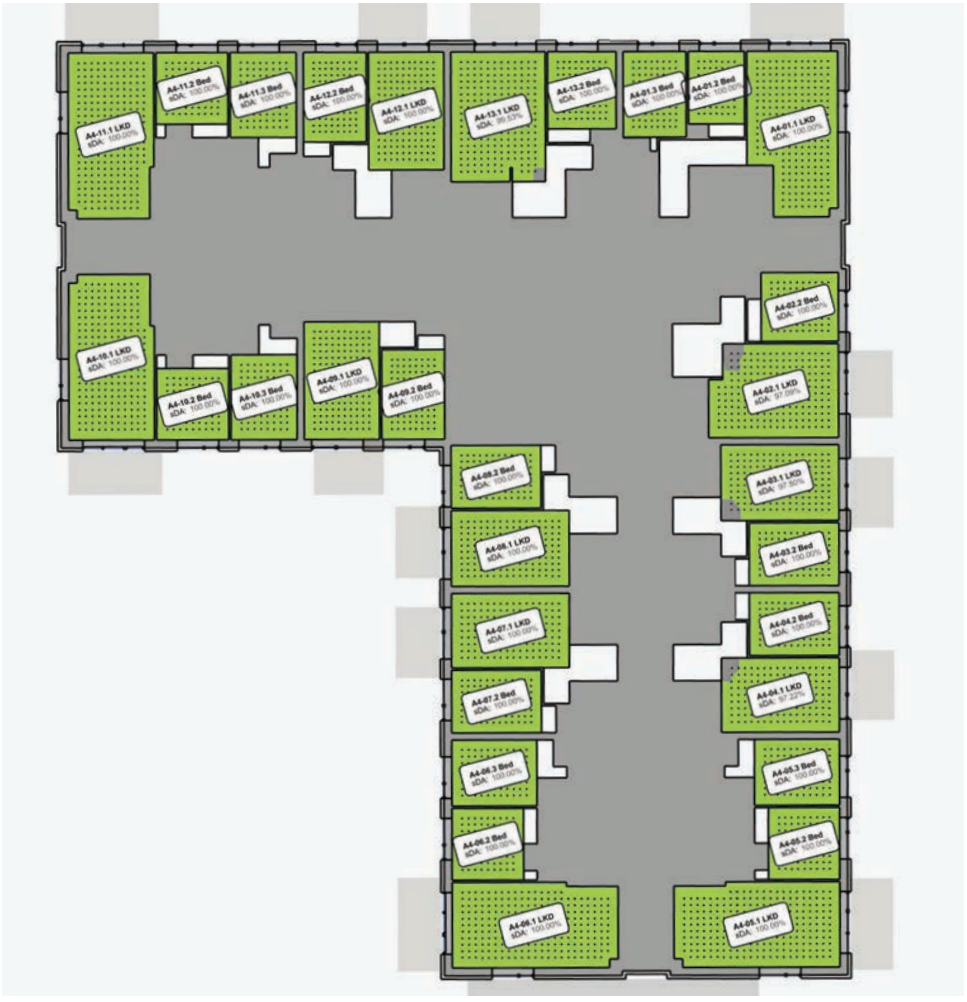
**Second Floor**

**Figure 23: Block A - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block A**



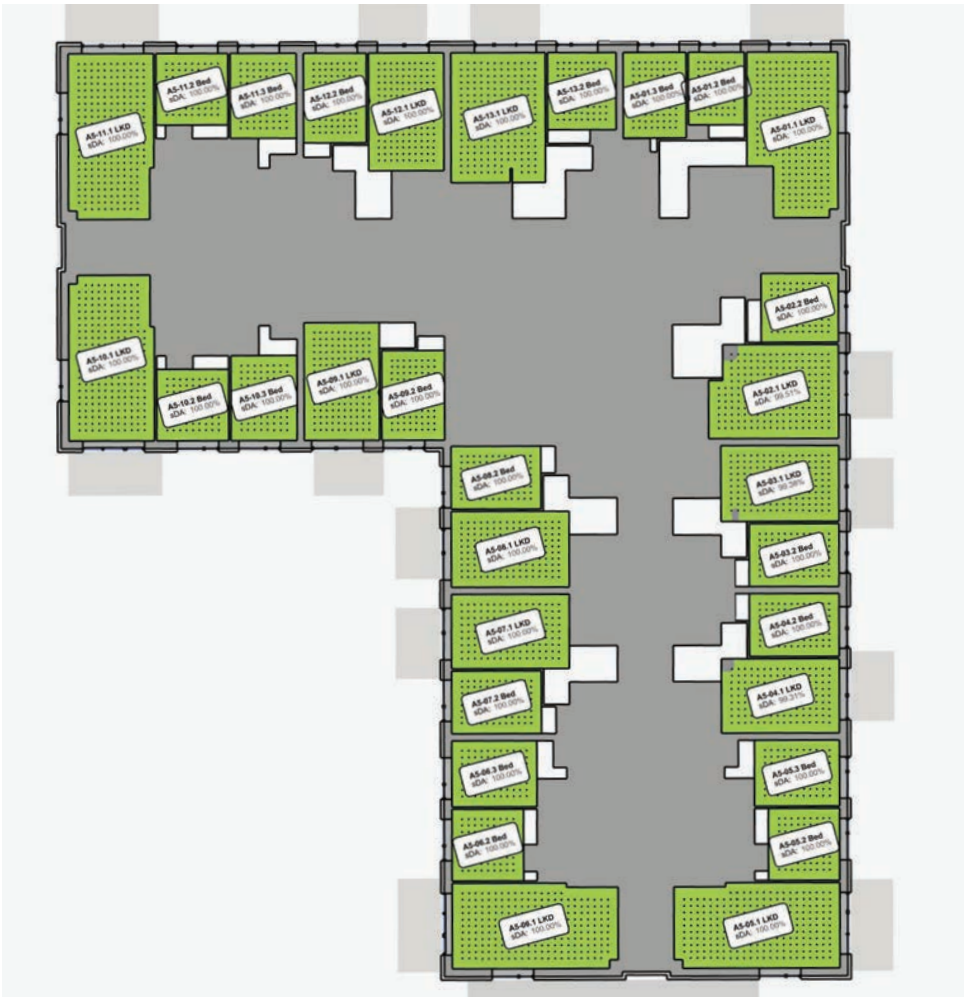
**Third Floor**



**Fourth Floor**

**Figure 24: Block A - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block A**



**Fifth Floor**

**Sixth Floor**

**Figure 25: Block A - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

| Block A Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| A0-01.1 | LKD | 30.3 | 271 | 200 | 985 | 100.0% | Y |
| A0-01.2 | Bed | 10.8 | 88 | 100 | 529 | 100.0% | Y |
| A0-01.3 | Bed | 11.3 | 96 | 100 | 675 | 100.0% | Y |
| A0-02.1 | LKD | 32.0 | 286 | 200 | 300 | 47.9% | N |
| A0-02.2 | Bed | 14.8 | 136 | 100 | 436 | 100.0% | Y |
| A0-03.1 | LKD | 20.1 | 185 | 200 | 365 | 60.5% | Y |
| A0-03.2 | Bed | 10.9 | 88 | 100 | 559 | 100.0% | Y |
| A0-04.1 | LKD | 19.9 | 167 | 200 | 404 | 58.7% | Y |
| A0-04.2 | Bed | 10.9 | 88 | 100 | 530 | 100.0% | Y |
| A0-05.1 | LKD | 32.1 | 296 | 200 | 833 | 97.6% | Y |
| A0-05.2 | Bed | 13.9 | 112 | 100 | 612 | 100.0% | Y |
| A0-05.3 | Bed | 15.1 | 127 | 100 | 611 | 100.0% | Y |
| A1-01.1 | LKD | 27.0 | 243 | 200 | 832 | 100.0% | Y |
| A1-01.2 | Bed | 8.1 | 63 | 100 | 898 | 100.0% | Y |
| A1-01.3 | Bed | 10.7 | 88 | 100 | 796 | 100.0% | Y |
| A1-02.1 | LKD | 23.2 | 206 | 200 | 368 | 75.2% | Y |
| A1-02.2 | Bed | 10.5 | 90 | 100 | 694 | 100.0% | Y |
| A1-03.1 | LKD | 17.6 | 160 | 200 | 367 | 72.5% | Y |
| A1-03.2 | Bed | 11.2 | 96 | 100 | 627 | 100.0% | Y |
| A1-04.1 | LKD | 17.4 | 144 | 200 | 457 | 84.7% | Y |
| A1-04.2 | Bed | 11.2 | 96 | 100 | 572 | 100.0% | Y |
| A1-05.1 | LKD | 27.5 | 245 | 200 | 1018 | 100.0% | Y |
| A1-05.2 | Bed | 10.2 | 81 | 100 | 914 | 100.0% | Y |
| A1-05.3 | Bed | 11.1 | 88 | 100 | 875 | 100.0% | Y |
| A1-06.1 | LKD | 27.5 | 245 | 200 | 1271 | 100.0% | Y |
| A1-06.2 | Bed | 10.2 | 81 | 100 | 1035 | 100.0% | Y |
| A1-06.3 | Bed | 11.1 | 88 | 100 | 1045 | 100.0% | Y |
| A1-07.1 | LKD | 17.4 | 144 | 200 | 612 | 98.6% | Y |
| A1-07.2 | Bed | 11.2 | 96 | 100 | 986 | 100.0% | Y |
| A1-08.1 | LKD | 17.6 | 160 | 200 | 590 | 98.8% | Y |
| A1-08.2 | Bed | 11.2 | 96 | 100 | 582 | 100.0% | Y |
| A1-09.1 | LKD | 17.6 | 160 | 200 | 836 | 100.0% | Y |
| A1-09.2 | Bed | 11.2 | 96 | 100 | 770 | 100.0% | Y |
| A1-10.1 | LKD | 27.5 | 245 | 200 | 1307 | 100.0% | Y |
| A1-10.2 | Bed | 10.2 | 81 | 100 | 1646 | 100.0% | Y |
| A1-10.3 | Bed | 11.1 | 88 | 100 | 1548 | 100.0% | Y |
| A1-11.1 | LKD | 27.5 | 245 | 200 | 949 | 100.0% | Y |
| A1-11.2 | Bed | 10.2 | 81 | 100 | 810 | 100.0% | Y |
| A1-11.3 | Bed | 11.1 | 88 | 100 | 756 | 100.0% | Y |
| A1-12.1 | LKD | 17.6 | 160 | 200 | 507 | 100.0% | Y |
| A1-12.2 | Bed | 11.2 | 96 | 100 | 688 | 100.0% | Y |
| A1-13.1 | LKD | 24.2 | 212 | 200 | 478 | 98.6% | Y |
| A1-13.2 | Bed | 10.5 | 90 | 100 | 785 | 100.0% | Y |
| A2-01.1 | LKD | 27.0 | 243 | 200 | 889 | 100.0% | Y |
| A2-01.2 | Bed | 8.1 | 63 | 100 | 914 | 100.0% | Y |
| A2-01.3 | Bed | 10.7 | 88 | 100 | 821 | 100.0% | Y |
| A2-02.1 | LKD | 23.2 | 206 | 200 | 401 | 83.0% | Y |
| A2-02.2 | Bed | 10.5 | 90 | 100 | 813 | 100.0% | Y |
| A2-03.1 | LKD | 17.6 | 160 | 200 | 405 | 81.9% | Y |
| A2-03.2 | Bed | 11.2 | 96 | 100 | 738 | 100.0% | Y |
| A2-04.1 | LKD | 17.4 | 144 | 200 | 491 | 93.8% | Y |

| Block A Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| A2-04.2 | Bed | 11.2 | 96 | 100 | 672 | 100.0% | Y |
| A2-05.1 | LKD | 27.5 | 245 | 200 | 1113 | 100.0% | Y |
| A2-05.2 | Bed | 10.2 | 81 | 100 | 1000 | 100.0% | Y |
| A2-05.3 | Bed | 11.1 | 88 | 100 | 971 | 100.0% | Y |
| A2-06.1 | LKD | 27.5 | 245 | 200 | 1337 | 100.0% | Y |
| A2-06.2 | Bed | 10.2 | 81 | 100 | 1083 | 100.0% | Y |
| A2-06.3 | Bed | 11.1 | 88 | 100 | 1078 | 100.0% | Y |
| A2-07.1 | LKD | 17.4 | 144 | 200 | 641 | 100.0% | Y |
| A2-07.2 | Bed | 11.2 | 96 | 100 | 1017 | 100.0% | Y |
| A2-08.1 | LKD | 17.6 | 160 | 200 | 618 | 100.0% | Y |
| A2-08.2 | Bed | 11.2 | 96 | 100 | 626 | 100.0% | Y |
| A2-09.1 | LKD | 17.6 | 160 | 200 | 872 | 100.0% | Y |
| A2-09.2 | Bed | 11.2 | 96 | 100 | 814 | 100.0% | Y |
| A2-10.1 | LKD | 27.5 | 245 | 200 | 1353 | 100.0% | Y |
| A2-10.2 | Bed | 10.2 | 81 | 100 | 1733 | 100.0% | Y |
| A2-10.3 | Bed | 11.1 | 88 | 100 | 1617 | 100.0% | Y |
| A2-11.1 | LKD | 27.5 | 245 | 200 | 968 | 100.0% | Y |
| A2-11.2 | Bed | 10.2 | 81 | 100 | 828 | 100.0% | Y |
| A2-11.3 | Bed | 11.1 | 88 | 100 | 781 | 100.0% | Y |
| A2-12.1 | LKD | 17.6 | 160 | 200 | 519 | 100.0% | Y |
| A2-12.2 | Bed | 11.2 | 96 | 100 | 703 | 100.0% | Y |
| A2-13.1 | LKD | 24.2 | 212 | 200 | 491 | 99.1% | Y |
| A2-13.2 | Bed | 10.5 | 90 | 100 | 810 | 100.0% | Y |
| A3-01.1 | LKD | 27.0 | 243 | 200 | 920 | 100.0% | Y |
| A3-01.2 | Bed | 8.1 | 63 | 100 | 903 | 100.0% | Y |
| A3-01.3 | Bed | 10.7 | 88 | 100 | 809 | 100.0% | Y |
| A3-02.1 | LKD | 23.2 | 206 | 200 | 453 | 92.7% | Y |
| A3-02.2 | Bed | 10.5 | 90 | 100 | 958 | 100.0% | Y |
| A3-03.1 | LKD | 17.6 | 160 | 200 | 455 | 91.3% | Y |
| A3-03.2 | Bed | 11.2 | 96 | 100 | 858 | 100.0% | Y |
| A3-04.1 | LKD | 17.4 | 144 | 200 | 548 | 97.2% | Y |
| A3-04.2 | Bed | 11.2 | 96 | 100 | 790 | 100.0% | Y |
| A3-05.1 | LKD | 27.5 | 245 | 200 | 1215 | 100.0% | Y |
| A3-05.2 | Bed | 10.2 | 81 | 100 | 1112 | 100.0% | Y |
| A3-05.3 | Bed | 11.1 | 88 | 100 | 1072 | 100.0% | Y |
| A3-06.1 | LKD | 27.5 | 245 | 200 | 1375 | 100.0% | Y |
| A3-06.2 | Bed | 10.2 | 81 | 100 | 1068 | 100.0% | Y |
| A3-06.3 | Bed | 11.1 | 88 | 100 | 1077 | 100.0% | Y |
| A3-07.1 | LKD | 17.4 | 144 | 200 | 640 | 100.0% | Y |
| A3-07.2 | Bed | 11.2 | 96 | 100 | 1017 | 100.0% | Y |
| A3-08.1 | LKD | 17.6 | 160 | 200 | 610 | 99.4% | Y |
| A3-08.2 | Bed | 11.2 | 96 | 100 | 634 | 100.0% | Y |
| A3-09.1 | LKD | 17.6 | 160 | 200 | 893 | 100.0% | Y |
| A3-09.2 | Bed | 11.2 | 96 | 100 | 826 | 100.0% | Y |
| A3-10.1 | LKD | 27.5 | 245 | 200 | 1343 | 100.0% | Y |
| A3-10.2 | Bed | 10.2 | 81 | 100 | 1838 | 100.0% | Y |
| A3-10.3 | Bed | 11.1 | 88 | 100 | 1680 | 100.0% | Y |
| A3-11.1 | LKD | 27.5 | 245 | 200 | 929 | 100.0% | Y |
| A3-11.2 | Bed | 10.2 | 81 | 100 | 818 | 100.0% | Y |
| A3-11.3 | Bed | 11.1 | 88 | 100 | 771 | 100.0% | Y |
| A3-12.1 | LKD | 17.6 | 160 | 200 | 507 | 99.4% | Y |

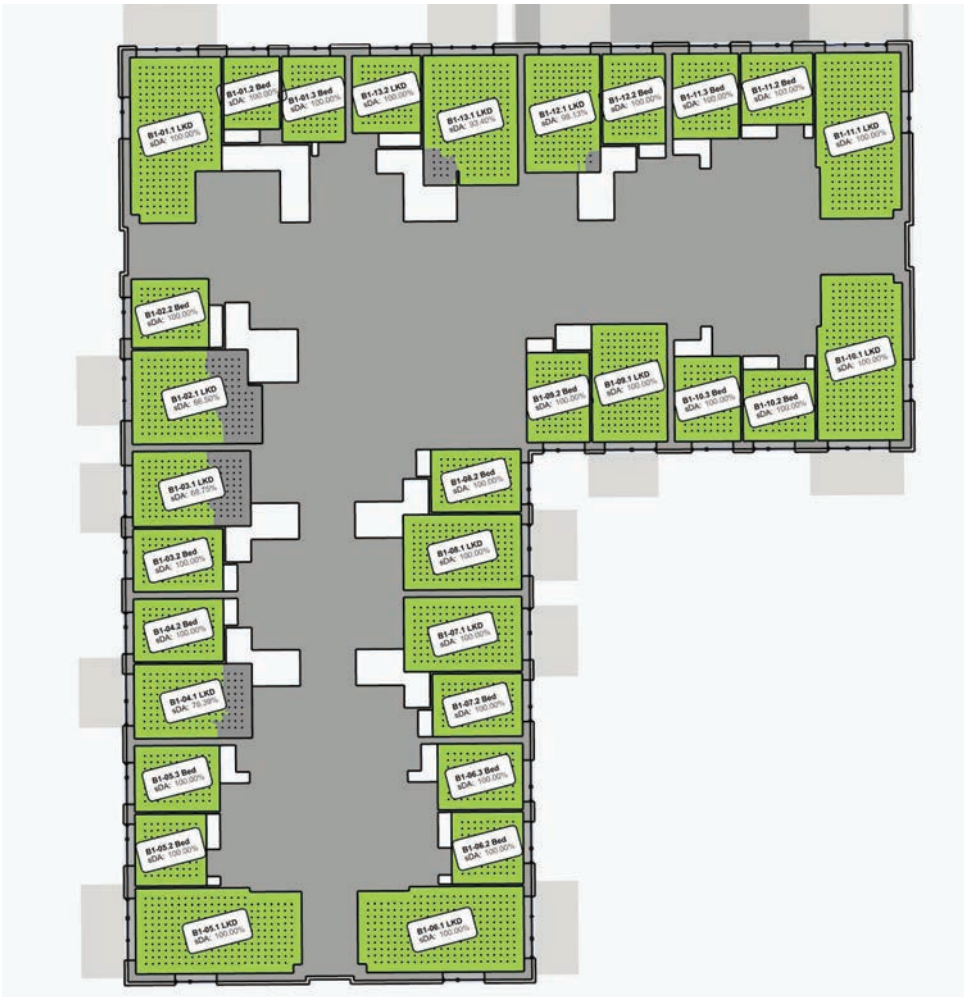
| Block A Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| A3-12.2 | Bed | 11.2 | 96 | 100 | 694 | 100.0% | Y |
| A3-13.1 | LKD | 24.2 | 212 | 200 | 477 | 97.2% | Y |
| A3-13.2 | Bed | 10.5 | 90 | 100 | 795 | 100.0% | Y |
| A4-01.1 | LKD | 27.0 | 243 | 200 | 1010 | 100.0% | Y |
| A4-01.2 | Bed | 8.1 | 63 | 100 | 954 | 100.0% | Y |
| A4-01.3 | Bed | 10.7 | 88 | 100 | 853 | 100.0% | Y |
| A4-02.1 | LKD | 23.2 | 206 | 200 | 544 | 97.1% | Y |
| A4-02.2 | Bed | 10.5 | 90 | 100 | 1147 | 100.0% | Y |
| A4-03.1 | LKD | 17.6 | 160 | 200 | 553 | 97.5% | Y |
| A4-03.2 | Bed | 11.2 | 96 | 100 | 1004 | 100.0% | Y |
| A4-04.1 | LKD | 17.4 | 144 | 200 | 632 | 97.2% | Y |
| A4-04.2 | Bed | 11.2 | 96 | 100 | 934 | 100.0% | Y |
| A4-05.1 | LKD | 27.5 | 245 | 200 | 1355 | 100.0% | Y |
| A4-05.2 | Bed | 10.2 | 81 | 100 | 1270 | 100.0% | Y |
| A4-05.3 | Bed | 11.1 | 88 | 100 | 1210 | 100.0% | Y |
| A4-06.1 | LKD | 27.5 | 245 | 200 | 1444 | 100.0% | Y |
| A4-06.2 | Bed | 10.2 | 81 | 100 | 1108 | 100.0% | Y |
| A4-06.3 | Bed | 11.1 | 88 | 100 | 1103 | 100.0% | Y |
| A4-07.1 | LKD | 17.4 | 144 | 200 | 676 | 100.0% | Y |
| A4-07.2 | Bed | 11.2 | 96 | 100 | 1048 | 100.0% | Y |
| A4-08.1 | LKD | 17.6 | 160 | 200 | 643 | 100.0% | Y |
| A4-08.2 | Bed | 11.2 | 96 | 100 | 708 | 100.0% | Y |
| A4-09.1 | LKD | 17.6 | 160 | 200 | 937 | 100.0% | Y |
| A4-09.2 | Bed | 11.2 | 96 | 100 | 868 | 100.0% | Y |
| A4-10.1 | LKD | 27.5 | 245 | 200 | 1399 | 100.0% | Y |
| A4-10.2 | Bed | 10.2 | 81 | 100 | 1926 | 100.0% | Y |
| A4-10.3 | Bed | 11.1 | 88 | 100 | 1766 | 100.0% | Y |
| A4-11.1 | LKD | 27.5 | 245 | 200 | 976 | 100.0% | Y |
| A4-11.2 | Bed | 10.2 | 81 | 100 | 868 | 100.0% | Y |
| A4-11.3 | Bed | 11.1 | 88 | 100 | 819 | 100.0% | Y |
| A4-12.1 | LKD | 17.6 | 160 | 200 | 548 | 100.0% | Y |
| A4-12.2 | Bed | 11.2 | 96 | 100 | 742 | 100.0% | Y |
| A4-13.1 | LKD | 24.2 | 212 | 200 | 514 | 99.5% | Y |
| A4-13.2 | Bed | 10.5 | 90 | 100 | 839 | 100.0% | Y |
| A5-01.1 | LKD | 27.0 | 243 | 200 | 1098 | 100.0% | Y |
| A5-01.2 | Bed | 8.1 | 63 | 100 | 994 | 100.0% | Y |
| A5-01.3 | Bed | 10.7 | 88 | 100 | 887 | 100.0% | Y |
| A5-02.1 | LKD | 23.2 | 206 | 200 | 669 | 99.5% | Y |
| A5-02.2 | Bed | 10.5 | 90 | 100 | 1314 | 100.0% | Y |
| A5-03.1 | LKD | 17.6 | 160 | 200 | 680 | 99.4% | Y |
| A5-03.2 | Bed | 11.2 | 96 | 100 | 1166 | 100.0% | Y |
| A5-04.1 | LKD | 17.4 | 144 | 200 | 745 | 99.3% | Y |
| A5-04.2 | Bed | 11.2 | 96 | 100 | 1096 | 100.0% | Y |
| A5-05.1 | LKD | 27.5 | 245 | 200 | 1493 | 100.0% | Y |
| A5-05.2 | Bed | 10.2 | 81 | 100 | 1417 | 100.0% | Y |
| A5-05.3 | Bed | 11.1 | 88 | 100 | 1338 | 100.0% | Y |
| A5-06.1 | LKD | 27.5 | 245 | 200 | 1519 | 100.0% | Y |
| A5-06.2 | Bed | 10.2 | 81 | 100 | 1129 | 100.0% | Y |
| A5-06.3 | Bed | 11.1 | 88 | 100 | 1148 | 100.0% | Y |
| A5-07.1 | LKD | 17.4 | 144 | 200 | 711 | 100.0% | Y |
| A5-07.2 | Bed | 11.2 | 96 | 100 | 1072 | 100.0% | Y |

| Block A Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| A5-08.1 | LKD | 17.6 | 160 | 200 | 698 | 100.0% | Y |
| A5-08.2 | Bed | 11.2 | 96 | 100 | 854 | 100.0% | Y |
| A5-09.1 | LKD | 17.6 | 160 | 200 | 1546 | 100.0% | Y |
| A5-09.2 | Bed | 11.2 | 96 | 100 | 1276 | 100.0% | Y |
| A5-10.1 | LKD | 27.5 | 245 | 200 | 2048 | 100.0% | Y |
| A5-10.2 | Bed | 10.2 | 81 | 100 | 2120 | 100.0% | Y |
| A5-10.3 | Bed | 11.1 | 88 | 100 | 1867 | 100.0% | Y |
| A5-11.1 | LKD | 27.5 | 245 | 200 | 1179 | 100.0% | Y |
| A5-11.2 | Bed | 10.2 | 81 | 100 | 923 | 100.0% | Y |
| A5-11.3 | Bed | 11.1 | 88 | 100 | 862 | 100.0% | Y |
| A5-12.1 | LKD | 17.6 | 160 | 200 | 765 | 100.0% | Y |
| A5-12.2 | Bed | 11.2 | 96 | 100 | 836 | 100.0% | Y |
| A5-13.1 | LKD | 24.2 | 212 | 200 | 715 | 100.0% | Y |
| A5-13.2 | Bed | 10.5 | 90 | 100 | 897 | 100.0% | Y |
| A6-01.1 | LKD | 27.0 | 243 | 200 | 1331 | 100.0% | Y |
| A6-01.2 | Bed | 8.1 | 63 | 100 | 1068 | 100.0% | Y |
| A6-01.3 | Bed | 10.7 | 88 | 100 | 912 | 100.0% | Y |
| A6-02.1 | LKD | 23.2 | 206 | 200 | 1236 | 100.0% | Y |
| A6-02.2 | Bed | 10.5 | 90 | 100 | 1547 | 100.0% | Y |
| A6-03.1 | LKD | 17.6 | 160 | 200 | 1323 | 100.0% | Y |
| A6-03.2 | Bed | 11.2 | 96 | 100 | 1361 | 100.0% | Y |
| A6-04.1 | LKD | 17.4 | 144 | 200 | 1326 | 100.0% | Y |
| A6-04.2 | Bed | 11.2 | 96 | 100 | 1403 | 100.0% | Y |
| A6-05.1 | LKD | 27.5 | 245 | 200 | 2050 | 100.0% | Y |
| A6-05.2 | Bed | 10.2 | 81 | 100 | 1603 | 100.0% | Y |
| A6-05.3 | Bed | 11.1 | 88 | 100 | 1475 | 100.0% | Y |
| A6-06.1 | LKD | 27.5 | 245 | 200 | 1836 | 100.0% | Y |
| A6-06.2 | Bed | 11.1 | 88 | 100 | 1161 | 100.0% | Y |
| A6-06.3 | Bed | 10.2 | 81 | 100 | 1226 | 100.0% | Y |
| A6-07.1 | LKD | 17.4 | 144 | 200 | 1084 | 100.0% | Y |
| A6-07.2 | Bed | 11.2 | 96 | 100 | 1156 | 100.0% | Y |
| A6-08.1 | LKD | 17.6 | 160 | 200 | 1076 | 100.0% | Y |
| A6-08.2 | Bed | 11.2 | 96 | 100 | 1193 | 100.0% | Y |

**Table 10: Minimum Daylight Provision Compliance for Habitable Rooms to BS EN17037:2018+A1:2021**

**Block B**


**Ground Floor**

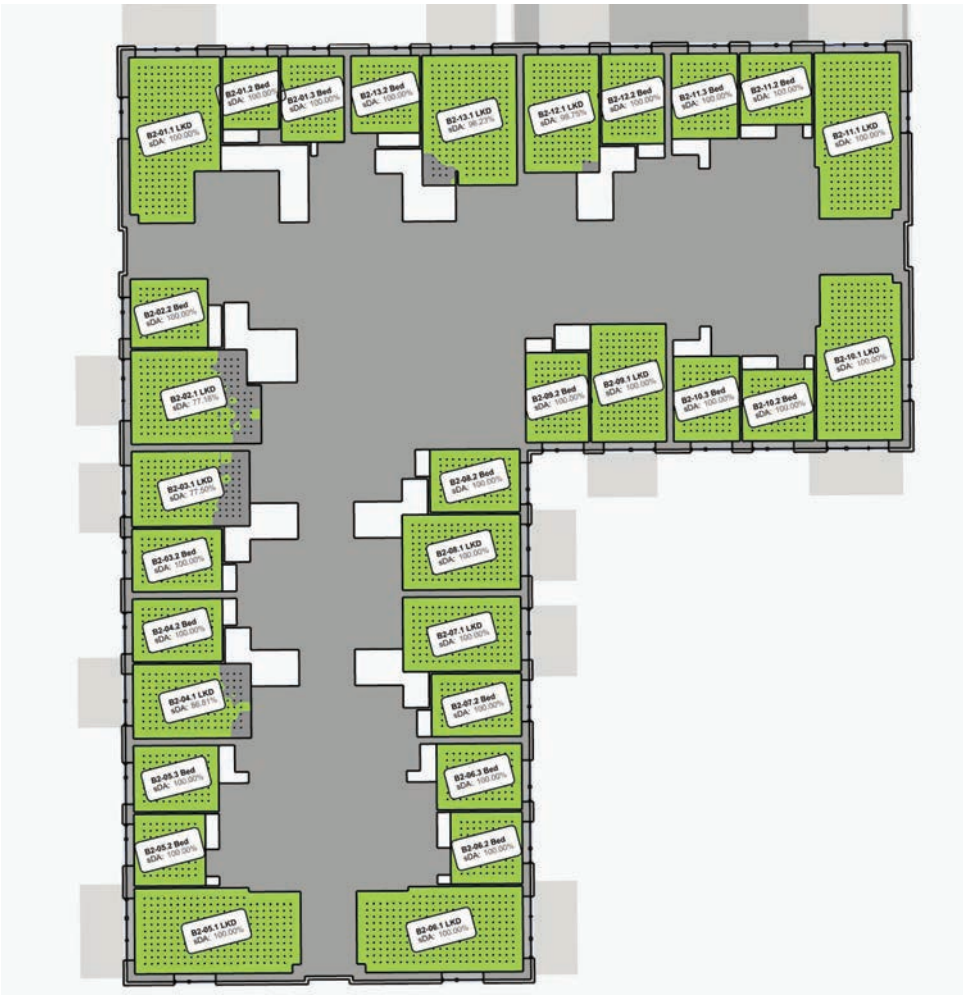



**First Floor**

**Figure 26: Block B - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block B**

**Second Floor**



**Third Floor**

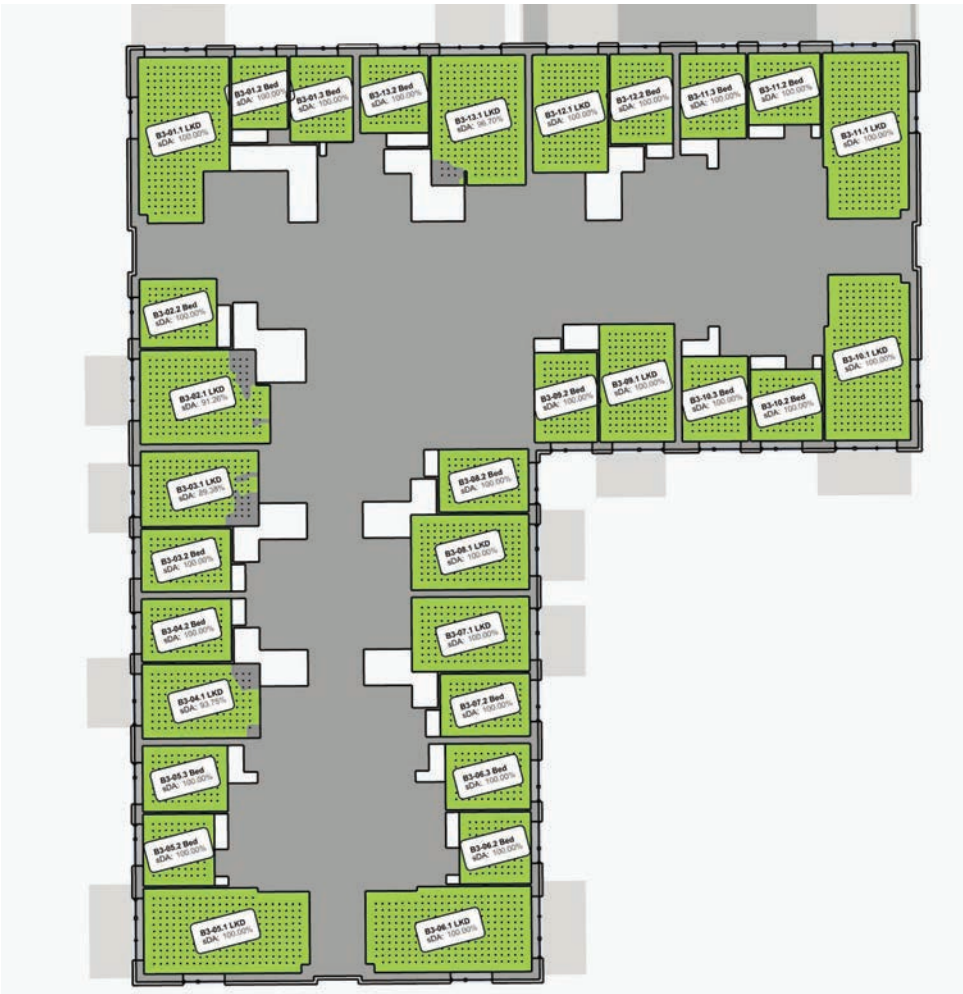
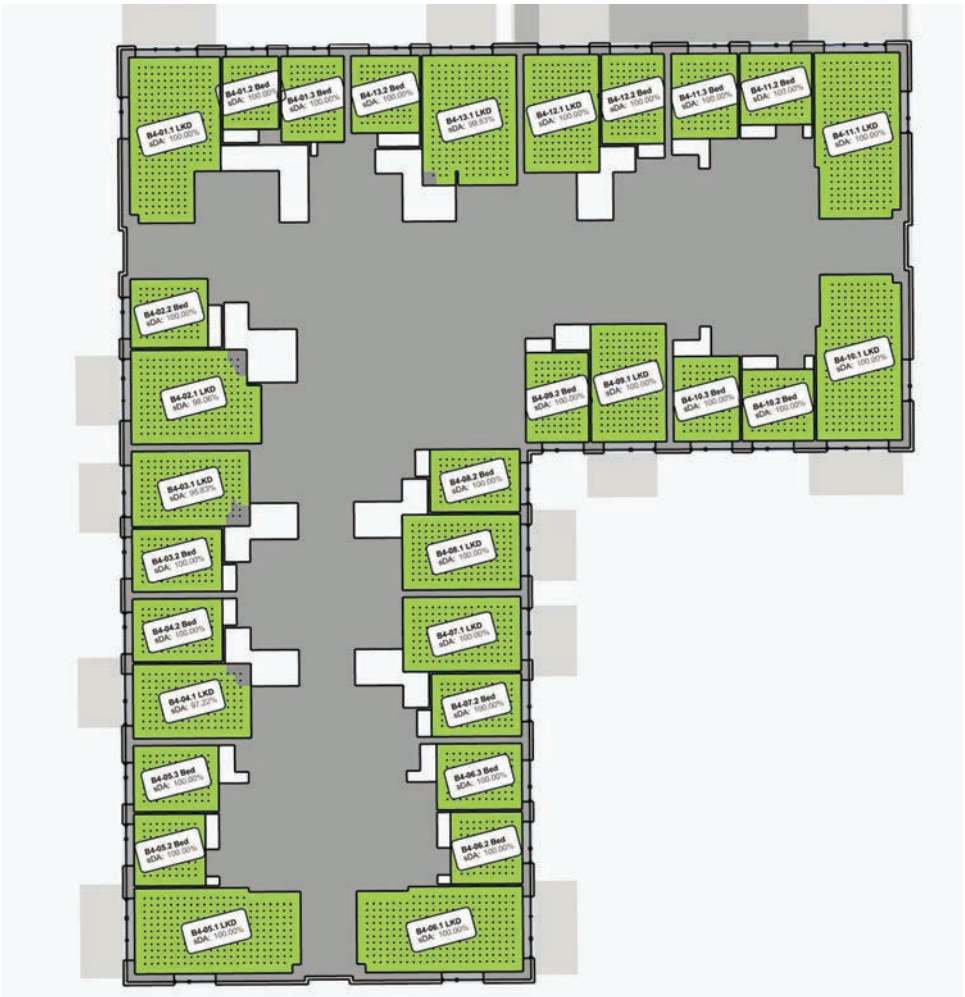
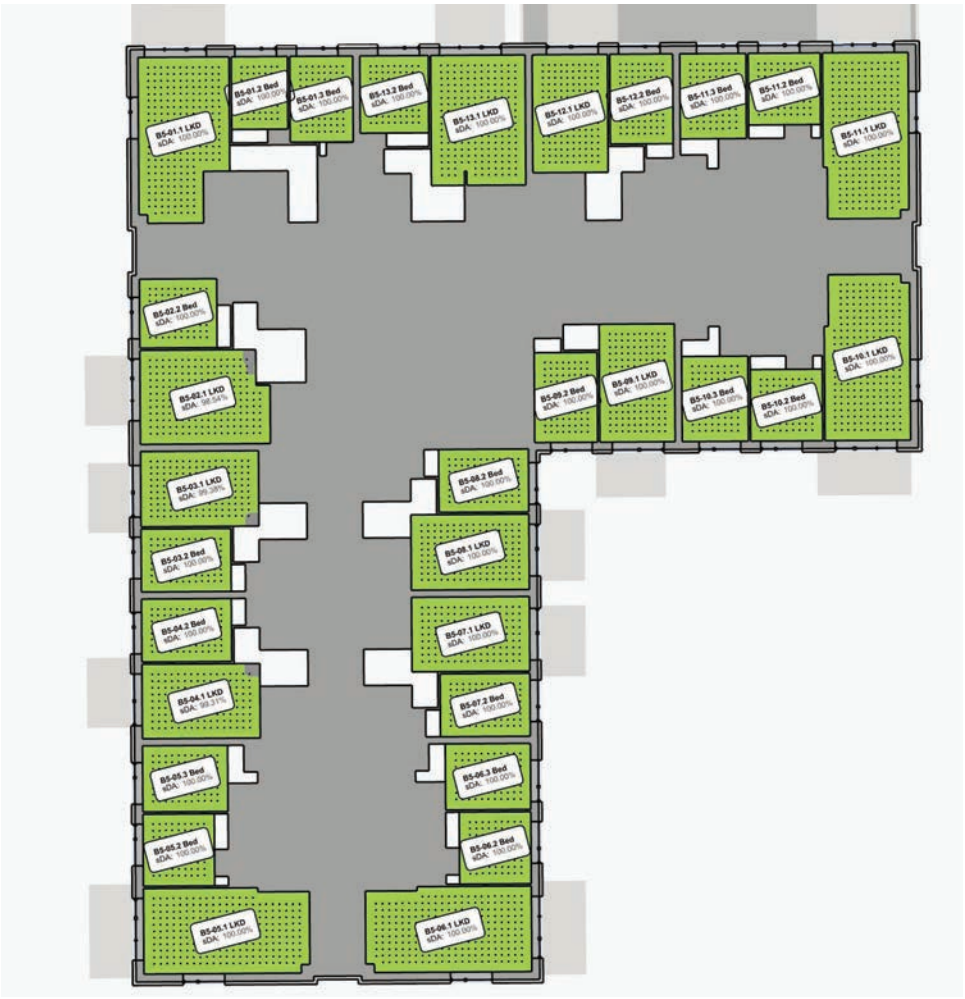


**Figure 27: Block B - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block B**



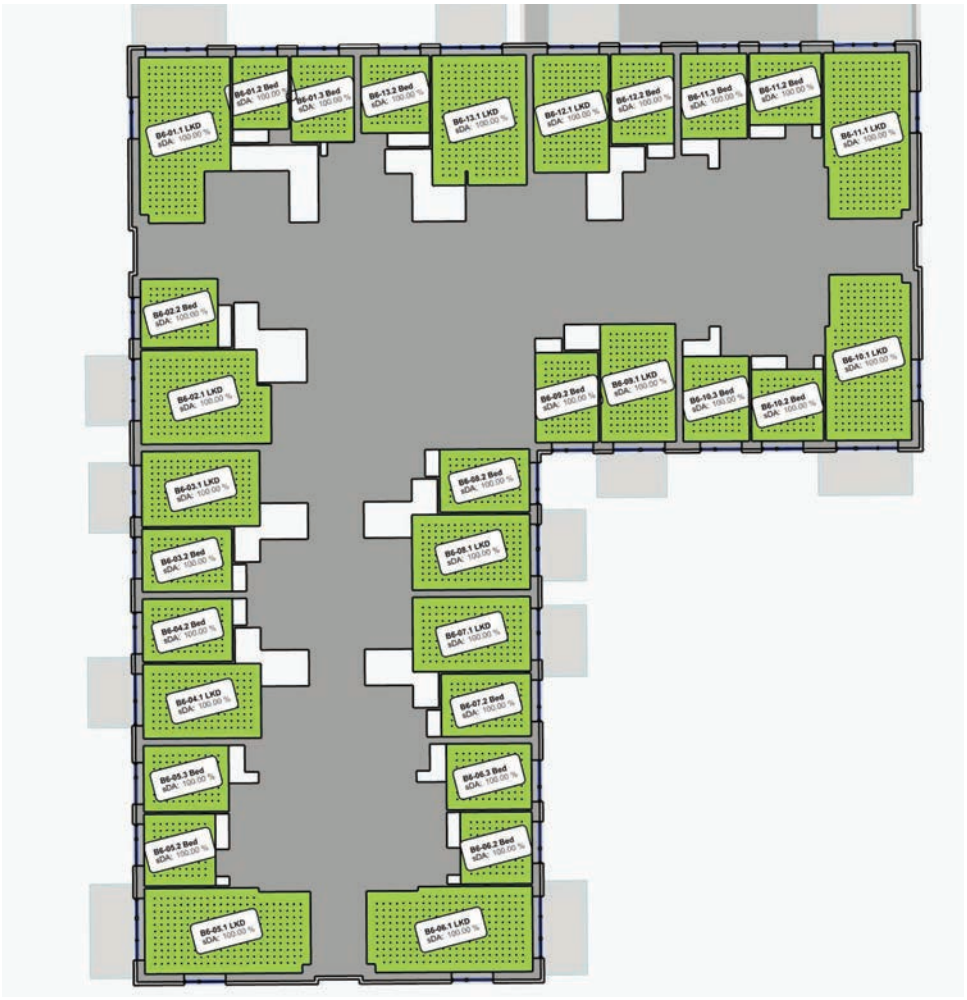
**Fourth Floor**



**Fifth Floor**

**Figure 28: Block B - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

Sixth Floor




Seventh Floor


**Figure 29: Block B - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

| Block B Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| B0-01.1 | LKD | 30.2 | 271 | 200 | 939 | 100.0% | Y |
| B0-01.2 | Bed | 10.8 | 88 | 100 | 485 | 100.0% | Y |
| B0-01.3 | Bed | 11.3 | 96 | 100 | 677 | 100.0% | Y |
| B0-02.1 | LKD | 30.8 | 272 | 200 | 266 | 43.4% | N |
| B0-02.2 | Bed | 14.9 | 136 | 100 | 398 | 100.0% | Y |
| B0-03.1 | LKD | 20.2 | 185 | 200 | 306 | 48.6% | N |
| B0-03.2 | Bed | 10.9 | 88 | 100 | 542 | 100.0% | Y |
| B0-04.1 | LKD | 19.9 | 167 | 200 | 371 | 52.7% | Y |
| B0-04.2 | Bed | 10.9 | 88 | 100 | 507 | 100.0% | Y |
| B0-05.1 | LKD | 32.2 | 297 | 200 | 777 | 96.0% | Y |
| B0-05.2 | Bed | 12.8 | 104 | 100 | 537 | 100.0% | Y |
| B0-05.3 | Bed | 13.9 | 117 | 100 | 585 | 100.0% | Y |
| B0-06.1 | LKD | 32.2 | 297 | 200 | 1344 | 100.0% | Y |
| B0-06.2 | Bed | 12.8 | 104 | 100 | 1246 | 100.0% | Y |
| B0-06.3 | Bed | 13.9 | 117 | 100 | 1309 | 100.0% | Y |
| B1-01.1 | LKD | 27.0 | 243 | 200 | 771 | 100.0% | Y |
| B1-01.2 | Bed | 8.1 | 63 | 100 | 891 | 100.0% | Y |
| B1-01.3 | Bed | 10.7 | 88 | 100 | 790 | 100.0% | Y |
| B1-02.1 | LKD | 23.2 | 206 | 200 | 358 | 72.3% | Y |
| B1-02.2 | Bed | 10.5 | 90 | 100 | 657 | 100.0% | Y |
| B1-03.1 | LKD | 17.6 | 160 | 200 | 361 | 68.8% | Y |
| B1-03.2 | Bed | 11.2 | 96 | 100 | 628 | 100.0% | Y |
| B1-04.1 | LKD | 17.4 | 144 | 200 | 436 | 79.9% | Y |
| B1-04.2 | Bed | 11.2 | 96 | 100 | 559 | 100.0% | Y |
| B1-05.1 | LKD | 27.5 | 245 | 200 | 957 | 100.0% | Y |
| B1-05.2 | Bed | 10.2 | 81 | 100 | 769 | 100.0% | Y |
| B1-05.3 | Bed | 11.1 | 88 | 100 | 764 | 100.0% | Y |
| B1-06.1 | LKD | 27.5 | 245 | 200 | 1491 | 100.0% | Y |
| B1-06.2 | Bed | 10.2 | 81 | 100 | 1611 | 100.0% | Y |
| B1-06.3 | Bed | 11.1 | 88 | 100 | 1584 | 100.0% | Y |
| B1-07.1 | LKD | 17.4 | 144 | 200 | 880 | 100.0% | Y |
| B1-07.2 | Bed | 11.2 | 96 | 100 | 1490 | 100.0% | Y |
| B1-08.1 | LKD | 17.6 | 160 | 200 | 772 | 100.0% | Y |
| B1-08.2 | Bed | 11.2 | 96 | 100 | 824 | 100.0% | Y |
| B1-09.1 | LKD | 17.6 | 160 | 200 | 929 | 100.0% | Y |
| B1-09.2 | Bed | 11.2 | 96 | 100 | 898 | 100.0% | Y |
| B1-10.1 | LKD | 27.5 | 245 | 200 | 1603 | 100.0% | Y |
| B1-10.2 | Bed | 10.2 | 81 | 100 | 1717 | 100.0% | Y |
| B1-10.3 | Bed | 11.1 | 88 | 100 | 1646 | 100.0% | Y |
| B1-11.1 | LKD | 27.5 | 245 | 200 | 1212 | 100.0% | Y |
| B1-11.2 | Bed | 10.2 | 81 | 100 | 895 | 100.0% | Y |
| B1-11.3 | Bed | 11.1 | 88 | 100 | 859 | 100.0% | Y |
| B1-12.1 | LKD | 17.6 | 160 | 200 | 533 | 100.0% | Y |
| B1-12.2 | Bed | 11.2 | 96 | 100 | 798 | 100.0% | Y |
| B1-13.1 | LKD | 24.2 | 212 | 200 | 476 | 97.2% | Y |
| B1-13.2 | LKD | 10.5 | 90 | 200 | 767 | 100.0% | Y |
| B2-01.1 | LKD | 27.0 | 243 | 200 | 815 | 100.0% | Y |
| B2-01.2 | Bed | 8.1 | 63 | 100 | 919 | 100.0% | Y |
| B2-01.3 | Bed | 10.7 | 88 | 100 | 814 | 100.0% | Y |
| B2-02.1 | LKD | 23.2 | 206 | 200 | 397 | 81.1% | Y |
| B2-02.2 | Bed | 10.5 | 90 | 100 | 737 | 100.0% | Y |

| Block B Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| B2-03.1 | LKD | 17.6 | 160 | 200 | 405 | 80.6% | Y |
| B2-03.2 | Bed | 11.2 | 96 | 100 | 712 | 100.0% | Y |
| B2-04.1 | LKD | 17.4 | 144 | 200 | 473 | 84.0% | Y |
| B2-04.2 | Bed | 11.2 | 96 | 100 | 620 | 100.0% | Y |
| B2-05.1 | LKD | 27.5 | 245 | 200 | 1039 | 100.0% | Y |
| B2-05.2 | Bed | 10.2 | 81 | 100 | 828 | 100.0% | Y |
| B2-05.3 | Bed | 11.1 | 88 | 100 | 831 | 100.0% | Y |
| B2-06.1 | LKD | 27.5 | 245 | 200 | 1548 | 100.0% | Y |
| B2-06.2 | Bed | 10.2 | 81 | 100 | 1636 | 100.0% | Y |
| B2-06.3 | Bed | 11.1 | 88 | 100 | 1591 | 100.0% | Y |
| B2-07.1 | LKD | 17.4 | 144 | 200 | 889 | 100.0% | Y |
| B2-07.2 | Bed | 11.2 | 96 | 100 | 1513 | 100.0% | Y |
| B2-08.1 | LKD | 17.6 | 160 | 200 | 787 | 100.0% | Y |
| B2-08.2 | Bed | 11.2 | 96 | 100 | 837 | 100.0% | Y |
| B2-09.1 | LKD | 17.6 | 160 | 200 | 934 | 100.0% | Y |
| B2-09.2 | Bed | 11.2 | 96 | 100 | 911 | 100.0% | Y |
| B2-10.1 | LKD | 27.5 | 245 | 200 | 1632 | 100.0% | Y |
| B2-10.2 | Bed | 10.2 | 81 | 100 | 1796 | 100.0% | Y |
| B2-10.3 | Bed | 11.1 | 88 | 100 | 1690 | 100.0% | Y |
| B2-11.1 | LKD | 27.5 | 245 | 200 | 1204 | 100.0% | Y |
| B2-11.2 | Bed | 10.2 | 81 | 100 | 845 | 100.0% | Y |
| B2-11.3 | Bed | 11.1 | 88 | 100 | 796 | 100.0% | Y |
| B2-12.1 | LKD | 17.6 | 160 | 200 | 522 | 100.0% | Y |
| B2-12.2 | Bed | 11.2 | 96 | 100 | 750 | 100.0% | Y |
| B2-13.1 | LKD | 24.2 | 212 | 200 | 483 | 98.6% | Y |
| B2-13.2 | Bed | 10.5 | 90 | 100 | 802 | 100.0% | Y |
| B3-01.1 | LKD | 27.0 | 243 | 200 | 837 | 100.0% | Y |
| B3-01.2 | Bed | 8.1 | 63 | 100 | 905 | 100.0% | Y |
| B3-01.3 | Bed | 10.7 | 88 | 100 | 805 | 100.0% | Y |
| B3-02.1 | LKD | 23.2 | 206 | 200 | 446 | 91.3% | Y |
| B3-02.2 | Bed | 10.5 | 90 | 100 | 822 | 100.0% | Y |
| B3-03.1 | LKD | 17.6 | 160 | 200 | 461 | 89.4% | Y |
| B3-03.2 | Bed | 11.2 | 96 | 100 | 792 | 100.0% | Y |
| B3-04.1 | LKD | 17.4 | 144 | 200 | 514 | 93.8% | Y |
| B3-04.2 | Bed | 11.2 | 96 | 100 | 691 | 100.0% | Y |
| B3-05.1 | LKD | 27.5 | 245 | 200 | 1135 | 100.0% | Y |
| B3-05.2 | Bed | 10.2 | 81 | 100 | 896 | 100.0% | Y |
| B3-05.3 | Bed | 11.1 | 88 | 100 | 887 | 100.0% | Y |
| B3-06.1 | LKD | 27.5 | 245 | 200 | 1597 | 100.0% | Y |
| B3-06.2 | Bed | 10.2 | 81 | 100 | 1642 | 100.0% | Y |
| B3-06.3 | Bed | 11.1 | 88 | 100 | 1617 | 100.0% | Y |
| B3-07.1 | LKD | 17.4 | 144 | 200 | 906 | 100.0% | Y |
| B3-07.2 | Bed | 11.2 | 96 | 100 | 1514 | 100.0% | Y |
| B3-08.1 | LKD | 17.6 | 160 | 200 | 790 | 100.0% | Y |
| B3-08.2 | Bed | 11.2 | 96 | 100 | 871 | 100.0% | Y |
| B3-09.1 | LKD | 17.6 | 160 | 200 | 949 | 100.0% | Y |
| B3-09.2 | Bed | 11.2 | 96 | 100 | 924 | 100.0% | Y |
| B3-10.1 | LKD | 27.5 | 245 | 200 | 1648 | 100.0% | Y |
| B3-10.2 | Bed | 10.2 | 81 | 100 | 1848 | 100.0% | Y |
| B3-10.3 | Bed | 11.1 | 88 | 100 | 1721 | 100.0% | Y |
| B3-11.1 | LKD | 27.5 | 245 | 200 | 1206 | 100.0% | Y |

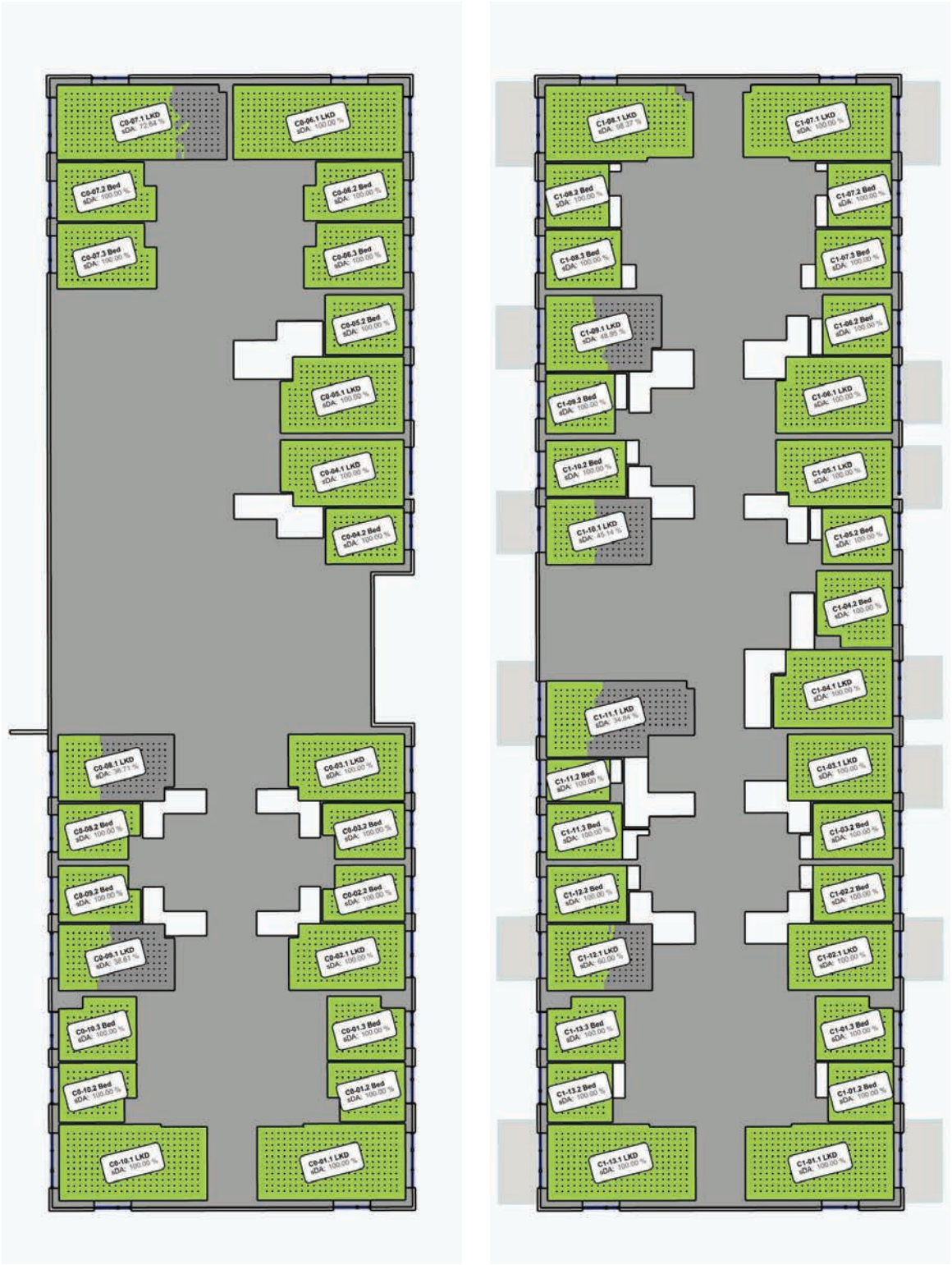
| Block B Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| B3-11.2 | Bed | 10.2 | 81 | 100 | 833 | 100.0% | Y |
| B3-11.3 | Bed | 11.1 | 88 | 100 | 791 | 100.0% | Y |
| B3-12.1 | LKD | 17.6 | 160 | 200 | 517 | 100.0% | Y |
| B3-12.2 | Bed | 11.2 | 96 | 100 | 744 | 100.0% | Y |
| B3-13.1 | LKD | 24.2 | 212 | 200 | 473 | 96.7% | Y |
| B3-13.2 | Bed | 10.5 | 90 | 100 | 785 | 100.0% | Y |
| B4-01.1 | LKD | 27.0 | 243 | 200 | 901 | 100.0% | Y |
| B4-01.2 | Bed | 8.1 | 63 | 100 | 952 | 100.0% | Y |
| B4-01.3 | Bed | 10.7 | 88 | 100 | 845 | 100.0% | Y |
| B4-02.1 | LKD | 23.2 | 206 | 200 | 511 | 98.1% | Y |
| B4-02.2 | Bed | 10.5 | 90 | 100 | 914 | 100.0% | Y |
| B4-03.1 | LKD | 17.6 | 160 | 200 | 536 | 95.6% | Y |
| B4-03.2 | Bed | 11.2 | 96 | 100 | 873 | 100.0% | Y |
| B4-04.1 | LKD | 17.4 | 144 | 200 | 574 | 97.2% | Y |
| B4-04.2 | Bed | 11.2 | 96 | 100 | 766 | 100.0% | Y |
| B4-05.1 | LKD | 27.5 | 245 | 200 | 1258 | 100.0% | Y |
| B4-05.2 | Bed | 10.2 | 81 | 100 | 954 | 100.0% | Y |
| B4-05.3 | Bed | 11.1 | 88 | 100 | 957 | 100.0% | Y |
| B4-06.1 | LKD | 27.5 | 245 | 200 | 1660 | 100.0% | Y |
| B4-06.2 | Bed | 10.2 | 81 | 100 | 1648 | 100.0% | Y |
| B4-06.3 | Bed | 11.1 | 88 | 100 | 1620 | 100.0% | Y |
| B4-07.1 | LKD | 17.4 | 144 | 200 | 916 | 100.0% | Y |
| B4-07.2 | Bed | 11.2 | 96 | 100 | 1529 | 100.0% | Y |
| B4-08.1 | LKD | 17.6 | 160 | 200 | 809 | 100.0% | Y |
| B4-08.2 | Bed | 11.2 | 96 | 100 | 890 | 100.0% | Y |
| B4-09.1 | LKD | 17.6 | 160 | 200 | 979 | 100.0% | Y |
| B4-09.2 | Bed | 11.2 | 96 | 100 | 939 | 100.0% | Y |
| B4-10.1 | LKD | 27.5 | 245 | 200 | 1681 | 100.0% | Y |
| B4-10.2 | Bed | 10.2 | 81 | 100 | 1932 | 100.0% | Y |
| B4-10.3 | Bed | 11.1 | 88 | 100 | 1798 | 100.0% | Y |
| B4-11.1 | LKD | 27.5 | 245 | 200 | 1239 | 100.0% | Y |
| B4-11.2 | Bed | 10.2 | 81 | 100 | 871 | 100.0% | Y |
| B4-11.3 | Bed | 11.1 | 88 | 100 | 823 | 100.0% | Y |
| B4-12.1 | LKD | 17.6 | 160 | 200 | 549 | 100.0% | Y |
| B4-12.2 | Bed | 11.2 | 96 | 100 | 780 | 100.0% | Y |
| B4-13.1 | LKD | 24.2 | 212 | 200 | 502 | 99.5% | Y |
| B4-13.2 | Bed | 10.5 | 90 | 100 | 830 | 100.0% | Y |
| B5-01.1 | LKD | 27.0 | 243 | 200 | 954 | 100.0% | Y |
| B5-01.2 | Bed | 8.1 | 63 | 100 | 992 | 100.0% | Y |
| B5-01.3 | Bed | 10.7 | 88 | 100 | 886 | 100.0% | Y |
| B5-02.1 | LKD | 23.2 | 206 | 200 | 578 | 98.5% | Y |
| B5-02.2 | Bed | 10.5 | 90 | 100 | 1003 | 100.0% | Y |
| B5-03.1 | LKD | 17.6 | 160 | 200 | 612 | 99.4% | Y |
| B5-03.2 | Bed | 11.2 | 96 | 100 | 956 | 100.0% | Y |
| B5-04.1 | LKD | 17.4 | 144 | 200 | 644 | 99.3% | Y |
| B5-04.2 | Bed | 11.2 | 96 | 100 | 850 | 100.0% | Y |
| B5-05.1 | LKD | 27.5 | 245 | 200 | 1375 | 100.0% | Y |
| B5-05.2 | Bed | 10.2 | 81 | 100 | 1014 | 100.0% | Y |
| B5-05.3 | Bed | 11.1 | 88 | 100 | 1014 | 100.0% | Y |
| B5-06.1 | LKD | 27.5 | 245 | 200 | 1716 | 100.0% | Y |
| B5-06.2 | Bed | 10.2 | 81 | 100 | 1663 | 100.0% | Y |

| Block B Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| B5-06.3 | Bed | 11.1 | 88 | 100 | 1634 | 100.0% | Y |
| B5-07.1 | LKD | 17.4 | 144 | 200 | 945 | 100.0% | Y |
| B5-07.2 | Bed | 11.2 | 96 | 100 | 1547 | 100.0% | Y |
| B5-08.1 | LKD | 17.6 | 160 | 200 | 849 | 100.0% | Y |
| B5-08.2 | Bed | 11.2 | 96 | 100 | 1025 | 100.0% | Y |
| B5-09.1 | LKD | 17.6 | 160 | 200 | 1009 | 100.0% | Y |
| B5-09.2 | Bed | 11.2 | 96 | 100 | 964 | 100.0% | Y |
| B5-10.1 | LKD | 27.5 | 245 | 200 | 1711 | 100.0% | Y |
| B5-10.2 | Bed | 10.2 | 81 | 100 | 2021 | 100.0% | Y |
| B5-10.3 | Bed | 11.1 | 88 | 100 | 1883 | 100.0% | Y |
| B5-11.1 | LKD | 27.5 | 245 | 200 | 1258 | 100.0% | Y |
| B5-11.2 | Bed | 10.2 | 81 | 100 | 900 | 100.0% | Y |
| B5-11.3 | Bed | 11.1 | 88 | 100 | 860 | 100.0% | Y |
| B5-12.1 | LKD | 17.6 | 160 | 200 | 580 | 100.0% | Y |
| B5-12.2 | Bed | 11.2 | 96 | 100 | 815 | 100.0% | Y |
| B5-13.1 | LKD | 24.2 | 212 | 200 | 533 | 100.0% | Y |
| B5-13.2 | Bed | 10.5 | 90 | 100 | 873 | 100.0% | Y |
| B6-01.1 | LKD | 27.0 | 243 | 200 | 966 | 100.0% | Y |
| B6-01.2 | Bed | 8.1 | 63 | 100 | 966 | 100.0% | Y |
| B6-01.3 | Bed | 10.7 | 88 | 100 | 852 | 100.0% | Y |
| B6-02.1 | LKD | 23.2 | 206 | 200 | 643 | 100.0% | Y |
| B6-02.2 | Bed | 10.5 | 90 | 100 | 1069 | 100.0% | Y |
| B6-03.1 | LKD | 17.6 | 160 | 200 | 677 | 100.0% | Y |
| B6-03.2 | Bed | 11.2 | 96 | 100 | 1027 | 100.0% | Y |
| B6-04.1 | LKD | 17.4 | 144 | 200 | 712 | 100.0% | Y |
| B6-04.2 | Bed | 11.2 | 96 | 100 | 921 | 100.0% | Y |
| B6-05.1 | LKD | 27.5 | 245 | 200 | 1493 | 100.0% | Y |
| B6-05.2 | Bed | 10.2 | 81 | 100 | 1080 | 100.0% | Y |
| B6-05.3 | Bed | 11.1 | 88 | 100 | 1077 | 100.0% | Y |
| B6-06.1 | LKD | 27.5 | 245 | 200 | 1772 | 100.0% | Y |
| B6-06.2 | Bed | 10.2 | 81 | 100 | 1666 | 100.0% | Y |
| B6-06.3 | Bed | 11.1 | 88 | 100 | 1648 | 100.0% | Y |
| B6-07.1 | LKD | 17.4 | 144 | 200 | 975 | 100.0% | Y |
| B6-07.2 | Bed | 11.2 | 96 | 100 | 1565 | 100.0% | Y |
| B6-08.1 | LKD | 17.6 | 160 | 200 | 921 | 100.0% | Y |
| B6-08.2 | Bed | 11.2 | 96 | 100 | 1287 | 100.0% | Y |
| B6-09.1 | LKD | 17.6 | 160 | 200 | 1642 | 100.0% | Y |
| B6-09.2 | Bed | 11.2 | 96 | 100 | 1377 | 100.0% | Y |
| B6-10.1 | LKD | 27.5 | 245 | 200 | 2324 | 100.0% | Y |
| B6-10.2 | Bed | 10.2 | 81 | 100 | 2202 | 100.0% | Y |
| B6-10.3 | Bed | 11.1 | 88 | 100 | 1957 | 100.0% | Y |
| B6-11.1 | LKD | 27.5 | 245 | 200 | 1386 | 100.0% | Y |
| B6-11.2 | Bed | 10.2 | 81 | 100 | 881 | 100.0% | Y |
| B6-11.3 | Bed | 11.1 | 88 | 100 | 820 | 100.0% | Y |
| B6-12.1 | LKD | 17.6 | 160 | 200 | 741 | 100.0% | Y |
| B6-12.2 | Bed | 11.2 | 96 | 100 | 830 | 100.0% | Y |
| B6-13.1 | LKD | 24.2 | 212 | 200 | 688 | 100.0% | Y |
| B6-13.2 | Bed | 10.5 | 90 | 100 | 875 | 100.0% | Y |
| B7-01.1 | LKD | 27.0 | 243 | 200 | 1154 | 100.0% | Y |
| B7-01.2 | Bed | 8.1 | 63 | 100 | 1022 | 100.0% | Y |
| B7-01.3 | Bed | 10.7 | 88 | 100 | 879 | 100.0% | Y |

| Block B Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| B7-02.1 | LKD | 23.3 | 206 | 200 | 870 | 100.0% | Y |
| B7-02.2 | Bed | 10.5 | 90 | 100 | 1335 | 100.0% | Y |
| B7-03.1 | LKD | 17.6 | 160 | 200 | 1057 | 100.0% | Y |
| B7-03.2 | Bed | 11.2 | 96 | 100 | 1124 | 100.0% | Y |
| B7-04.1 | LKD | 17.4 | 144 | 200 | 1046 | 100.0% | Y |
| B7-04.2 | Bed | 11.2 | 96 | 100 | 1144 | 100.0% | Y |
| B7-05.1 | LKD | 27.5 | 245 | 200 | 1847 | 100.0% | Y |
| B7-05.2 | Bed | 10.2 | 81 | 100 | 1224 | 100.0% | Y |
| B7-05.3 | Bed | 11.1 | 88 | 100 | 1154 | 100.0% | Y |
| B7-06.1 | LKD | 27.5 | 245 | 200 | 2216 | 100.0% | Y |
| B7-06.2 | Bed | 10.2 | 81 | 100 | 1781 | 100.0% | Y |
| B7-06.3 | Bed | 11.1 | 88 | 100 | 1681 | 100.0% | Y |
| B7-07.1 | LKD | 17.4 | 144 | 200 | 1524 | 100.0% | Y |
| B7-07.2 | Bed | 11.2 | 96 | 100 | 1634 | 100.0% | Y |
| B7-08.1 | LKD | 17.6 | 160 | 200 | 1502 | 100.0% | Y |
| B7-08.2 | Bed | 11.2 | 96 | 100 | 1700 | 100.0% | Y |

**Table 11: Minimum Daylight Provision Compliance for Habitable Rooms to BS EN17037:2018+A1:2021**

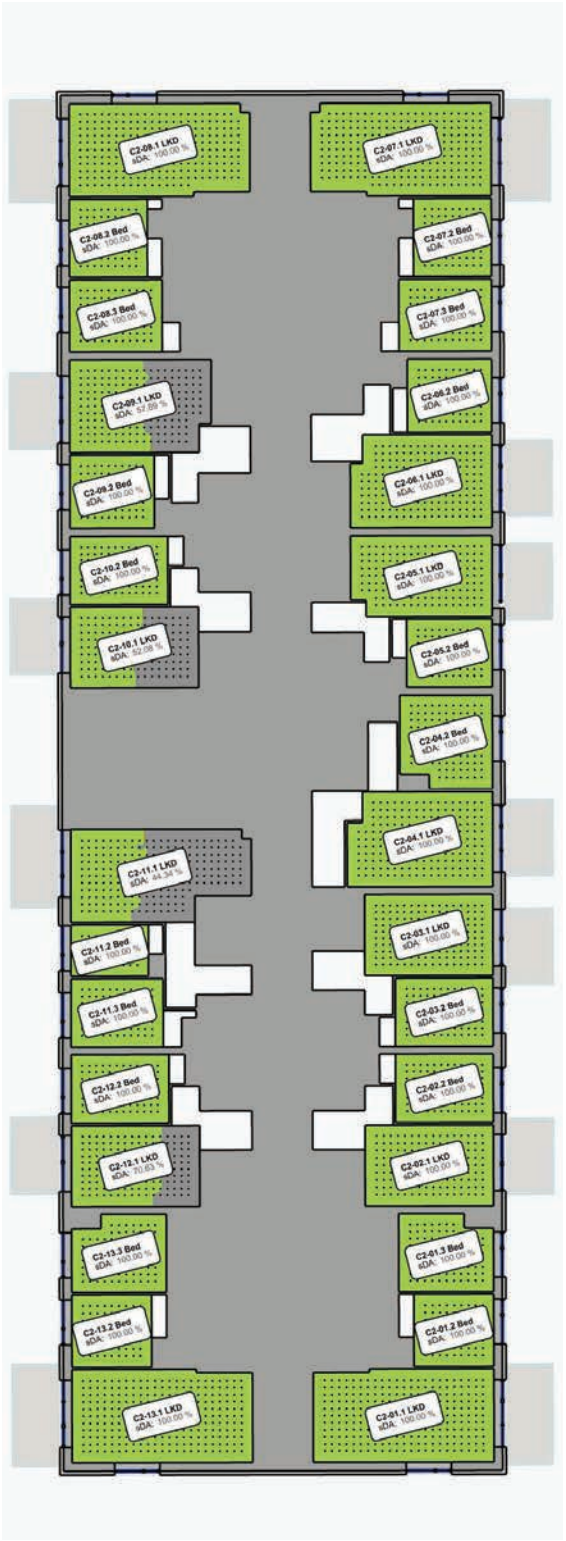
**Block C**



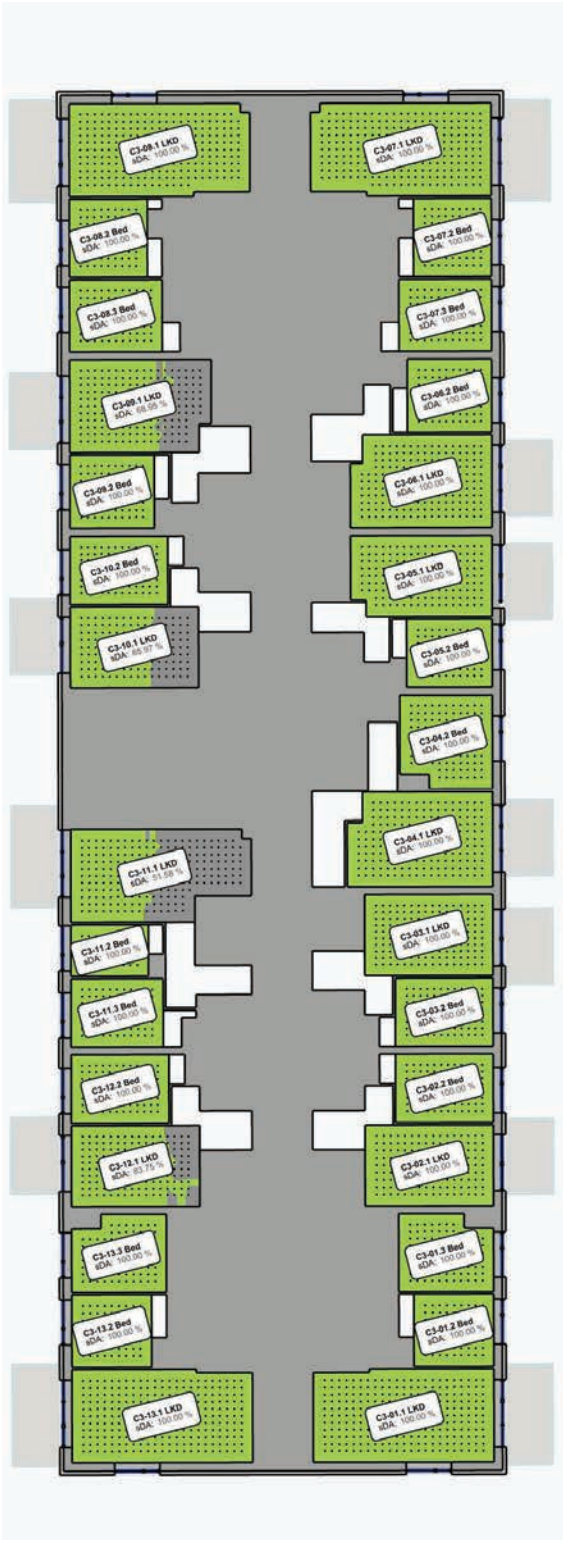

**Ground Floor** **First Floor**

**Figure 30: Block C - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block C**



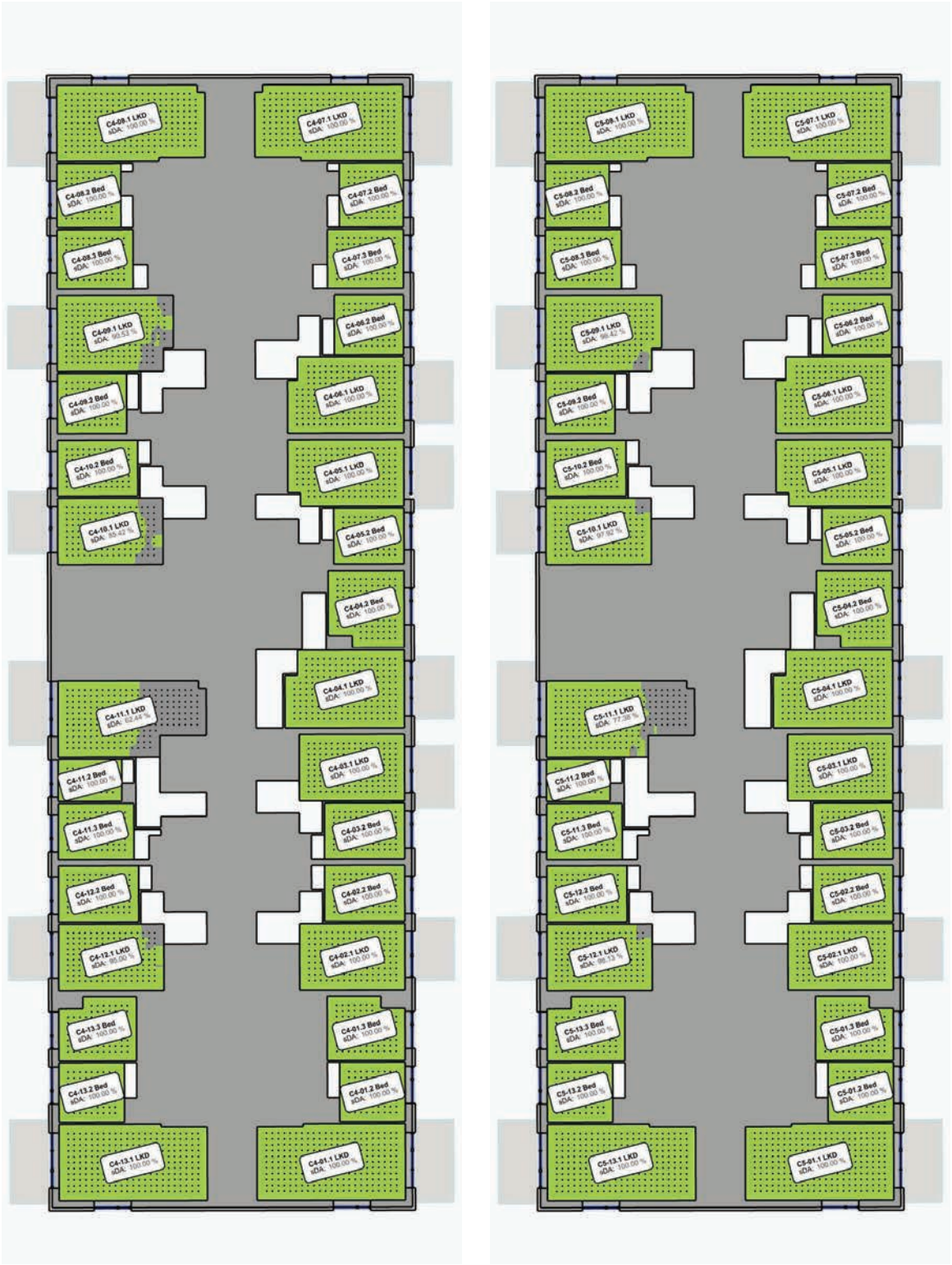
Second Floor



Third Floor

**Figure 31: Block C - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

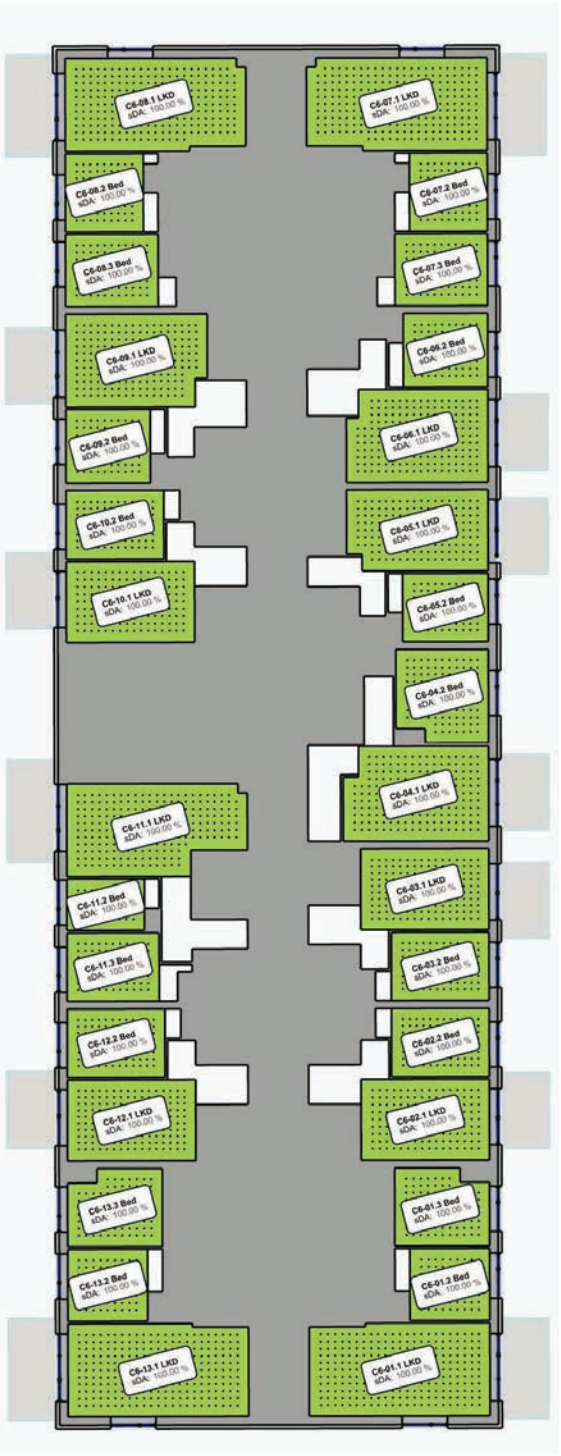
**Block C**



**Fourth Floor** **Fifth Floor**

**Figure 32: Block C - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block C**




**Sixth Floor**

**Figure 33: Block C - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

| Block C Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| C0-01.1 | LKD | 27.8 | 253 | 200 | 1670 | 100.0% | Y |
| C0-01.2 | Bed | 10.7 | 80 | 100 | 1499 | 100.0% | Y |
| C0-01.3 | Bed | 11.7 | 91 | 100 | 1430 | 100.0% | Y |
| C0-02.1 | LKD | 18.8 | 158 | 200 | 984 | 100.0% | Y |
| C0-02.2 | Bed | 10.8 | 88 | 100 | 1473 | 100.0% | Y |
| C0-03.1 | LKD | 18.8 | 158 | 200 | 967 | 100.0% | Y |
| C0-03.2 | Bed | 10.8 | 88 | 100 | 1557 | 100.0% | Y |
| C0-04.1 | LKD | 19.9 | 167 | 200 | 1036 | 100.0% | Y |
| C0-04.2 | Bed | 10.9 | 88 | 100 | 1506 | 100.0% | Y |
| C0-05.1 | LKD | 22.7 | 201 | 200 | 965 | 100.0% | Y |
| C0-05.2 | Bed | 11.7 | 88 | 100 | 1448 | 100.0% | Y |

| Block C Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| C0-06.1 | LKD | 31.6 | 297 | 200 | 957 | 100.0% | Y |
| C0-06.2 | Bed | 13.9 | 112 | 100 | 1267 | 100.0% | Y |
| C0-06.3 | Bed | 15.5 | 127 | 100 | 1202 | 100.0% | Y |
| C0-07.1 | LKD | 31.6 | 296 | 200 | 429 | 72.6% | Y |
| C0-07.2 | Bed | 13.9 | 112 | 100 | 320 | 100.0% | Y |
| C0-07.3 | Bed | 15.5 | 127 | 100 | 283 | 100.0% | Y |
| C0-08.1 | LKD | 18.8 | 158 | 200 | 284 | 36.7% | N |
| C0-08.2 | Bed | 10.8 | 88 | 100 | 381 | 100.0% | Y |
| C0-09.1 | LKD | 18.8 | 158 | 200 | 289 | 38.6% | N |
| C0-09.2 | Bed | 10.8 | 88 | 100 | 333 | 100.0% | Y |
| C0-10.1 | LKD | 27.8 | 253 | 200 | 1102 | 100.0% | Y |
| C0-10.2 | Bed | 10.7 | 80 | 100 | 512 | 100.0% | Y |
| C0-10.3 | Bed | 11.7 | 91 | 100 | 475 | 100.0% | Y |
| C1-01.1 | LKD | 27.8 | 253 | 200 | 1722 | 100.0% | Y |
| C1-01.2 | Bed | 9.6 | 72 | 100 | 1755 | 100.0% | Y |
| C1-01.3 | Bed | 11.7 | 91 | 100 | 1619 | 100.0% | Y |
| C1-02.1 | LKD | 17.4 | 144 | 200 | 997 | 100.0% | Y |
| C1-02.2 | Bed | 11.2 | 96 | 100 | 1507 | 100.0% | Y |
| C1-03.1 | LKD | 17.4 | 160 | 200 | 971 | 100.0% | Y |
| C1-03.2 | Bed | 11.2 | 96 | 100 | 1651 | 100.0% | Y |
| C1-04.1 | LKD | 22.4 | 190 | 200 | 938 | 100.0% | Y |
| C1-04.2 | Bed | 13.8 | 113 | 100 | 1478 | 100.0% | Y |
| C1-05.1 | LKD | 18.7 | 158 | 200 | 1049 | 100.0% | Y |
| C1-05.2 | Bed | 9.8 | 80 | 100 | 1789 | 100.0% | Y |
| C1-06.1 | LKD | 21.4 | 190 | 200 | 961 | 100.0% | Y |
| C1-06.2 | Bed | 10.4 | 80 | 100 | 1697 | 100.0% | Y |
| C1-07.1 | LKD | 27.5 | 245 | 200 | 1099 | 100.0% | Y |
| C1-07.2 | Bed | 10.2 | 81 | 100 | 1832 | 100.0% | Y |
| C1-07.3 | Bed | 11.2 | 88 | 100 | 1664 | 100.0% | Y |
| C1-08.1 | LKD | 27.5 | 245 | 200 | 578 | 98.4% | Y |
| C1-08.2 | Bed | 10.2 | 81 | 100 | 567 | 100.0% | Y |
| C1-08.3 | Bed | 11.2 | 88 | 100 | 483 | 100.0% | Y |
| C1-09.1 | LKD | 21.4 | 190 | 200 | 274 | 48.9% | N |
| C1-09.2 | Bed | 10.4 | 80 | 100 | 467 | 100.0% | Y |
| C1-10.1 | LKD | 17.4 | 144 | 200 | 266 | 45.1% | N |
| C1-10.2 | Bed | 11.2 | 96 | 100 | 375 | 100.0% | Y |
| C1-11.1 | LKD | 25.4 | 221 | 200 | 215 | 34.8% | N |
| C1-11.2 | Bed | 6.6 | 45 | 100 | 637 | 100.0% | Y |
| C1-11.3 | Bed | 10.5 | 88 | 100 | 509 | 100.0% | Y |
| C1-12.1 | LKD | 17.4 | 160 | 200 | 363 | 60.0% | Y |
| C1-12.2 | Bed | 11.2 | 96 | 100 | 417 | 100.0% | Y |
| C1-13.1 | LKD | 27.8 | 253 | 200 | 1236 | 100.0% | Y |
| C1-13.2 | Bed | 9.6 | 72 | 100 | 679 | 100.0% | Y |
| C1-13.3 | Bed | 11.7 | 91 | 100 | 603 | 100.0% | Y |
| C2-01.1 | LKD | 27.8 | 253 | 200 | 1751 | 100.0% | Y |
| C2-01.2 | Bed | 9.6 | 72 | 100 | 1762 | 100.0% | Y |
| C2-01.3 | Bed | 11.7 | 91 | 100 | 1633 | 100.0% | Y |
| C2-02.1 | LKD | 17.4 | 144 | 200 | 997 | 100.0% | Y |
| C2-02.2 | Bed | 11.2 | 96 | 100 | 1521 | 100.0% | Y |
| C2-03.1 | LKD | 17.4 | 160 | 200 | 981 | 100.0% | Y |
| C2-03.2 | Bed | 11.2 | 96 | 100 | 1656 | 100.0% | Y |

| Block C Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| C2-04.1 | LKD | 22.4 | 190 | 200 | 946 | 100.0% | Y |
| C2-04.2 | Bed | 13.8 | 113 | 100 | 1487 | 100.0% | Y |
| C2-05.1 | LKD | 18.7 | 158 | 200 | 1061 | 100.0% | Y |
| C2-05.2 | Bed | 9.8 | 80 | 100 | 1805 | 100.0% | Y |
| C2-06.1 | LKD | 21.4 | 190 | 200 | 979 | 100.0% | Y |
| C2-06.2 | Bed | 10.4 | 80 | 100 | 1721 | 100.0% | Y |
| C2-07.1 | LKD | 27.5 | 245 | 200 | 1133 | 100.0% | Y |
| C2-07.2 | Bed | 10.2 | 81 | 100 | 1843 | 100.0% | Y |
| C2-07.3 | Bed | 11.2 | 88 | 100 | 1668 | 100.0% | Y |
| C2-08.1 | LKD | 27.5 | 245 | 200 | 631 | 100.0% | Y |
| C2-08.2 | Bed | 10.2 | 81 | 100 | 668 | 100.0% | Y |
| C2-08.3 | Bed | 11.2 | 88 | 100 | 563 | 100.0% | Y |
| C2-09.1 | LKD | 21.4 | 190 | 200 | 317 | 57.9% | Y |
| C2-09.2 | Bed | 10.4 | 80 | 100 | 554 | 100.0% | Y |
| C2-10.1 | LKD | 17.4 | 144 | 200 | 308 | 52.1% | Y |
| C2-10.2 | Bed | 11.2 | 96 | 100 | 440 | 100.0% | Y |
| C2-11.1 | LKD | 25.4 | 221 | 200 | 248 | 44.3% | N |
| C2-11.2 | Bed | 6.6 | 45 | 100 | 742 | 100.0% | Y |
| C2-11.3 | Bed | 10.5 | 88 | 100 | 598 | 100.0% | Y |
| C2-12.1 | LKD | 17.4 | 160 | 200 | 393 | 70.6% | Y |
| C2-12.2 | Bed | 11.2 | 96 | 100 | 492 | 100.0% | Y |
| C2-13.1 | LKD | 27.8 | 253 | 200 | 1292 | 100.0% | Y |
| C2-13.2 | Bed | 9.6 | 72 | 100 | 750 | 100.0% | Y |
| C2-13.3 | Bed | 11.7 | 91 | 100 | 670 | 100.0% | Y |
| C3-01.1 | LKD | 27.8 | 253 | 200 | 1774 | 100.0% | Y |
| C3-01.2 | Bed | 9.6 | 72 | 100 | 1763 | 100.0% | Y |
| C3-01.3 | Bed | 11.7 | 91 | 100 | 1634 | 100.0% | Y |
| C3-02.1 | LKD | 17.4 | 144 | 200 | 1011 | 100.0% | Y |
| C3-02.2 | Bed | 11.2 | 96 | 100 | 1529 | 100.0% | Y |
| C3-03.1 | LKD | 17.4 | 160 | 200 | 983 | 100.0% | Y |
| C3-03.2 | Bed | 11.2 | 96 | 100 | 1671 | 100.0% | Y |
| C3-04.1 | LKD | 22.4 | 190 | 200 | 950 | 100.0% | Y |
| C3-04.2 | Bed | 13.8 | 113 | 100 | 1503 | 100.0% | Y |
| C3-05.1 | LKD | 18.7 | 158 | 200 | 1072 | 100.0% | Y |
| C3-05.2 | Bed | 9.8 | 80 | 100 | 1809 | 100.0% | Y |
| C3-06.1 | LKD | 21.4 | 190 | 200 | 982 | 100.0% | Y |
| C3-06.2 | Bed | 10.4 | 80 | 100 | 1728 | 100.0% | Y |
| C3-07.1 | LKD | 27.5 | 245 | 200 | 1149 | 100.0% | Y |
| C3-07.2 | Bed | 10.2 | 81 | 100 | 1858 | 100.0% | Y |
| C3-07.3 | Bed | 11.2 | 88 | 100 | 1690 | 100.0% | Y |
| C3-08.1 | LKD | 27.5 | 245 | 200 | 691 | 100.0% | Y |
| C3-08.2 | Bed | 10.2 | 81 | 100 | 809 | 100.0% | Y |
| C3-08.3 | Bed | 11.2 | 88 | 100 | 677 | 100.0% | Y |
| C3-09.1 | LKD | 21.4 | 190 | 200 | 374 | 68.9% | Y |
| C3-09.2 | Bed | 10.4 | 80 | 100 | 675 | 100.0% | Y |
| C3-10.1 | LKD | 17.4 | 144 | 200 | 375 | 66.0% | Y |
| C3-10.2 | Bed | 11.2 | 96 | 100 | 543 | 100.0% | Y |
| C3-11.1 | LKD | 25.4 | 221 | 200 | 295 | 51.6% | Y |
| C3-11.2 | Bed | 6.6 | 45 | 100 | 919 | 100.0% | Y |
| C3-11.3 | Bed | 10.5 | 88 | 100 | 729 | 100.0% | Y |
| C3-12.1 | LKD | 17.4 | 160 | 200 | 447 | 83.8% | Y |

| Block C Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| C3-12.2 | Bed | 11.2 | 96 | 100 | 586 | 100.0% | Y |
| C3-13.1 | LKD | 27.8 | 253 | 200 | 1343 | 100.0% | Y |
| C3-13.2 | Bed | 9.6 | 72 | 100 | 819 | 100.0% | Y |
| C3-13.3 | Bed | 11.7 | 91 | 100 | 742 | 100.0% | Y |
| C4-01.1 | LKD | 27.8 | 253 | 200 | 1786 | 100.0% | Y |
| C4-01.2 | Bed | 9.6 | 72 | 100 | 1778 | 100.0% | Y |
| C4-01.3 | Bed | 11.7 | 91 | 100 | 1647 | 100.0% | Y |
| C4-02.1 | LKD | 17.4 | 144 | 200 | 1015 | 100.0% | Y |
| C4-02.2 | Bed | 11.2 | 96 | 100 | 1532 | 100.0% | Y |
| C4-03.1 | LKD | 17.4 | 160 | 200 | 990 | 100.0% | Y |
| C4-03.2 | Bed | 11.2 | 96 | 100 | 1678 | 100.0% | Y |
| C4-04.1 | LKD | 22.4 | 190 | 200 | 957 | 100.0% | Y |
| C4-04.2 | Bed | 13.8 | 113 | 100 | 1510 | 100.0% | Y |
| C4-05.1 | LKD | 18.7 | 158 | 200 | 1070 | 100.0% | Y |
| C4-05.2 | Bed | 9.8 | 80 | 100 | 1822 | 100.0% | Y |
| C4-06.1 | LKD | 21.4 | 190 | 200 | 985 | 100.0% | Y |
| C4-06.2 | Bed | 10.4 | 80 | 100 | 1729 | 100.0% | Y |
| C4-07.1 | LKD | 27.5 | 245 | 200 | 1176 | 100.0% | Y |
| C4-07.2 | Bed | 10.2 | 81 | 100 | 1846 | 100.0% | Y |
| C4-07.3 | Bed | 11.2 | 88 | 100 | 1689 | 100.0% | Y |
| C4-08.1 | LKD | 27.5 | 245 | 200 | 768 | 100.0% | Y |
| C4-08.2 | Bed | 10.2 | 81 | 100 | 950 | 100.0% | Y |
| C4-08.3 | Bed | 11.2 | 88 | 100 | 791 | 100.0% | Y |
| C4-09.1 | LKD | 21.4 | 190 | 200 | 459 | 90.5% | Y |
| C4-09.2 | Bed | 10.4 | 80 | 100 | 818 | 100.0% | Y |
| C4-10.1 | LKD | 17.4 | 144 | 200 | 468 | 85.4% | Y |
| C4-10.2 | Bed | 11.2 | 96 | 100 | 653 | 100.0% | Y |
| C4-11.1 | LKD | 25.4 | 221 | 200 | 365 | 62.4% | Y |
| C4-11.2 | Bed | 6.6 | 45 | 100 | 1088 | 100.0% | Y |
| C4-11.3 | Bed | 10.5 | 88 | 100 | 863 | 100.0% | Y |
| C4-12.1 | LKD | 17.4 | 160 | 200 | 520 | 95.0% | Y |
| C4-12.2 | Bed | 11.2 | 96 | 100 | 692 | 100.0% | Y |
| C4-13.1 | LKD | 27.8 | 253 | 200 | 1409 | 100.0% | Y |
| C4-13.2 | Bed | 9.6 | 72 | 100 | 916 | 100.0% | Y |
| C4-13.3 | Bed | 11.7 | 91 | 100 | 834 | 100.0% | Y |
| C5-01.1 | LKD | 27.8 | 253 | 200 | 1807 | 100.0% | Y |
| C5-01.2 | Bed | 9.6 | 72 | 100 | 1797 | 100.0% | Y |
| C5-01.3 | Bed | 11.7 | 91 | 100 | 1655 | 100.0% | Y |
| C5-02.1 | LKD | 17.4 | 144 | 200 | 1024 | 100.0% | Y |
| C5-02.2 | Bed | 11.2 | 96 | 100 | 1553 | 100.0% | Y |
| C5-03.1 | LKD | 17.4 | 160 | 200 | 1005 | 100.0% | Y |
| C5-03.2 | Bed | 11.2 | 96 | 100 | 1689 | 100.0% | Y |
| C5-04.1 | LKD | 22.4 | 190 | 200 | 967 | 100.0% | Y |
| C5-04.2 | Bed | 13.8 | 113 | 100 | 1517 | 100.0% | Y |
| C5-05.1 | LKD | 18.7 | 158 | 200 | 1085 | 100.0% | Y |
| C5-05.2 | Bed | 9.8 | 80 | 100 | 1830 | 100.0% | Y |
| C5-06.1 | LKD | 21.4 | 190 | 200 | 996 | 100.0% | Y |
| C5-06.2 | Bed | 10.4 | 80 | 100 | 1739 | 100.0% | Y |
| C5-07.1 | LKD | 27.5 | 245 | 200 | 1199 | 100.0% | Y |
| C5-07.2 | Bed | 10.2 | 81 | 100 | 1867 | 100.0% | Y |
| C5-07.3 | Bed | 11.2 | 88 | 100 | 1696 | 100.0% | Y |

| Block C Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| C5-08.1 | LKD | 27.5 | 245 | 200 | 854 | 100.0% | Y |
| C5-08.2 | Bed | 10.2 | 81 | 100 | 1081 | 100.0% | Y |
| C5-08.3 | Bed | 11.2 | 88 | 100 | 897 | 100.0% | Y |
| C5-09.1 | LKD | 21.4 | 190 | 200 | 571 | 98.4% | Y |
| C5-09.2 | Bed | 10.4 | 80 | 100 | 957 | 100.0% | Y |
| C5-10.1 | LKD | 17.4 | 144 | 200 | 572 | 97.9% | Y |
| C5-10.2 | Bed | 11.2 | 96 | 100 | 783 | 100.0% | Y |
| C5-11.1 | LKD | 25.4 | 221 | 200 | 448 | 77.4% | Y |
| C5-11.2 | Bed | 6.6 | 45 | 100 | 1241 | 100.0% | Y |
| C5-11.3 | Bed | 10.5 | 88 | 100 | 986 | 100.0% | Y |
| C5-12.1 | LKD | 17.4 | 160 | 200 | 606 | 98.1% | Y |
| C5-12.2 | Bed | 11.2 | 96 | 100 | 815 | 100.0% | Y |
| C5-13.1 | LKD | 27.8 | 253 | 200 | 1479 | 100.0% | Y |
| C5-13.2 | Bed | 9.6 | 72 | 100 | 1015 | 100.0% | Y |
| C5-13.3 | Bed | 11.7 | 91 | 100 | 938 | 100.0% | Y |
| C6-01.1 | LKD | 27.8 | 253 | 200 | 2255 | 100.0% | Y |
| C6-01.2 | Bed | 9.6 | 72 | 100 | 1882 | 100.0% | Y |
| C6-01.3 | Bed | 11.7 | 91 | 100 | 1657 | 100.0% | Y |
| C6-02.1 | LKD | 17.4 | 144 | 200 | 1553 | 100.0% | Y |
| C6-02.2 | Bed | 11.2 | 96 | 100 | 1731 | 100.0% | Y |
| C6-03.1 | LKD | 17.4 | 160 | 200 | 1575 | 100.0% | Y |
| C6-03.2 | Bed | 11.2 | 96 | 100 | 1741 | 100.0% | Y |
| C6-04.1 | LKD | 22.4 | 190 | 200 | 1512 | 100.0% | Y |
| C6-04.2 | Bed | 13.8 | 113 | 100 | 1549 | 100.0% | Y |
| C6-05.1 | LKD | 18.7 | 158 | 200 | 1690 | 100.0% | Y |
| C6-05.2 | Bed | 9.8 | 80 | 100 | 1887 | 100.0% | Y |
| C6-06.1 | LKD | 21.4 | 190 | 200 | 1566 | 100.0% | Y |
| C6-06.2 | Bed | 10.4 | 80 | 100 | 1859 | 100.0% | Y |
| C6-07.1 | LKD | 27.5 | 245 | 200 | 1660 | 100.0% | Y |
| C6-07.2 | Bed | 10.2 | 81 | 100 | 1889 | 100.0% | Y |
| C6-07.3 | Bed | 11.2 | 88 | 100 | 1696 | 100.0% | Y |
| C6-08.1 | LKD | 27.5 | 245 | 200 | 1245 | 100.0% | Y |
| C6-08.2 | Bed | 10.2 | 81 | 100 | 1201 | 100.0% | Y |
| C6-08.3 | Bed | 11.2 | 88 | 100 | 1039 | 100.0% | Y |
| C6-09.1 | LKD | 21.4 | 190 | 200 | 1024 | 100.0% | Y |
| C6-09.2 | Bed | 10.4 | 80 | 100 | 1097 | 100.0% | Y |
| C6-10.1 | LKD | 17.4 | 144 | 200 | 980 | 100.0% | Y |
| C6-10.2 | Bed | 11.2 | 96 | 100 | 1060 | 100.0% | Y |
| C6-11.1 | LKD | 25.4 | 221 | 200 | 839 | 100.0% | Y |
| C6-11.2 | Bed | 6.6 | 45 | 100 | 1415 | 100.0% | Y |
| C6-11.3 | Bed | 10.5 | 88 | 100 | 1107 | 100.0% | Y |
| C6-12.1 | LKD | 17.4 | 160 | 200 | 1013 | 100.0% | Y |
| C6-12.2 | Bed | 11.2 | 96 | 100 | 1077 | 100.0% | Y |
| C6-13.1 | LKD | 27.8 | 253 | 200 | 1837 | 100.0% | Y |
| C6-13.2 | Bed | 9.6 | 72 | 100 | 1167 | 100.0% | Y |
| C6-13.3 | Bed | 11.7 | 91 | 100 | 1028 | 100.0% | Y |

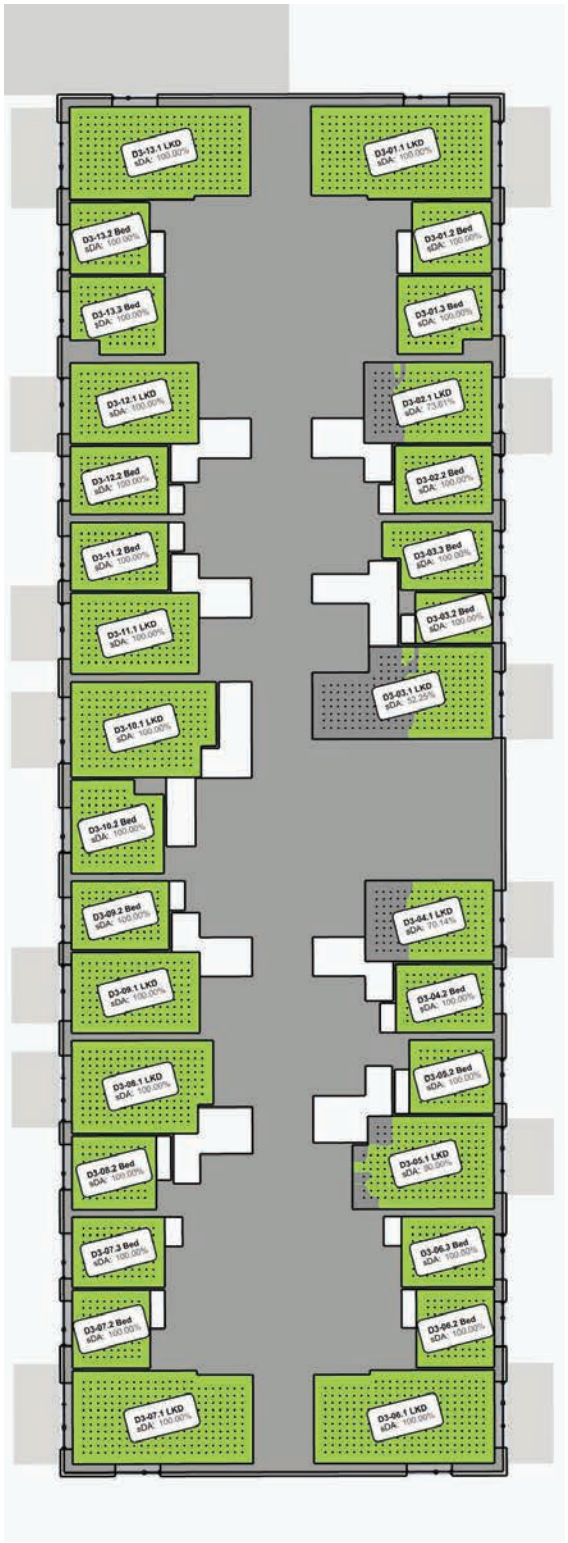
**Table 12: Minimum Daylight Provision Compliance for Habitable Rooms to BS EN17037:2018+A1:2021**

**Block D**

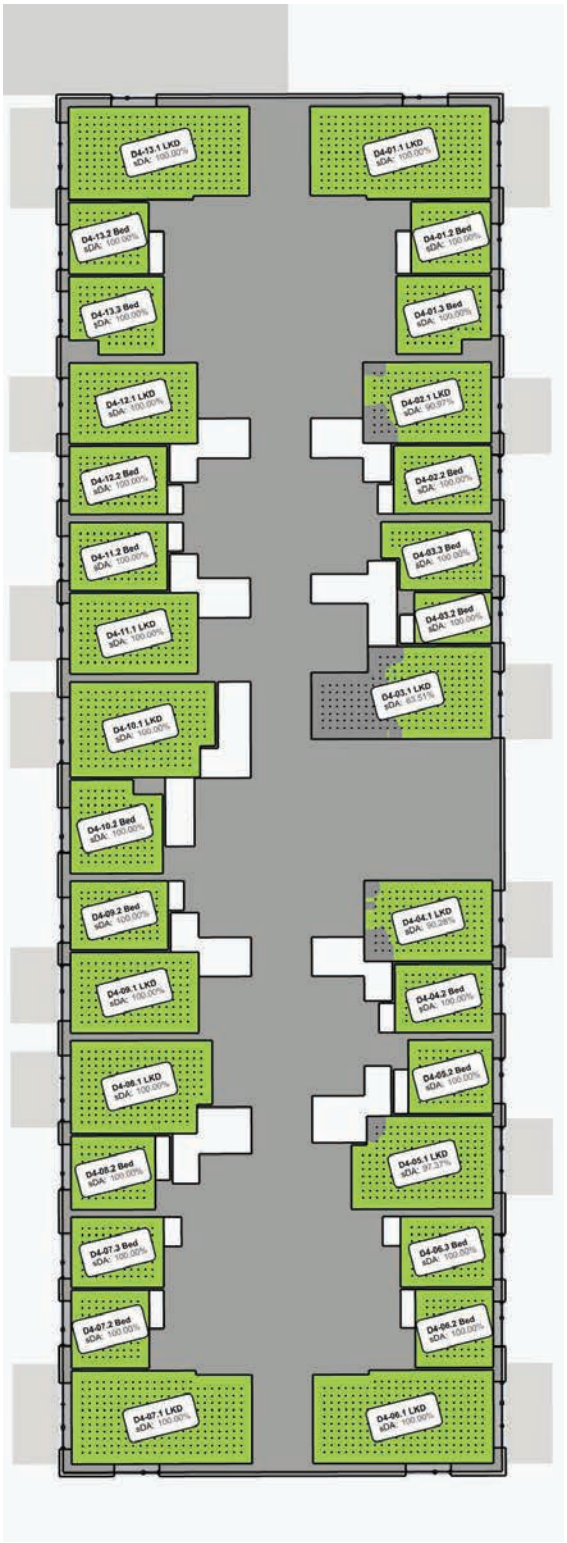
**Ground Floor** **First Floor** **Second Floor**

**Figure 34: Block D - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block D**



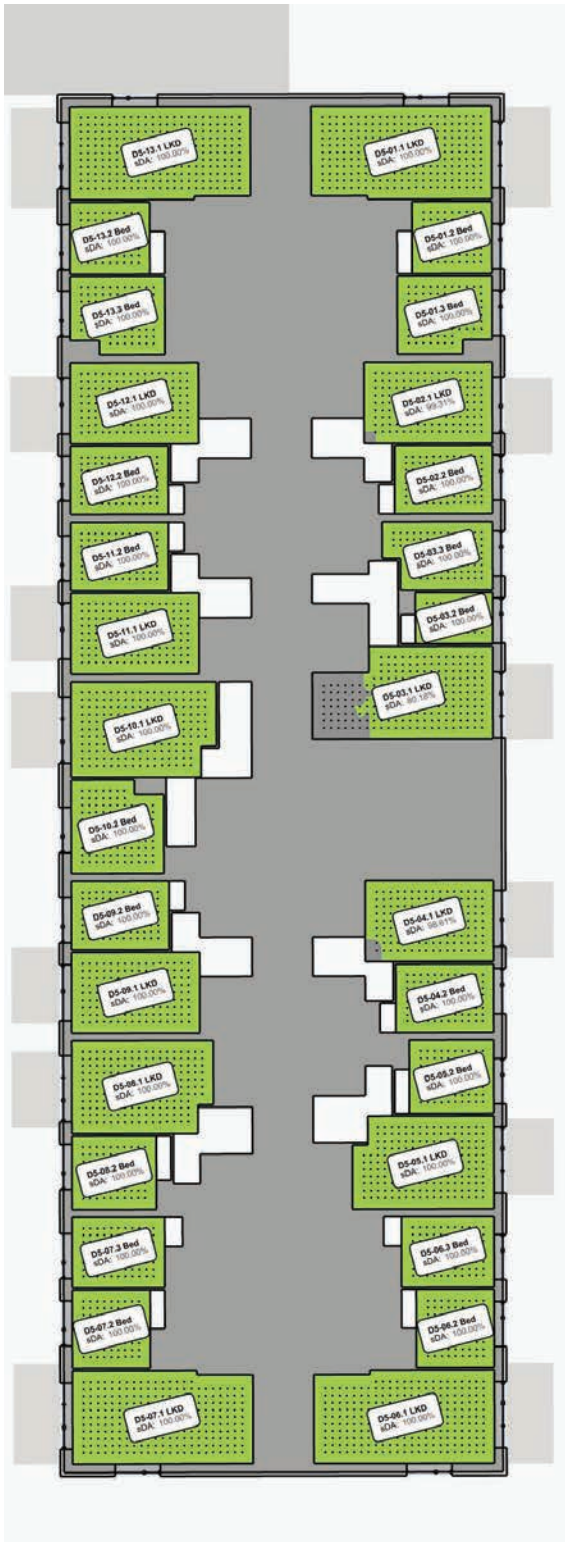
Third Floor



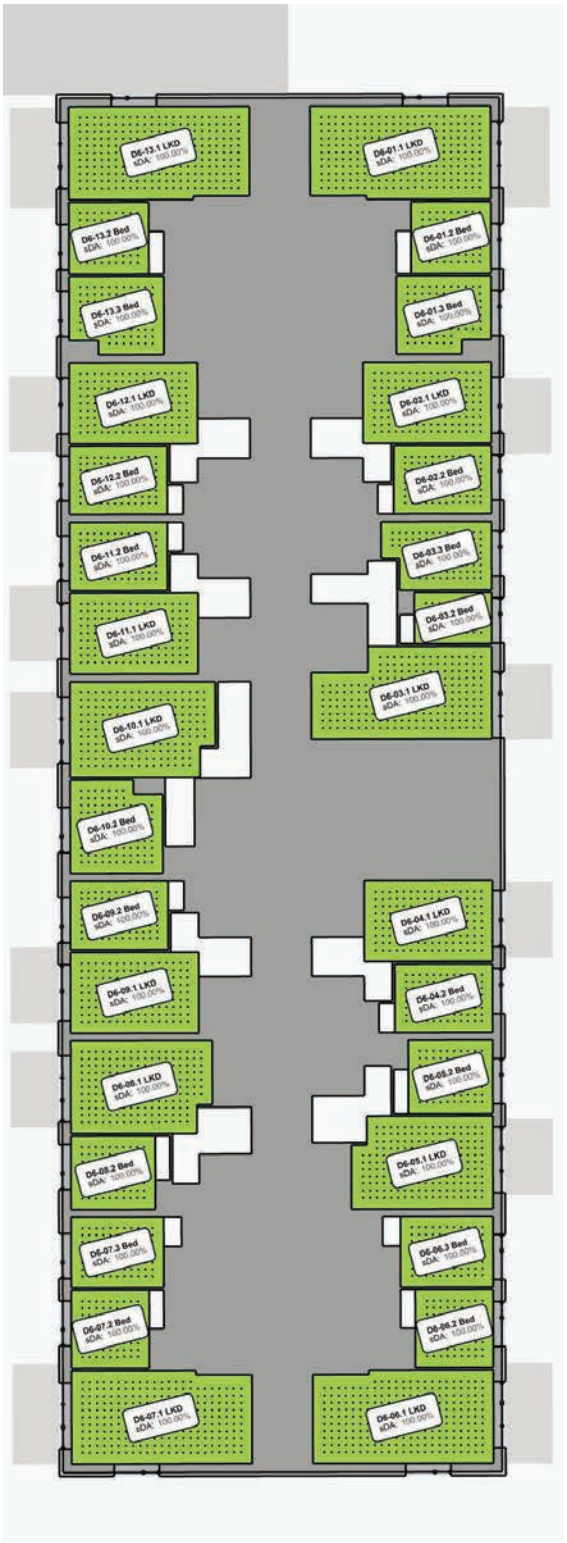
Fourth Floor

**Figure 35: Block D - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block D**




Fifth Floor




Sixth Floor

**Figure 36: Block D - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

| Block D Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| D0-01.1 | LKD | 32.2 | 297 | 200 | 470 | 76.1% | Y |
| D0-01.2 | Bed | 12.8 | 104 | 100 | 389 | 100.0% | Y |
| D0-01.3 | Bed | 13.6 | 117 | 100 | 349 | 100.0% | Y |
| D0-02.1 | LKD | 19.9 | 167 | 200 | 191 | 26.3% | N |
| D0-02.2 | Bed | 10.9 | 88 | 100 | 340 | 100.0% | Y |
| D0-03.1 | LKD | 19.9 | 167 | 200 | 216 | 25.7% | N |
| D0-03.2 | Bed | 10.9 | 88 | 100 | 344 | 100.0% | Y |
| D0-04.1 | LKD | 19.9 | 167 | 200 | 194 | 25.1% | N |
| D0-04.2 | Bed | 10.9 | 88 | 100 | 380 | 100.0% | Y |
| D0-05.1 | LKD | 22.6 | 201 | 200 | 322 | 46.3% | N |
| D0-05.2 | Bed | 11.7 | 88 | 100 | 377 | 100.0% | Y |
| D0-06.1 | LKD | 32.2 | 297 | 200 | 983 | 100.0% | Y |
| D0-06.2 | Bed | 12.8 | 104 | 100 | 559 | 100.0% | Y |
| D0-06.3 | Bed | 13.6 | 117 | 100 | 553 | 100.0% | Y |
| D1-01.1 | LKD | 27.8 | 253 | 200 | 604 | 100.0% | Y |
| D1-01.2 | Bed | 9.6 | 72 | 100 | 649 | 100.0% | Y |
| D1-01.3 | Bed | 11.7 | 91 | 100 | 504 | 100.0% | Y |
| D1-02.1 | LKD | 17.4 | 144 | 200 | 276 | 53.5% | Y |
| D1-02.2 | Bed | 11.2 | 96 | 100 | 470 | 100.0% | Y |
| D1-03.1 | LKD | 25.6 | 222 | 200 | 224 | 34.2% | N |
| D1-03.2 | Bed | 6.6 | 45 | 100 | 596 | 100.0% | Y |
| D1-03.3 | Bed | 11.7 | 98 | 100 | 471 | 100.0% | Y |
| D1-04.1 | LKD | 17.4 | 144 | 200 | 272 | 48.6% | N |
| D1-04.2 | Bed | 11.2 | 96 | 100 | 502 | 100.0% | Y |
| D1-05.1 | LKD | 21.2 | 190 | 200 | 397 | 67.9% | Y |
| D1-05.2 | Bed | 10.4 | 80 | 100 | 540 | 100.0% | Y |
| D1-06.1 | LKD | 27.7 | 246 | 200 | 1230 | 100.0% | Y |
| D1-06.2 | Bed | 10.2 | 81 | 100 | 835 | 100.0% | Y |
| D1-06.3 | Bed | 10.9 | 88 | 100 | 797 | 100.0% | Y |
| D1-07.1 | LKD | 27.7 | 246 | 200 | 1270 | 100.0% | Y |
| D1-07.2 | Bed | 10.2 | 81 | 100 | 1032 | 100.0% | Y |
| D1-07.3 | Bed | 10.9 | 88 | 100 | 1068 | 100.0% | Y |
| D1-08.1 | LKD | 21.2 | 190 | 200 | 671 | 100.0% | Y |
| D1-08.2 | Bed | 10.4 | 80 | 100 | 1061 | 100.0% | Y |
| D1-09.1 | LKD | 17.4 | 144 | 200 | 649 | 100.0% | Y |
| D1-09.2 | Bed | 11.2 | 96 | 100 | 903 | 100.0% | Y |
| D1-10.1 | LKD | 17.4 | 144 | 200 | 651 | 100.0% | Y |
| D1-10.2 | Bed | 11.2 | 96 | 100 | 910 | 100.0% | Y |
| D1-11.1 | LKD | 17.4 | 144 | 200 | 659 | 99.3% | Y |
| D1-11.2 | Bed | 11.2 | 96 | 100 | 985 | 100.0% | Y |
| D1-12.1 | LKD | 27.8 | 253 | 200 | 798 | 100.0% | Y |
| D1-12.2 | Bed | 9.6 | 72 | 100 | 1197 | 100.0% | Y |
| D1-12.3 | Bed | 11.7 | 91 | 100 | 999 | 100.0% | Y |
| D2-01.1 | LKD | 27.8 | 253 | 200 | 658 | 100.0% | Y |
| D2-01.2 | Bed | 9.6 | 72 | 100 | 769 | 100.0% | Y |
| D2-01.3 | Bed | 11.7 | 91 | 100 | 608 | 100.0% | Y |
| D2-02.1 | LKD | 17.4 | 144 | 200 | 315 | 60.4% | Y |
| D2-02.2 | Bed | 11.2 | 96 | 100 | 582 | 100.0% | Y |
| D2-03.1 | LKD | 25.6 | 222 | 200 | 264 | 43.2% | N |
| D2-03.2 | Bed | 6.6 | 45 | 100 | 760 | 100.0% | Y |
| D2-03.3 | Bed | 11.7 | 98 | 100 | 579 | 100.0% | Y |

| Block D Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| D2-04.1 | LKD | 17.4 | 144 | 200 | 313 | 56.3% | Y |
| D2-04.2 | Bed | 11.2 | 96 | 100 | 613 | 100.0% | Y |
| D2-05.1 | LKD | 21.2 | 190 | 200 | 431 | 73.7% | Y |
| D2-05.2 | Bed | 10.4 | 80 | 100 | 655 | 100.0% | Y |
| D2-06.1 | LKD | 27.7 | 246 | 200 | 1306 | 100.0% | Y |
| D2-06.2 | Bed | 10.2 | 81 | 100 | 923 | 100.0% | Y |
| D2-06.3 | Bed | 10.9 | 88 | 100 | 878 | 100.0% | Y |
| D2-07.1 | LKD | 27.7 | 246 | 200 | 1364 | 100.0% | Y |
| D2-07.2 | Bed | 10.2 | 81 | 100 | 1091 | 100.0% | Y |
| D2-07.3 | Bed | 10.9 | 88 | 100 | 1113 | 100.0% | Y |
| D2-08.1 | LKD | 21.2 | 190 | 200 | 704 | 100.0% | Y |
| D2-08.2 | Bed | 10.4 | 80 | 100 | 1115 | 100.0% | Y |
| D2-09.1 | LKD | 17.4 | 144 | 200 | 686 | 100.0% | Y |
| D2-09.2 | Bed | 11.2 | 96 | 100 | 961 | 100.0% | Y |
| D2-10.1 | LKD | 22.4 | 190 | 200 | 670 | 100.0% | Y |
| D2-10.2 | Bed | 13.8 | 113 | 100 | 990 | 100.0% | Y |
| D2-11.1 | LKD | 17.4 | 144 | 200 | 684 | 100.0% | Y |
| D2-11.2 | Bed | 11.2 | 96 | 100 | 951 | 100.0% | Y |
| D2-12.1 | LKD | 17.4 | 144 | 200 | 690 | 100.0% | Y |
| D2-12.2 | Bed | 11.2 | 96 | 100 | 1035 | 100.0% | Y |
| D2-13.1 | LKD | 27.8 | 253 | 200 | 844 | 100.0% | Y |
| D2-13.2 | Bed | 9.6 | 72 | 100 | 1244 | 100.0% | Y |
| D2-13.3 | Bed | 11.7 | 91 | 100 | 1045 | 100.0% | Y |
| D3-01.1 | LKD | 27.8 | 253 | 200 | 713 | 100.0% | Y |
| D3-01.2 | Bed | 9.6 | 72 | 100 | 983 | 100.0% | Y |
| D3-01.3 | Bed | 11.7 | 91 | 100 | 776 | 100.0% | Y |
| D3-02.1 | LKD | 17.4 | 144 | 200 | 380 | 73.6% | Y |
| D3-02.2 | Bed | 11.2 | 96 | 100 | 766 | 100.0% | Y |
| D3-03.1 | LKD | 25.6 | 222 | 200 | 325 | 52.3% | Y |
| D3-03.2 | Bed | 6.6 | 45 | 100 | 1025 | 100.0% | Y |
| D3-03.3 | Bed | 11.7 | 98 | 100 | 775 | 100.0% | Y |
| D3-04.1 | LKD | 17.4 | 144 | 200 | 374 | 70.1% | Y |
| D3-04.2 | Bed | 11.2 | 96 | 100 | 777 | 100.0% | Y |
| D3-05.1 | LKD | 21.2 | 190 | 200 | 488 | 90.0% | Y |
| D3-05.2 | Bed | 10.4 | 80 | 100 | 844 | 100.0% | Y |
| D3-06.1 | LKD | 27.7 | 246 | 200 | 1375 | 100.0% | Y |
| D3-06.2 | Bed | 10.2 | 81 | 100 | 1057 | 100.0% | Y |
| D3-06.3 | Bed | 10.9 | 88 | 100 | 1033 | 100.0% | Y |
| D3-07.1 | LKD | 27.7 | 246 | 200 | 1432 | 100.0% | Y |
| D3-07.2 | Bed | 10.2 | 81 | 100 | 1120 | 100.0% | Y |
| D3-07.3 | Bed | 10.9 | 88 | 100 | 1160 | 100.0% | Y |
| D3-08.1 | LKD | 21.2 | 190 | 200 | 728 | 100.0% | Y |
| D3-08.2 | Bed | 10.4 | 80 | 100 | 1138 | 100.0% | Y |
| D3-09.1 | LKD | 17.4 | 144 | 200 | 699 | 100.0% | Y |
| D3-09.2 | Bed | 11.2 | 96 | 100 | 987 | 100.0% | Y |
| D3-10.1 | LKD | 22.4 | 190 | 200 | 694 | 100.0% | Y |
| D3-10.2 | Bed | 13.8 | 113 | 100 | 1019 | 100.0% | Y |
| D3-11.1 | LKD | 17.4 | 144 | 200 | 704 | 100.0% | Y |
| D3-11.2 | Bed | 11.2 | 96 | 100 | 978 | 100.0% | Y |
| D3-12.1 | LKD | 17.4 | 144 | 200 | 705 | 100.0% | Y |
| D3-12.2 | Bed | 11.2 | 96 | 100 | 1060 | 100.0% | Y |

| Block D Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| D3-13.1 | LKD | 27.8 | 253 | 200 | 881 | 100.0% | Y |
| D3-13.2 | Bed | 9.6 | 72 | 100 | 1272 | 100.0% | Y |
| D3-13.3 | Bed | 11.7 | 91 | 100 | 1072 | 100.0% | Y |
| D4-01.1 | LKD | 27.8 | 253 | 200 | 806 | 100.0% | Y |
| D4-01.2 | Bed | 9.6 | 72 | 100 | 1219 | 100.0% | Y |
| D4-01.3 | Bed | 11.7 | 91 | 100 | 992 | 100.0% | Y |
| D4-02.1 | LKD | 17.4 | 144 | 200 | 498 | 91.0% | Y |
| D4-02.2 | Bed | 11.2 | 96 | 100 | 977 | 100.0% | Y |
| D4-03.1 | LKD | 25.6 | 222 | 200 | 431 | 63.5% | Y |
| D4-03.2 | Bed | 6.6 | 45 | 100 | 1344 | 100.0% | Y |
| D4-03.3 | Bed | 11.7 | 98 | 100 | 997 | 100.0% | Y |
| D4-04.1 | LKD | 17.4 | 144 | 200 | 494 | 90.3% | Y |
| D4-04.2 | Bed | 11.2 | 96 | 100 | 988 | 100.0% | Y |
| D4-05.1 | LKD | 21.2 | 190 | 200 | 588 | 97.4% | Y |
| D4-05.2 | Bed | 10.4 | 80 | 100 | 1063 | 100.0% | Y |
| D4-06.1 | LKD | 27.7 | 246 | 200 | 1481 | 100.0% | Y |
| D4-06.2 | Bed | 10.2 | 81 | 100 | 1234 | 100.0% | Y |
| D4-06.3 | Bed | 10.9 | 88 | 100 | 1213 | 100.0% | Y |
| D4-07.1 | LKD | 27.7 | 246 | 200 | 1499 | 100.0% | Y |
| D4-07.2 | Bed | 10.2 | 81 | 100 | 1132 | 100.0% | Y |
| D4-07.3 | Bed | 10.9 | 88 | 100 | 1162 | 100.0% | Y |
| D4-08.1 | LKD | 21.2 | 190 | 200 | 739 | 100.0% | Y |
| D4-08.2 | Bed | 10.4 | 80 | 100 | 1164 | 100.0% | Y |
| D4-09.1 | LKD | 17.4 | 144 | 200 | 718 | 100.0% | Y |
| D4-09.2 | Bed | 11.2 | 96 | 100 | 1002 | 100.0% | Y |
| D4-10.1 | LKD | 22.4 | 190 | 200 | 709 | 100.0% | Y |
| D4-10.2 | Bed | 13.8 | 113 | 100 | 1030 | 100.0% | Y |
| D4-11.1 | LKD | 17.4 | 144 | 200 | 712 | 100.0% | Y |
| D4-11.2 | Bed | 11.2 | 96 | 100 | 989 | 100.0% | Y |
| D4-12.1 | LKD | 17.4 | 144 | 200 | 725 | 100.0% | Y |
| D4-12.2 | Bed | 11.2 | 96 | 100 | 1087 | 100.0% | Y |
| D4-13.1 | LKD | 27.8 | 253 | 200 | 913 | 100.0% | Y |
| D4-13.2 | Bed | 9.6 | 72 | 100 | 1293 | 100.0% | Y |
| D4-13.3 | Bed | 11.7 | 91 | 100 | 1086 | 100.0% | Y |
| D5-01.1 | LKD | 27.8 | 253 | 200 | 924 | 100.0% | Y |
| D5-01.2 | Bed | 9.6 | 72 | 100 | 1480 | 100.0% | Y |
| D5-01.3 | Bed | 11.7 | 91 | 100 | 1225 | 100.0% | Y |
| D5-02.1 | LKD | 17.4 | 144 | 200 | 684 | 99.3% | Y |
| D5-02.2 | Bed | 11.2 | 96 | 100 | 1216 | 100.0% | Y |
| D5-03.1 | LKD | 25.6 | 222 | 200 | 587 | 80.2% | Y |
| D5-03.2 | Bed | 6.6 | 45 | 100 | 1674 | 100.0% | Y |
| D5-03.3 | Bed | 11.7 | 98 | 100 | 1241 | 100.0% | Y |
| D5-04.1 | LKD | 17.4 | 144 | 200 | 673 | 98.6% | Y |
| D5-04.2 | Bed | 11.2 | 96 | 100 | 1212 | 100.0% | Y |
| D5-05.1 | LKD | 21.2 | 190 | 200 | 741 | 100.0% | Y |
| D5-05.2 | Bed | 10.4 | 80 | 100 | 1287 | 100.0% | Y |
| D5-06.1 | LKD | 27.7 | 246 | 200 | 1594 | 100.0% | Y |
| D5-06.2 | Bed | 10.2 | 81 | 100 | 1427 | 100.0% | Y |
| D5-06.3 | Bed | 10.9 | 88 | 100 | 1399 | 100.0% | Y |
| D5-07.1 | LKD | 27.7 | 246 | 200 | 1538 | 100.0% | Y |
| D5-07.2 | Bed | 10.2 | 81 | 100 | 1161 | 100.0% | Y |

| Block D Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| D5-07.3 | Bed | 10.9 | 88 | 100 | 1187 | 100.0% | Y |
| D5-08.1 | LKD | 21.2 | 190 | 200 | 760 | 100.0% | Y |
| D5-08.2 | Bed | 10.4 | 80 | 100 | 1183 | 100.0% | Y |
| D5-09.1 | LKD | 17.4 | 144 | 200 | 741 | 100.0% | Y |
| D5-09.2 | Bed | 11.2 | 96 | 100 | 1019 | 100.0% | Y |
| D5-10.1 | LKD | 22.4 | 190 | 200 | 726 | 100.0% | Y |
| D5-10.2 | Bed | 13.8 | 113 | 100 | 1052 | 100.0% | Y |
| D5-11.1 | LKD | 17.4 | 144 | 200 | 736 | 100.0% | Y |
| D5-11.2 | Bed | 11.2 | 96 | 100 | 1015 | 100.0% | Y |
| D5-12.1 | LKD | 17.4 | 144 | 200 | 743 | 100.0% | Y |
| D5-12.2 | Bed | 11.2 | 96 | 100 | 1099 | 100.0% | Y |
| D5-13.1 | LKD | 27.8 | 253 | 200 | 946 | 100.0% | Y |
| D5-13.2 | Bed | 9.6 | 72 | 100 | 1310 | 100.0% | Y |
| D5-13.3 | Bed | 11.7 | 91 | 100 | 1114 | 100.0% | Y |
| D6-01.1 | LKD | 27.8 | 253 | 200 | 1447 | 100.0% | Y |
| D6-01.2 | Bed | 9.6 | 72 | 100 | 1672 | 100.0% | Y |
| D6-01.3 | Bed | 11.7 | 91 | 100 | 1435 | 100.0% | Y |
| D6-02.1 | LKD | 17.4 | 144 | 200 | 1360 | 100.0% | Y |
| D6-02.2 | Bed | 11.2 | 96 | 100 | 1457 | 100.0% | Y |
| D6-03.1 | LKD | 25.6 | 222 | 200 | 1132 | 100.0% | Y |
| D6-03.2 | Bed | 6.6 | 45 | 100 | 2032 | 100.0% | Y |
| D6-03.3 | Bed | 11.7 | 98 | 100 | 1427 | 100.0% | Y |
| D6-04.1 | LKD | 17.4 | 144 | 200 | 1350 | 100.0% | Y |
| D6-04.2 | Bed | 11.2 | 96 | 100 | 1418 | 100.0% | Y |
| D6-05.1 | LKD | 21.2 | 190 | 200 | 1343 | 100.0% | Y |
| D6-05.2 | Bed | 10.4 | 80 | 100 | 1607 | 100.0% | Y |
| D6-06.1 | LKD | 27.7 | 246 | 200 | 2097 | 100.0% | Y |
| D6-06.2 | Bed | 10.2 | 81 | 100 | 1664 | 100.0% | Y |
| D6-06.3 | Bed | 10.9 | 88 | 100 | 1556 | 100.0% | Y |
| D6-07.1 | LKD | 27.7 | 246 | 200 | 1833 | 100.0% | Y |
| D6-07.2 | Bed | 10.2 | 81 | 100 | 1237 | 100.0% | Y |
| D6-07.3 | Bed | 10.9 | 88 | 100 | 1198 | 100.0% | Y |
| D6-08.1 | LKD | 21.2 | 190 | 200 | 1075 | 100.0% | Y |
| D6-08.2 | Bed | 10.4 | 80 | 100 | 1215 | 100.0% | Y |
| D6-09.1 | LKD | 17.4 | 144 | 200 | 1078 | 100.0% | Y |
| D6-09.2 | Bed | 11.2 | 96 | 100 | 1173 | 100.0% | Y |
| D6-10.1 | LKD | 22.4 | 190 | 200 | 1031 | 100.0% | Y |
| D6-10.2 | Bed | 13.8 | 113 | 100 | 1070 | 100.0% | Y |
| D6-11.1 | LKD | 17.4 | 144 | 200 | 1068 | 100.0% | Y |
| D6-11.2 | Bed | 11.2 | 96 | 100 | 1159 | 100.0% | Y |
| D6-12.1 | LKD | 17.4 | 144 | 200 | 1090 | 100.0% | Y |
| D6-12.2 | Bed | 11.2 | 96 | 100 | 1145 | 100.0% | Y |
| D6-13.1 | LKD | 27.8 | 253 | 200 | 1233 | 100.0% | Y |
| D6-13.2 | Bed | 9.6 | 72 | 100 | 1333 | 100.0% | Y |
| D6-13.3 | Bed | 11.7 | 91 | 100 | 1135 | 100.0% | Y |

**Table 13: Minimum Daylight Provision Compliance for Habitable Rooms to BS EN17037:2018+A1:2021**

**Block E**


**Ground Floor**


**First Floor**

**Figure 37: Block E - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block E**


**Second Floor**


**Third Floor**

**Figure 38: Block E - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

**Block E**


**Fourth Floor**

**Figure 39: Block E - Floor plans indicating Daylight Provision to BS EN17037:2021+A1 Table NA.1**

| Block E - Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| E0-01.1 | LKD | 30.3 | 271 | 200 | 1160 | 100.0% | Y |
| E0-01.2 | Bed | 11.3 | 96 | 100 | 905 | 100.0% | Y |
| E0-01.3 | Bed | 9.8 | 80 | 100 | 623 | 100.0% | Y |
| E0-02.1 | LKD | 32.1 | 310 | 200 | 347 | 66.1% | Y |
| E0-02.2 | Bed | 15.6 | 144 | 100 | 491 | 100.0% | Y |
| E0-03.1 | LKD | 20.5 | 185 | 200 | 408 | 80.0% | Y |
| E0-03.2 | Bed | 10.9 | 88 | 100 | 604 | 100.0% | Y |
| E0-04.1 | LKD | 20.3 | 167 | 200 | 417 | 83.2% | Y |
| E0-04.2 | Bed | 10.9 | 88 | 100 | 611 | 100.0% | Y |
| E0-05.1 | LKD | 32.2 | 297 | 200 | 963 | 100.0% | Y |
| E0-05.2 | Bed | 12.8 | 104 | 100 | 559 | 100.0% | Y |
| E0-05.3 | Bed | 13.9 | 117 | 100 | 552 | 100.0% | Y |
| E0-06.1 | LKD | 32.2 | 297 | 200 | 1191 | 100.0% | Y |
| E0-06.2 | Bed | 12.8 | 104 | 100 | 1345 | 100.0% | Y |
| E0-06.3 | Bed | 13.9 | 117 | 100 | 1339 | 100.0% | Y |
| E0-07.1 | LKD | 20.5 | 185 | 200 | 699 | 86.5% | Y |
| E0-07.2 | Bed | 10.9 | 88 | 100 | 751 | 100.0% | Y |
| E0-08.1 | LKD | 32.2 | 297 | 200 | 1245 | 100.0% | Y |
| E0-08.2 | Bed | 12.8 | 104 | 100 | 1020 | 100.0% | Y |
| E0-08.3 | Bed | 13.9 | 117 | 100 | 1039 | 100.0% | Y |
| E0-09.1 | LKD | 32.2 | 297 | 200 | 1190 | 100.0% | Y |
| E0-09.2 | Bed | 12.8 | 104 | 100 | 747 | 100.0% | Y |
| E0-09.3 | Bed | 13.9 | 117 | 100 | 812 | 100.0% | Y |
| E0-10.1 | LKD | 20.5 | 185 | 200 | 582 | 85.9% | Y |
| E0-10.2 | Bed | 10.9 | 88 | 100 | 914 | 100.0% | Y |
| E1-01.1 | LKD | 27.0 | 243 | 200 | 868 | 100.0% | Y |
| E1-01.2 | Bed | 8.1 | 63 | 100 | 1238 | 100.0% | Y |
| E1-01.3 | Bed | 10.7 | 88 | 100 | 1068 | 100.0% | Y |
| E1-02.1 | LKD | 23.2 | 206 | 200 | 451 | 98.5% | Y |
| E1-02.2 | Bed | 10.5 | 90 | 100 | 726 | 100.0% | Y |
| E1-03.1 | LKD | 17.6 | 160 | 200 | 455 | 98.8% | Y |
| E1-03.2 | Bed | 11.2 | 96 | 100 | 632 | 100.0% | Y |
| E1-04.1 | LKD | 17.4 | 144 | 200 | 476 | 99.3% | Y |
| E1-04.2 | Bed | 11.2 | 96 | 100 | 632 | 100.0% | Y |
| E1-05.1 | LKD | 27.5 | 245 | 200 | 1157 | 100.0% | Y |
| E1-05.2 | Bed | 10.2 | 81 | 100 | 756 | 100.0% | Y |
| E1-05.3 | Bed | 11.1 | 88 | 100 | 703 | 100.0% | Y |
| E1-06.1 | LKD | 27.5 | 245 | 200 | 1484 | 100.0% | Y |
| E1-06.2 | Bed | 10.2 | 81 | 100 | 1890 | 100.0% | Y |
| E1-06.3 | Bed | 11.1 | 88 | 100 | 1800 | 100.0% | Y |
| E1-07.1 | LKD | 17.4 | 144 | 200 | 892 | 99.3% | Y |
| E1-07.2 | Bed | 11.2 | 96 | 100 | 1650 | 100.0% | Y |
| E1-08.1 | LKD | 17.6 | 160 | 200 | 827 | 100.0% | Y |
| E1-08.2 | Bed | 11.2 | 96 | 100 | 805 | 100.0% | Y |
| E1-09.1 | LKD | 17.6 | 160 | 200 | 794 | 100.0% | Y |
| E1-09.2 | Bed | 11.2 | 96 | 100 | 735 | 100.0% | Y |
| E1-10.1 | LKD | 27.5 | 245 | 200 | 1533 | 100.0% | Y |
| E1-10.2 | Bed | 10.2 | 81 | 100 | 1426 | 100.0% | Y |
| E1-10.3 | Bed | 11.1 | 88 | 100 | 1398 | 100.0% | Y |
| E1-11.1 | LKD | 27.5 | 245 | 200 | 1459 | 100.0% | Y |
| E1-11.2 | Bed | 10.2 | 81 | 100 | 1045 | 100.0% | Y |

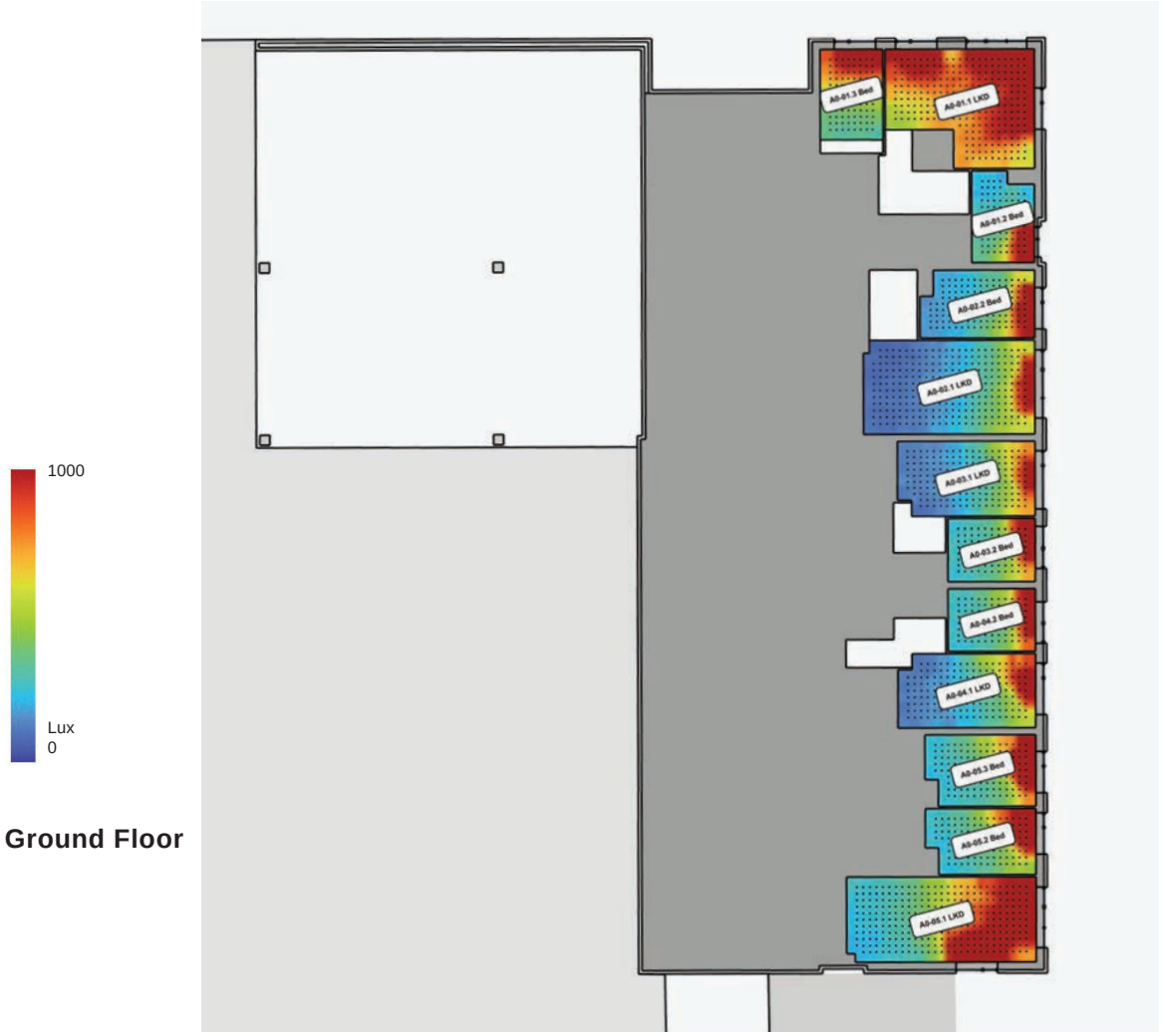
| Block E - Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| E1-11.3 | Bed | 11.1 | 88 | 100 | 1051 | 100.0% | Y |
| E1-12.1 | LKD | 17.6 | 160 | 200 | 653 | 100.0% | Y |
| E1-12.2 | Bed | 11.2 | 96 | 100 | 968 | 100.0% | Y |
| E1-13.1 | LKD | 24.2 | 212 | 200 | 607 | 97.2% | Y |
| E1-13.2 | Bed | 10.5 | 90 | 100 | 1051 | 100.0% | Y |
| E2-01.1 | LKD | 27.0 | 243 | 200 | 912 | 100.0% | Y |
| E2-01.2 | Bed | 8.1 | 63 | 100 | 1292 | 100.0% | Y |
| E2-01.3 | Bed | 10.7 | 88 | 100 | 1118 | 100.0% | Y |
| E2-02.1 | LKD | 23.2 | 206 | 200 | 476 | 99.0% | Y |
| E2-02.2 | Bed | 10.5 | 90 | 100 | 768 | 100.0% | Y |
| E2-03.1 | LKD | 17.6 | 160 | 200 | 490 | 98.8% | Y |
| E2-03.2 | Bed | 11.2 | 96 | 100 | 669 | 100.0% | Y |
| E2-04.1 | LKD | 17.4 | 144 | 200 | 505 | 99.3% | Y |
| E2-04.2 | Bed | 11.2 | 96 | 100 | 671 | 100.0% | Y |
| E2-05.1 | LKD | 27.5 | 245 | 200 | 1181 | 100.0% | Y |
| E2-05.2 | Bed | 10.2 | 81 | 100 | 800 | 100.0% | Y |
| E2-05.3 | Bed | 11.1 | 88 | 100 | 737 | 100.0% | Y |
| E2-06.1 | LKD | 27.5 | 245 | 200 | 1607 | 100.0% | Y |
| E2-06.2 | Bed | 10.2 | 81 | 100 | 2034 | 100.0% | Y |
| E2-06.3 | Bed | 11.1 | 88 | 100 | 1924 | 100.0% | Y |
| E2-07.1 | LKD | 17.4 | 144 | 200 | 998 | 100.0% | Y |
| E2-07.2 | Bed | 11.2 | 96 | 100 | 1731 | 100.0% | Y |
| E2-08.1 | LKD | 17.6 | 160 | 200 | 907 | 100.0% | Y |
| E2-08.2 | Bed | 11.2 | 96 | 100 | 911 | 100.0% | Y |
| E2-09.1 | LKD | 17.6 | 160 | 200 | 870 | 100.0% | Y |
| E2-09.2 | Bed | 11.2 | 96 | 100 | 819 | 100.0% | Y |
| E2-10.1 | LKD | 27.5 | 245 | 200 | 1657 | 100.0% | Y |
| E2-10.2 | Bed | 10.2 | 81 | 100 | 1509 | 100.0% | Y |
| E2-10.3 | Bed | 11.1 | 88 | 100 | 1486 | 100.0% | Y |
| E2-11.1 | LKD | 27.5 | 245 | 200 | 1533 | 100.0% | Y |
| E2-11.2 | Bed | 10.2 | 81 | 100 | 1096 | 100.0% | Y |
| E2-11.3 | Bed | 11.1 | 88 | 100 | 1105 | 100.0% | Y |
| E2-12.1 | LKD | 17.6 | 160 | 200 | 696 | 100.0% | Y |
| E2-12.2 | Bed | 11.2 | 96 | 100 | 1027 | 100.0% | Y |
| E2-13.1 | LKD | 24.2 | 212 | 200 | 641 | 99.5% | Y |
| E2-13.2 | Bed | 10.5 | 90 | 100 | 1101 | 100.0% | Y |
| E3-01.1 | LKD | 27.0 | 243 | 200 | 950 | 100.0% | Y |
| E3-01.2 | Bed | 8.1 | 63 | 100 | 1332 | 100.0% | Y |
| E3-01.3 | Bed | 10.7 | 88 | 100 | 1157 | 100.0% | Y |
| E3-02.1 | LKD | 23.2 | 206 | 200 | 500 | 100.0% | Y |
| E3-02.2 | Bed | 10.5 | 90 | 100 | 806 | 100.0% | Y |
| E3-03.1 | LKD | 17.6 | 160 | 200 | 521 | 100.0% | Y |
| E3-03.2 | Bed | 11.2 | 96 | 100 | 708 | 100.0% | Y |
| E3-04.1 | LKD | 17.4 | 144 | 200 | 537 | 100.0% | Y |
| E3-04.2 | Bed | 11.2 | 96 | 100 | 706 | 100.0% | Y |
| E3-05.1 | LKD | 27.5 | 245 | 200 | 1206 | 100.0% | Y |
| E3-05.2 | Bed | 10.2 | 81 | 100 | 830 | 100.0% | Y |
| E3-05.3 | Bed | 11.1 | 88 | 100 | 778 | 100.0% | Y |
| E3-06.1 | LKD | 27.5 | 245 | 200 | 1702 | 100.0% | Y |
| E3-06.2 | Bed | 10.2 | 81 | 100 | 2123 | 100.0% | Y |
| E3-06.3 | Bed | 11.1 | 88 | 100 | 2017 | 100.0% | Y |

| Block E - Minimum Illuminance Levels to BS EN17037:2018+A1:2021 - Table NA.1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Space ID | Use | Area m2 | Sensor Count | Target Lux | Mean Lux | % of grid target exceeded - Minimum 50% of Grid | Meets Criteria |
| E3-07.1 | LKD | 17.4 | 144 | 200 | 1103 | 100.0% | Y |
| E3-07.2 | Bed | 11.2 | 96 | 100 | 1836 | 100.0% | Y |
| E3-08.1 | LKD | 17.6 | 160 | 200 | 993 | 100.0% | Y |
| E3-08.2 | Bed | 11.2 | 96 | 100 | 1115 | 100.0% | Y |
| E3-09.1 | LKD | 17.6 | 160 | 200 | 947 | 100.0% | Y |
| E3-09.2 | Bed | 11.2 | 96 | 100 | 980 | 100.0% | Y |
| E3-10.1 | LKD | 27.5 | 245 | 200 | 1744 | 100.0% | Y |
| E3-10.2 | Bed | 10.2 | 81 | 100 | 1596 | 100.0% | Y |
| E3-10.3 | Bed | 11.1 | 88 | 100 | 1560 | 100.0% | Y |
| E3-11.1 | LKD | 27.5 | 245 | 200 | 1583 | 100.0% | Y |
| E3-11.2 | Bed | 10.2 | 81 | 100 | 1136 | 100.0% | Y |
| E3-11.3 | Bed | 11.1 | 88 | 100 | 1153 | 100.0% | Y |
| E3-12.1 | LKD | 17.6 | 160 | 200 | 725 | 100.0% | Y |
| E3-12.2 | Bed | 11.2 | 96 | 100 | 1063 | 100.0% | Y |
| E3-13.1 | LKD | 24.2 | 212 | 200 | 678 | 100.0% | Y |
| E3-13.2 | Bed | 10.5 | 90 | 100 | 1148 | 100.0% | Y |
| E4-01.1 | LKD | 27.0 | 243 | 200 | 1248 | 100.0% | Y |
| E4-01.2 | Bed | 8.1 | 63 | 100 | 1391 | 100.0% | Y |
| E4-01.3 | Bed | 10.7 | 88 | 100 | 1181 | 100.0% | Y |
| E4-02.1 | LKD | 23.2 | 206 | 200 | 701 | 100.0% | Y |
| E4-02.2 | Bed | 10.5 | 90 | 100 | 853 | 100.0% | Y |
| E4-03.1 | LKD | 17.6 | 160 | 200 | 738 | 100.0% | Y |
| E4-03.2 | Bed | 11.2 | 96 | 100 | 775 | 100.0% | Y |
| E4-04.1 | LKD | 17.4 | 144 | 200 | 742 | 100.0% | Y |
| E4-04.2 | Bed | 11.2 | 96 | 100 | 784 | 100.0% | Y |
| E4-05.1 | LKD | 27.5 | 245 | 200 | 1379 | 100.0% | Y |
| E4-05.2 | Bed | 10.2 | 81 | 100 | 879 | 100.0% | Y |
| E4-05.3 | Bed | 11.1 | 88 | 100 | 811 | 100.0% | Y |
| E4-06.1 | LKD | 27.5 | 245 | 200 | 2329 | 100.0% | Y |
| E4-06.2 | Bed | 10.2 | 81 | 100 | 2259 | 100.0% | Y |
| E4-06.3 | Bed | 11.1 | 88 | 100 | 2073 | 100.0% | Y |
| E4-07.1 | LKD | 17.4 | 144 | 200 | 1880 | 100.0% | Y |
| E4-07.2 | Bed | 11.2 | 96 | 100 | 2080 | 100.0% | Y |
| E4-08.1 | LKD | 17.6 | 160 | 200 | 1761 | 100.0% | Y |
| E4-08.2 | Bed | 11.2 | 96 | 100 | 1656 | 100.0% | Y |
| E4-09.1 | LKD | 17.6 | 160 | 200 | 1474 | 100.0% | Y |
| E4-09.2 | Bed | 11.2 | 96 | 100 | 1479 | 100.0% | Y |
| E4-10.1 | LKD | 27.5 | 245 | 200 | 2206 | 100.0% | Y |
| E4-10.2 | Bed | 10.2 | 81 | 100 | 1735 | 100.0% | Y |
| E4-10.3 | Bed | 11.1 | 88 | 100 | 1624 | 100.0% | Y |
| E4-11.1 | LKD | 27.5 | 245 | 200 | 1887 | 100.0% | Y |
| E4-11.2 | Bed | 10.2 | 81 | 100 | 1228 | 100.0% | Y |
| E4-11.3 | Bed | 11.1 | 88 | 100 | 1168 | 100.0% | Y |
| E4-12.1 | LKD | 17.6 | 160 | 200 | 1085 | 100.0% | Y |
| E4-12.2 | Bed | 11.2 | 96 | 100 | 1119 | 100.0% | Y |
| E4-13.1 | LKD | 24.2 | 212 | 200 | 983 | 100.0% | Y |
| E4-13.2 | Bed | 10.5 | 90 | 100 | 1255 | 100.0% | Y |

**Table 14: Minimum Daylight Provision Compliance for Habitable Rooms to BS EN17037:2018+A1:2021**

## Appendix B - Supplementary Information - Daylight Provision Room Results to IS EN 17037:2018+A1:2021

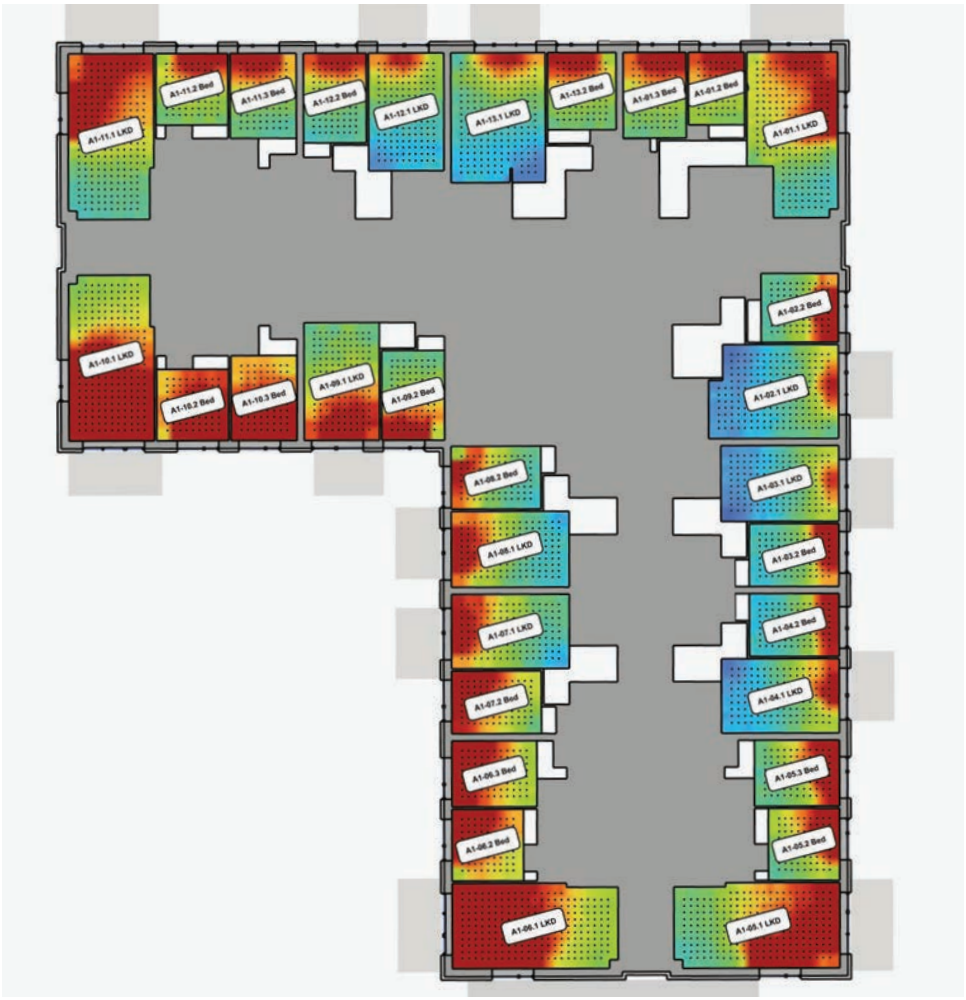
### Block A



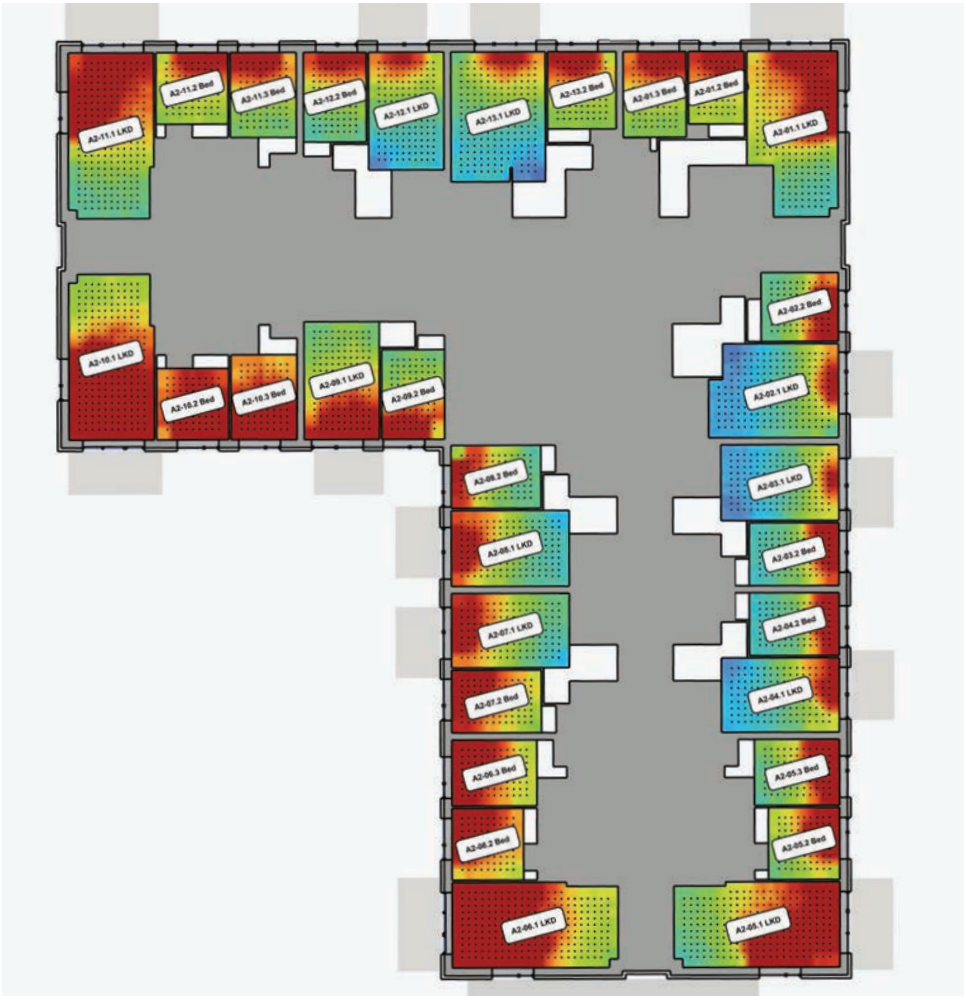

Ground Floor

**Figure 40: Block A - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

**Block A**




**First Floor**

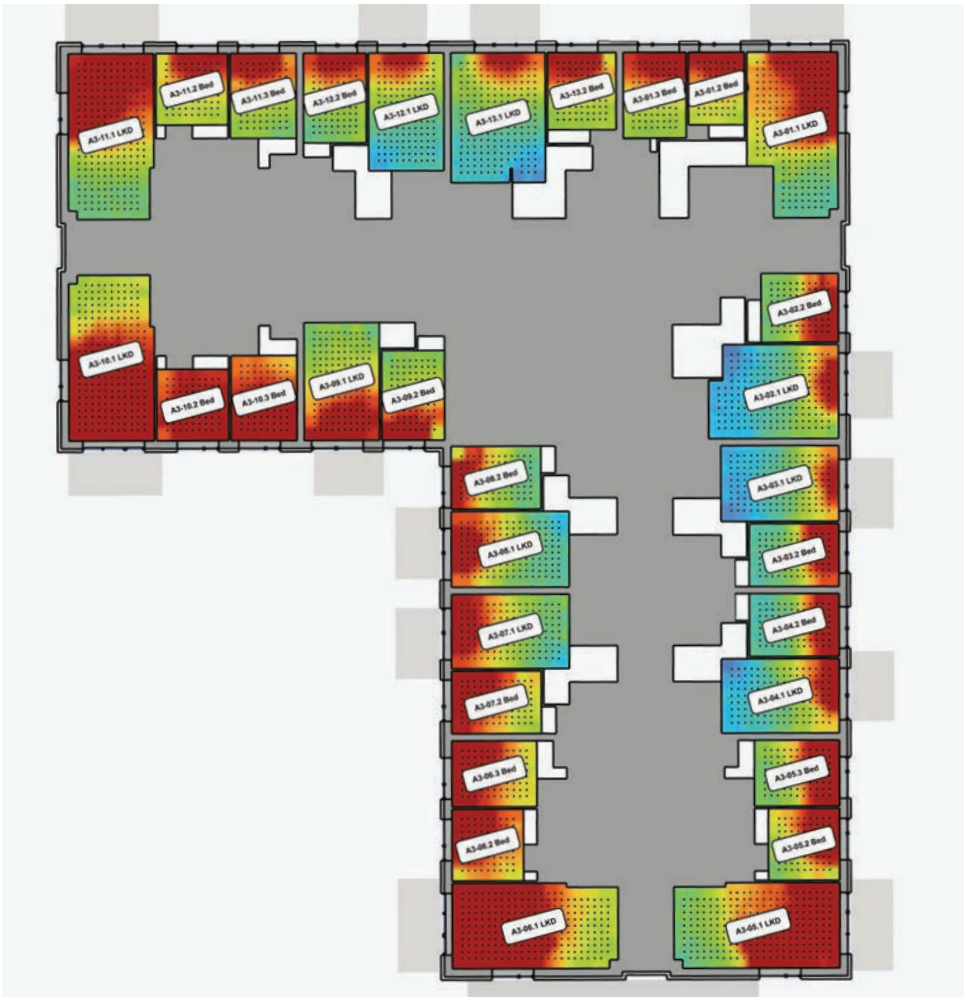




**Second Floor**

**Figure 41: Block A - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

**Block A**



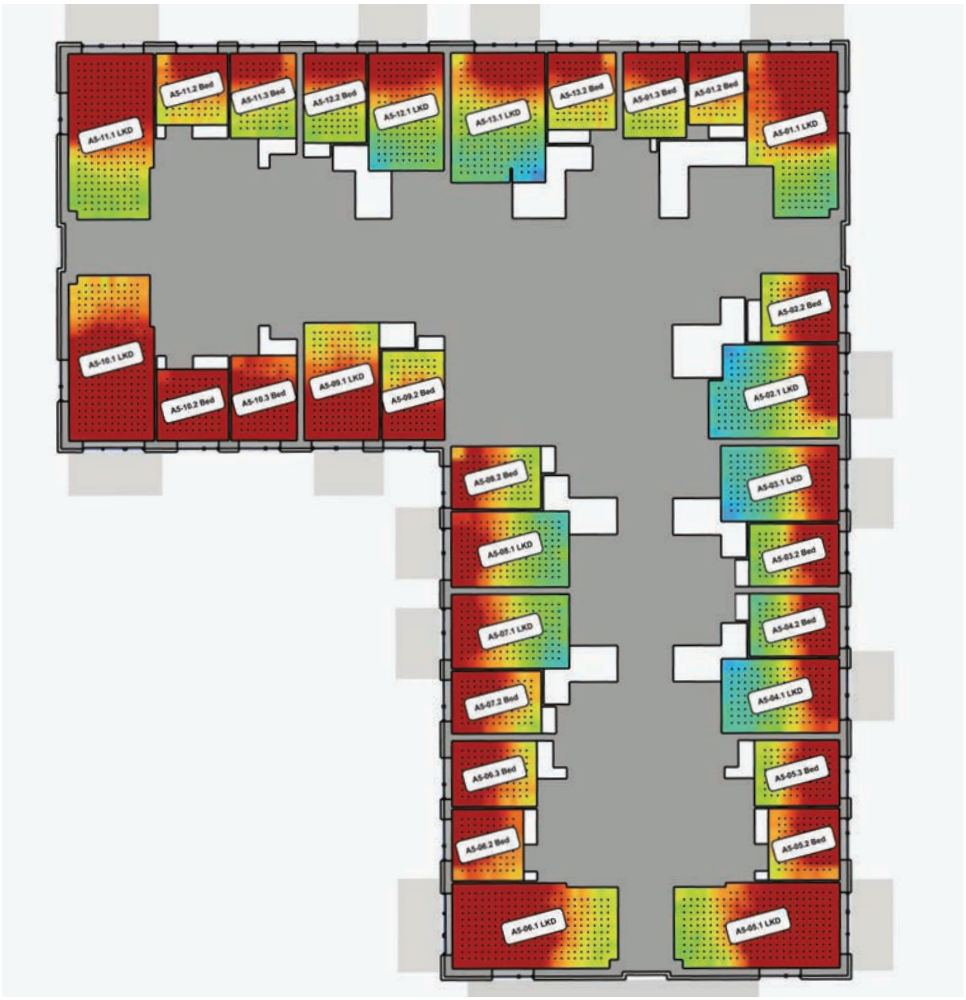

**Third Floor**



**Fourth Floor**

**Figure 42: Block A - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

**Block A**




**Fifth Floor**


1000

Lux
0

**Sixth Floor**

**Figure 43: Block A - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

## Block A - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A0-01.1 | LKD | 30.3 | 271 | High | 78.7% | 66.7% | 53.1% | High | 87.9% | 72.4% | 55.7% |
| A0-01.2 | Bed | 10.8 | 88 | Fail | 46.6% | 21.9% | 5.4% | Minimum | 67.6% | 23.0% | 4.7% |
| A0-01.3 | Bed | 11.3 | 96 | Medium | 72.8% | 55.2% | 30.5% | Medium | 82.5% | 54.4% | 21.7% |
| A0-02.1 | LKD | 32.0 | 286 | Fail | 23.5% | 4.5% | 0.9% | Fail | 36.4% | 0.0% | 0.0% |
| A0-02.2 | Bed | 14.8 | 136 | Fail | 42.0% | 16.7% | 3.6% | Minimum | 62.4% | 15.1% | 2.1% |
| A0-03.1 | LKD | 20.1 | 185 | Fail | 34.7% | 7.1% | 3.5% | Minimum | 50.6% | 4.6% | 0.0% |
| A0-03.2 | Bed | 10.9 | 88 | Fail | 46.1% | 25.0% | 7.2% | Minimum | 69.5% | 31.1% | 8.5% |
| A0-04.1 | LKD | 19.9 | 167 | Fail | 32.8% | 9.4% | 4.7% | Fail | 46.6% | 5.5% | 1.1% |
| A0-04.2 | Bed | 10.9 | 88 | Fail | 48.2% | 26.8% | 6.7% | Minimum | 70.4% | 31.0% | 7.6% |
| A0-05.1 | LKD | 32.1 | 296 | Minimum | 60.3% | 45.1% | 29.8% | Minimum | 64.3% | 28.0% | 9.1% |
| A0-05.2 | Bed | 13.9 | 112 | Fail | 48.2% | 26.1% | 10.6% | Minimum | 66.8% | 25.5% | 8.5% |
| A0-05.3 | Bed | 15.1 | 127 | Fail | 46.9% | 25.1% | 8.7% | Minimum | 66.8% | 25.6% | 7.9% |
| A1-01.1 | LKD | 27.0 | 243 | Medium | 74.1% | 59.0% | 43.3% | Medium | 79.9% | 50.2% | 22.5% |
| A1-01.2 | Bed | 8.1 | 63 | High | 78.6% | 66.1% | 51.0% | High | 87.6% | 71.1% | 53.3% |
| A1-01.3 | Bed | 10.7 | 88 | Medium | 76.5% | 60.3% | 42.4% | Medium | 86.3% | 65.9% | 45.8% |
| A1-02.1 | LKD | 23.2 | 206 | Fail | 42.4% | 15.9% | 3.7% | Minimum | 59.7% | 8.8% | 0.8% |
| A1-02.2 | Bed | 10.5 | 90 | Minimum | 58.4% | 39.4% | 19.7% | Minimum | 77.2% | 44.7% | 18.7% |
| A1-03.1 | LKD | 17.6 | 160 | Fail | 40.4% | 15.3% | 5.3% | Minimum | 56.1% | 5.6% | 0.2% |
| A1-03.2 | Bed | 11.2 | 96 | Fail | 49.7% | 29.0% | 9.3% | Minimum | 69.6% | 31.6% | 8.9% |
| A1-04.1 | LKD | 17.4 | 144 | Fail | 44.7% | 21.9% | 6.8% | Minimum | 60.8% | 17.4% | 4.3% |
| A1-04.2 | Bed | 11.2 | 96 | Fail | 49.7% | 27.6% | 8.1% | Minimum | 69.4% | 30.9% | 5.9% |
| A1-05.1 | LKD | 27.5 | 245 | Medium | 68.4% | 54.2% | 41.0% | Minimum | 75.8% | 45.1% | 26.0% |
| A1-05.2 | Bed | 10.2 | 81 | Minimum | 64.1% | 47.8% | 29.3% | Minimum | 78.7% | 48.5% | 28.6% |
| A1-05.3 | Bed | 11.1 | 88 | Minimum | 60.6% | 43.8% | 25.4% | Minimum | 76.5% | 43.5% | 21.6% |
| A1-06.1 | LKD | 27.5 | 245 | High | 77.5% | 65.9% | 53.9% | Medium | 82.1% | 58.4% | 41.0% |
| A1-06.2 | Bed | 10.2 | 81 | Medium | 76.3% | 61.7% | 44.3% | Medium | 86.9% | 68.3% | 49.5% |
| A1-06.3 | Bed | 11.1 | 88 | Medium | 75.0% | 60.4% | 41.8% | Medium | 84.7% | 62.6% | 40.9% |
| A1-07.1 | LKD | 17.4 | 144 | Minimum | 59.7% | 37.4% | 20.8% | Minimum | 76.8% | 38.9% | 17.3% |
| A1-07.2 | Bed | 11.2 | 96 | Medium | 72.0% | 55.8% | 37.2% | Medium | 84.4% | 61.9% | 38.9% |
| A1-08.1 | LKD | 17.6 | 160 | Minimum | 54.1% | 32.3% | 16.7% | Minimum | 74.3% | 34.6% | 13.9% |
| A1-08.2 | Bed | 11.2 | 96 | Minimum | 52.6% | 31.3% | 16.2% | Minimum | 74.5% | 35.6% | 16.2% |
| A1-09.1 | LKD | 17.6 | 160 | Minimum | 57.8% | 39.4% | 26.0% | Minimum | 75.2% | 40.3% | 24.1% |
| A1-09.2 | Bed | 11.2 | 96 | Minimum | 53.9% | 34.7% | 22.5% | Minimum | 75.6% | 41.7% | 23.8% |
| A1-10.1 | LKD | 27.5 | 245 | High | 78.0% | 66.8% | 53.5% | Medium | 81.7% | 56.6% | 39.0% |
| A1-10.2 | Bed | 10.2 | 81 | Medium | 73.6% | 59.5% | 46.8% | Medium | 83.4% | 62.2% | 46.3% |
| A1-10.3 | Bed | 11.1 | 88 | Medium | 73.4% | 58.4% | 44.5% | Medium | 82.3% | 59.3% | 40.7% |
| A1-11.1 | LKD | 27.5 | 245 | High | 78.2% | 66.3% | 52.0% | Medium | 82.6% | 57.5% | 33.9% |
| A1-11.2 | Bed | 10.2 | 81 | Medium | 76.8% | 60.8% | 43.9% | High | 87.1% | 68.9% | 50.7% |
| A1-11.3 | Bed | 11.1 | 88 | Medium | 75.1% | 58.1% | 39.7% | Medium | 85.5% | 62.5% | 41.1% |
| A1-12.1 | LKD | 17.6 | 160 | Minimum | 61.8% | 40.4% | 7.6% | Minimum | 77.9% | 41.0% | 3.7% |
| A1-12.2 | Bed | 11.2 | 96 | Medium | 72.3% | 54.6% | 33.0% | Medium | 84.8% | 59.8% | 36.0% |
| A1-13.1 | LKD | 24.2 | 212 | Minimum | 59.9% | 36.8% | 6.4% | Minimum | 75.8% | 32.6% | 1.0% |
| A1-13.2 | Bed | 10.5 | 90 | Medium | 76.6% | 60.5% | 42.9% | Medium | 86.6% | 67.4% | 48.3% |
| A2-01.1 | LKD | 27.0 | 243 | Medium | 74.6% | 59.7% | 44.6% | Medium | 80.2% | 51.6% | 24.7% |
| A2-01.2 | Bed | 8.1 | 63 | High | 78.9% | 66.5% | 51.6% | High | 87.8% | 72.0% | 54.5% |
| A2-01.3 | Bed | 10.7 | 88 | Medium | 77.0% | 61.4% | 45.2% | Medium | 86.6% | 67.8% | 49.2% |
| A2-02.1 | LKD | 23.2 | 206 | Fail | 45.7% | 19.3% | 4.7% | Minimum | 62.3% | 13.2% | 1.6% |
| A2-02.2 | Bed | 10.5 | 90 | Minimum | 61.3% | 43.6% | 24.1% | Minimum | 77.9% | 47.2% | 23.6% |
| A2-03.1 | LKD | 17.6 | 160 | Fail | 45.3% | 19.7% | 5.6% | Minimum | 59.6% | 10.6% | 1.5% |
| A2-03.2 | Bed | 11.2 | 96 | Minimum | 54.8% | 35.8% | 16.3% | Minimum | 70.5% | 34.8% | 10.0% |

## Block A - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A2-04.1 | LKD | 17.4 | 144 | Fail | 47.2% | 25.6% | 7.5% | Minimum | 60.8% | 18.4% | 4.9% |
| A2-04.2 | Bed | 11.2 | 96 | Minimum | 55.5% | 35.5% | 14.3% | Minimum | 71.8% | 35.6% | 8.3% |
| A2-05.1 | LKD | 27.5 | 245 | Medium | 70.4% | 56.9% | 44.5% | Minimum | 77.3% | 48.5% | 29.5% |
| A2-05.2 | Bed | 10.2 | 81 | Medium | 66.0% | 50.5% | 33.8% | Medium | 80.1% | 52.7% | 33.3% |
| A2-05.3 | Bed | 11.1 | 88 | Minimum | 62.3% | 46.2% | 28.9% | Minimum | 77.6% | 46.7% | 24.9% |
| A2-06.1 | LKD | 27.5 | 245 | High | 77.9% | 66.8% | 55.2% | Medium | 82.6% | 59.9% | 43.3% |
| A2-06.2 | Bed | 10.2 | 81 | Medium | 77.1% | 63.6% | 47.6% | High | 87.0% | 69.0% | 51.0% |
| A2-06.3 | Bed | 11.1 | 88 | Medium | 75.5% | 61.2% | 45.2% | Medium | 85.3% | 64.2% | 44.8% |
| A2-07.1 | LKD | 17.4 | 144 | Minimum | 62.2% | 41.5% | 23.9% | Minimum | 77.8% | 44.6% | 20.1% |
| A2-07.2 | Bed | 11.2 | 96 | Medium | 73.5% | 58.6% | 41.3% | Medium | 85.0% | 63.5% | 43.9% |
| A2-08.1 | LKD | 17.6 | 160 | Minimum | 57.1% | 36.0% | 19.3% | Minimum | 75.6% | 37.5% | 15.7% |
| A2-08.2 | Bed | 11.2 | 96 | Minimum | 56.3% | 36.1% | 20.6% | Minimum | 77.1% | 41.5% | 21.8% |
| A2-09.1 | LKD | 17.6 | 160 | Minimum | 60.4% | 42.2% | 29.0% | Minimum | 76.3% | 44.2% | 26.3% |
| A2-09.2 | Bed | 11.2 | 96 | Minimum | 57.7% | 39.6% | 25.0% | Minimum | 77.0% | 45.0% | 27.0% |
| A2-10.1 | LKD | 27.5 | 245 | High | 78.5% | 67.8% | 55.2% | Medium | 82.4% | 59.1% | 41.4% |
| A2-10.2 | Bed | 10.2 | 81 | Medium | 74.8% | 62.0% | 49.5% | Medium | 83.9% | 63.8% | 48.7% |
| A2-10.3 | Bed | 11.1 | 88 | Medium | 74.2% | 60.6% | 47.3% | Medium | 83.2% | 62.1% | 44.7% |
| A2-11.1 | LKD | 27.5 | 245 | High | 78.3% | 66.9% | 52.6% | Medium | 82.6% | 57.5% | 35.2% |
| A2-11.2 | Bed | 10.2 | 81 | Medium | 76.8% | 61.5% | 44.9% | High | 87.3% | 70.1% | 52.2% |
| A2-11.3 | Bed | 11.1 | 88 | Medium | 76.1% | 59.5% | 42.1% | Medium | 85.5% | 62.9% | 42.2% |
| A2-12.1 | LKD | 17.6 | 160 | Minimum | 64.3% | 43.7% | 13.2% | Minimum | 78.2% | 42.6% | 5.0% |
| A2-12.2 | Bed | 11.2 | 96 | Medium | 72.8% | 55.5% | 35.7% | Medium | 84.8% | 60.2% | 37.6% |
| A2-13.1 | LKD | 24.2 | 212 | Minimum | 60.4% | 38.6% | 7.5% | Minimum | 76.6% | 36.9% | 1.5% |
| A2-13.2 | Bed | 10.5 | 90 | Medium | 77.1% | 61.7% | 45.4% | Medium | 86.4% | 67.0% | 48.2% |
| A3-01.1 | LKD | 27.0 | 243 | Medium | 73.1% | 58.6% | 44.1% | Minimum | 77.6% | 47.8% | 24.3% |
| A3-01.2 | Bed | 8.1 | 63 | Medium | 76.9% | 62.8% | 48.3% | High | 86.3% | 67.5% | 50.7% |
| A3-01.3 | Bed | 10.7 | 88 | Medium | 74.3% | 58.5% | 43.0% | Medium | 84.5% | 61.7% | 43.1% |
| A3-02.1 | LKD | 23.2 | 206 | Fail | 48.6% | 25.3% | 5.8% | Minimum | 63.2% | 18.2% | 3.5% |
| A3-02.2 | Bed | 10.5 | 90 | Minimum | 65.5% | 49.6% | 34.1% | Medium | 79.2% | 51.0% | 29.7% |
| A3-03.1 | LKD | 17.6 | 160 | Fail | 47.5% | 25.3% | 7.0% | Minimum | 61.3% | 17.0% | 3.7% |
| A3-03.2 | Bed | 11.2 | 96 | Minimum | 58.2% | 41.1% | 22.6% | Minimum | 73.2% | 40.8% | 16.5% |
| A3-04.1 | LKD | 17.4 | 144 | Minimum | 50.5% | 30.1% | 9.5% | Minimum | 63.5% | 22.3% | 5.9% |
| A3-04.2 | Bed | 11.2 | 96 | Minimum | 57.9% | 40.0% | 20.1% | Minimum | 74.1% | 40.1% | 12.9% |
| A3-05.1 | LKD | 27.5 | 245 | Medium | 72.7% | 59.7% | 47.4% | Minimum | 77.8% | 49.8% | 32.0% |
| A3-05.2 | Bed | 10.2 | 81 | Medium | 69.0% | 54.6% | 39.8% | Medium | 81.0% | 55.2% | 36.4% |
| A3-05.3 | Bed | 11.1 | 88 | Medium | 65.8% | 51.7% | 35.8% | Medium | 78.7% | 50.4% | 29.3% |
| A3-06.1 | LKD | 27.5 | 245 | High | 78.1% | 67.2% | 55.6% | Medium | 82.0% | 59.6% | 43.6% |
| A3-06.2 | Bed | 10.2 | 81 | Medium | 76.9% | 63.9% | 48.2% | High | 86.8% | 68.9% | 51.8% |
| A3-06.3 | Bed | 11.1 | 88 | Medium | 76.2% | 62.6% | 47.1% | Medium | 85.5% | 65.1% | 46.8% |
| A3-07.1 | LKD | 17.4 | 144 | Minimum | 61.4% | 42.4% | 23.9% | Minimum | 76.5% | 43.4% | 17.1% |
| A3-07.2 | Bed | 11.2 | 96 | Medium | 72.9% | 58.3% | 42.2% | Medium | 83.8% | 62.1% | 42.9% |
| A3-08.1 | LKD | 17.6 | 160 | Minimum | 58.0% | 36.7% | 18.5% | Minimum | 73.7% | 37.0% | 11.8% |
| A3-08.2 | Bed | 11.2 | 96 | Minimum | 58.2% | 38.5% | 21.4% | Minimum | 76.2% | 42.0% | 19.9% |
| A3-09.1 | LKD | 17.6 | 160 | Minimum | 61.1% | 43.1% | 30.0% | Minimum | 76.6% | 45.4% | 28.0% |
| A3-09.2 | Bed | 11.2 | 96 | Minimum | 59.6% | 40.8% | 26.9% | Minimum | 77.9% | 47.2% | 28.3% |
| A3-10.1 | LKD | 27.5 | 245 | High | 77.4% | 65.8% | 55.2% | Medium | 81.8% | 58.6% | 41.7% |
| A3-10.2 | Bed | 10.2 | 81 | High | 75.6% | 63.8% | 51.4% | High | 85.4% | 67.2% | 52.9% |
| A3-10.3 | Bed | 11.1 | 88 | Medium | 74.5% | 61.4% | 48.2% | Medium | 83.6% | 63.2% | 47.0% |
| A3-11.1 | LKD | 27.5 | 245 | Medium | 76.2% | 62.2% | 48.9% | Medium | 79.5% | 52.9% | 29.7% |
| A3-11.2 | Bed | 10.2 | 81 | Medium | 74.1% | 59.3% | 44.0% | Medium | 85.2% | 64.4% | 46.8% |

## Block A - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

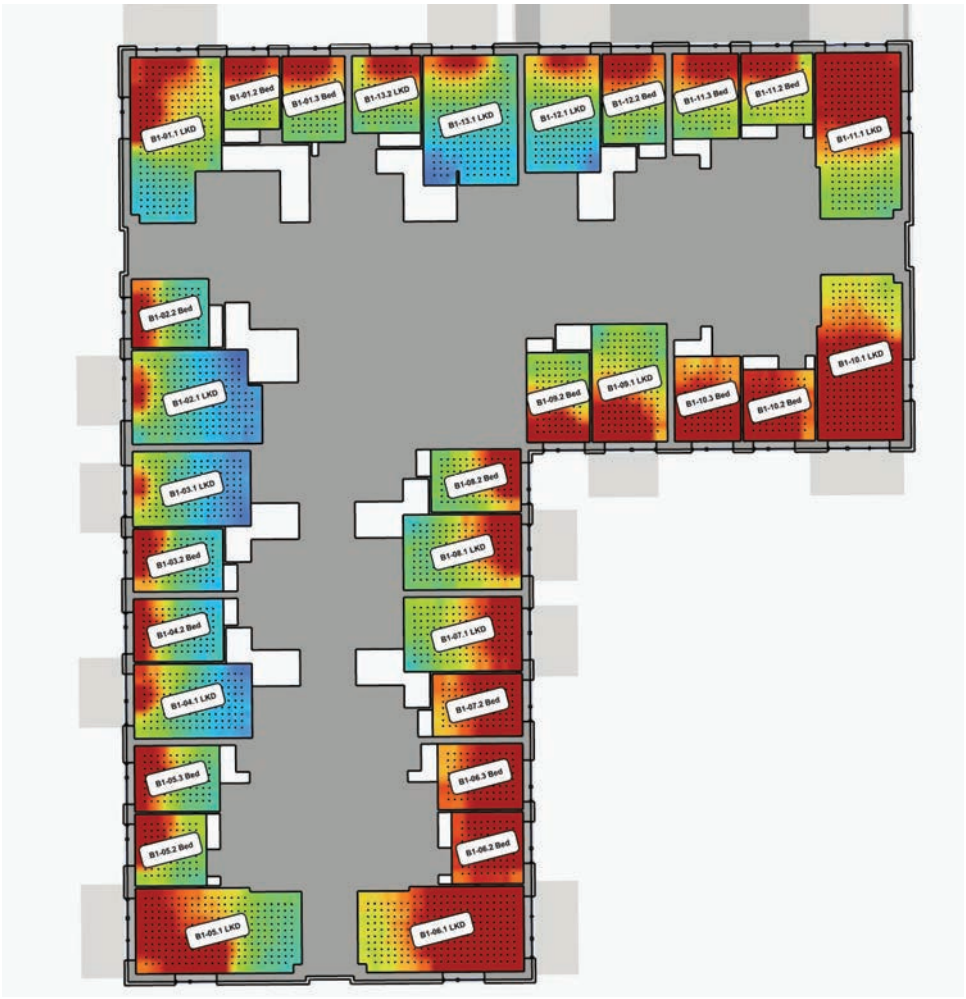
| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A3-11.3 | Bed | 11.1 | 88 | Medium | 72.4% | 56.3% | 39.7% | Medium | 82.4% | 57.8% | 38.6% |
| A3-12.1 | LKD | 17.6 | 160 | Minimum | 59.3% | 39.7% | 12.6% | Minimum | 73.7% | 36.3% | 3.8% |
| A3-12.2 | Bed | 11.2 | 96 | Medium | 69.0% | 52.9% | 34.0% | Medium | 81.1% | 53.8% | 32.2% |
| A3-13.1 | LKD | 24.2 | 212 | Minimum | 57.2% | 36.5% | 10.1% | Minimum | 70.8% | 30.4% | 1.6% |
| A3-13.2 | Bed | 10.5 | 90 | Medium | 74.0% | 58.4% | 42.6% | Medium | 85.0% | 62.9% | 44.4% |
| A4-01.1 | LKD | 27.0 | 243 | Medium | 74.9% | 61.1% | 47.4% | Medium | 78.7% | 51.2% | 29.0% |
| A4-01.2 | Bed | 8.1 | 63 | High | 78.1% | 65.9% | 52.5% | High | 87.2% | 70.1% | 54.0% |
| A4-01.3 | Bed | 10.7 | 88 | Medium | 75.9% | 61.2% | 45.8% | Medium | 85.7% | 64.8% | 46.8% |
| A4-02.1 | LKD | 23.2 | 206 | Minimum | 53.0% | 31.5% | 7.9% | Minimum | 66.8% | 26.0% | 5.0% |
| A4-02.2 | Bed | 10.5 | 90 | Medium | 69.5% | 55.2% | 40.7% | Medium | 80.8% | 55.2% | 35.6% |
| A4-03.1 | LKD | 17.6 | 160 | Minimum | 52.8% | 33.1% | 9.3% | Minimum | 65.3% | 24.2% | 5.1% |
| A4-03.2 | Bed | 11.2 | 96 | Minimum | 62.1% | 48.5% | 30.7% | Minimum | 76.8% | 46.8% | 21.7% |
| A4-04.1 | LKD | 17.4 | 144 | Minimum | 54.2% | 36.0% | 14.3% | Minimum | 67.9% | 30.6% | 7.3% |
| A4-04.2 | Bed | 11.2 | 96 | Minimum | 63.3% | 48.2% | 30.2% | Minimum | 76.8% | 45.6% | 18.0% |
| A4-05.1 | LKD | 27.5 | 245 | High | 75.3% | 63.1% | 51.6% | Medium | 79.4% | 53.7% | 37.6% |
| A4-05.2 | Bed | 10.2 | 81 | Medium | 71.9% | 57.8% | 43.7% | Medium | 82.5% | 59.4% | 42.4% |
| A4-05.3 | Bed | 11.1 | 88 | Medium | 68.9% | 55.0% | 41.6% | Medium | 79.9% | 53.3% | 34.5% |
| A4-06.1 | LKD | 27.5 | 245 | High | 78.5% | 67.9% | 56.9% | Medium | 82.5% | 61.0% | 44.7% |
| A4-06.2 | Bed | 10.2 | 81 | High | 77.3% | 64.7% | 50.1% | High | 87.1% | 70.2% | 54.0% |
| A4-06.3 | Bed | 11.1 | 88 | Medium | 76.5% | 63.3% | 48.4% | Medium | 85.4% | 65.1% | 47.0% |
| A4-07.1 | LKD | 17.4 | 144 | Minimum | 63.1% | 45.4% | 25.6% | Minimum | 76.8% | 44.6% | 17.4% |
| A4-07.2 | Bed | 11.2 | 96 | Medium | 74.0% | 60.4% | 45.0% | Medium | 84.2% | 62.9% | 45.0% |
| A4-08.1 | LKD | 17.6 | 160 | Minimum | 59.5% | 40.0% | 20.4% | Minimum | 75.1% | 40.8% | 14.1% |
| A4-08.2 | Bed | 11.2 | 96 | Minimum | 61.0% | 42.1% | 24.5% | Minimum | 78.3% | 48.0% | 25.6% |
| A4-09.1 | LKD | 17.6 | 160 | Minimum | 62.8% | 46.6% | 31.8% | Minimum | 78.0% | 48.2% | 30.2% |
| A4-09.2 | Bed | 11.2 | 96 | Minimum | 61.6% | 43.2% | 29.0% | Medium | 78.8% | 50.2% | 30.4% |
| A4-10.1 | LKD | 27.5 | 245 | High | 78.7% | 68.3% | 57.4% | Medium | 82.5% | 60.2% | 45.0% |
| A4-10.2 | Bed | 10.2 | 81 | High | 77.1% | 66.0% | 54.3% | High | 86.2% | 69.7% | 55.2% |
| A4-10.3 | Bed | 11.1 | 88 | High | 75.3% | 62.7% | 50.2% | Medium | 84.3% | 65.6% | 49.6% |
| A4-11.1 | LKD | 27.5 | 245 | High | 77.5% | 65.3% | 52.4% | Medium | 81.0% | 56.4% | 35.2% |
| A4-11.2 | Bed | 10.2 | 81 | Medium | 75.8% | 61.9% | 46.9% | High | 86.5% | 67.9% | 51.1% |
| A4-11.3 | Bed | 11.1 | 88 | Medium | 75.3% | 60.3% | 44.7% | Medium | 84.5% | 61.9% | 42.9% |
| A4-12.1 | LKD | 17.6 | 160 | Minimum | 62.4% | 44.0% | 18.7% | Minimum | 77.1% | 42.9% | 10.4% |
| A4-12.2 | Bed | 11.2 | 96 | Medium | 71.4% | 55.6% | 38.0% | Medium | 82.8% | 58.6% | 38.3% |
| A4-13.1 | LKD | 24.2 | 212 | Minimum | 60.2% | 40.4% | 13.3% | Minimum | 75.1% | 38.7% | 2.5% |
| A4-13.2 | Bed | 10.5 | 90 | Medium | 76.0% | 61.1% | 45.5% | Medium | 85.7% | 65.0% | 47.2% |
| A5-01.1 | LKD | 27.0 | 243 | High | 76.9% | 63.9% | 50.8% | Medium | 80.1% | 54.7% | 32.5% |
| A5-01.2 | Bed | 8.1 | 63 | High | 78.7% | 67.3% | 54.1% | High | 87.7% | 72.3% | 56.3% |
| A5-01.3 | Bed | 10.7 | 88 | Medium | 76.8% | 62.9% | 48.4% | Medium | 86.2% | 66.8% | 49.7% |
| A5-02.1 | LKD | 23.2 | 206 | Minimum | 58.7% | 40.8% | 18.9% | Minimum | 70.3% | 35.6% | 7.1% |
| A5-02.2 | Bed | 10.5 | 90 | Medium | 73.8% | 60.3% | 47.2% | Medium | 83.3% | 61.4% | 44.4% |
| A5-03.1 | LKD | 17.6 | 160 | Minimum | 58.9% | 42.2% | 21.2% | Minimum | 69.6% | 34.8% | 7.0% |
| A5-03.2 | Bed | 11.2 | 96 | Medium | 68.0% | 54.4% | 40.8% | Medium | 79.2% | 52.7% | 32.7% |
| A5-04.1 | LKD | 17.4 | 144 | Minimum | 59.3% | 43.1% | 22.9% | Minimum | 71.1% | 38.7% | 8.9% |
| A5-04.2 | Bed | 11.2 | 96 | Medium | 68.1% | 53.4% | 38.3% | Medium | 78.7% | 51.1% | 27.4% |
| A5-05.1 | LKD | 27.5 | 245 | High | 77.4% | 65.9% | 55.6% | Medium | 80.4% | 56.5% | 41.8% |
| A5-05.2 | Bed | 10.2 | 81 | Medium | 75.2% | 62.1% | 49.1% | Medium | 84.5% | 64.9% | 49.2% |
| A5-05.3 | Bed | 11.1 | 88 | Medium | 73.7% | 59.6% | 47.2% | Medium | 81.5% | 58.6% | 40.1% |
| A5-06.1 | LKD | 27.5 | 245 | High | 79.0% | 68.9% | 58.4% | Medium | 82.9% | 62.5% | 47.6% |
| A5-06.2 | Bed | 10.2 | 81 | High | 77.7% | 65.6% | 51.3% | High | 87.4% | 71.5% | 55.7% |

| Block A - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
| A5-06.3 | Bed | 11.1 | 88 | Medium | 76.6% | 63.7% | 49.1% | Medium | 86.0% | 66.6% | 49.5% |
| A5-07.1 | LKD | 17.4 | 144 | Minimum | 65.5% | 49.0% | 30.0% | Minimum | 78.1% | 48.4% | 21.6% |
| A5-07.2 | Bed | 11.2 | 96 | Medium | 74.7% | 62.1% | 47.1% | Medium | 85.1% | 64.8% | 47.5% |
| A5-08.1 | LKD | 17.6 | 160 | Minimum | 63.4% | 45.7% | 26.9% | Minimum | 77.6% | 46.8% | 20.9% |
| A5-08.2 | Bed | 11.2 | 96 | Medium | 67.9% | 52.2% | 35.3% | Medium | 81.8% | 57.2% | 35.9% |
| A5-09.1 | LKD | 17.6 | 160 | Medium | 72.1% | 57.9% | 44.0% | Medium | 81.9% | 58.1% | 40.1% |
| A5-09.2 | Bed | 11.2 | 96 | Medium | 69.0% | 53.2% | 38.8% | Medium | 81.6% | 57.0% | 38.0% |
| A5-10.1 | LKD | 27.5 | 245 | High | 81.4% | 73.5% | 62.9% | High | 84.5% | 65.3% | 51.6% |
| A5-10.2 | Bed | 10.2 | 81 | High | 78.0% | 67.3% | 56.5% | High | 87.0% | 73.1% | 59.5% |
| A5-10.3 | Bed | 11.1 | 88 | High | 76.1% | 64.1% | 52.8% | High | 85.3% | 66.9% | 52.1% |
| A5-11.1 | LKD | 27.5 | 245 | High | 79.6% | 70.3% | 57.4% | Medium | 83.9% | 61.5% | 43.8% |
| A5-11.2 | Bed | 10.2 | 81 | High | 77.4% | 64.7% | 50.9% | High | 87.3% | 71.0% | 55.0% |
| A5-11.3 | Bed | 11.1 | 88 | Medium | 75.8% | 61.7% | 46.3% | Medium | 85.2% | 64.2% | 46.3% |
| A5-12.1 | LKD | 17.6 | 160 | Medium | 72.6% | 56.5% | 38.8% | Medium | 82.0% | 55.2% | 30.0% |
| A5-12.2 | Bed | 11.2 | 96 | Medium | 74.5% | 60.1% | 44.5% | Medium | 85.2% | 64.0% | 45.7% |
| A5-13.1 | LKD | 24.2 | 212 | Medium | 69.7% | 53.7% | 34.2% | Minimum | 79.4% | 49.4% | 17.7% |
| A5-13.2 | Bed | 10.5 | 90 | High | 77.5% | 64.7% | 50.6% | High | 86.7% | 69.1% | 52.8% |
| A6-01.1 | LKD | 27.0 | 243 | High | 80.3% | 70.3% | 58.7% | Medium | 82.8% | 59.7% | 41.1% |
| A6-01.2 | Bed | 8.1 | 63 | High | 80.1% | 70.0% | 57.0% | High | 88.2% | 74.3% | 59.0% |
| A6-01.3 | Bed | 10.7 | 88 | High | 77.3% | 64.0% | 50.4% | High | 86.6% | 68.5% | 52.6% |
| A6-02.1 | LKD | 23.2 | 206 | Medium | 70.6% | 56.8% | 42.6% | Medium | 79.3% | 52.5% | 29.0% |
| A6-02.2 | Bed | 10.5 | 90 | High | 77.6% | 65.3% | 53.1% | High | 85.2% | 66.8% | 52.1% |
| A6-03.1 | LKD | 17.6 | 160 | Medium | 71.5% | 58.0% | 44.4% | Medium | 79.5% | 52.4% | 29.7% |
| A6-03.2 | Bed | 11.2 | 96 | Medium | 73.7% | 60.5% | 47.8% | Medium | 82.4% | 60.0% | 43.1% |
| A6-04.1 | LKD | 17.4 | 144 | Medium | 72.1% | 58.4% | 44.5% | Medium | 79.5% | 52.7% | 30.7% |
| A6-04.2 | Bed | 11.2 | 96 | Medium | 74.4% | 61.1% | 48.7% | Medium | 82.8% | 60.4% | 43.4% |
| A6-05.1 | LKD | 27.5 | 245 | High | 81.0% | 72.6% | 62.9% | High | 83.3% | 63.2% | 50.2% |
| A6-05.2 | Bed | 10.2 | 81 | High | 77.6% | 65.7% | 53.3% | High | 85.9% | 68.7% | 53.7% |
| A6-05.3 | Bed | 11.1 | 88 | High | 75.2% | 62.6% | 50.5% | Medium | 84.0% | 63.7% | 47.8% |
| A6-06.1 | LKD | 27.5 | 245 | High | 81.6% | 73.7% | 63.5% | High | 85.2% | 66.6% | 53.2% |
| A6-06.2 | Bed | 11.1 | 88 | High | 77.8% | 65.6% | 51.8% | High | 86.6% | 68.1% | 51.3% |
| A6-06.3 | Bed | 10.2 | 81 | High | 78.1% | 66.5% | 53.4% | High | 87.7% | 72.7% | 57.4% |
| A6-07.1 | LKD | 17.4 | 144 | Medium | 75.1% | 61.4% | 45.7% | Medium | 83.2% | 60.3% | 40.0% |
| A6-07.2 | Bed | 11.2 | 96 | High | 78.0% | 66.1% | 52.1% | High | 86.3% | 67.3% | 50.8% |
| A6-08.1 | LKD | 17.6 | 160 | Medium | 74.1% | 60.6% | 44.3% | Medium | 82.6% | 58.4% | 36.8% |
| A6-08.2 | Bed | 11.2 | 96 | Medium | 76.0% | 63.1% | 49.2% | High | 86.4% | 67.6% | 51.7% |

**Table 15: Daylight provision individual values for all habitable rooms to IS EN 17037:2018+A1:2021**

**Block B**

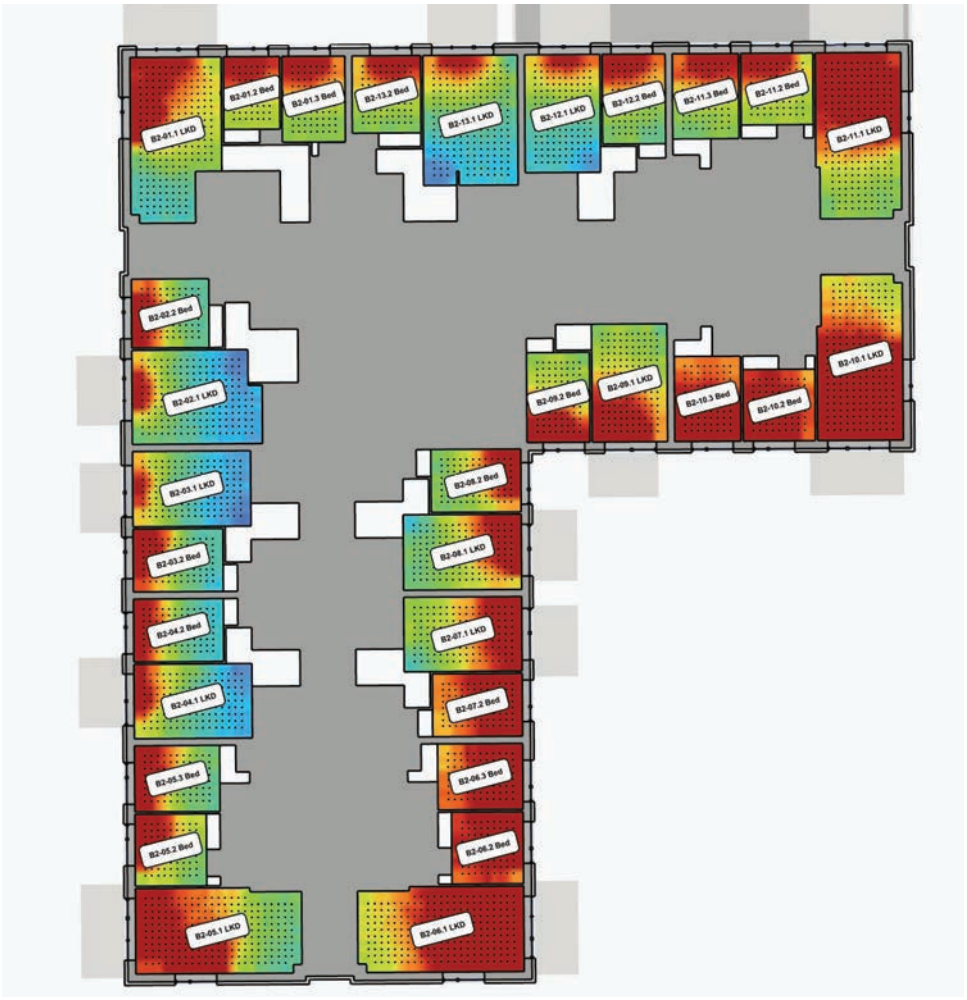

**Ground Floor**



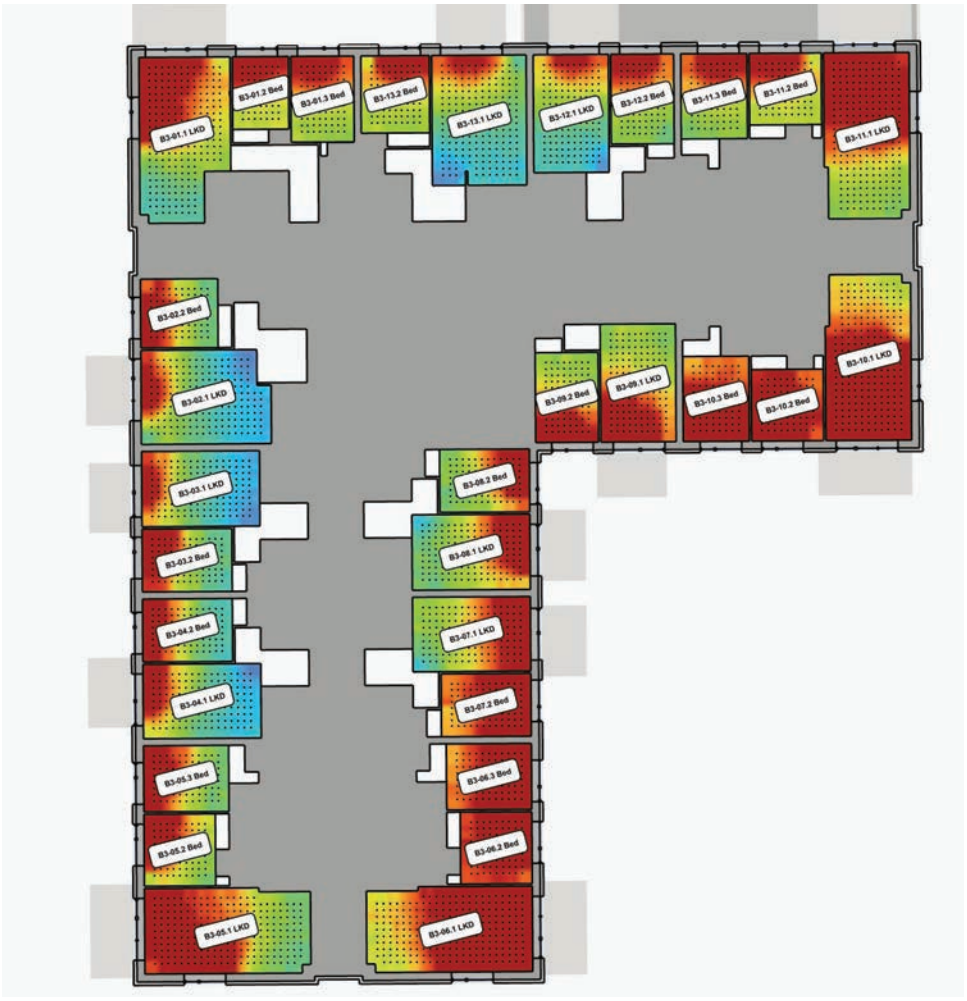

**First Floor**

**Figure 44: Block B - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

**Block B**




**Second Floor**



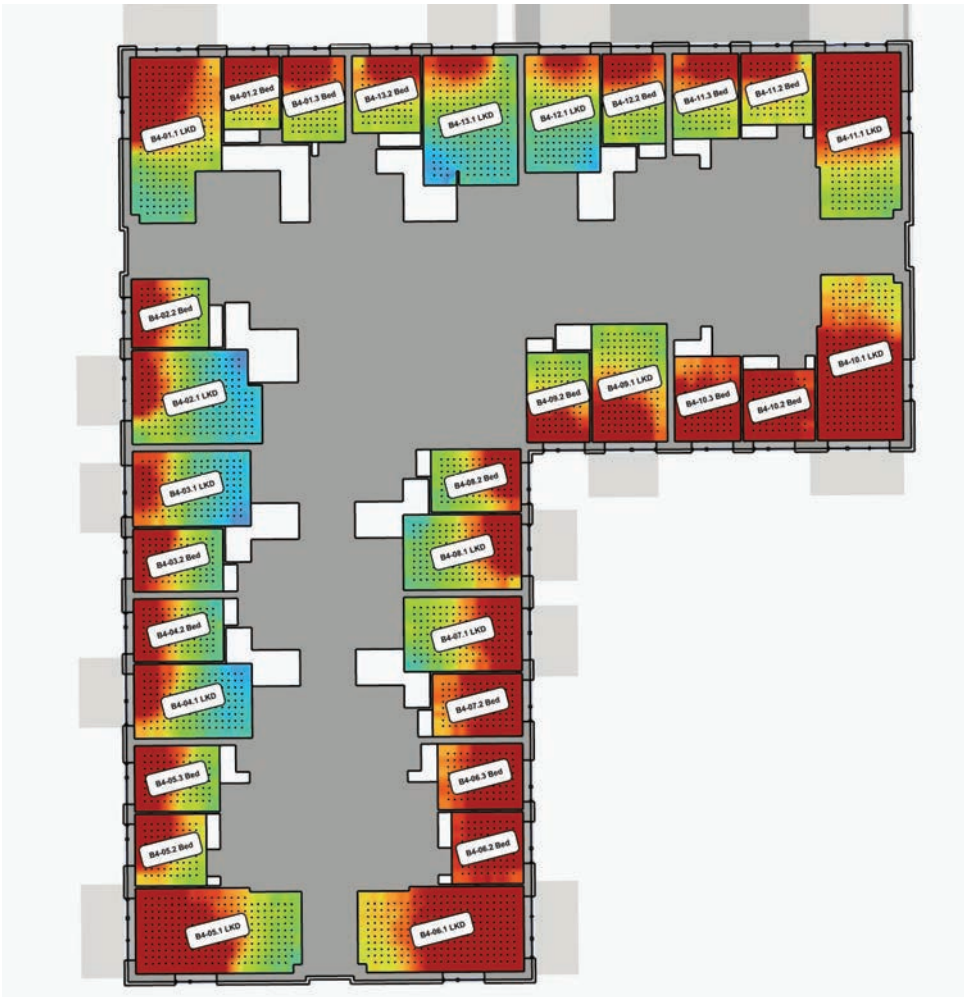

1000

Lux
0

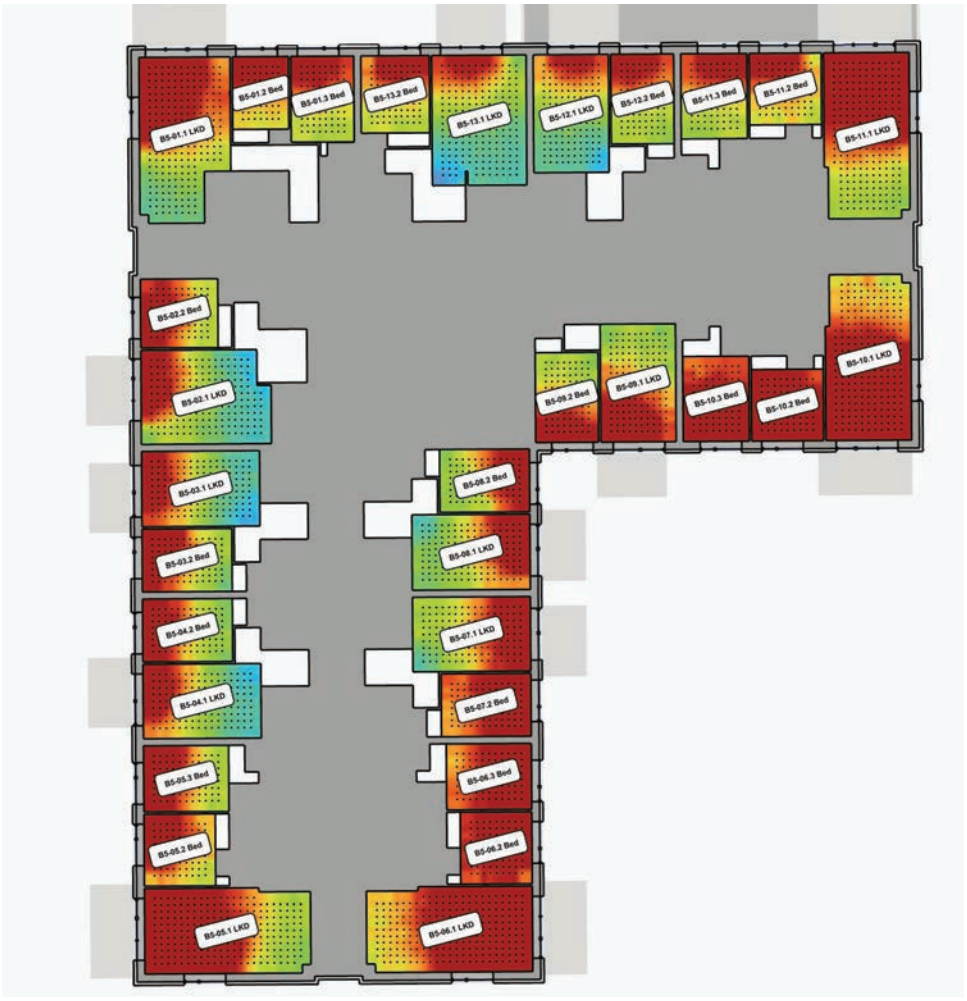
**Third Floor**

**Figure 45: Block B - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

**Block B**




**Fourth Floor**

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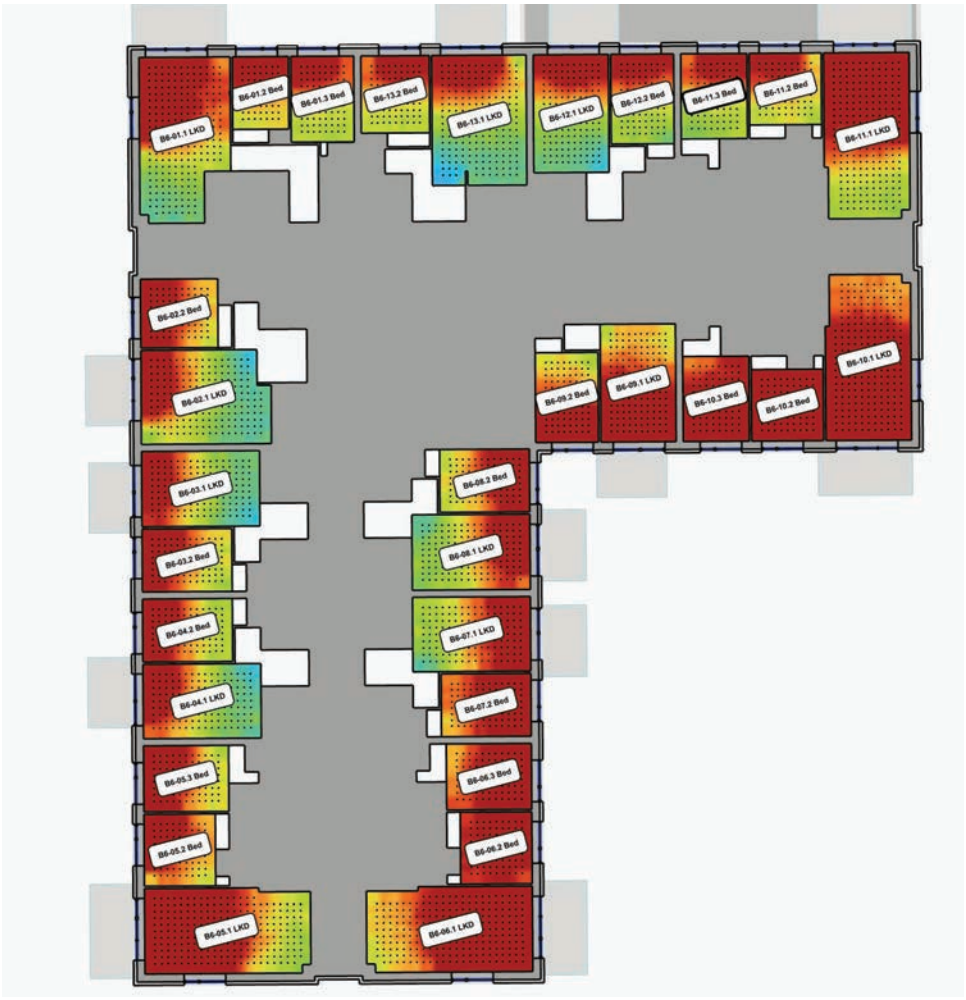
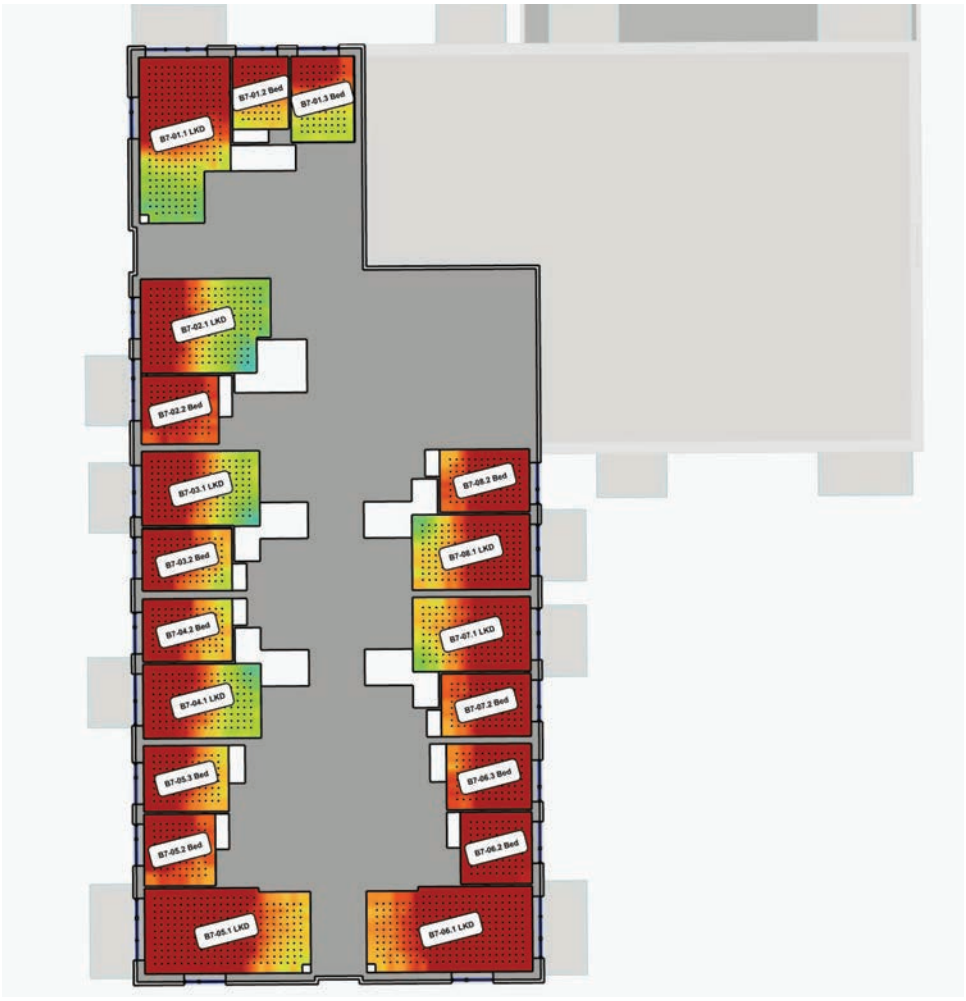
**Fifth Floor**

**Figure 46: Block B - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**




Sixth Floor

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Lux
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Seventh Floor

**Figure 47: Block B - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

## Block B - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B0-01.1 | LKD | 30.2 | 271 | High | 78.9% | 67.6% | 52.7% | High | 88.0% | 72.5% | 55.1% |
| B0-01.2 | Bed | 10.8 | 88 | Fail | 45.2% | 19.2% | 3.8% | Minimum | 68.8% | 19.9% | 3.0% |
| B0-01.3 | Bed | 11.3 | 96 | Medium | 71.8% | 53.5% | 27.8% | Medium | 84.2% | 57.4% | 27.5% |
| B0-02.1 | LKD | 30.8 | 272 | Fail | 16.8% | 2.8% | 0.7% | Fail | 31.7% | 0.0% | 0.0% |
| B0-02.2 | Bed | 14.9 | 136 | Fail | 38.3% | 11.9% | 2.1% | Minimum | 59.7% | 11.5% | 1.5% |
| B0-03.1 | LKD | 20.2 | 185 | Fail | 23.4% | 4.4% | 2.6% | Fail | 40.4% | 2.6% | 0.0% |
| B0-03.2 | Bed | 10.9 | 88 | Fail | 49.1% | 27.4% | 7.8% | Minimum | 70.5% | 31.5% | 9.2% |
| B0-04.1 | LKD | 19.9 | 167 | Fail | 28.7% | 6.1% | 4.2% | Fail | 44.5% | 4.5% | 1.4% |
| B0-04.2 | Bed | 10.9 | 88 | Fail | 48.7% | 26.2% | 6.1% | Minimum | 71.5% | 32.7% | 7.2% |
| B0-05.1 | LKD | 32.2 | 297 | Minimum | 60.5% | 44.5% | 27.2% | Minimum | 63.8% | 26.7% | 8.2% |
| B0-05.2 | Bed | 12.8 | 104 | Fail | 48.7% | 25.8% | 7.4% | Minimum | 68.0% | 26.3% | 6.2% |
| B0-05.3 | Bed | 13.9 | 117 | Fail | 48.3% | 25.7% | 8.7% | Minimum | 67.3% | 24.8% | 6.7% |
| B0-06.1 | LKD | 32.2 | 297 | Medium | 73.9% | 61.1% | 48.7% | Medium | 78.3% | 51.1% | 32.4% |
| B0-06.2 | Bed | 12.8 | 104 | Medium | 70.9% | 55.7% | 40.4% | Medium | 82.9% | 59.8% | 39.6% |
| B0-06.3 | Bed | 13.9 | 117 | Medium | 70.5% | 54.9% | 39.9% | Medium | 82.6% | 59.0% | 39.3% |
| B1-01.1 | LKD | 27.0 | 243 | Medium | 74.1% | 57.6% | 40.8% | Medium | 80.0% | 50.1% | 18.9% |
| B1-01.2 | Bed | 8.1 | 63 | High | 78.9% | 66.5% | 51.5% | High | 87.8% | 71.7% | 54.1% |
| B1-01.3 | Bed | 10.7 | 88 | Medium | 76.6% | 60.4% | 43.3% | Medium | 86.3% | 65.8% | 45.8% |
| B1-02.1 | LKD | 23.2 | 206 | Fail | 39.1% | 13.1% | 3.0% | Minimum | 56.8% | 5.5% | 1.1% |
| B1-02.2 | Bed | 10.5 | 90 | Minimum | 57.7% | 39.7% | 18.6% | Minimum | 77.8% | 43.4% | 18.2% |
| B1-03.1 | LKD | 17.6 | 160 | Fail | 39.8% | 15.2% | 3.9% | Minimum | 56.3% | 7.4% | 1.9% |
| B1-03.2 | Bed | 11.2 | 96 | Minimum | 53.2% | 33.5% | 13.6% | Minimum | 71.8% | 34.2% | 10.2% |
| B1-04.1 | LKD | 17.4 | 144 | Fail | 43.0% | 19.1% | 5.6% | Minimum | 58.4% | 12.0% | 3.8% |
| B1-04.2 | Bed | 11.2 | 96 | Minimum | 52.6% | 31.5% | 8.3% | Minimum | 72.3% | 34.4% | 6.1% |
| B1-05.1 | LKD | 27.5 | 245 | Medium | 68.6% | 55.3% | 41.1% | Minimum | 75.8% | 45.2% | 23.6% |
| B1-05.2 | Bed | 10.2 | 81 | Minimum | 64.6% | 48.2% | 30.3% | Minimum | 79.1% | 49.6% | 28.4% |
| B1-05.3 | Bed | 11.1 | 88 | Minimum | 58.8% | 41.1% | 22.1% | Minimum | 76.1% | 41.5% | 17.1% |
| B1-06.1 | LKD | 27.5 | 245 | High | 77.8% | 67.1% | 55.8% | Medium | 82.5% | 61.2% | 46.0% |
| B1-06.2 | Bed | 10.2 | 81 | High | 77.5% | 65.3% | 52.4% | High | 86.7% | 71.0% | 56.1% |
| B1-06.3 | Bed | 11.1 | 88 | High | 77.1% | 64.5% | 51.3% | High | 84.9% | 66.9% | 50.7% |
| B1-07.1 | LKD | 17.4 | 144 | Minimum | 63.8% | 47.1% | 32.1% | Minimum | 78.5% | 49.6% | 29.2% |
| B1-07.2 | Bed | 11.2 | 96 | Medium | 74.4% | 61.0% | 46.2% | Medium | 84.2% | 64.4% | 47.2% |
| B1-08.1 | LKD | 17.6 | 160 | Minimum | 57.7% | 40.5% | 25.5% | Minimum | 75.0% | 41.0% | 19.6% |
| B1-08.2 | Bed | 11.2 | 96 | Minimum | 56.8% | 39.7% | 26.5% | Minimum | 76.7% | 44.3% | 27.1% |
| B1-09.1 | LKD | 17.6 | 160 | Minimum | 60.4% | 43.8% | 30.6% | Minimum | 76.2% | 45.2% | 29.2% |
| B1-09.2 | Bed | 11.2 | 96 | Minimum | 59.9% | 42.4% | 29.9% | Minimum | 76.2% | 45.3% | 29.7% |
| B1-10.1 | LKD | 27.5 | 245 | High | 78.7% | 68.9% | 57.1% | Medium | 82.0% | 60.6% | 45.6% |
| B1-10.2 | Bed | 10.2 | 81 | High | 74.5% | 62.4% | 50.4% | Medium | 84.1% | 64.2% | 49.6% |
| B1-10.3 | Bed | 11.1 | 88 | Medium | 73.4% | 60.9% | 48.1% | Medium | 83.1% | 62.9% | 46.5% |
| B1-11.1 | LKD | 27.5 | 245 | High | 79.1% | 67.2% | 54.7% | Medium | 82.9% | 59.3% | 37.0% |
| B1-11.2 | Bed | 10.2 | 81 | Medium | 78.5% | 65.5% | 49.7% | High | 88.3% | 73.4% | 55.7% |
| B1-11.3 | Bed | 11.1 | 88 | Medium | 78.1% | 64.7% | 48.4% | Medium | 86.8% | 68.3% | 48.9% |
| B1-12.1 | LKD | 17.6 | 160 | Minimum | 65.7% | 45.3% | 15.3% | Minimum | 79.0% | 45.0% | 6.8% |
| B1-12.2 | Bed | 11.2 | 96 | Medium | 77.0% | 60.9% | 43.2% | Medium | 86.0% | 64.5% | 43.1% |
| B1-13.1 | LKD | 24.2 | 212 | Minimum | 60.0% | 36.8% | 5.5% | Minimum | 75.1% | 30.8% | 0.1% |
| B1-13.2 | LKD | 10.5 | 90 | Medium | 76.3% | 59.7% | 41.4% | Medium | 86.5% | 67.2% | 47.7% |
| B2-01.1 | LKD | 27.0 | 243 | Medium | 74.7% | 58.7% | 42.9% | Medium | 80.4% | 51.6% | 23.4% |
| B2-01.2 | Bed | 8.1 | 63 | High | 78.9% | 66.6% | 51.8% | High | 87.8% | 71.8% | 54.3% |
| B2-01.3 | Bed | 10.7 | 88 | Medium | 77.2% | 61.8% | 45.3% | Medium | 86.3% | 66.6% | 47.0% |
| B2-02.1 | LKD | 23.2 | 206 | Fail | 43.7% | 19.4% | 3.9% | Minimum | 60.2% | 11.7% | 2.0% |

## Block B - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B2-02.2 | Bed | 10.5 | 90 | Minimum | 63.8% | 46.6% | 27.4% | Minimum | 78.7% | 48.0% | 24.0% |
| B2-03.1 | LKD | 17.6 | 160 | Fail | 42.7% | 18.9% | 4.7% | Minimum | 58.7% | 11.2% | 2.1% |
| B2-03.2 | Bed | 11.2 | 96 | Minimum | 57.0% | 39.1% | 19.8% | Minimum | 74.4% | 38.8% | 13.9% |
| B2-04.1 | LKD | 17.4 | 144 | Fail | 45.1% | 22.8% | 6.0% | Minimum | 61.8% | 16.8% | 4.4% |
| B2-04.2 | Bed | 11.2 | 96 | Minimum | 57.3% | 38.4% | 16.8% | Minimum | 73.7% | 37.2% | 8.6% |
| B2-05.1 | LKD | 27.5 | 245 | Medium | 70.3% | 57.6% | 43.9% | Minimum | 76.9% | 48.2% | 27.4% |
| B2-05.2 | Bed | 10.2 | 81 | Medium | 67.9% | 51.3% | 33.9% | Medium | 80.3% | 53.1% | 32.2% |
| B2-05.3 | Bed | 11.1 | 88 | Minimum | 63.8% | 47.6% | 29.4% | Minimum | 77.5% | 46.3% | 23.0% |
| B2-06.1 | LKD | 27.5 | 245 | High | 78.1% | 67.9% | 56.5% | Medium | 83.1% | 61.9% | 47.1% |
| B2-06.2 | Bed | 10.2 | 81 | High | 77.9% | 66.1% | 53.3% | High | 87.0% | 72.4% | 57.1% |
| B2-06.3 | Bed | 11.1 | 88 | High | 77.1% | 64.5% | 52.1% | High | 85.2% | 67.5% | 51.4% |
| B2-07.1 | LKD | 17.4 | 144 | Minimum | 64.1% | 47.4% | 32.7% | Minimum | 78.6% | 49.5% | 28.5% |
| B2-07.2 | Bed | 11.2 | 96 | Medium | 75.0% | 61.8% | 48.5% | Medium | 84.7% | 66.0% | 49.8% |
| B2-08.1 | LKD | 17.6 | 160 | Minimum | 57.6% | 40.8% | 25.2% | Minimum | 75.8% | 42.5% | 20.7% |
| B2-08.2 | Bed | 11.2 | 96 | Minimum | 58.6% | 41.3% | 28.1% | Minimum | 76.6% | 45.1% | 28.0% |
| B2-09.1 | LKD | 17.6 | 160 | Minimum | 61.3% | 44.6% | 31.5% | Minimum | 76.3% | 45.6% | 30.0% |
| B2-09.2 | Bed | 11.2 | 96 | Minimum | 61.0% | 44.2% | 30.5% | Minimum | 76.8% | 46.5% | 30.3% |
| B2-10.1 | LKD | 27.5 | 245 | High | 79.0% | 69.8% | 58.2% | Medium | 82.4% | 61.2% | 46.5% |
| B2-10.2 | Bed | 10.2 | 81 | High | 75.5% | 63.3% | 51.6% | High | 84.7% | 65.6% | 51.5% |
| B2-10.3 | Bed | 11.1 | 88 | Medium | 74.1% | 61.8% | 49.1% | Medium | 83.5% | 63.8% | 48.4% |
| B2-11.1 | LKD | 27.5 | 245 | High | 78.9% | 66.9% | 54.5% | Medium | 82.9% | 59.4% | 38.3% |
| B2-11.2 | Bed | 10.2 | 81 | Medium | 77.2% | 62.6% | 46.5% | High | 87.4% | 70.3% | 52.4% |
| B2-11.3 | Bed | 11.1 | 88 | Medium | 76.8% | 61.0% | 44.1% | Medium | 85.9% | 64.6% | 43.7% |
| B2-12.1 | LKD | 17.6 | 160 | Minimum | 63.2% | 42.9% | 11.6% | Minimum | 78.1% | 41.6% | 4.8% |
| B2-12.2 | Bed | 11.2 | 96 | Medium | 74.3% | 57.7% | 39.7% | Medium | 85.3% | 62.5% | 41.0% |
| B2-13.1 | LKD | 24.2 | 212 | Minimum | 60.3% | 38.3% | 6.3% | Minimum | 76.7% | 36.6% | 0.5% |
| B2-13.2 | Bed | 10.5 | 90 | Medium | 76.7% | 60.7% | 43.9% | Medium | 86.5% | 67.4% | 48.5% |
| B3-01.1 | LKD | 27.0 | 243 | Medium | 73.0% | 57.4% | 42.2% | Minimum | 77.5% | 46.0% | 20.7% |
| B3-01.2 | Bed | 8.1 | 63 | Medium | 77.2% | 63.5% | 48.9% | High | 86.4% | 68.1% | 50.7% |
| B3-01.3 | Bed | 10.7 | 88 | Medium | 73.9% | 58.2% | 43.1% | Medium | 84.6% | 61.7% | 43.0% |
| B3-02.1 | LKD | 23.2 | 206 | Fail | 47.7% | 23.5% | 5.3% | Minimum | 63.0% | 18.3% | 2.9% |
| B3-02.2 | Bed | 10.5 | 90 | Medium | 67.8% | 51.6% | 34.9% | Medium | 79.2% | 50.9% | 28.5% |
| B3-03.1 | LKD | 17.6 | 160 | Fail | 47.6% | 25.0% | 6.3% | Minimum | 61.6% | 16.9% | 3.1% |
| B3-03.2 | Bed | 11.2 | 96 | Minimum | 61.7% | 45.6% | 26.7% | Minimum | 76.4% | 44.2% | 20.3% |
| B3-04.1 | LKD | 17.4 | 144 | Minimum | 50.6% | 28.8% | 8.3% | Minimum | 64.1% | 21.6% | 5.0% |
| B3-04.2 | Bed | 11.2 | 96 | Minimum | 62.7% | 45.8% | 26.6% | Minimum | 76.2% | 42.4% | 14.0% |
| B3-05.1 | LKD | 27.5 | 245 | Medium | 73.1% | 60.7% | 47.7% | Medium | 77.6% | 50.7% | 30.5% |
| B3-05.2 | Bed | 10.2 | 81 | Medium | 70.3% | 54.6% | 39.2% | Medium | 81.5% | 56.1% | 36.9% |
| B3-05.3 | Bed | 11.1 | 88 | Medium | 68.2% | 52.0% | 35.4% | Minimum | 79.1% | 49.6% | 27.7% |
| B3-06.1 | LKD | 27.5 | 245 | High | 78.3% | 68.3% | 57.1% | Medium | 83.0% | 62.2% | 47.3% |
| B3-06.2 | Bed | 10.2 | 81 | High | 78.0% | 66.4% | 54.0% | High | 87.0% | 71.9% | 57.3% |
| B3-06.3 | Bed | 11.1 | 88 | High | 77.0% | 64.5% | 52.0% | High | 85.4% | 67.8% | 52.4% |
| B3-07.1 | LKD | 17.4 | 144 | Minimum | 64.6% | 48.5% | 33.5% | Minimum | 78.1% | 48.1% | 27.3% |
| B3-07.2 | Bed | 11.2 | 96 | Medium | 75.2% | 62.3% | 49.0% | High | 84.8% | 66.1% | 50.2% |
| B3-08.1 | LKD | 17.6 | 160 | Minimum | 58.4% | 41.6% | 25.5% | Minimum | 75.9% | 43.7% | 21.3% |
| B3-08.2 | Bed | 11.2 | 96 | Minimum | 59.1% | 41.8% | 27.9% | Minimum | 77.1% | 46.1% | 28.2% |
| B3-09.1 | LKD | 17.6 | 160 | Minimum | 61.8% | 45.2% | 33.3% | Minimum | 77.0% | 47.2% | 31.3% |
| B3-09.2 | Bed | 11.2 | 96 | Minimum | 61.4% | 44.7% | 31.3% | Minimum | 77.0% | 47.1% | 30.6% |
| B3-10.1 | LKD | 27.5 | 245 | High | 79.0% | 69.6% | 58.5% | Medium | 82.8% | 61.8% | 47.1% |
| B3-10.2 | Bed | 10.2 | 81 | High | 76.0% | 64.3% | 52.8% | High | 84.9% | 66.6% | 52.8% |

## Block B - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B3-10.3 | Bed | 11.1 | 88 | High | 74.5% | 62.5% | 50.1% | Medium | 84.1% | 64.2% | 48.9% |
| B3-11.1 | LKD | 27.5 | 245 | High | 78.0% | 66.1% | 54.0% | Medium | 81.3% | 56.7% | 38.2% |
| B3-11.2 | Bed | 10.2 | 81 | Medium | 75.3% | 60.5% | 45.4% | Medium | 85.9% | 66.2% | 49.2% |
| B3-11.3 | Bed | 11.1 | 88 | Medium | 73.5% | 58.4% | 42.3% | Medium | 83.5% | 60.0% | 40.5% |
| B3-12.1 | LKD | 17.6 | 160 | Minimum | 59.9% | 41.1% | 14.2% | Minimum | 74.2% | 37.7% | 4.6% |
| B3-12.2 | Bed | 11.2 | 96 | Medium | 71.0% | 56.0% | 38.3% | Medium | 82.3% | 57.1% | 37.4% |
| B3-13.1 | LKD | 24.2 | 212 | Minimum | 57.2% | 35.3% | 8.2% | Minimum | 70.8% | 29.9% | 1.4% |
| B3-13.2 | Bed | 10.5 | 90 | Medium | 73.7% | 58.3% | 42.8% | Medium | 84.9% | 63.0% | 44.4% |
| B4-01.1 | LKD | 27.0 | 243 | Medium | 75.3% | 60.5% | 46.8% | Medium | 79.2% | 51.3% | 26.1% |
| B4-01.2 | Bed | 8.1 | 63 | High | 78.5% | 66.9% | 53.1% | High | 86.6% | 68.8% | 52.5% |
| B4-01.3 | Bed | 10.7 | 88 | Medium | 75.4% | 60.7% | 45.0% | Medium | 85.6% | 64.8% | 46.8% |
| B4-02.1 | LKD | 23.2 | 206 | Minimum | 53.6% | 32.4% | 8.5% | Minimum | 67.3% | 23.8% | 4.4% |
| B4-02.2 | Bed | 10.5 | 90 | Medium | 71.1% | 55.7% | 40.6% | Medium | 81.8% | 57.0% | 38.2% |
| B4-03.1 | LKD | 17.6 | 160 | Minimum | 53.6% | 32.8% | 9.3% | Minimum | 66.6% | 23.6% | 5.0% |
| B4-03.2 | Bed | 11.2 | 96 | Medium | 66.8% | 51.3% | 35.0% | Minimum | 78.7% | 49.0% | 27.0% |
| B4-04.1 | LKD | 17.4 | 144 | Minimum | 55.5% | 35.9% | 13.0% | Minimum | 69.1% | 28.5% | 6.0% |
| B4-04.2 | Bed | 11.2 | 96 | Medium | 66.8% | 50.4% | 33.5% | Minimum | 78.7% | 48.4% | 24.8% |
| B4-05.1 | LKD | 27.5 | 245 | High | 75.8% | 63.2% | 52.6% | Medium | 78.9% | 53.3% | 34.3% |
| B4-05.2 | Bed | 10.2 | 81 | Medium | 73.2% | 58.1% | 43.2% | Medium | 84.0% | 61.1% | 43.7% |
| B4-05.3 | Bed | 11.1 | 88 | Medium | 71.6% | 55.7% | 40.9% | Medium | 80.4% | 53.4% | 32.9% |
| B4-06.1 | LKD | 27.5 | 245 | High | 79.1% | 69.7% | 58.8% | Medium | 83.6% | 63.9% | 49.8% |
| B4-06.2 | Bed | 10.2 | 81 | High | 78.1% | 66.4% | 53.9% | High | 87.2% | 72.7% | 58.5% |
| B4-06.3 | Bed | 11.1 | 88 | High | 77.9% | 66.1% | 53.3% | High | 85.8% | 68.9% | 53.4% |
| B4-07.1 | LKD | 17.4 | 144 | Medium | 65.5% | 50.1% | 34.2% | Medium | 78.7% | 50.6% | 28.7% |
| B4-07.2 | Bed | 11.2 | 96 | High | 75.7% | 62.9% | 50.3% | High | 84.9% | 66.7% | 50.9% |
| B4-08.1 | LKD | 17.6 | 160 | Minimum | 59.5% | 42.6% | 26.5% | Minimum | 76.6% | 44.8% | 23.5% |
| B4-08.2 | Bed | 11.2 | 96 | Minimum | 60.8% | 43.9% | 29.8% | Minimum | 77.6% | 48.2% | 29.3% |
| B4-09.1 | LKD | 17.6 | 160 | Minimum | 62.3% | 45.8% | 34.5% | Minimum | 77.7% | 49.6% | 33.9% |
| B4-09.2 | Bed | 11.2 | 96 | Minimum | 62.4% | 45.5% | 33.7% | Minimum | 77.4% | 47.9% | 31.9% |
| B4-10.1 | LKD | 27.5 | 245 | High | 79.0% | 69.7% | 58.9% | Medium | 83.2% | 62.6% | 48.1% |
| B4-10.2 | Bed | 10.2 | 81 | High | 76.4% | 64.8% | 53.4% | High | 86.0% | 69.2% | 55.4% |
| B4-10.3 | Bed | 11.1 | 88 | High | 75.7% | 63.8% | 51.5% | Medium | 84.1% | 64.7% | 49.9% |
| B4-11.1 | LKD | 27.5 | 245 | High | 78.8% | 67.0% | 55.1% | Medium | 82.1% | 58.3% | 40.0% |
| B4-11.2 | Bed | 10.2 | 81 | Medium | 76.2% | 61.7% | 46.7% | High | 86.3% | 68.0% | 51.7% |
| B4-11.3 | Bed | 11.1 | 88 | Medium | 74.8% | 60.2% | 44.7% | Medium | 84.3% | 62.2% | 43.2% |
| B4-12.1 | LKD | 17.6 | 160 | Minimum | 63.2% | 45.1% | 19.6% | Minimum | 77.2% | 42.6% | 8.3% |
| B4-12.2 | Bed | 11.2 | 96 | Medium | 73.3% | 58.2% | 42.5% | Medium | 83.8% | 61.1% | 42.1% |
| B4-13.1 | LKD | 24.2 | 212 | Minimum | 59.8% | 40.3% | 11.9% | Minimum | 73.3% | 32.8% | 1.2% |
| B4-13.2 | Bed | 10.5 | 90 | Medium | 76.1% | 61.5% | 45.5% | Medium | 85.7% | 65.5% | 47.2% |
| B5-01.1 | LKD | 27.0 | 243 | High | 77.9% | 66.2% | 53.3% | Medium | 81.7% | 57.5% | 35.9% |
| B5-01.1 | LKD | 27.0 | 243 | Medium | 76.8% | 63.2% | 49.9% | Medium | 80.5% | 54.5% | 31.5% |
| B5-01.2 | Bed | 8.1 | 63 | High | 79.0% | 68.4% | 55.3% | High | 87.8% | 72.8% | 57.3% |
| B5-01.2 | Bed | 8.1 | 63 | High | 78.9% | 67.7% | 54.5% | High | 87.6% | 71.6% | 55.9% |
| B5-01.3 | Bed | 10.7 | 88 | High | 77.3% | 63.9% | 50.1% | High | 86.8% | 69.2% | 53.1% |
| B5-01.3 | Bed | 10.7 | 88 | Medium | 76.7% | 62.5% | 47.7% | Medium | 86.0% | 66.3% | 48.9% |
| B5-02.1 | LKD | 23.2 | 206 | Minimum | 63.4% | 45.9% | 24.9% | Minimum | 77.3% | 45.5% | 14.3% |
| B5-02.1 | LKD | 23.2 | 206 | Minimum | 59.2% | 40.0% | 16.3% | Minimum | 72.5% | 35.2% | 6.7% |
| B5-02.2 | Bed | 10.5 | 90 | Medium | 76.6% | 63.0% | 48.9% | High | 86.0% | 66.7% | 50.1% |
| B5-02.2 | Bed | 10.5 | 90 | Medium | 74.2% | 59.5% | 44.6% | Medium | 84.0% | 61.5% | 44.2% |
| B5-03.1 | LKD | 17.6 | 160 | Minimum | 65.0% | 48.3% | 28.5% | Minimum | 77.2% | 45.2% | 15.1% |

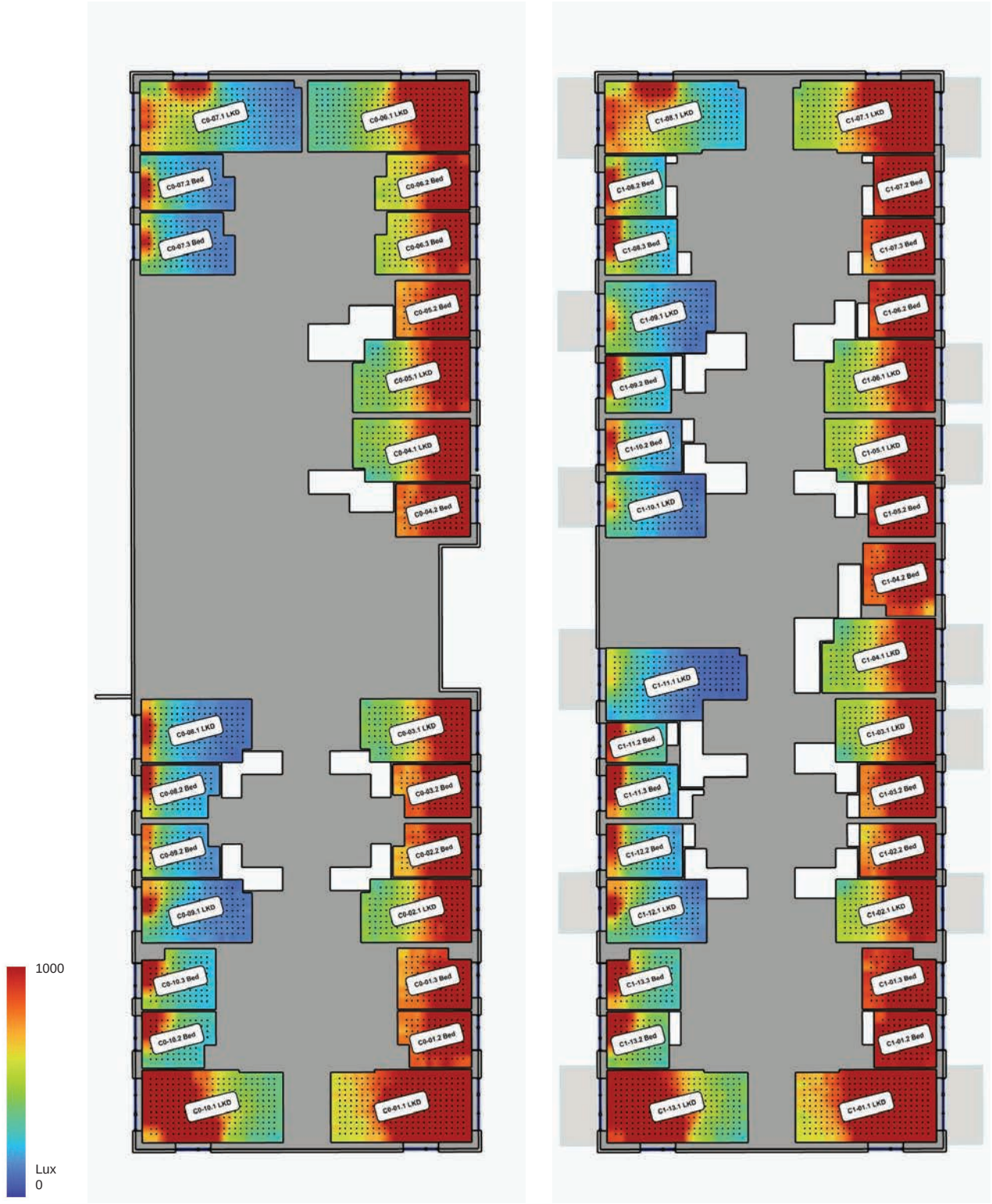
## Block B - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B5-03.1 | LKD | 17.6 | 160 | Minimum | 60.8% | 43.7% | 22.0% | Minimum | 70.9% | 33.2% | 6.9% |
| B5-03.2 | Bed | 11.2 | 96 | Medium | 73.8% | 59.9% | 45.5% | Medium | 84.0% | 62.1% | 44.8% |
| B5-03.2 | Bed | 11.2 | 96 | Medium | 71.1% | 56.0% | 40.9% | Medium | 81.1% | 55.2% | 34.4% |
| B5-04.1 | LKD | 17.4 | 144 | Minimum | 65.4% | 48.7% | 28.8% | Minimum | 77.4% | 46.0% | 17.1% |
| B5-04.1 | LKD | 17.4 | 144 | Minimum | 60.0% | 41.5% | 20.2% | Minimum | 72.9% | 36.4% | 9.2% |
| B5-04.2 | Bed | 11.2 | 96 | Medium | 73.3% | 59.0% | 44.2% | Medium | 83.9% | 61.2% | 43.3% |
| B5-04.2 | Bed | 11.2 | 96 | Medium | 71.1% | 55.8% | 39.9% | Medium | 81.2% | 55.3% | 33.7% |
| B5-05.1 | LKD | 27.5 | 245 | High | 79.0% | 68.5% | 58.5% | Medium | 82.3% | 61.1% | 46.0% |
| B5-05.1 | LKD | 27.5 | 245 | High | 77.3% | 65.9% | 55.8% | Medium | 80.4% | 57.0% | 40.6% |
| B5-05.2 | Bed | 10.2 | 81 | Medium | 77.0% | 63.5% | 49.5% | High | 87.0% | 69.8% | 53.4% |
| B5-05.2 | Bed | 10.2 | 81 | Medium | 75.2% | 61.1% | 46.3% | Medium | 85.9% | 65.6% | 48.3% |
| B5-05.3 | Bed | 11.1 | 88 | Medium | 75.3% | 61.5% | 47.2% | Medium | 85.0% | 64.0% | 46.3% |
| B5-05.3 | Bed | 11.1 | 88 | Medium | 73.4% | 58.2% | 43.7% | Medium | 82.3% | 57.7% | 39.8% |
| B5-06.1 | LKD | 27.5 | 245 | High | 79.9% | 71.3% | 61.5% | High | 83.9% | 65.3% | 51.5% |
| B5-06.1 | LKD | 27.5 | 245 | High | 79.4% | 70.5% | 60.4% | High | 83.9% | 64.9% | 50.9% |
| B5-06.2 | Bed | 10.2 | 81 | High | 78.5% | 67.4% | 55.2% | High | 87.7% | 74.4% | 60.4% |
| B5-06.2 | Bed | 10.2 | 81 | High | 78.5% | 67.2% | 55.1% | High | 87.3% | 73.3% | 59.2% |
| B5-06.3 | Bed | 11.1 | 88 | High | 78.1% | 66.7% | 54.5% | High | 85.8% | 69.1% | 53.8% |
| B5-06.3 | Bed | 11.1 | 88 | High | 77.4% | 65.4% | 53.0% | High | 85.7% | 68.7% | 53.6% |
| B5-07.1 | LKD | 17.4 | 144 | Medium | 68.1% | 53.1% | 37.5% | Medium | 80.3% | 54.1% | 33.6% |
| B5-07.1 | LKD | 17.4 | 144 | Medium | 65.8% | 50.8% | 34.5% | Medium | 79.0% | 51.5% | 30.6% |
| B5-07.2 | Bed | 11.2 | 96 | High | 76.2% | 63.8% | 51.3% | High | 85.5% | 68.1% | 52.9% |
| B5-07.2 | Bed | 11.2 | 96 | High | 76.5% | 63.9% | 51.1% | High | 85.2% | 67.4% | 51.9% |
| B5-08.1 | LKD | 17.6 | 160 | Minimum | 64.5% | 49.6% | 33.8% | Minimum | 78.2% | 49.4% | 28.1% |
| B5-08.1 | LKD | 17.6 | 160 | Minimum | 61.4% | 45.4% | 29.3% | Minimum | 77.2% | 46.4% | 23.9% |
| B5-08.2 | Bed | 11.2 | 96 | Medium | 69.7% | 55.0% | 42.1% | Medium | 82.2% | 59.1% | 42.1% |
| B5-08.2 | Bed | 11.2 | 96 | Minimum | 63.4% | 47.7% | 33.8% | Medium | 78.7% | 51.0% | 32.3% |
| B5-09.1 | LKD | 17.6 | 160 | Medium | 71.6% | 58.7% | 45.9% | Medium | 82.2% | 60.0% | 43.8% |
| B5-09.1 | LKD | 17.6 | 160 | Minimum | 63.8% | 48.6% | 36.0% | Minimum | 77.9% | 49.4% | 34.6% |
| B5-09.2 | Bed | 11.2 | 96 | Medium | 68.7% | 54.3% | 41.8% | Medium | 80.8% | 56.1% | 39.1% |
| B5-09.2 | Bed | 11.2 | 96 | Minimum | 63.5% | 47.3% | 35.0% | Medium | 78.8% | 50.7% | 34.5% |
| B5-10.1 | LKD | 27.5 | 245 | High | 82.0% | 75.3% | 64.6% | High | 84.9% | 67.3% | 54.3% |
| B5-10.1 | LKD | 27.5 | 245 | High | 79.8% | 70.8% | 60.5% | Medium | 83.8% | 63.8% | 49.7% |
| B5-10.2 | Bed | 10.2 | 81 | High | 78.6% | 68.4% | 58.8% | High | 87.3% | 74.3% | 61.8% |
| B5-10.2 | Bed | 10.2 | 81 | High | 77.2% | 66.3% | 55.0% | High | 86.5% | 71.4% | 58.6% |
| B5-10.3 | Bed | 11.1 | 88 | High | 76.8% | 65.9% | 54.4% | High | 85.3% | 67.6% | 53.3% |
| B5-10.3 | Bed | 11.1 | 88 | High | 75.8% | 63.9% | 52.3% | High | 84.8% | 66.8% | 52.0% |
| B5-11.1 | LKD | 27.5 | 245 | High | 81.1% | 71.2% | 60.4% | Medium | 84.8% | 64.5% | 48.3% |
| B5-11.1 | LKD | 27.5 | 245 | High | 79.1% | 67.9% | 56.6% | Medium | 83.1% | 60.7% | 42.9% |
| B5-11.2 | Bed | 10.2 | 81 | High | 77.9% | 65.8% | 52.5% | High | 87.6% | 71.6% | 56.4% |
| B5-11.2 | Bed | 10.2 | 81 | High | 77.4% | 64.2% | 50.2% | High | 87.1% | 70.3% | 54.9% |
| B5-11.3 | Bed | 11.1 | 88 | High | 77.4% | 64.1% | 50.2% | High | 86.2% | 67.0% | 50.4% |
| B5-11.3 | Bed | 11.1 | 88 | Medium | 75.9% | 61.7% | 46.0% | Medium | 85.3% | 64.7% | 46.9% |
| B5-12.1 | LKD | 17.6 | 160 | Medium | 73.1% | 57.9% | 40.3% | Medium | 82.2% | 56.5% | 31.9% |
| B5-12.1 | LKD | 17.6 | 160 | Minimum | 64.9% | 47.6% | 23.8% | Minimum | 78.9% | 48.6% | 15.7% |
| B5-12.2 | Bed | 11.2 | 96 | Medium | 76.9% | 63.2% | 48.6% | High | 86.2% | 67.1% | 50.4% |
| B5-12.2 | Bed | 11.2 | 96 | Medium | 74.4% | 59.6% | 44.2% | Medium | 85.3% | 64.4% | 46.6% |
| B5-13.1 | LKD | 24.2 | 212 | Medium | 71.0% | 55.0% | 35.5% | Medium | 80.4% | 52.4% | 22.4% |
| B5-13.1 | LKD | 24.2 | 212 | Minimum | 62.8% | 43.8% | 16.8% | Minimum | 77.6% | 42.8% | 6.6% |
| B5-13.2 | Bed | 10.5 | 90 | High | 77.5% | 64.8% | 51.0% | High | 87.2% | 70.2% | 54.4% |

| Block B - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
| B5-13.2 | Bed | 10.5 | 90 | Medium | 77.2% | 63.2% | 48.6% | High | 86.2% | 67.4% | 50.7% |
| B6-01.1 | LKD | 27.0 | 243 | High | 80.6% | 71.7% | 58.6% | Medium | 83.9% | 61.3% | 42.7% |
| B6-01.2 | Bed | 8.1 | 63 | High | 80.1% | 70.2% | 56.9% | High | 88.4% | 74.5% | 58.9% |
| B6-01.3 | Bed | 10.7 | 88 | High | 77.5% | 64.5% | 51.1% | High | 87.1% | 70.2% | 54.5% |
| B6-02.1 | LKD | 23.3 | 206 | Medium | 68.7% | 53.2% | 35.3% | Medium | 80.3% | 53.0% | 28.6% |
| B6-02.2 | Bed | 10.5 | 90 | High | 80.0% | 70.2% | 57.9% | High | 88.6% | 76.4% | 62.9% |
| B6-03.1 | LKD | 17.6 | 160 | Medium | 74.2% | 60.3% | 45.8% | Medium | 82.1% | 57.3% | 35.8% |
| B6-03.2 | Bed | 11.2 | 96 | High | 77.2% | 64.6% | 50.5% | Medium | 85.9% | 66.4% | 49.9% |
| B6-04.1 | LKD | 17.4 | 144 | Medium | 74.1% | 60.4% | 45.2% | Medium | 82.5% | 58.4% | 37.8% |
| B6-04.2 | Bed | 11.2 | 96 | High | 77.2% | 64.7% | 50.5% | High | 86.2% | 67.4% | 50.5% |
| B6-05.1 | LKD | 27.5 | 245 | High | 81.7% | 73.7% | 63.9% | High | 85.2% | 66.6% | 53.5% |
| B6-05.2 | Bed | 10.2 | 81 | High | 78.6% | 67.1% | 54.2% | High | 87.9% | 73.9% | 58.8% |
| B6-05.3 | Bed | 11.1 | 88 | High | 77.2% | 64.6% | 50.7% | High | 86.2% | 67.6% | 51.0% |
| B6-06.1 | LKD | 27.5 | 245 | High | 82.1% | 75.5% | 65.4% | High | 85.0% | 68.1% | 54.8% |
| B6-06.2 | Bed | 10.2 | 81 | High | 79.2% | 68.6% | 56.9% | High | 88.1% | 75.3% | 62.0% |
| B6-06.3 | Bed | 11.1 | 88 | High | 78.2% | 67.0% | 55.0% | High | 86.2% | 69.8% | 55.3% |
| B6-07.1 | LKD | 17.4 | 144 | High | 76.4% | 63.6% | 50.5% | Medium | 83.5% | 62.0% | 43.4% |
| B6-07.2 | Bed | 11.2 | 96 | High | 78.0% | 66.6% | 54.2% | High | 86.3% | 70.0% | 55.6% |
| B6-08.1 | LKD | 17.6 | 160 | High | 75.9% | 63.1% | 50.0% | Medium | 83.0% | 61.0% | 41.7% |
| B6-08.2 | Bed | 11.2 | 96 | High | 77.8% | 66.1% | 53.6% | High | 85.5% | 68.4% | 53.2% |

**Table 16: Daylight provision individual values for all habitable rooms to IS EN 17037:2018+A1:2021**

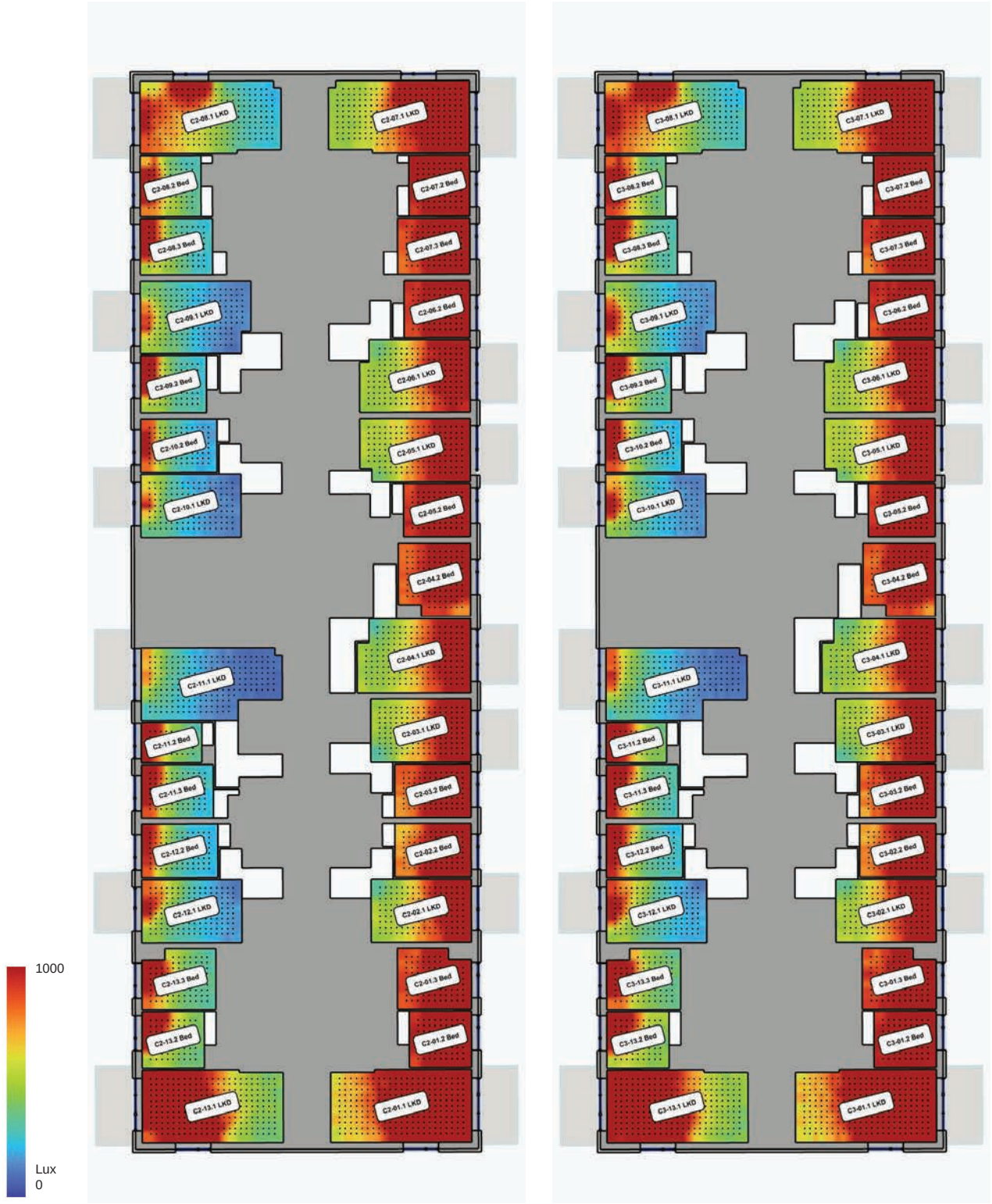
## Block C




**Ground Floor** **First Floor**

**Figure 48: Block C - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

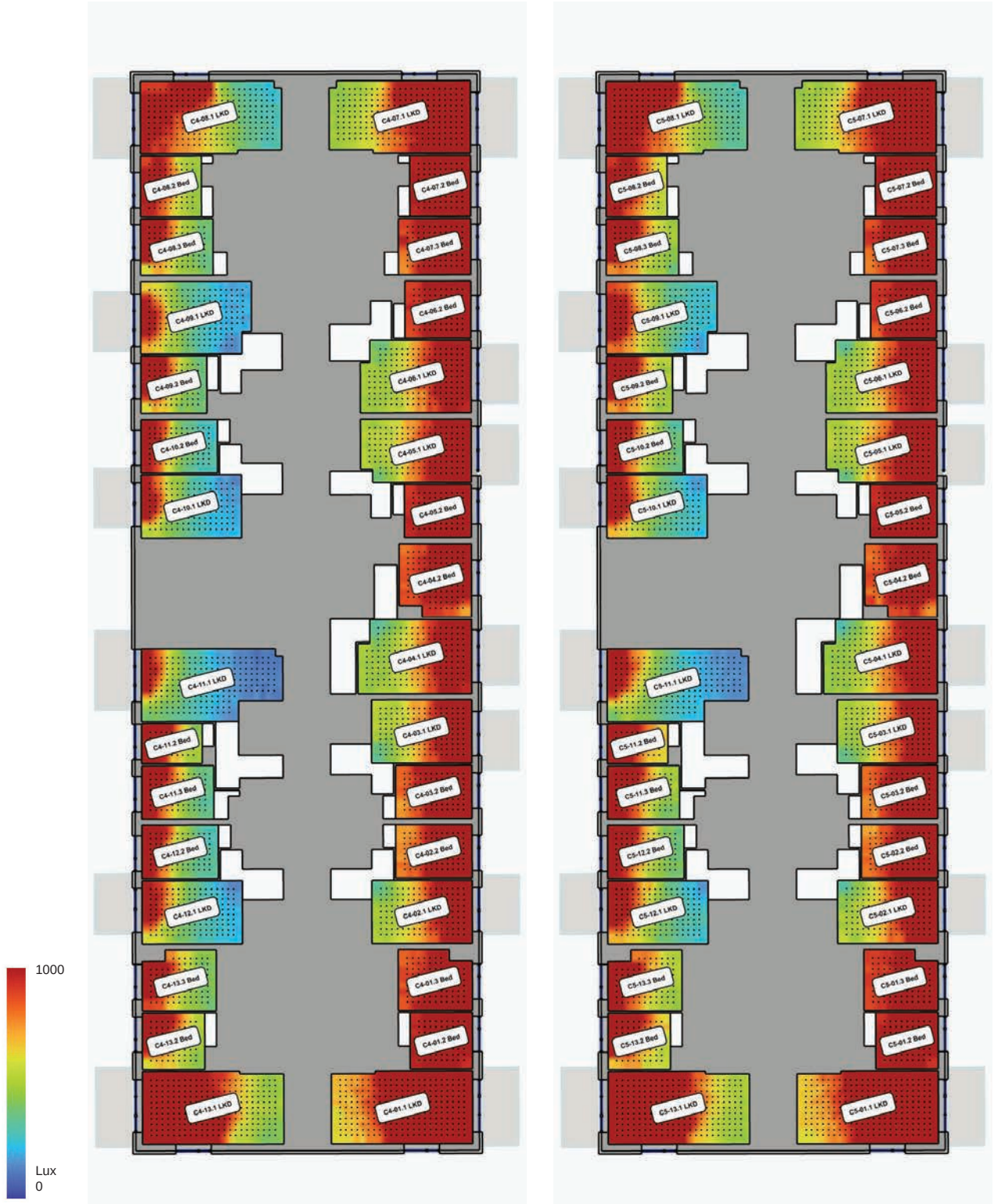
## Block C




**Second Floor** **Third Floor**

**Figure 49: Block C - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

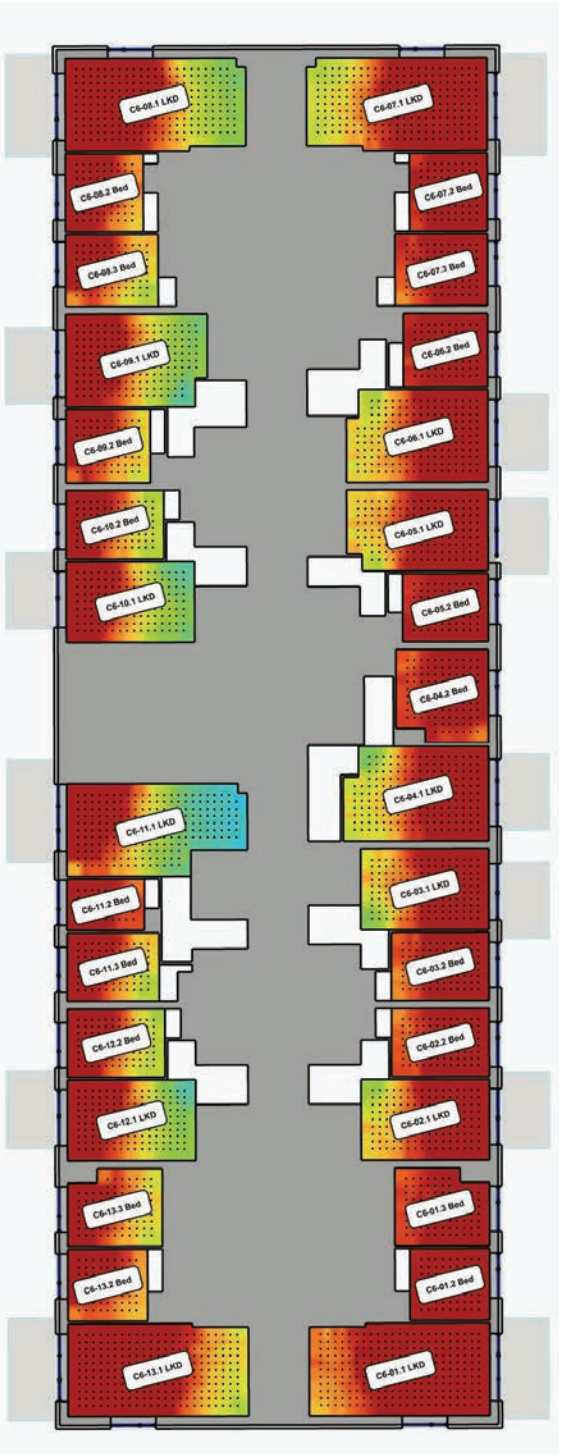
## Block C




**Fourth Floor** **Fifth Floor**

**Figure 50: Block C - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

## Block C




**Sixth Floor**

**Figure 51: Block C - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

**Block C - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule**

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C0-01.1 | LKD | 27.8 | 253 | High | 77.7% | 67.5% | 57.1% | Medium | 82.4% | 61.6% | 47.4% |
| C0-01.2 | Bed | 10.7 | 80 | Medium | 76.8% | 63.7% | 49.5% | High | 85.8% | 68.8% | 52.8% |
| C0-01.3 | Bed | 11.7 | 91 | Medium | 73.1% | 58.4% | 43.1% | Medium | 85.0% | 66.6% | 49.0% |
| C0-02.1 | LKD | 18.8 | 158 | Minimum | 66.1% | 49.0% | 30.8% | Minimum | 78.4% | 46.4% | 25.7% |
| C0-02.2 | Bed | 10.8 | 88 | Medium | 76.0% | 62.5% | 47.5% | Medium | 84.8% | 65.8% | 47.2% |
| C0-03.1 | LKD | 18.8 | 158 | Minimum | 65.8% | 48.2% | 30.8% | Minimum | 78.4% | 46.4% | 25.2% |
| C0-03.2 | Bed | 10.8 | 88 | Medium | 76.3% | 63.3% | 48.6% | Medium | 85.0% | 67.0% | 49.5% |
| C0-04.1 | LKD | 19.9 | 167 | Medium | 67.1% | 50.5% | 32.2% | Minimum | 78.7% | 47.3% | 26.1% |
| C0-04.2 | Bed | 10.9 | 88 | Medium | 76.0% | 62.6% | 47.2% | High | 85.6% | 67.8% | 51.0% |
| C0-05.1 | LKD | 22.7 | 201 | Minimum | 66.4% | 48.8% | 30.5% | Minimum | 77.9% | 44.2% | 23.4% |

## Block C - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C0-05.2 | Bed | 11.7 | 88 | Medium | 74.6% | 61.0% | 44.4% | Medium | 85.3% | 67.1% | 49.3% |
| C0-06.1 | LKD | 31.6 | 297 | Medium | 67.8% | 52.6% | 33.6% | Minimum | 77.4% | 42.9% | 18.9% |
| C0-06.2 | Bed | 13.9 | 112 | Medium | 70.2% | 54.1% | 38.2% | Medium | 82.5% | 57.2% | 37.5% |
| C0-06.3 | Bed | 15.5 | 127 | Medium | 68.9% | 52.4% | 35.6% | Medium | 82.5% | 57.1% | 36.6% |
| C0-07.1 | LKD | 31.6 | 296 | Minimum | 53.0% | 27.6% | 2.9% | Minimum | 57.4% | 2.4% | 0.0% |
| C0-07.2 | Bed | 13.9 | 112 | Fail | 25.6% | 3.5% | 1.6% | Minimum | 53.3% | 4.9% | 0.7% |
| C0-07.3 | Bed | 15.5 | 127 | Fail | 21.7% | 2.9% | 0.8% | Minimum | 50.6% | 2.5% | 0.4% |
| C0-08.1 | LKD | 18.8 | 158 | Fail | 16.8% | 4.0% | 1.8% | Fail | 37.6% | 2.9% | 0.3% |
| C0-08.2 | Bed | 10.8 | 88 | Fail | 35.0% | 11.0% | 3.4% | Minimum | 57.2% | 13.2% | 2.9% |
| C0-09.1 | LKD | 18.8 | 158 | Fail | 19.2% | 5.0% | 2.9% | Fail | 39.8% | 3.8% | 0.4% |
| C0-09.2 | Bed | 10.8 | 88 | Fail | 33.3% | 8.8% | 2.5% | Minimum | 56.0% | 10.2% | 2.0% |
| C0-10.1 | LKD | 27.8 | 253 | Medium | 66.7% | 54.1% | 41.8% | Minimum | 74.0% | 46.3% | 25.8% |
| C0-10.2 | Bed | 10.7 | 80 | Fail | 46.1% | 24.8% | 7.1% | Minimum | 69.6% | 31.4% | 7.4% |
| C0-10.3 | Bed | 11.7 | 91 | Fail | 39.4% | 16.2% | 5.3% | Minimum | 64.6% | 23.7% | 5.3% |
| C1-01.1 | LKD | 27.8 | 253 | High | 79.2% | 70.1% | 59.6% | Medium | 83.6% | 64.1% | 49.5% |
| C1-01.2 | Bed | 9.6 | 72 | High | 79.1% | 68.2% | 55.9% | High | 88.0% | 75.2% | 61.3% |
| C1-01.3 | Bed | 11.7 | 91 | High | 77.1% | 64.5% | 51.8% | High | 86.6% | 71.1% | 56.1% |
| C1-02.1 | LKD | 17.4 | 144 | Medium | 68.5% | 53.4% | 36.4% | Medium | 80.9% | 55.5% | 34.1% |
| C1-02.2 | Bed | 11.2 | 96 | High | 77.4% | 64.9% | 51.3% | High | 85.5% | 67.8% | 51.5% |
| C1-03.1 | LKD | 17.4 | 160 | Medium | 67.9% | 52.7% | 34.7% | Medium | 80.3% | 53.5% | 30.8% |
| C1-03.2 | Bed | 11.2 | 96 | High | 77.7% | 65.9% | 52.4% | High | 85.5% | 67.9% | 52.1% |
| C1-04.1 | LKD | 22.4 | 190 | Medium | 67.4% | 51.6% | 33.9% | Medium | 80.1% | 52.4% | 29.2% |
| C1-04.2 | Bed | 13.8 | 113 | Medium | 76.3% | 63.0% | 48.7% | High | 86.3% | 69.9% | 54.3% |
| C1-05.1 | LKD | 18.7 | 158 | Medium | 69.9% | 54.9% | 39.1% | Medium | 80.9% | 55.7% | 34.2% |
| C1-05.2 | Bed | 9.8 | 80 | High | 79.0% | 67.9% | 55.0% | High | 87.2% | 72.8% | 57.6% |
| C1-06.1 | LKD | 21.4 | 190 | Medium | 68.8% | 53.3% | 35.9% | Medium | 80.5% | 53.8% | 31.3% |
| C1-06.2 | Bed | 10.4 | 80 | High | 78.4% | 67.4% | 54.1% | High | 87.0% | 71.6% | 56.5% |
| C1-07.1 | LKD | 27.5 | 245 | High | 75.6% | 62.9% | 50.2% | Medium | 82.2% | 57.8% | 36.9% |
| C1-07.2 | Bed | 10.2 | 81 | High | 79.4% | 68.6% | 55.8% | High | 87.7% | 74.1% | 59.8% |
| C1-07.3 | Bed | 11.2 | 88 | High | 78.6% | 67.2% | 53.8% | High | 86.0% | 69.3% | 53.6% |
| C1-08.1 | LKD | 27.5 | 245 | Minimum | 66.0% | 49.3% | 28.2% | Minimum | 71.4% | 29.5% | 1.0% |
| C1-08.2 | Bed | 10.2 | 81 | Minimum | 54.0% | 32.9% | 13.3% | Minimum | 73.7% | 36.1% | 10.8% |
| C1-08.3 | Bed | 11.2 | 88 | Fail | 48.6% | 26.8% | 6.7% | Minimum | 68.2% | 27.0% | 3.1% |
| C1-09.1 | LKD | 21.4 | 190 | Fail | 25.7% | 6.0% | 1.8% | Fail | 43.0% | 2.2% | 0.0% |
| C1-09.2 | Bed | 10.4 | 80 | Fail | 42.7% | 22.8% | 6.9% | Minimum | 65.7% | 25.3% | 4.0% |
| C1-10.1 | LKD | 17.4 | 144 | Fail | 24.3% | 5.5% | 2.1% | Fail | 40.2% | 2.2% | 0.0% |
| C1-10.2 | Bed | 11.2 | 96 | Fail | 35.7% | 11.3% | 2.5% | Minimum | 57.5% | 12.5% | 0.3% |
| C1-11.1 | LKD | 25.4 | 221 | Fail | 12.2% | 3.4% | 0.5% | Fail | 24.2% | 0.0% | 0.0% |
| C1-11.2 | Bed | 6.6 | 45 | Minimum | 53.9% | 35.8% | 17.9% | Minimum | 73.7% | 39.3% | 19.9% |
| C1-11.3 | Bed | 10.5 | 88 | Fail | 45.6% | 25.6% | 8.5% | Minimum | 65.2% | 26.5% | 3.9% |
| C1-12.1 | LKD | 17.4 | 160 | Fail | 33.4% | 11.1% | 4.3% | Minimum | 50.3% | 4.9% | 1.4% |
| C1-12.2 | Bed | 11.2 | 96 | Fail | 42.2% | 18.8% | 4.8% | Minimum | 61.4% | 21.2% | 1.2% |
| C1-13.1 | LKD | 27.8 | 253 | Medium | 71.8% | 59.3% | 47.7% | Minimum | 75.6% | 48.6% | 29.7% |
| C1-13.2 | Bed | 9.6 | 72 | Minimum | 57.4% | 39.8% | 20.7% | Minimum | 75.6% | 43.6% | 22.5% |
| C1-13.3 | Bed | 11.7 | 91 | Minimum | 50.6% | 31.3% | 11.7% | Minimum | 71.6% | 37.3% | 11.9% |
| C2-01.1 | LKD | 27.8 | 253 | High | 79.5% | 70.5% | 60.7% | High | 83.8% | 64.8% | 50.9% |
| C2-01.2 | Bed | 9.6 | 72 | High | 79.6% | 69.1% | 57.2% | High | 87.9% | 75.0% | 61.2% |
| C2-01.3 | Bed | 11.7 | 91 | High | 77.2% | 64.9% | 52.3% | High | 86.7% | 71.0% | 56.2% |
| C2-02.1 | LKD | 17.4 | 144 | Medium | 68.9% | 54.0% | 37.2% | Medium | 80.3% | 54.3% | 31.8% |
| C2-02.2 | Bed | 11.2 | 96 | High | 77.4% | 65.0% | 51.9% | High | 85.6% | 68.0% | 52.2% |
| C2-03.1 | LKD | 17.4 | 160 | Medium | 68.2% | 53.4% | 35.5% | Medium | 79.7% | 52.1% | 30.2% |

## Block C - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C2-03.2 | Bed | 11.2 | 96 | High | 77.8% | 66.0% | 53.1% | High | 85.8% | 68.8% | 53.4% |
| C2-04.1 | LKD | 22.4 | 190 | Medium | 67.9% | 52.4% | 34.2% | Medium | 80.1% | 53.0% | 29.8% |
| C2-04.2 | Bed | 13.8 | 113 | High | 77.0% | 64.2% | 50.4% | High | 86.3% | 70.1% | 54.5% |
| C2-05.1 | LKD | 18.7 | 158 | Medium | 70.2% | 55.8% | 40.1% | Medium | 81.0% | 55.8% | 34.2% |
| C2-05.2 | Bed | 9.8 | 80 | High | 79.5% | 68.9% | 56.1% | High | 87.3% | 73.1% | 58.5% |
| C2-06.1 | LKD | 21.4 | 190 | Medium | 68.6% | 53.5% | 35.8% | Medium | 80.8% | 54.9% | 32.5% |
| C2-06.2 | Bed | 10.4 | 80 | High | 79.1% | 68.4% | 55.3% | High | 87.4% | 73.6% | 58.8% |
| C2-07.1 | LKD | 27.5 | 245 | High | 76.4% | 63.9% | 51.4% | Medium | 82.4% | 58.7% | 38.6% |
| C2-07.2 | Bed | 10.2 | 81 | High | 79.5% | 69.1% | 56.6% | High | 87.8% | 74.6% | 60.8% |
| C2-07.3 | Bed | 11.2 | 88 | High | 78.5% | 67.1% | 54.1% | High | 86.8% | 71.3% | 56.1% |
| C2-08.1 | LKD | 27.5 | 245 | Medium | 68.4% | 52.5% | 34.5% | Minimum | 73.9% | 36.2% | 3.5% |
| C2-08.2 | Bed | 10.2 | 81 | Minimum | 60.5% | 43.1% | 22.8% | Minimum | 76.1% | 41.2% | 18.3% |
| C2-08.3 | Bed | 11.2 | 88 | Minimum | 53.9% | 33.7% | 12.5% | Minimum | 72.1% | 34.0% | 6.1% |
| C2-09.1 | LKD | 21.4 | 190 | Fail | 32.0% | 8.6% | 2.4% | Minimum | 50.1% | 3.1% | 0.1% |
| C2-09.2 | Bed | 10.4 | 80 | Minimum | 51.2% | 30.5% | 10.7% | Minimum | 70.3% | 33.0% | 7.9% |
| C2-10.1 | LKD | 17.4 | 144 | Fail | 28.6% | 7.4% | 2.2% | Fail | 44.9% | 3.1% | 0.3% |
| C2-10.2 | Bed | 11.2 | 96 | Fail | 42.5% | 20.0% | 5.2% | Minimum | 63.1% | 20.9% | 0.9% |
| C2-11.1 | LKD | 25.4 | 221 | Fail | 18.4% | 4.4% | 1.1% | Fail | 30.4% | 0.0% | 0.0% |
| C2-11.2 | Bed | 6.6 | 45 | Minimum | 58.5% | 42.9% | 25.7% | Minimum | 76.0% | 45.2% | 24.6% |
| C2-11.3 | Bed | 10.5 | 88 | Minimum | 52.0% | 32.6% | 11.2% | Minimum | 68.9% | 31.8% | 5.2% |
| C2-12.1 | LKD | 17.4 | 160 | Fail | 38.5% | 14.6% | 4.8% | Minimum | 54.7% | 7.4% | 2.3% |
| C2-12.2 | Bed | 11.2 | 96 | Fail | 47.6% | 27.2% | 7.9% | Minimum | 67.1% | 28.2% | 2.3% |
| C2-13.1 | LKD | 27.8 | 253 | High | 73.9% | 61.8% | 50.5% | Medium | 77.2% | 51.5% | 33.3% |
| C2-13.2 | Bed | 9.6 | 72 | Minimum | 60.8% | 44.8% | 26.8% | Minimum | 78.3% | 49.6% | 28.8% |
| C2-13.3 | Bed | 11.7 | 91 | Minimum | 54.8% | 36.8% | 15.9% | Minimum | 75.0% | 43.1% | 17.7% |
| C3-01.1 | LKD | 27.8 | 253 | High | 79.9% | 71.0% | 61.3% | High | 83.8% | 65.0% | 51.4% |
| C3-01.2 | Bed | 9.6 | 72 | High | 79.5% | 69.2% | 57.6% | High | 88.0% | 75.1% | 61.6% |
| C3-01.3 | Bed | 11.7 | 91 | High | 76.9% | 64.5% | 51.9% | High | 86.6% | 70.8% | 56.2% |
| C3-02.1 | LKD | 17.4 | 144 | Medium | 69.1% | 54.6% | 38.3% | Medium | 80.9% | 55.6% | 33.7% |
| C3-02.2 | Bed | 11.2 | 96 | High | 77.3% | 65.1% | 52.5% | High | 85.8% | 68.5% | 52.8% |
| C3-03.1 | LKD | 17.4 | 160 | Medium | 69.0% | 54.2% | 36.8% | Medium | 79.9% | 53.5% | 30.3% |
| C3-03.2 | Bed | 11.2 | 96 | High | 77.8% | 66.1% | 53.6% | High | 85.9% | 69.2% | 54.1% |
| C3-04.1 | LKD | 22.4 | 190 | Medium | 68.2% | 53.0% | 34.3% | Medium | 80.0% | 52.5% | 29.6% |
| C3-04.2 | Bed | 13.8 | 113 | High | 76.8% | 63.9% | 50.4% | High | 86.4% | 70.4% | 55.4% |
| C3-05.1 | LKD | 18.7 | 158 | Medium | 70.2% | 55.9% | 40.3% | Medium | 81.0% | 56.2% | 34.9% |
| C3-05.2 | Bed | 9.8 | 80 | High | 79.4% | 68.8% | 56.5% | High | 87.2% | 73.1% | 58.5% |
| C3-06.1 | LKD | 21.4 | 190 | Medium | 68.6% | 53.7% | 35.8% | Medium | 80.7% | 54.9% | 32.5% |
| C3-06.2 | Bed | 10.4 | 80 | High | 78.9% | 68.0% | 55.3% | High | 87.3% | 73.3% | 58.2% |
| C3-07.1 | LKD | 27.5 | 245 | High | 77.2% | 64.8% | 52.9% | Medium | 82.9% | 60.3% | 41.1% |
| C3-07.2 | Bed | 10.2 | 81 | High | 79.5% | 69.1% | 56.6% | High | 87.9% | 74.8% | 61.4% |
| C3-07.3 | Bed | 11.2 | 88 | High | 78.8% | 67.6% | 54.8% | High | 86.6% | 70.7% | 56.0% |
| C3-08.1 | LKD | 27.5 | 245 | Medium | 70.8% | 55.8% | 39.5% | Minimum | 75.3% | 39.6% | 7.1% |
| C3-08.2 | Bed | 10.2 | 81 | Minimum | 65.9% | 50.0% | 33.2% | Minimum | 78.6% | 49.7% | 27.7% |
| C3-08.3 | Bed | 11.2 | 88 | Minimum | 59.5% | 42.1% | 21.6% | Minimum | 76.3% | 41.6% | 16.6% |
| C3-09.1 | LKD | 21.4 | 190 | Fail | 39.9% | 13.6% | 3.8% | Minimum | 55.3% | 5.4% | 0.7% |
| C3-09.2 | Bed | 10.4 | 80 | Minimum | 58.5% | 41.5% | 22.3% | Minimum | 74.0% | 39.6% | 13.4% |
| C3-10.1 | LKD | 17.4 | 144 | Fail | 36.1% | 11.5% | 3.7% | Minimum | 52.6% | 5.4% | 1.4% |
| C3-10.2 | Bed | 11.2 | 96 | Minimum | 52.2% | 31.6% | 8.7% | Minimum | 68.5% | 29.2% | 2.9% |
| C3-11.1 | LKD | 25.4 | 221 | Fail | 28.0% | 6.8% | 2.1% | Fail | 39.3% | 0.7% | 0.0% |
| C3-11.2 | Bed | 6.6 | 45 | Medium | 67.9% | 53.6% | 37.7% | Medium | 78.4% | 51.7% | 32.0% |

## Block C - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C3-11.3 | Bed | 10.5 | 88 | Minimum | 59.0% | 42.8% | 24.0% | Minimum | 74.2% | 41.1% | 14.9% |
| C3-12.1 | LKD | 17.4 | 160 | Fail | 43.9% | 20.0% | 5.9% | Minimum | 59.0% | 11.7% | 2.5% |
| C3-12.2 | Bed | 11.2 | 96 | Minimum | 55.3% | 35.9% | 13.2% | Minimum | 70.4% | 35.3% | 5.4% |
| C3-13.1 | LKD | 27.8 | 253 | High | 75.2% | 63.7% | 53.1% | Medium | 78.7% | 54.4% | 36.4% |
| C3-13.2 | Bed | 9.6 | 72 | Medium | 66.7% | 51.5% | 34.8% | Medium | 80.3% | 53.9% | 33.6% |
| C3-13.3 | Bed | 11.7 | 91 | Minimum | 58.7% | 41.6% | 21.7% | Minimum | 77.0% | 46.7% | 23.5% |
| C4-01.1 | LKD | 27.8 | 253 | High | 79.8% | 71.1% | 61.1% | High | 84.0% | 65.5% | 51.9% |
| C4-01.2 | Bed | 9.6 | 72 | High | 79.6% | 69.2% | 57.7% | High | 88.1% | 75.4% | 61.8% |
| C4-01.3 | Bed | 11.7 | 91 | High | 77.2% | 65.2% | 52.9% | High | 86.6% | 71.1% | 56.3% |
| C4-02.1 | LKD | 17.4 | 144 | Medium | 69.2% | 54.7% | 38.7% | Medium | 80.3% | 54.2% | 31.8% |
| C4-02.2 | Bed | 11.2 | 96 | High | 78.1% | 66.5% | 53.6% | High | 86.0% | 69.0% | 53.5% |
| C4-03.1 | LKD | 17.4 | 160 | Medium | 68.9% | 54.3% | 37.1% | Medium | 80.3% | 54.4% | 31.9% |
| C4-03.2 | Bed | 11.2 | 96 | High | 78.3% | 66.8% | 54.1% | High | 86.1% | 69.5% | 54.6% |
| C4-04.1 | LKD | 22.4 | 190 | Medium | 68.1% | 52.9% | 35.2% | Medium | 80.5% | 53.9% | 30.8% |
| C4-04.2 | Bed | 13.8 | 113 | High | 76.9% | 64.3% | 51.1% | High | 86.6% | 70.9% | 56.1% |
| C4-05.1 | LKD | 18.7 | 158 | Medium | 70.1% | 56.0% | 40.8% | Medium | 81.5% | 56.8% | 36.2% |
| C4-05.2 | Bed | 9.8 | 80 | High | 79.4% | 68.9% | 56.5% | High | 87.4% | 73.5% | 59.4% |
| C4-06.1 | LKD | 21.4 | 190 | Medium | 69.0% | 54.1% | 36.8% | Medium | 80.8% | 55.4% | 32.8% |
| C4-06.2 | Bed | 10.4 | 80 | High | 79.1% | 68.4% | 55.8% | High | 87.4% | 73.4% | 58.8% |
| C4-07.1 | LKD | 27.5 | 245 | High | 77.5% | 65.7% | 53.7% | Medium | 82.9% | 60.1% | 41.1% |
| C4-07.2 | Bed | 10.2 | 81 | High | 79.6% | 69.6% | 57.7% | High | 87.8% | 74.8% | 61.3% |
| C4-07.3 | Bed | 11.2 | 88 | High | 79.2% | 68.2% | 55.7% | High | 86.2% | 69.8% | 55.3% |
| C4-08.1 | LKD | 27.5 | 245 | Medium | 73.0% | 58.6% | 43.7% | Minimum | 76.7% | 43.2% | 12.2% |
| C4-08.2 | Bed | 10.2 | 81 | Medium | 71.3% | 55.7% | 40.8% | Medium | 81.5% | 56.5% | 37.9% |
| C4-08.3 | Bed | 11.2 | 88 | Minimum | 65.9% | 49.5% | 31.5% | Minimum | 78.7% | 49.8% | 27.1% |
| C4-09.1 | LKD | 21.4 | 190 | Fail | 47.4% | 25.3% | 7.2% | Minimum | 61.2% | 15.5% | 2.9% |
| C4-09.2 | Bed | 10.4 | 80 | Medium | 66.2% | 50.3% | 33.4% | Minimum | 78.2% | 48.5% | 26.9% |
| C4-10.1 | LKD | 17.4 | 144 | Fail | 46.1% | 23.1% | 6.4% | Minimum | 60.0% | 13.9% | 3.0% |
| C4-10.2 | Bed | 11.2 | 96 | Minimum | 59.9% | 43.4% | 21.3% | Minimum | 74.7% | 39.5% | 10.6% |
| C4-11.1 | LKD | 25.4 | 221 | Fail | 38.2% | 10.9% | 3.9% | Fail | 47.4% | 2.8% | 0.0% |
| C4-11.2 | Bed | 6.6 | 45 | Medium | 74.4% | 60.4% | 47.6% | Medium | 81.8% | 58.0% | 41.1% |
| C4-11.3 | Bed | 10.5 | 88 | Medium | 66.3% | 50.8% | 35.1% | Minimum | 77.1% | 46.8% | 23.1% |
| C4-12.1 | LKD | 17.4 | 160 | Minimum | 51.1% | 29.6% | 8.4% | Minimum | 62.9% | 17.9% | 3.4% |
| C4-12.2 | Bed | 11.2 | 96 | Minimum | 62.7% | 46.3% | 25.3% | Minimum | 75.7% | 42.4% | 13.1% |
| C4-13.1 | LKD | 27.8 | 253 | High | 76.6% | 65.0% | 55.0% | Medium | 79.9% | 55.9% | 38.8% |
| C4-13.2 | Bed | 9.6 | 72 | Medium | 71.1% | 56.6% | 42.0% | Medium | 82.1% | 58.4% | 41.1% |
| C4-13.3 | Bed | 11.7 | 91 | Minimum | 65.3% | 49.3% | 31.9% | Medium | 79.5% | 52.6% | 31.7% |
| C5-01.1 | LKD | 27.8 | 253 | High | 80.3% | 71.8% | 61.8% | High | 84.2% | 65.8% | 52.4% |
| C5-01.2 | Bed | 9.6 | 72 | High | 80.0% | 69.7% | 58.8% | High | 88.0% | 75.3% | 61.7% |
| C5-01.3 | Bed | 11.7 | 91 | High | 77.5% | 65.9% | 53.3% | High | 87.1% | 72.7% | 58.0% |
| C5-02.1 | LKD | 17.4 | 144 | Medium | 69.6% | 55.4% | 40.0% | Medium | 80.8% | 55.2% | 33.3% |
| C5-02.2 | Bed | 11.2 | 96 | High | 77.7% | 66.0% | 53.2% | High | 86.2% | 69.7% | 54.6% |
| C5-03.1 | LKD | 17.4 | 160 | Medium | 69.1% | 54.6% | 37.8% | Medium | 80.7% | 55.4% | 33.7% |
| C5-03.2 | Bed | 11.2 | 96 | High | 78.0% | 66.6% | 54.2% | High | 86.1% | 69.4% | 54.7% |
| C5-04.1 | LKD | 22.4 | 190 | Medium | 68.7% | 53.8% | 35.9% | Medium | 80.3% | 54.3% | 30.5% |
| C5-04.2 | Bed | 13.8 | 113 | High | 77.1% | 64.5% | 51.4% | High | 86.6% | 70.6% | 55.4% |
| C5-05.1 | LKD | 18.7 | 158 | Medium | 70.8% | 56.8% | 41.9% | Medium | 81.2% | 56.4% | 35.4% |
| C5-05.2 | Bed | 9.8 | 80 | High | 79.5% | 69.2% | 57.4% | High | 87.6% | 74.2% | 60.5% |
| C5-06.1 | LKD | 21.4 | 190 | Medium | 69.8% | 55.4% | 39.6% | Medium | 81.0% | 56.1% | 34.3% |
| C5-06.2 | Bed | 10.4 | 80 | High | 79.2% | 68.5% | 55.9% | High | 87.5% | 73.7% | 59.1% |

| Block C - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
| C5-07.1 | LKD | 27.5 | 245 | High | 78.2% | 66.5% | 54.8% | Medium | 83.2% | 61.4% | 42.4% |
| C5-07.2 | Bed | 10.2 | 81 | High | 79.7% | 69.9% | 58.3% | High | 87.9% | 75.1% | 61.8% |
| C5-07.3 | Bed | 11.2 | 88 | High | 78.7% | 67.5% | 54.9% | High | 86.6% | 70.8% | 56.3% |
| C5-08.1 | LKD | 27.5 | 245 | Medium | 76.1% | 62.0% | 49.1% | Minimum | 78.7% | 49.8% | 22.3% |
| C5-08.2 | Bed | 10.2 | 81 | Medium | 74.5% | 60.6% | 46.6% | Medium | 84.3% | 63.1% | 45.7% |
| C5-08.3 | Bed | 11.2 | 88 | Medium | 72.1% | 56.7% | 41.4% | Medium | 81.7% | 57.0% | 37.9% |
| C5-09.1 | LKD | 21.4 | 190 | Minimum | 56.7% | 37.8% | 15.6% | Minimum | 69.5% | 31.0% | 5.0% |
| C5-09.2 | Bed | 10.4 | 80 | Medium | 71.9% | 57.2% | 42.1% | Medium | 82.2% | 58.1% | 40.1% |
| C5-10.1 | LKD | 17.4 | 144 | Minimum | 55.6% | 36.2% | 13.2% | Minimum | 66.9% | 24.8% | 5.0% |
| C5-10.2 | Bed | 11.2 | 96 | Medium | 68.4% | 52.6% | 36.1% | Medium | 79.0% | 50.2% | 26.5% |
| C5-11.1 | LKD | 25.4 | 221 | Fail | 47.0% | 22.4% | 6.3% | Minimum | 56.2% | 7.3% | 0.6% |
| C5-11.2 | Bed | 6.6 | 45 | High | 77.0% | 65.0% | 51.6% | Medium | 85.4% | 65.6% | 49.8% |
| C5-11.3 | Bed | 10.5 | 88 | Medium | 72.0% | 58.1% | 44.1% | Medium | 81.1% | 55.7% | 35.1% |
| C5-12.1 | LKD | 17.4 | 160 | Minimum | 58.6% | 40.3% | 18.1% | Minimum | 69.8% | 32.5% | 6.1% |
| C5-12.2 | Bed | 11.2 | 96 | Medium | 70.1% | 54.3% | 37.9% | Medium | 79.6% | 52.1% | 29.0% |
| C5-13.1 | LKD | 27.8 | 253 | High | 77.8% | 66.6% | 56.6% | Medium | 81.1% | 58.4% | 43.8% |
| C5-13.2 | Bed | 9.6 | 72 | Medium | 74.5% | 60.9% | 46.5% | Medium | 85.3% | 65.1% | 47.8% |
| C5-13.3 | Bed | 11.7 | 91 | Medium | 69.5% | 54.0% | 38.8% | Medium | 82.4% | 59.0% | 40.9% |
| C6-01.1 | LKD | 27.8 | 253 | High | 82.0% | 75.5% | 65.4% | High | 85.6% | 69.0% | 55.6% |
| C6-01.2 | Bed | 9.6 | 72 | High | 80.2% | 70.4% | 59.7% | High | 88.2% | 75.9% | 62.7% |
| C6-01.3 | Bed | 11.7 | 91 | High | 77.4% | 65.7% | 53.3% | High | 87.1% | 72.6% | 57.7% |
| C6-02.1 | LKD | 17.4 | 144 | High | 76.5% | 63.7% | 50.8% | Medium | 83.9% | 62.5% | 44.0% |
| C6-02.2 | Bed | 11.2 | 96 | High | 78.7% | 67.6% | 55.7% | High | 86.5% | 70.6% | 56.1% |
| C6-03.1 | LKD | 17.4 | 160 | High | 76.2% | 63.5% | 50.5% | Medium | 83.3% | 61.5% | 41.8% |
| C6-03.2 | Bed | 11.2 | 96 | High | 79.0% | 68.2% | 55.9% | High | 86.4% | 70.3% | 55.9% |
| C6-04.1 | LKD | 22.4 | 190 | Medium | 75.6% | 62.5% | 49.0% | Medium | 83.2% | 61.1% | 41.7% |
| C6-04.2 | Bed | 13.8 | 113 | High | 77.4% | 65.3% | 52.7% | High | 86.8% | 71.8% | 56.9% |
| C6-05.1 | LKD | 18.7 | 158 | High | 77.4% | 65.5% | 52.9% | Medium | 84.4% | 64.6% | 47.2% |
| C6-05.2 | Bed | 9.8 | 80 | High | 80.3% | 70.6% | 59.6% | High | 87.8% | 74.4% | 60.8% |
| C6-06.1 | LKD | 21.4 | 190 | High | 77.0% | 64.2% | 51.4% | Medium | 84.0% | 63.3% | 44.9% |
| C6-06.2 | Bed | 10.4 | 80 | High | 79.9% | 70.1% | 58.7% | High | 87.8% | 74.6% | 60.7% |
| C6-07.1 | LKD | 27.5 | 245 | High | 81.0% | 71.8% | 60.9% | Medium | 84.5% | 64.9% | 47.7% |
| C6-07.2 | Bed | 10.2 | 81 | High | 79.9% | 70.3% | 58.8% | High | 87.9% | 75.2% | 62.0% |
| C6-07.3 | Bed | 11.2 | 88 | High | 78.7% | 67.8% | 55.3% | High | 86.8% | 71.5% | 56.6% |
| C6-08.1 | LKD | 27.5 | 245 | High | 79.6% | 70.0% | 57.3% | Medium | 82.8% | 59.4% | 40.4% |
| C6-08.2 | Bed | 10.2 | 81 | High | 77.8% | 65.8% | 51.8% | High | 86.9% | 69.9% | 54.3% |
| C6-08.3 | Bed | 11.2 | 88 | Medium | 75.2% | 61.7% | 47.2% | Medium | 85.6% | 65.0% | 47.8% |
| C6-09.1 | LKD | 21.4 | 190 | Medium | 71.8% | 57.1% | 42.2% | Medium | 80.3% | 53.3% | 29.5% |
| C6-09.2 | Bed | 10.4 | 80 | High | 76.9% | 64.2% | 50.1% | Medium | 85.9% | 66.4% | 49.9% |
| C6-10.1 | LKD | 17.4 | 144 | Medium | 71.1% | 56.1% | 40.5% | Medium | 79.6% | 51.8% | 26.3% |
| C6-10.2 | Bed | 11.2 | 96 | Medium | 74.5% | 60.8% | 46.8% | Medium | 84.0% | 62.0% | 44.2% |
| C6-11.1 | LKD | 25.4 | 221 | Minimum | 66.3% | 49.5% | 30.3% | Minimum | 72.7% | 36.7% | 7.7% |
| C6-11.2 | Bed | 6.6 | 45 | High | 80.7% | 71.5% | 60.0% | High | 87.8% | 73.5% | 59.7% |
| C6-11.3 | Bed | 10.5 | 88 | Medium | 75.1% | 62.3% | 48.7% | Medium | 84.5% | 63.5% | 46.3% |
| C6-12.1 | LKD | 17.4 | 160 | Medium | 72.4% | 57.9% | 42.9% | Medium | 80.4% | 53.4% | 29.0% |
| C6-12.2 | Bed | 11.2 | 96 | Medium | 75.0% | 61.9% | 48.2% | Medium | 84.3% | 63.1% | 45.8% |
| C6-13.1 | LKD | 27.8 | 253 | High | 80.9% | 72.7% | 62.6% | High | 83.4% | 64.1% | 51.2% |
| C6-13.2 | Bed | 9.6 | 72 | High | 77.8% | 65.9% | 52.4% | High | 87.0% | 70.4% | 55.0% |
| C6-13.3 | Bed | 11.7 | 91 | Medium | 73.8% | 60.3% | 46.3% | Medium | 85.3% | 65.6% | 48.7% |

**Table 17: Daylight provision individual values for all habitable rooms to IS EN 17037:2018+A1:2021**

## Block D

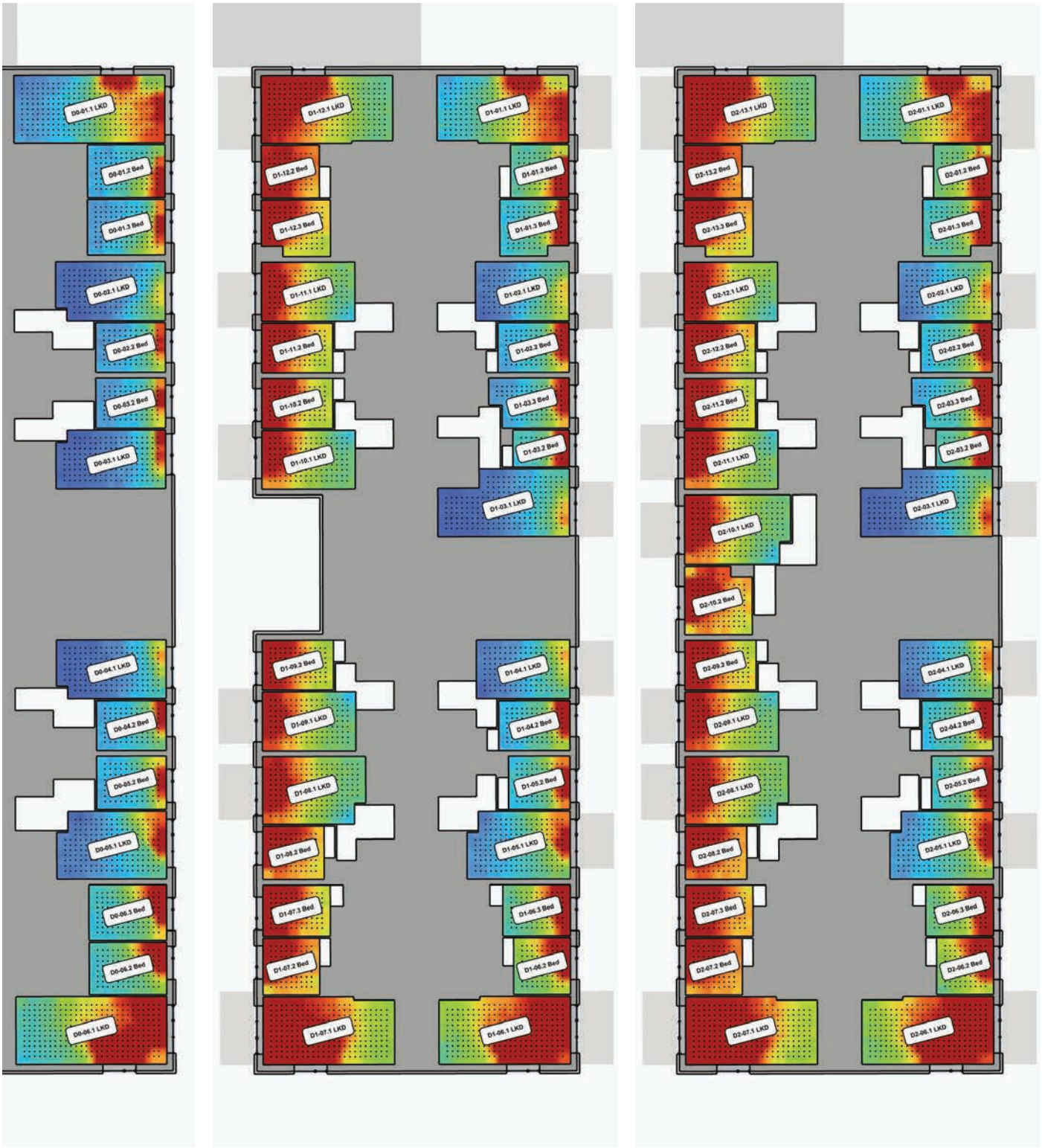



**Figure 52: Block D - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

## Block D

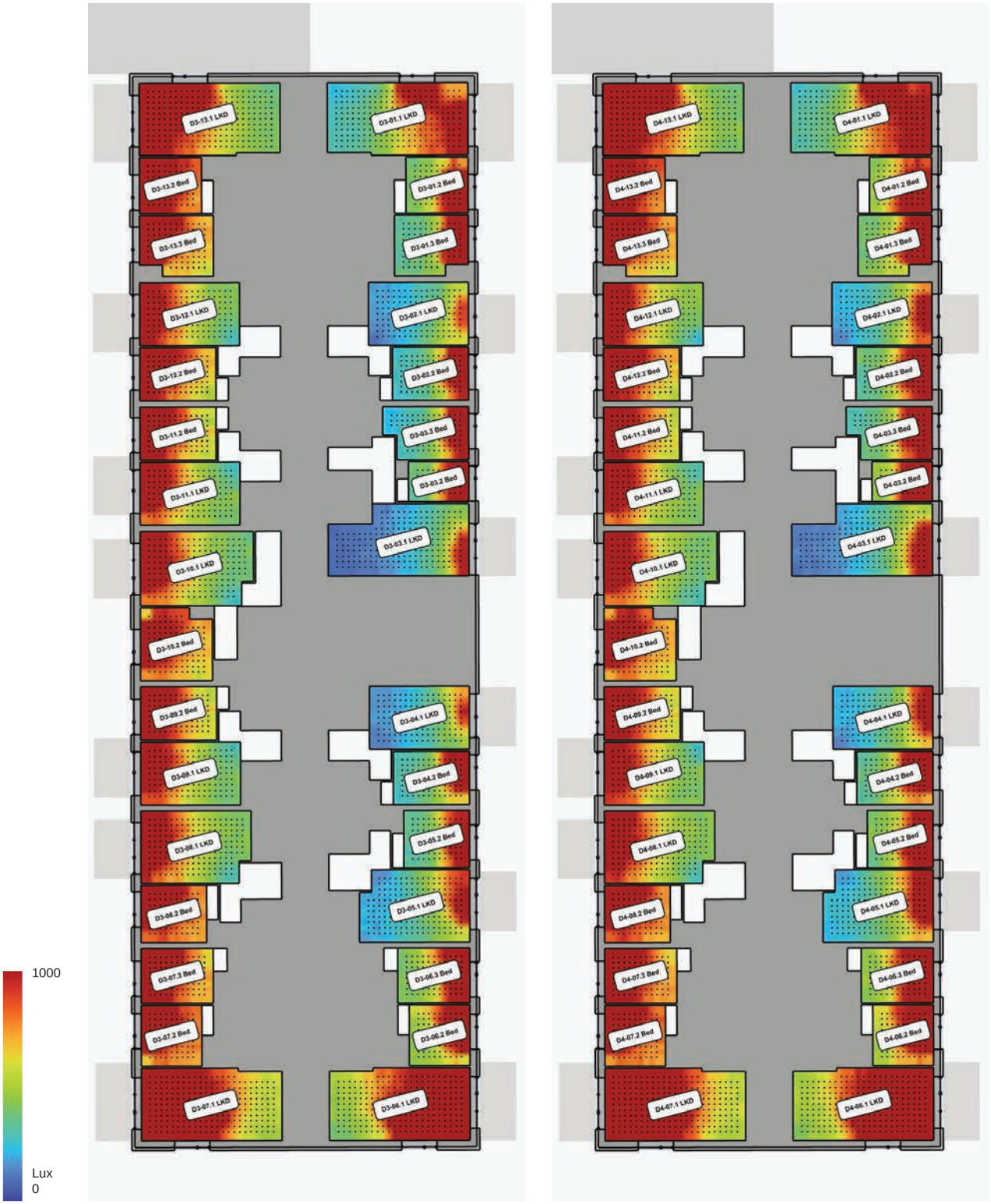



**Figure 53: Block D - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

## Block D

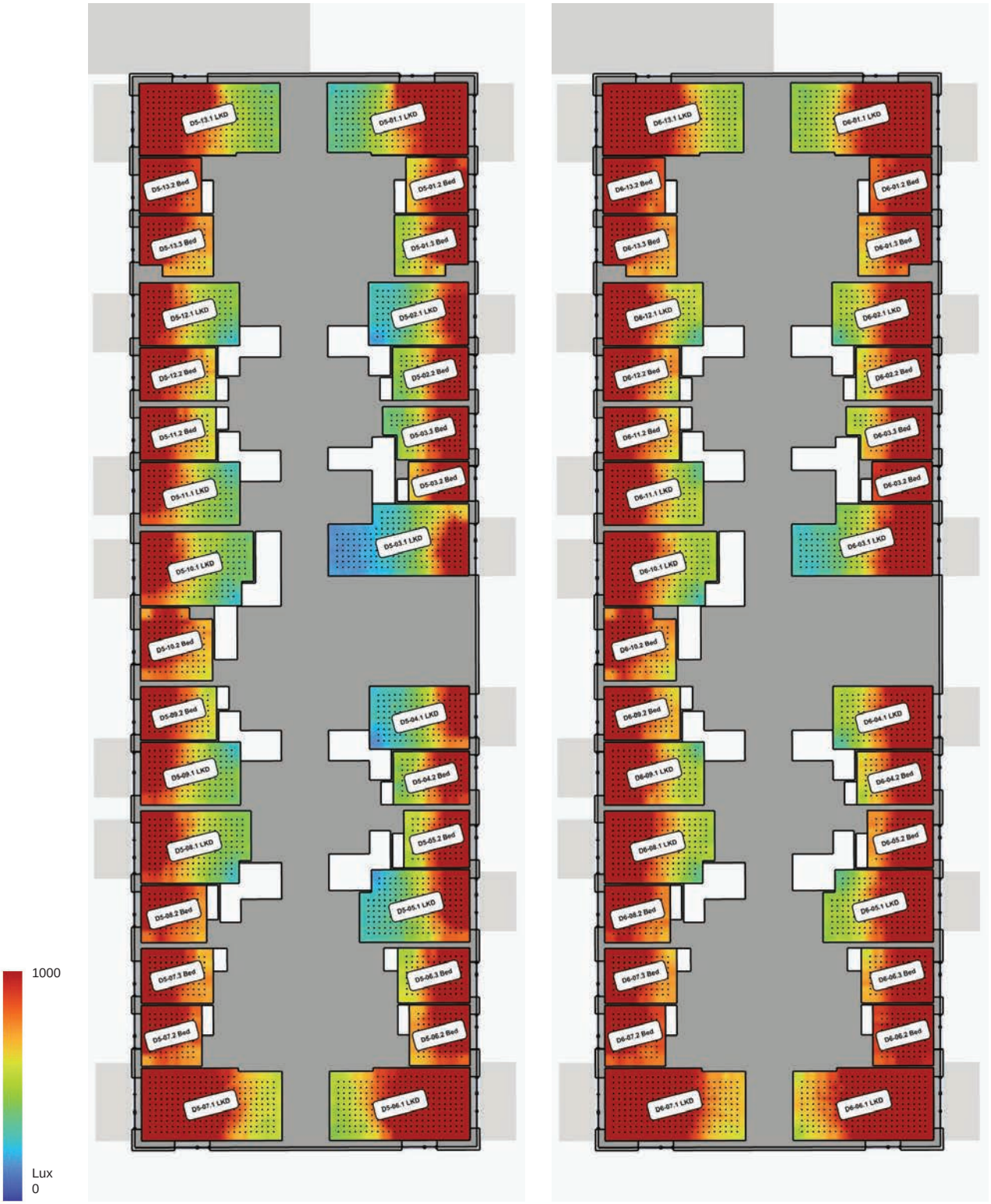



**Figure 54: Block D - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

## Block D - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D0-01.1 | LKD | 32.2 | 297 | Minimum | 51.3% | 27.2% | 5.0% | Minimum | 59.9% | 6.5% | 1.1% |
| D0-01.2 | Bed | 12.8 | 104 | Fail | 33.8% | 11.6% | 4.1% | Minimum | 60.8% | 16.9% | 3.7% |
| D0-01.3 | Bed | 13.6 | 117 | Fail | 30.1% | 6.6% | 2.5% | Minimum | 58.2% | 12.1% | 1.8% |
| D0-02.1 | LKD | 19.9 | 167 | Fail | 6.8% | 1.6% | 0.0% | Fail | 25.0% | 0.0% | 0.0% |
| D0-02.2 | Bed | 10.9 | 88 | Fail | 27.1% | 7.4% | 3.4% | Minimum | 55.6% | 12.7% | 2.7% |
| D0-03.1 | LKD | 19.9 | 167 | Fail | 7.4% | 1.6% | 0.3% | Fail | 24.9% | 0.5% | 0.0% |
| D0-03.2 | Bed | 10.9 | 88 | Fail | 28.0% | 7.4% | 2.6% | Minimum | 55.3% | 12.5% | 2.5% |
| D0-04.1 | LKD | 19.9 | 167 | Fail | 7.0% | 2.6% | 0.2% | Fail | 22.9% | 0.0% | 0.0% |
| D0-04.2 | Bed | 10.9 | 88 | Fail | 32.5% | 10.7% | 4.7% | Minimum | 57.5% | 16.4% | 4.0% |
| D0-05.1 | LKD | 22.6 | 201 | Fail | 23.9% | 6.6% | 3.5% | Fail | 43.1% | 4.8% | 0.6% |
| D0-05.2 | Bed | 11.7 | 88 | Fail | 34.9% | 10.6% | 3.9% | Minimum | 60.3% | 18.3% | 3.8% |
| D0-06.1 | LKD | 32.2 | 297 | Minimum | 62.4% | 47.7% | 35.0% | Minimum | 67.6% | 36.9% | 12.2% |
| D0-06.2 | Bed | 12.8 | 104 | Fail | 46.3% | 24.9% | 7.7% | Minimum | 67.2% | 29.3% | 8.2% |
| D0-06.3 | Bed | 13.6 | 117 | Fail | 44.2% | 22.9% | 7.2% | Minimum | 65.4% | 26.6% | 8.8% |
| D1-01.1 | LKD | 27.8 | 253 | Minimum | 65.2% | 47.6% | 28.4% | Minimum | 70.7% | 29.9% | 3.2% |
| D1-01.2 | Bed | 9.6 | 72 | Minimum | 53.5% | 33.7% | 15.4% | Minimum | 74.3% | 39.0% | 16.9% |
| D1-01.3 | Bed | 11.7 | 91 | Fail | 44.5% | 21.9% | 5.3% | Minimum | 68.6% | 28.4% | 5.0% |
| D1-02.1 | LKD | 17.4 | 144 | Fail | 26.7% | 5.1% | 2.2% | Fail | 45.0% | 1.7% | 0.0% |
| D1-02.2 | Bed | 11.2 | 96 | Fail | 36.6% | 17.1% | 4.8% | Minimum | 58.9% | 19.4% | 3.8% |
| D1-03.1 | LKD | 25.6 | 222 | Fail | 13.3% | 4.0% | 0.8% | Fail | 20.2% | 0.0% | 0.0% |
| D1-03.2 | Bed | 6.6 | 45 | Fail | 46.0% | 26.6% | 8.8% | Minimum | 68.8% | 30.5% | 8.9% |
| D1-03.3 | Bed | 11.7 | 98 | Fail | 38.1% | 17.9% | 4.2% | Minimum | 57.0% | 15.4% | 2.9% |
| D1-04.1 | LKD | 17.4 | 144 | Fail | 25.6% | 5.6% | 2.8% | Fail | 43.2% | 3.5% | 0.1% |
| D1-04.2 | Bed | 11.2 | 96 | Fail | 42.3% | 22.8% | 6.0% | Minimum | 60.8% | 22.5% | 4.5% |
| D1-05.1 | LKD | 21.2 | 190 | Fail | 37.3% | 14.4% | 5.8% | Minimum | 53.7% | 7.5% | 2.3% |
| D1-05.2 | Bed | 10.4 | 80 | Fail | 46.7% | 26.7% | 7.3% | Minimum | 66.3% | 29.6% | 5.3% |
| D1-06.1 | LKD | 27.7 | 246 | Medium | 72.0% | 58.8% | 47.1% | Minimum | 77.0% | 49.6% | 33.7% |
| D1-06.2 | Bed | 10.2 | 81 | Minimum | 60.5% | 44.8% | 27.4% | Minimum | 77.4% | 48.4% | 29.1% |
| D1-06.3 | Bed | 10.9 | 88 | Minimum | 56.3% | 40.3% | 22.9% | Minimum | 73.7% | 41.7% | 18.9% |
| D1-07.1 | LKD | 27.7 | 246 | High | 75.2% | 62.4% | 50.4% | Medium | 80.7% | 54.5% | 36.7% |
| D1-07.2 | Bed | 10.2 | 81 | Medium | 75.8% | 60.8% | 43.9% | High | 87.1% | 69.3% | 50.5% |
| D1-07.3 | Bed | 10.9 | 88 | Medium | 76.4% | 61.5% | 45.0% | Medium | 85.8% | 64.6% | 44.3% |
| D1-08.1 | LKD | 21.2 | 190 | Minimum | 63.3% | 42.7% | 23.4% | Minimum | 78.4% | 44.5% | 20.0% |
| D1-08.2 | Bed | 10.4 | 80 | Medium | 75.0% | 60.1% | 43.0% | Medium | 86.5% | 66.6% | 46.8% |
| D1-09.1 | LKD | 17.4 | 144 | Minimum | 63.4% | 42.5% | 22.4% | Minimum | 77.6% | 40.8% | 17.2% |
| D1-09.2 | Bed | 11.2 | 96 | Medium | 73.9% | 57.9% | 39.0% | Medium | 84.3% | 60.1% | 36.5% |
| D1-10.1 | LKD | 17.4 | 144 | Minimum | 63.4% | 42.0% | 22.4% | Minimum | 78.0% | 42.3% | 17.7% |
| D1-10.2 | Bed | 11.2 | 96 | Medium | 73.7% | 57.8% | 38.7% | Medium | 85.0% | 62.3% | 39.9% |
| D1-11.1 | LKD | 17.4 | 144 | Minimum | 64.4% | 43.7% | 24.1% | Minimum | 78.2% | 43.2% | 19.2% |
| D1-11.2 | Bed | 11.2 | 96 | Medium | 73.4% | 57.5% | 38.9% | Medium | 84.4% | 61.1% | 38.5% |
| D1-12.1 | LKD | 27.8 | 253 | Medium | 71.4% | 57.0% | 41.3% | Medium | 79.9% | 51.0% | 23.4% |
| D1-12.2 | Bed | 9.6 | 72 | Medium | 77.3% | 64.5% | 48.0% | High | 87.1% | 69.7% | 51.4% |
| D1-12.3 | Bed | 11.7 | 91 | Medium | 72.7% | 56.5% | 37.2% | Medium | 85.7% | 64.5% | 43.7% |
| D2-01.1 | LKD | 27.8 | 253 | Medium | 67.2% | 51.4% | 33.9% | Minimum | 73.1% | 34.6% | 6.1% |
| D2-01.2 | Bed | 9.6 | 72 | Minimum | 58.0% | 39.2% | 21.2% | Minimum | 77.0% | 44.9% | 21.5% |
| D2-01.3 | Bed | 11.7 | 91 | Fail | 47.9% | 25.9% | 7.0% | Minimum | 72.1% | 33.7% | 9.7% |
| D2-02.1 | LKD | 17.4 | 144 | Fail | 34.3% | 8.2% | 3.9% | Minimum | 51.3% | 4.3% | 0.0% |
| D2-02.2 | Bed | 11.2 | 96 | Fail | 44.3% | 23.7% | 6.6% | Minimum | 63.1% | 23.9% | 5.0% |
| D2-03.1 | LKD | 25.6 | 222 | Fail | 20.1% | 5.0% | 2.1% | Fail | 27.9% | 0.2% | 0.0% |
| D2-03.2 | Bed | 6.6 | 45 | Minimum | 54.3% | 34.1% | 16.8% | Minimum | 73.2% | 37.4% | 15.3% |

## Block D - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D2-03.3 | Bed | 11.7 | 98 | Fail | 43.2% | 23.2% | 6.2% | Minimum | 60.7% | 20.3% | 4.0% |
| D2-04.1 | LKD | 17.4 | 144 | Fail | 32.3% | 8.4% | 4.7% | Fail | 47.7% | 4.6% | 0.2% |
| D2-04.2 | Bed | 11.2 | 96 | Fail | 46.7% | 27.8% | 9.2% | Minimum | 64.4% | 27.4% | 6.4% |
| D2-05.1 | LKD | 21.2 | 190 | Fail | 41.2% | 19.2% | 6.7% | Minimum | 55.8% | 10.3% | 3.2% |
| D2-05.2 | Bed | 10.4 | 80 | Minimum | 52.1% | 33.6% | 12.9% | Minimum | 70.2% | 35.9% | 10.0% |
| D2-06.1 | LKD | 27.7 | 246 | Medium | 73.8% | 61.3% | 49.7% | Medium | 77.9% | 51.6% | 35.8% |
| D2-06.2 | Bed | 10.2 | 81 | Minimum | 63.8% | 48.6% | 32.0% | Medium | 78.9% | 51.3% | 33.2% |
| D2-06.3 | Bed | 10.9 | 88 | Minimum | 58.8% | 43.0% | 25.6% | Minimum | 76.2% | 46.1% | 24.8% |
| D2-07.1 | LKD | 27.7 | 246 | High | 77.2% | 65.9% | 54.9% | Medium | 82.0% | 58.9% | 41.6% |
| D2-07.2 | Bed | 10.2 | 81 | Medium | 77.2% | 63.9% | 48.2% | High | 87.6% | 71.3% | 54.5% |
| D2-07.3 | Bed | 10.9 | 88 | Medium | 77.2% | 63.9% | 48.1% | Medium | 86.6% | 67.6% | 50.0% |
| D2-08.1 | LKD | 21.2 | 190 | Minimum | 65.3% | 46.6% | 27.0% | Minimum | 79.2% | 47.5% | 22.7% |
| D2-08.2 | Bed | 10.4 | 80 | Medium | 76.5% | 62.7% | 46.6% | High | 87.0% | 69.0% | 50.7% |
| D2-09.1 | LKD | 17.4 | 144 | Minimum | 64.7% | 45.8% | 25.4% | Minimum | 78.7% | 46.6% | 20.8% |
| D2-09.2 | Bed | 11.2 | 96 | Medium | 74.9% | 59.8% | 42.9% | Medium | 85.4% | 63.8% | 43.4% |
| D2-10.1 | LKD | 22.4 | 190 | Minimum | 64.1% | 44.5% | 24.9% | Minimum | 78.2% | 45.2% | 20.5% |
| D2-10.2 | Bed | 13.8 | 113 | Medium | 73.4% | 57.6% | 40.6% | Medium | 86.2% | 66.0% | 46.5% |
| D2-11.1 | LKD | 17.4 | 144 | Minimum | 64.9% | 45.7% | 25.3% | Minimum | 78.4% | 45.5% | 20.7% |
| D2-11.2 | Bed | 11.2 | 96 | Medium | 75.8% | 61.1% | 44.6% | Medium | 85.2% | 63.3% | 43.3% |
| D2-12.1 | LKD | 17.4 | 144 | Minimum | 65.6% | 46.9% | 26.5% | Minimum | 79.2% | 47.6% | 22.1% |
| D2-12.2 | Bed | 11.2 | 96 | Medium | 74.9% | 60.5% | 43.6% | Medium | 85.1% | 63.0% | 42.7% |
| D2-13.1 | LKD | 27.8 | 253 | Medium | 73.9% | 59.6% | 45.3% | Medium | 80.7% | 53.8% | 29.3% |
| D2-13.2 | Bed | 9.6 | 72 | Medium | 77.6% | 65.4% | 49.9% | High | 87.2% | 70.5% | 54.1% |
| D2-13.3 | Bed | 11.7 | 91 | Medium | 74.8% | 60.3% | 43.4% | Medium | 86.4% | 66.5% | 47.8% |
| D3-01.1 | LKD | 27.8 | 253 | Medium | 69.3% | 54.5% | 36.7% | Minimum | 75.3% | 39.9% | 8.9% |
| D3-01.2 | Bed | 9.6 | 72 | Minimum | 64.7% | 48.6% | 31.0% | Minimum | 78.4% | 49.4% | 28.1% |
| D3-01.3 | Bed | 11.7 | 91 | Minimum | 55.4% | 35.7% | 16.3% | Minimum | 75.6% | 41.6% | 16.7% |
| D3-02.1 | LKD | 17.4 | 144 | Fail | 40.5% | 16.6% | 5.3% | Minimum | 56.9% | 8.2% | 1.5% |
| D3-02.2 | Bed | 11.2 | 96 | Minimum | 51.0% | 32.6% | 14.0% | Minimum | 68.8% | 32.2% | 9.2% |
| D3-03.1 | LKD | 25.6 | 222 | Fail | 27.6% | 6.5% | 3.9% | Fail | 35.4% | 1.7% | 0.0% |
| D3-03.2 | Bed | 6.6 | 45 | Minimum | 63.9% | 48.6% | 32.2% | Minimum | 77.2% | 46.1% | 25.0% |
| D3-03.3 | Bed | 11.7 | 98 | Minimum | 53.1% | 33.9% | 14.8% | Minimum | 65.7% | 28.0% | 5.8% |
| D3-04.1 | LKD | 17.4 | 144 | Fail | 38.7% | 14.2% | 5.8% | Minimum | 54.2% | 6.7% | 1.6% |
| D3-04.2 | Bed | 11.2 | 96 | Minimum | 54.2% | 37.1% | 17.0% | Minimum | 70.0% | 36.0% | 11.4% |
| D3-05.1 | LKD | 21.2 | 190 | Fail | 46.4% | 26.0% | 8.1% | Minimum | 60.3% | 17.2% | 4.6% |
| D3-05.2 | Bed | 10.4 | 80 | Minimum | 59.5% | 43.1% | 23.2% | Minimum | 75.0% | 43.5% | 18.0% |
| D3-06.1 | LKD | 27.7 | 246 | High | 75.3% | 63.4% | 51.9% | Medium | 79.0% | 53.3% | 39.3% |
| D3-06.2 | Bed | 10.2 | 81 | Medium | 67.3% | 53.2% | 38.6% | Medium | 80.9% | 56.3% | 38.0% |
| D3-06.3 | Bed | 10.9 | 88 | Minimum | 63.4% | 48.3% | 32.7% | Medium | 78.1% | 50.2% | 29.6% |
| D3-07.1 | LKD | 27.7 | 246 | High | 78.0% | 67.4% | 56.6% | Medium | 82.7% | 61.0% | 44.4% |
| D3-07.2 | Bed | 10.2 | 81 | Medium | 77.7% | 65.1% | 50.0% | High | 87.8% | 72.3% | 56.0% |
| D3-07.3 | Bed | 10.9 | 88 | Medium | 77.0% | 63.5% | 48.2% | High | 86.6% | 67.8% | 50.3% |
| D3-08.1 | LKD | 21.2 | 190 | Minimum | 65.4% | 47.7% | 28.0% | Minimum | 79.7% | 49.5% | 24.5% |
| D3-08.2 | Bed | 10.4 | 80 | Medium | 77.3% | 64.2% | 48.6% | High | 87.3% | 70.4% | 53.6% |
| D3-09.1 | LKD | 17.4 | 144 | Minimum | 66.1% | 47.7% | 27.5% | Minimum | 79.2% | 47.7% | 22.2% |
| D3-09.2 | Bed | 11.2 | 96 | Medium | 75.6% | 61.3% | 45.7% | Medium | 85.8% | 65.0% | 45.8% |
| D3-10.1 | LKD | 22.4 | 190 | Minimum | 64.5% | 45.7% | 25.8% | Minimum | 78.8% | 47.0% | 21.3% |
| D3-10.2 | Bed | 13.8 | 113 | Medium | 74.1% | 59.4% | 43.1% | Medium | 86.5% | 67.1% | 48.5% |
| D3-11.1 | LKD | 17.4 | 144 | Minimum | 65.9% | 47.4% | 27.1% | Minimum | 79.4% | 48.5% | 22.4% |
| D3-11.2 | Bed | 11.2 | 96 | Medium | 75.7% | 61.3% | 45.3% | Medium | 85.8% | 64.9% | 45.9% |

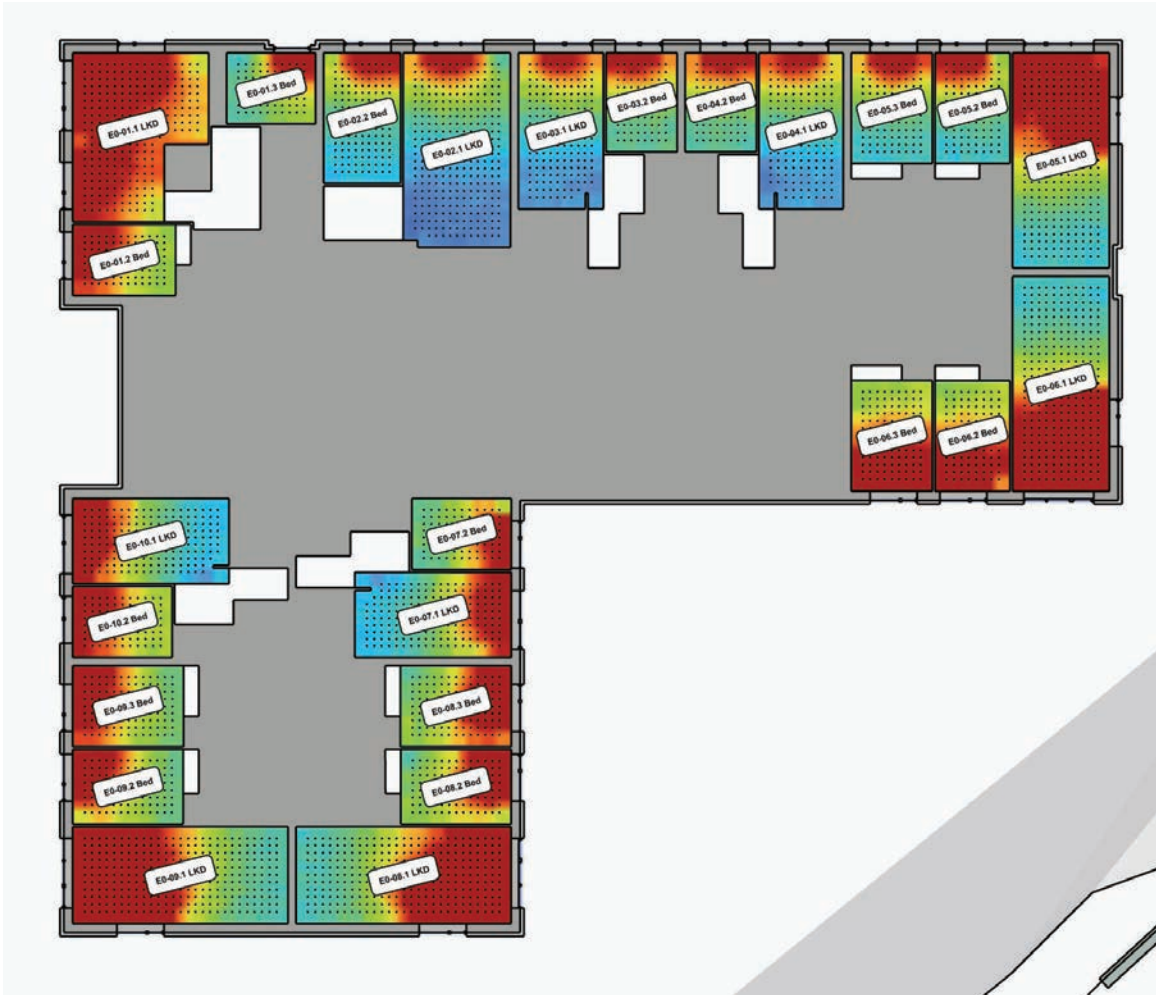
## Block D - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D3-12.1 | LKD | 17.4 | 144 | Minimum | 66.4% | 48.6% | 28.3% | Minimum | 79.4% | 48.6% | 23.5% |
| D3-12.2 | Bed | 11.2 | 96 | Medium | 76.2% | 61.8% | 45.9% | Medium | 86.1% | 65.9% | 47.0% |
| D3-13.1 | LKD | 27.8 | 253 | Medium | 74.3% | 60.6% | 46.0% | Medium | 81.0% | 55.0% | 31.9% |
| D3-13.2 | Bed | 9.6 | 72 | High | 78.2% | 66.4% | 52.1% | High | 87.4% | 71.4% | 55.3% |
| D3-13.3 | Bed | 11.7 | 91 | Medium | 74.5% | 59.9% | 44.1% | Medium | 86.6% | 67.4% | 49.3% |
| D4-01.1 | LKD | 27.8 | 253 | Medium | 71.7% | 57.5% | 42.3% | Minimum | 77.1% | 44.5% | 16.4% |
| D4-01.2 | Bed | 9.6 | 72 | Medium | 69.1% | 55.0% | 40.7% | Medium | 80.5% | 55.7% | 36.1% |
| D4-01.3 | Bed | 11.7 | 91 | Minimum | 62.2% | 45.8% | 25.4% | Minimum | 78.1% | 48.2% | 25.2% |
| D4-02.1 | LKD | 17.4 | 144 | Fail | 49.2% | 26.9% | 7.5% | Minimum | 62.8% | 18.9% | 3.9% |
| D4-02.2 | Bed | 11.2 | 96 | Minimum | 61.0% | 46.6% | 27.9% | Minimum | 74.4% | 42.1% | 18.1% |
| D4-03.1 | LKD | 25.6 | 222 | Fail | 38.2% | 12.4% | 5.5% | Fail | 45.9% | 4.7% | 0.0% |
| D4-03.2 | Bed | 6.6 | 45 | Medium | 72.8% | 58.0% | 44.7% | Medium | 81.0% | 55.9% | 37.2% |
| D4-03.3 | Bed | 11.7 | 98 | Minimum | 61.7% | 46.0% | 27.4% | Minimum | 72.4% | 38.4% | 14.1% |
| D4-04.1 | LKD | 17.4 | 144 | Fail | 48.2% | 26.3% | 7.7% | Minimum | 60.4% | 17.1% | 4.7% |
| D4-04.2 | Bed | 11.2 | 96 | Minimum | 61.8% | 47.8% | 29.8% | Minimum | 74.4% | 43.7% | 18.6% |
| D4-05.1 | LKD | 21.2 | 190 | Minimum | 51.9% | 32.4% | 10.0% | Minimum | 64.9% | 26.1% | 6.0% |
| D4-05.2 | Bed | 10.4 | 80 | Medium | 65.6% | 51.4% | 36.3% | Medium | 78.1% | 50.2% | 27.7% |
| D4-06.1 | LKD | 27.7 | 246 | High | 76.9% | 65.7% | 55.0% | Medium | 80.2% | 55.9% | 41.7% |
| D4-06.2 | Bed | 10.2 | 81 | Medium | 71.7% | 58.2% | 44.6% | Medium | 82.1% | 59.6% | 43.7% |
| D4-06.3 | Bed | 10.9 | 88 | Medium | 69.0% | 55.3% | 42.3% | Medium | 79.9% | 53.3% | 35.1% |
| D4-07.1 | LKD | 27.7 | 246 | High | 78.6% | 68.3% | 58.0% | Medium | 82.9% | 61.9% | 46.1% |
| D4-07.2 | Bed | 10.2 | 81 | High | 77.8% | 65.2% | 50.3% | High | 87.9% | 72.9% | 57.0% |
| D4-07.3 | Bed | 10.9 | 88 | High | 77.8% | 65.6% | 50.8% | High | 86.9% | 68.7% | 51.5% |
| D4-08.1 | LKD | 21.2 | 190 | Minimum | 66.4% | 48.9% | 29.0% | Medium | 79.8% | 50.8% | 25.8% |
| D4-08.2 | Bed | 10.4 | 80 | High | 77.6% | 65.3% | 50.1% | High | 87.2% | 70.3% | 53.9% |
| D4-09.1 | LKD | 17.4 | 144 | Minimum | 66.6% | 48.9% | 28.4% | Medium | 79.9% | 50.3% | 24.8% |
| D4-09.2 | Bed | 11.2 | 96 | Medium | 75.8% | 61.6% | 46.1% | Medium | 86.0% | 65.6% | 46.9% |
| D4-10.1 | LKD | 22.4 | 190 | Minimum | 64.9% | 46.2% | 26.3% | Minimum | 78.4% | 46.9% | 20.8% |
| D4-10.2 | Bed | 13.8 | 113 | Medium | 74.9% | 60.8% | 45.0% | High | 86.8% | 68.2% | 50.3% |
| D4-11.1 | LKD | 17.4 | 144 | Minimum | 66.3% | 48.9% | 28.0% | Minimum | 79.6% | 49.2% | 23.8% |
| D4-11.2 | Bed | 11.2 | 96 | Medium | 76.2% | 62.1% | 46.4% | Medium | 86.0% | 65.8% | 47.2% |
| D4-12.1 | LKD | 17.4 | 144 | Minimum | 66.9% | 49.9% | 29.3% | Medium | 80.3% | 51.6% | 26.0% |
| D4-12.2 | Bed | 11.2 | 96 | Medium | 76.4% | 62.6% | 46.8% | Medium | 86.0% | 65.8% | 47.3% |
| D4-13.1 | LKD | 27.8 | 253 | Medium | 75.6% | 61.9% | 48.3% | Medium | 81.4% | 55.9% | 33.7% |
| D4-13.2 | Bed | 9.6 | 72 | High | 78.2% | 66.6% | 52.4% | High | 87.4% | 71.6% | 55.6% |
| D4-13.3 | Bed | 11.7 | 91 | Medium | 75.2% | 61.3% | 45.6% | High | 86.7% | 68.2% | 50.4% |
| D5-01.1 | LKD | 27.8 | 253 | Medium | 73.8% | 60.1% | 46.0% | Minimum | 78.4% | 48.9% | 23.7% |
| D5-01.2 | Bed | 9.6 | 72 | Medium | 75.0% | 61.9% | 49.4% | Medium | 83.9% | 63.2% | 47.2% |
| D5-01.3 | Bed | 11.7 | 91 | Medium | 68.4% | 53.9% | 38.9% | Medium | 81.5% | 57.0% | 37.2% |
| D5-02.1 | LKD | 17.4 | 144 | Minimum | 58.7% | 41.1% | 19.4% | Minimum | 69.6% | 33.7% | 7.1% |
| D5-02.2 | Bed | 11.2 | 96 | Medium | 68.7% | 54.3% | 40.0% | Medium | 79.2% | 51.8% | 31.8% |
| D5-03.1 | LKD | 25.6 | 222 | Fail | 49.6% | 27.9% | 8.5% | Minimum | 56.7% | 7.5% | 2.3% |
| D5-03.2 | Bed | 6.6 | 45 | High | 77.3% | 64.9% | 52.1% | Medium | 84.4% | 64.4% | 48.9% |
| D5-03.3 | Bed | 11.7 | 98 | Medium | 68.7% | 54.0% | 40.5% | Minimum | 78.1% | 49.9% | 26.5% |
| D5-04.1 | LKD | 17.4 | 144 | Minimum | 55.9% | 38.7% | 17.0% | Minimum | 67.3% | 29.7% | 6.5% |
| D5-04.2 | Bed | 11.2 | 96 | Medium | 68.2% | 54.1% | 41.3% | Medium | 79.2% | 52.5% | 32.0% |
| D5-05.1 | LKD | 21.2 | 190 | Minimum | 59.3% | 43.2% | 23.4% | Minimum | 70.5% | 37.4% | 8.3% |
| D5-05.2 | Bed | 10.4 | 80 | Medium | 72.4% | 58.4% | 45.6% | Medium | 82.6% | 58.9% | 42.3% |
| D5-06.1 | LKD | 27.7 | 246 | High | 78.2% | 67.2% | 57.4% | Medium | 81.0% | 58.0% | 43.8% |
| D5-06.2 | Bed | 10.2 | 81 | High | 75.8% | 62.9% | 50.5% | High | 84.8% | 66.5% | 51.3% |

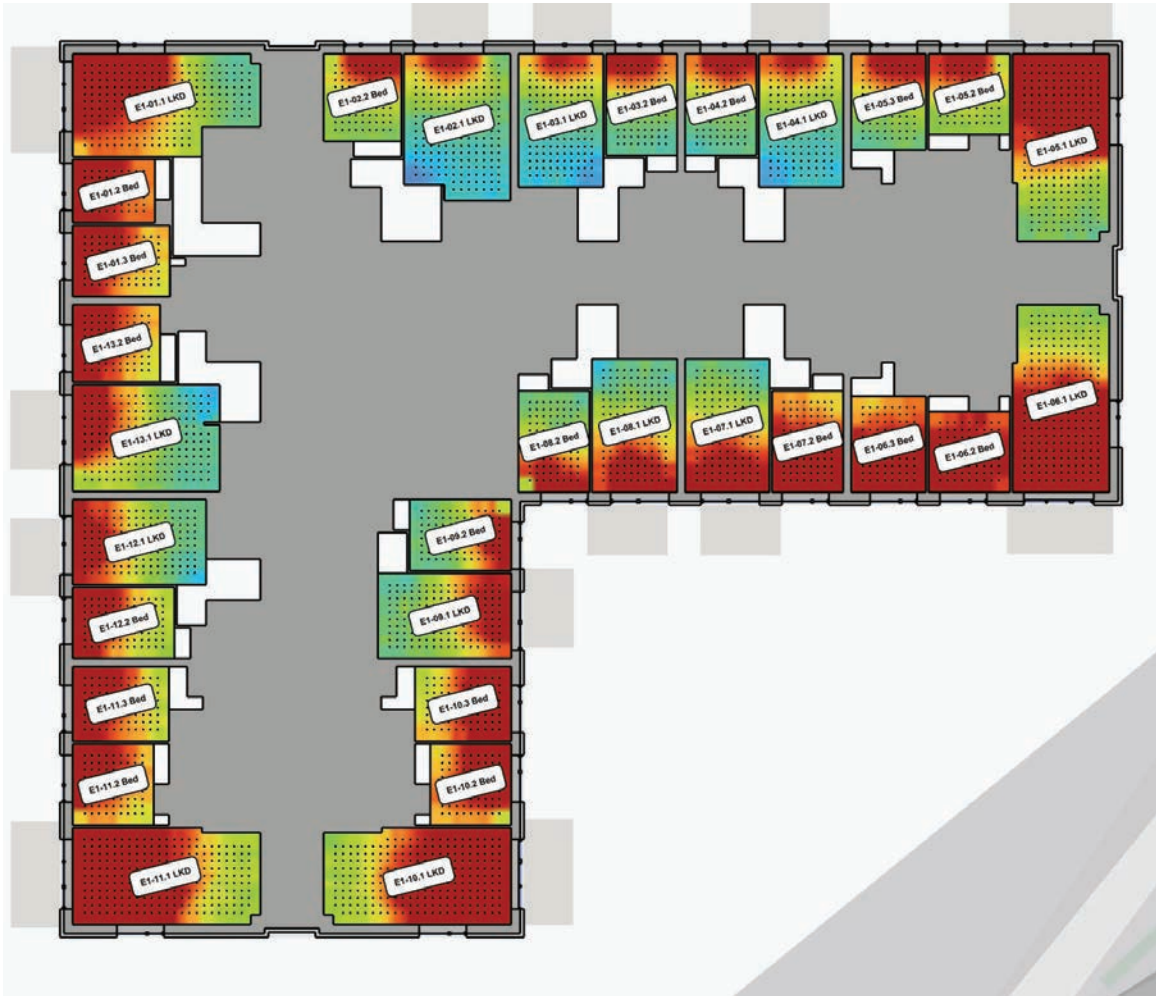
| Block D - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
| D5-06.3 | Bed | 10.9 | 88 | Medium | 73.8% | 60.0% | 48.4% | Medium | 82.2% | 60.1% | 44.2% |
| D5-07.1 | LKD | 27.7 | 246 | High | 79.5% | 69.5% | 59.5% | Medium | 83.2% | 63.2% | 48.3% |
| D5-07.2 | Bed | 10.2 | 81 | High | 78.2% | 66.2% | 52.1% | High | 87.9% | 73.0% | 57.2% |
| D5-07.3 | Bed | 10.9 | 88 | High | 77.9% | 65.9% | 51.4% | High | 87.1% | 69.8% | 53.3% |
| D5-08.1 | LKD | 21.2 | 190 | Medium | 67.2% | 50.4% | 31.5% | Medium | 80.5% | 52.2% | 27.3% |
| D5-08.2 | Bed | 10.4 | 80 | High | 77.5% | 65.0% | 50.2% | High | 87.3% | 70.7% | 54.5% |
| D5-09.1 | LKD | 17.4 | 144 | Medium | 67.2% | 50.4% | 30.1% | Medium | 79.7% | 50.3% | 24.7% |
| D5-09.2 | Bed | 11.2 | 96 | Medium | 76.5% | 62.4% | 47.0% | Medium | 86.0% | 65.8% | 47.5% |
| D5-10.1 | LKD | 22.4 | 190 | Minimum | 65.3% | 47.7% | 27.6% | Minimum | 79.3% | 49.2% | 23.5% |
| D5-10.2 | Bed | 13.8 | 113 | Medium | 75.5% | 61.6% | 46.1% | High | 86.7% | 68.2% | 50.6% |
| D5-11.1 | LKD | 17.4 | 144 | Medium | 67.2% | 50.1% | 29.9% | Medium | 79.8% | 50.1% | 24.8% |
| D5-11.2 | Bed | 11.2 | 96 | Medium | 76.9% | 63.4% | 47.8% | Medium | 85.9% | 65.5% | 47.1% |
| D5-12.1 | LKD | 17.4 | 144 | Medium | 68.5% | 51.7% | 33.1% | Medium | 80.2% | 51.1% | 25.4% |
| D5-12.2 | Bed | 11.2 | 96 | Medium | 77.0% | 63.7% | 48.3% | Medium | 86.4% | 66.6% | 48.8% |
| D5-13.1 | LKD | 27.8 | 253 | High | 77.0% | 64.1% | 50.9% | Medium | 82.0% | 57.9% | 36.6% |
| D5-13.2 | Bed | 9.6 | 72 | High | 78.6% | 67.4% | 53.8% | High | 87.9% | 73.2% | 57.8% |
| D5-13.3 | Bed | 11.7 | 91 | Medium | 75.8% | 62.0% | 46.5% | High | 87.0% | 69.0% | 51.8% |
| D6-01.1 | LKD | 27.8 | 253 | High | 78.9% | 67.7% | 56.0% | Medium | 82.5% | 58.7% | 38.8% |
| D6-01.2 | Bed | 9.6 | 72 | High | 77.5% | 65.7% | 53.8% | High | 86.2% | 69.3% | 54.8% |
| D6-01.3 | Bed | 11.7 | 91 | Medium | 73.3% | 60.3% | 46.9% | Medium | 84.5% | 65.0% | 49.2% |
| D6-02.1 | LKD | 17.4 | 144 | Medium | 72.1% | 58.2% | 44.3% | Medium | 80.4% | 53.8% | 33.2% |
| D6-02.2 | Bed | 11.2 | 96 | High | 75.7% | 63.1% | 50.4% | Medium | 83.5% | 62.8% | 46.8% |
| D6-03.1 | LKD | 25.6 | 222 | Medium | 66.0% | 50.6% | 31.9% | Minimum | 71.0% | 34.9% | 11.8% |
| D6-03.2 | Bed | 6.6 | 45 | High | 80.6% | 71.5% | 60.9% | High | 87.6% | 74.1% | 60.1% |
| D6-03.3 | Bed | 11.7 | 98 | Medium | 75.3% | 62.3% | 49.7% | Medium | 82.6% | 60.4% | 42.7% |
| D6-04.1 | LKD | 17.4 | 144 | Medium | 72.2% | 58.1% | 44.8% | Medium | 80.3% | 53.7% | 32.9% |
| D6-04.2 | Bed | 11.2 | 96 | Medium | 75.0% | 62.4% | 49.8% | Medium | 83.3% | 62.3% | 46.1% |
| D6-05.1 | LKD | 21.2 | 190 | Medium | 72.9% | 58.9% | 45.2% | Medium | 80.4% | 54.0% | 33.4% |
| D6-05.2 | Bed | 10.4 | 80 | High | 77.5% | 65.9% | 53.8% | High | 85.2% | 67.3% | 52.2% |
| D6-06.1 | LKD | 27.7 | 246 | High | 81.3% | 73.4% | 63.3% | High | 84.0% | 64.7% | 51.6% |
| D6-06.2 | Bed | 10.2 | 81 | High | 78.4% | 67.2% | 55.5% | High | 86.7% | 71.6% | 57.9% |
| D6-06.3 | Bed | 10.9 | 88 | High | 77.1% | 64.6% | 52.3% | High | 84.6% | 66.3% | 51.3% |
| D6-07.1 | LKD | 27.7 | 246 | High | 81.4% | 73.3% | 63.3% | High | 85.2% | 66.6% | 52.9% |
| D6-07.2 | Bed | 10.2 | 81 | High | 78.7% | 67.3% | 53.8% | High | 88.1% | 74.0% | 59.2% |
| D6-07.3 | Bed | 10.9 | 88 | High | 78.2% | 66.4% | 52.7% | High | 87.1% | 70.0% | 53.8% |
| D6-08.1 | LKD | 21.2 | 190 | Medium | 74.3% | 60.3% | 44.2% | Medium | 83.0% | 58.4% | 36.3% |
| D6-08.2 | Bed | 10.4 | 80 | High | 78.6% | 66.9% | 53.4% | High | 87.4% | 71.2% | 55.1% |
| D6-09.1 | LKD | 17.4 | 144 | Medium | 74.2% | 59.7% | 43.9% | Medium | 82.6% | 57.7% | 36.2% |
| D6-09.2 | Bed | 11.2 | 96 | High | 77.7% | 65.4% | 50.3% | High | 86.6% | 68.3% | 51.2% |
| D6-10.1 | LKD | 22.4 | 190 | Medium | 72.5% | 57.1% | 40.6% | Medium | 82.3% | 56.2% | 33.7% |
| D6-10.2 | Bed | 13.8 | 113 | Medium | 75.9% | 62.5% | 46.9% | High | 87.0% | 69.2% | 52.3% |
| D6-11.1 | LKD | 17.4 | 144 | Medium | 73.8% | 59.2% | 42.9% | Medium | 83.0% | 57.5% | 35.5% |
| D6-11.2 | Bed | 11.2 | 96 | High | 77.5% | 65.1% | 50.4% | High | 86.5% | 67.2% | 50.1% |
| D6-12.1 | LKD | 17.4 | 144 | Medium | 74.3% | 60.4% | 44.2% | Medium | 83.4% | 59.5% | 37.5% |
| D6-12.2 | Bed | 11.2 | 96 | Medium | 77.4% | 64.6% | 49.9% | High | 86.6% | 68.0% | 50.7% |
| D6-13.1 | LKD | 27.8 | 253 | High | 79.6% | 69.7% | 57.2% | Medium | 84.5% | 62.4% | 43.6% |
| D6-13.2 | Bed | 9.6 | 72 | High | 79.2% | 68.7% | 55.4% | High | 87.9% | 73.7% | 58.5% |
| D6-13.3 | Bed | 11.7 | 91 | Medium | 76.0% | 62.6% | 47.3% | High | 87.0% | 69.5% | 52.8% |

**Table 18: Daylight provision individual values for all habitable rooms to IS EN 17037:2018+A1:2021**

**Block E**



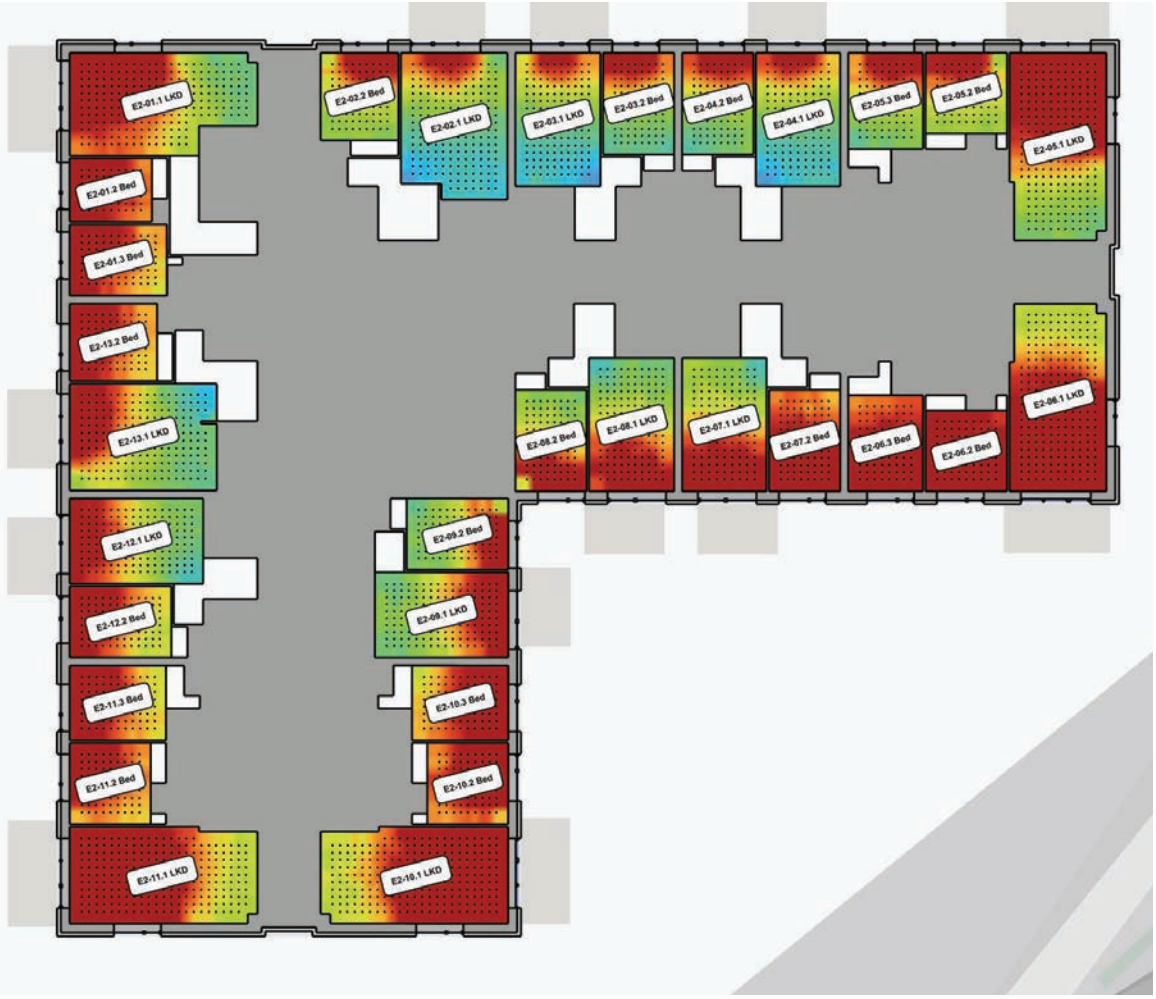

**Ground Floor**




**First Floor**

**Figure 55: Block E - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

**Block E**




**Second Floor**


**Third Floor**

**Figure 56: Block E - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**


**Figure 57: Block E - Daylight Provision and Annual Average Illuminance to all Habitable Rooms**

## Block E - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E0-01.1 | LKD | 30.3 | 271 | High | 79.1% | 68.6% | 55.1% | High | 87.6% | 71.3% | 55.5% |
| E0-01.2 | Bed | 11.3 | 96 | Medium | 70.9% | 53.8% | 34.6% | Medium | 81.1% | 52.8% | 29.7% |
| E0-01.3 | Bed | 9.8 | 80 | Minimum | 67.8% | 49.3% | 23.2% | Medium | 80.8% | 50.9% | 16.9% |
| E0-02.1 | LKD | 32.1 | 310 | Fail | 39.2% | 2.2% | 0.0% | Minimum | 54.0% | 0.0% | 0.0% |
| E0-02.2 | Bed | 15.6 | 144 | Minimum | 56.3% | 32.5% | 2.4% | Minimum | 74.7% | 32.2% | 0.9% |
| E0-03.1 | LKD | 20.5 | 185 | Fail | 48.8% | 16.7% | 0.0% | Minimum | 62.9% | 3.7% | 0.0% |
| E0-03.2 | Bed | 10.9 | 88 | Minimum | 65.8% | 47.6% | 22.4% | Medium | 79.7% | 50.5% | 20.2% |
| E0-04.1 | LKD | 20.3 | 167 | Fail | 49.2% | 17.6% | 0.0% | Minimum | 63.8% | 5.2% | 0.0% |
| E0-04.2 | Bed | 10.9 | 88 | Minimum | 65.8% | 47.7% | 21.7% | Medium | 80.0% | 50.7% | 17.5% |
| E0-05.1 | LKD | 32.2 | 297 | Medium | 69.7% | 54.6% | 36.4% | Minimum | 72.8% | 33.4% | 9.3% |
| E0-05.2 | Bed | 12.8 | 104 | Minimum | 63.4% | 43.6% | 13.6% | Minimum | 77.3% | 41.9% | 4.6% |
| E0-05.3 | Bed | 13.9 | 117 | Minimum | 62.1% | 41.8% | 9.4% | Minimum | 77.1% | 40.6% | 4.4% |
| E0-06.1 | LKD | 32.2 | 297 | Medium | 67.7% | 54.0% | 42.1% | Minimum | 69.3% | 38.2% | 11.4% |
| E0-06.2 | Bed | 12.8 | 104 | Medium | 66.1% | 52.5% | 38.8% | Minimum | 76.7% | 49.4% | 33.0% |
| E0-06.3 | Bed | 13.9 | 117 | Medium | 65.9% | 52.5% | 38.8% | Minimum | 76.2% | 48.6% | 33.2% |
| E0-07.1 | LKD | 20.5 | 185 | Fail | 46.6% | 26.9% | 14.6% | Minimum | 60.1% | 21.4% | 7.4% |
| E0-07.2 | Bed | 10.9 | 88 | Minimum | 53.7% | 35.6% | 20.2% | Minimum | 73.1% | 38.3% | 20.1% |
| E0-08.1 | LKD | 32.2 | 297 | Medium | 66.2% | 54.7% | 42.8% | Minimum | 69.6% | 39.7% | 13.2% |
| E0-08.2 | Bed | 12.8 | 104 | Minimum | 61.8% | 45.1% | 27.6% | Minimum | 77.7% | 46.7% | 25.6% |
| E0-08.3 | Bed | 13.9 | 117 | Minimum | 61.1% | 43.8% | 28.1% | Minimum | 76.3% | 43.2% | 23.4% |
| E0-09.1 | LKD | 32.2 | 297 | Medium | 68.9% | 55.7% | 43.9% | Minimum | 72.3% | 41.4% | 18.5% |
| E0-09.2 | Bed | 12.8 | 104 | Minimum | 66.6% | 47.9% | 28.3% | Minimum | 79.1% | 46.9% | 22.3% |
| E0-09.3 | Bed | 13.9 | 117 | Minimum | 65.6% | 46.7% | 27.3% | Minimum | 78.8% | 46.4% | 23.2% |
| E0-10.1 | LKD | 20.5 | 185 | Minimum | 52.1% | 27.7% | 11.8% | Minimum | 66.1% | 21.1% | 5.8% |
| E0-10.2 | Bed | 10.9 | 88 | Medium | 70.6% | 53.6% | 34.9% | Medium | 82.4% | 56.3% | 33.9% |
| E1-01.1 | LKD | 27.0 | 243 | Medium | 76.7% | 62.6% | 48.6% | Medium | 79.9% | 51.7% | 26.1% |
| E1-01.2 | Bed | 8.1 | 63 | High | 78.4% | 66.8% | 52.7% | High | 87.3% | 70.7% | 54.6% |
| E1-01.3 | Bed | 10.7 | 88 | Medium | 76.6% | 62.7% | 47.1% | Medium | 86.3% | 66.1% | 48.2% |
| E1-02.1 | LKD | 23.2 | 206 | Minimum | 57.1% | 34.2% | 3.9% | Minimum | 72.7% | 30.7% | 0.3% |
| E1-02.2 | Bed | 10.5 | 90 | Medium | 72.5% | 56.6% | 38.4% | Medium | 84.4% | 60.8% | 39.8% |
| E1-03.1 | LKD | 17.6 | 160 | Minimum | 56.7% | 33.3% | 4.6% | Minimum | 71.3% | 27.9% | 0.3% |
| E1-03.2 | Bed | 11.2 | 96 | Minimum | 66.8% | 49.3% | 27.3% | Medium | 79.5% | 50.1% | 22.1% |
| E1-04.1 | LKD | 17.4 | 144 | Minimum | 58.1% | 36.6% | 7.7% | Minimum | 72.1% | 30.6% | 0.4% |
| E1-04.2 | Bed | 11.2 | 96 | Medium | 68.2% | 51.2% | 28.7% | Medium | 79.8% | 50.2% | 22.5% |
| E1-05.1 | LKD | 27.5 | 245 | High | 77.7% | 65.4% | 52.4% | Medium | 80.7% | 54.1% | 32.0% |
| E1-05.2 | Bed | 10.2 | 81 | Medium | 73.8% | 58.2% | 40.7% | Medium | 85.0% | 62.9% | 43.2% |
| E1-05.3 | Bed | 11.1 | 88 | Medium | 70.7% | 54.8% | 35.4% | Medium | 81.9% | 55.8% | 32.2% |
| E1-06.1 | LKD | 27.5 | 245 | High | 77.7% | 66.6% | 55.7% | Medium | 80.5% | 56.5% | 42.8% |
| E1-06.2 | Bed | 10.2 | 81 | High | 75.5% | 64.4% | 53.1% | High | 85.6% | 67.5% | 53.7% |
| E1-06.3 | Bed | 11.1 | 88 | High | 74.5% | 62.7% | 51.2% | Medium | 83.0% | 62.6% | 47.3% |
| E1-07.1 | LKD | 17.4 | 144 | Minimum | 60.5% | 44.7% | 32.4% | Minimum | 73.2% | 42.1% | 23.4% |
| E1-07.2 | Bed | 11.2 | 96 | Medium | 72.6% | 59.9% | 48.2% | Medium | 82.3% | 60.4% | 45.3% |
| E1-08.1 | LKD | 17.6 | 160 | Minimum | 56.9% | 40.3% | 26.7% | Minimum | 70.0% | 37.3% | 17.6% |
| E1-08.2 | Bed | 11.2 | 96 | Minimum | 55.1% | 38.3% | 24.7% | Minimum | 73.2% | 40.6% | 23.9% |
| E1-09.1 | LKD | 17.6 | 160 | Minimum | 56.9% | 39.7% | 23.7% | Minimum | 75.1% | 41.5% | 21.2% |
| E1-09.2 | Bed | 11.2 | 96 | Minimum | 55.1% | 37.3% | 22.0% | Minimum | 74.7% | 40.5% | 21.3% |
| E1-10.1 | LKD | 27.5 | 245 | High | 76.8% | 65.5% | 55.9% | Medium | 80.6% | 57.0% | 43.6% |
| E1-10.2 | Bed | 10.2 | 81 | Medium | 73.3% | 59.3% | 45.3% | Medium | 84.3% | 63.9% | 47.4% |
| E1-10.3 | Bed | 11.1 | 88 | Medium | 72.9% | 58.4% | 44.3% | Medium | 82.5% | 58.8% | 40.4% |
| E1-11.1 | LKD | 27.5 | 245 | High | 77.7% | 67.2% | 56.3% | Medium | 81.2% | 58.1% | 42.4% |

## Block E - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule

| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E1-11.2 | Bed | 10.2 | 81 | Medium | 76.1% | 62.2% | 46.8% | High | 86.6% | 67.4% | 50.0% |
| E1-11.3 | Bed | 11.1 | 88 | Medium | 75.1% | 60.9% | 45.8% | Medium | 84.7% | 62.6% | 43.3% |
| E1-12.1 | LKD | 17.6 | 160 | Minimum | 64.0% | 45.3% | 25.1% | Minimum | 77.0% | 42.6% | 16.5% |
| E1-12.2 | Bed | 11.2 | 96 | Medium | 72.1% | 56.5% | 40.3% | Medium | 83.1% | 59.2% | 38.7% |
| E1-13.1 | LKD | 24.2 | 212 | Minimum | 61.6% | 41.4% | 20.6% | Minimum | 74.3% | 35.7% | 11.1% |
| E1-13.2 | Bed | 10.5 | 90 | Medium | 76.4% | 62.7% | 47.0% | Medium | 86.5% | 66.6% | 48.2% |
| E2-01.1 | LKD | 27.0 | 243 | High | 77.4% | 64.6% | 51.5% | Medium | 81.2% | 55.3% | 31.9% |
| E2-01.2 | Bed | 8.1 | 63 | High | 79.4% | 68.7% | 55.3% | High | 87.6% | 72.4% | 57.3% |
| E2-01.3 | Bed | 10.7 | 88 | Medium | 77.5% | 64.7% | 49.7% | High | 86.8% | 68.5% | 51.2% |
| E2-02.1 | LKD | 23.2 | 206 | Minimum | 58.6% | 37.3% | 6.8% | Minimum | 74.9% | 36.6% | 1.0% |
| E2-02.2 | Bed | 10.5 | 90 | Medium | 73.5% | 57.6% | 40.6% | Medium | 85.0% | 62.4% | 42.7% |
| E2-03.1 | LKD | 17.6 | 160 | Minimum | 59.7% | 39.3% | 11.8% | Minimum | 73.6% | 34.6% | 0.7% |
| E2-03.2 | Bed | 11.2 | 96 | Medium | 69.0% | 52.6% | 32.2% | Medium | 80.8% | 53.2% | 28.5% |
| E2-04.1 | LKD | 17.4 | 144 | Minimum | 60.0% | 40.5% | 12.7% | Minimum | 75.0% | 37.7% | 1.7% |
| E2-04.2 | Bed | 11.2 | 96 | Medium | 69.3% | 52.9% | 32.5% | Medium | 81.6% | 54.5% | 29.4% |
| E2-05.1 | LKD | 27.5 | 245 | High | 78.0% | 66.0% | 53.3% | Medium | 81.1% | 56.0% | 34.7% |
| E2-05.2 | Bed | 10.2 | 81 | Medium | 74.9% | 59.8% | 43.0% | Medium | 85.5% | 65.1% | 45.9% |
| E2-05.3 | Bed | 11.1 | 88 | Medium | 73.3% | 57.3% | 40.4% | Medium | 82.5% | 57.7% | 36.3% |
| E2-06.1 | LKD | 27.5 | 245 | High | 79.0% | 69.2% | 58.9% | Medium | 82.3% | 61.3% | 47.9% |
| E2-06.2 | Bed | 10.2 | 81 | High | 77.3% | 66.4% | 55.4% | High | 86.6% | 71.9% | 58.0% |
| E2-06.3 | Bed | 11.1 | 88 | High | 76.3% | 65.2% | 54.0% | High | 84.6% | 66.3% | 51.9% |
| E2-07.1 | LKD | 17.4 | 144 | Minimum | 63.5% | 48.5% | 37.0% | Minimum | 76.2% | 47.8% | 31.1% |
| E2-07.2 | Bed | 11.2 | 96 | High | 74.8% | 63.1% | 51.6% | High | 83.9% | 64.8% | 50.2% |
| E2-08.1 | LKD | 17.6 | 160 | Minimum | 60.5% | 43.9% | 31.2% | Minimum | 73.9% | 41.9% | 23.5% |
| E2-08.2 | Bed | 11.2 | 96 | Minimum | 60.5% | 43.5% | 31.2% | Minimum | 75.7% | 45.9% | 29.2% |
| E2-09.1 | LKD | 17.6 | 160 | Minimum | 61.8% | 45.9% | 29.7% | Minimum | 77.1% | 46.0% | 24.6% |
| E2-09.2 | Bed | 11.2 | 96 | Minimum | 58.1% | 41.2% | 25.8% | Minimum | 77.4% | 47.0% | 27.1% |
| E2-10.1 | LKD | 27.5 | 245 | High | 78.5% | 68.2% | 58.4% | Medium | 82.2% | 61.7% | 48.3% |
| E2-10.2 | Bed | 10.2 | 81 | High | 76.5% | 63.6% | 51.0% | High | 85.4% | 67.5% | 52.1% |
| E2-10.3 | Bed | 11.1 | 88 | Medium | 74.5% | 60.2% | 47.7% | Medium | 83.9% | 62.9% | 47.2% |
| E2-11.1 | LKD | 27.5 | 245 | High | 79.1% | 69.0% | 58.7% | Medium | 82.7% | 61.8% | 46.8% |
| E2-11.2 | Bed | 10.2 | 81 | High | 77.2% | 64.4% | 50.0% | High | 87.3% | 70.7% | 54.3% |
| E2-11.3 | Bed | 11.1 | 88 | Medium | 76.5% | 62.9% | 48.1% | Medium | 85.7% | 65.4% | 47.5% |
| E2-12.1 | LKD | 17.6 | 160 | Minimum | 65.3% | 48.3% | 28.2% | Minimum | 78.4% | 47.5% | 20.6% |
| E2-12.2 | Bed | 11.2 | 96 | Medium | 74.1% | 60.1% | 44.7% | Medium | 85.2% | 63.9% | 45.4% |
| E2-13.1 | LKD | 24.2 | 212 | Minimum | 63.4% | 44.5% | 22.7% | Minimum | 76.7% | 43.1% | 14.9% |
| E2-13.2 | Bed | 10.5 | 90 | Medium | 77.4% | 64.5% | 49.3% | High | 87.0% | 69.1% | 51.7% |
| E3-01.1 | LKD | 27.0 | 243 | High | 77.9% | 66.0% | 52.9% | Medium | 81.9% | 57.4% | 35.7% |
| E3-01.2 | Bed | 8.1 | 63 | High | 79.5% | 68.8% | 56.1% | High | 88.0% | 74.2% | 59.9% |
| E3-01.3 | Bed | 10.7 | 88 | High | 77.5% | 65.0% | 50.7% | High | 87.2% | 70.5% | 54.6% |
| E3-02.1 | LKD | 23.2 | 206 | Minimum | 59.7% | 39.4% | 9.8% | Minimum | 77.4% | 41.3% | 4.5% |
| E3-02.2 | Bed | 10.5 | 90 | Medium | 75.6% | 60.2% | 43.8% | Medium | 85.6% | 64.7% | 45.5% |
| E3-03.1 | LKD | 17.6 | 160 | Minimum | 61.3% | 41.6% | 13.4% | Minimum | 75.8% | 39.3% | 2.0% |
| E3-03.2 | Bed | 11.2 | 96 | Medium | 71.2% | 55.0% | 36.0% | Medium | 82.4% | 56.7% | 34.7% |
| E3-04.1 | LKD | 17.4 | 144 | Minimum | 62.2% | 43.2% | 16.4% | Minimum | 76.5% | 41.1% | 4.9% |
| E3-04.2 | Bed | 11.2 | 96 | Medium | 71.1% | 55.2% | 35.9% | Medium | 82.5% | 57.2% | 35.2% |
| E3-05.1 | LKD | 27.5 | 245 | High | 78.7% | 67.0% | 54.3% | Medium | 81.5% | 56.8% | 35.3% |
| E3-05.2 | Bed | 10.2 | 81 | Medium | 76.2% | 61.6% | 45.8% | Medium | 86.2% | 67.0% | 49.3% |
| E3-05.3 | Bed | 11.1 | 88 | Medium | 73.3% | 58.2% | 41.3% | Medium | 84.1% | 61.3% | 41.0% |
| E3-06.1 | LKD | 27.5 | 245 | High | 79.8% | 70.5% | 60.8% | High | 83.7% | 64.1% | 51.1% |

| Block E - IS EN 17037:2018+A1:2021 Daylight Provision Room Schedule | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Space ID | Description | Area m2 | Sensor Count | Target Illuminance | 300lux_50 | 500lux_50 | 750lux_50 | Minimum Target Illuminance | 100lux_95 | 300lux_95 | 500lux_95 |
| E3-06.2 | Bed | 10.2 | 81 | High | 78.5% | 68.2% | 58.0% | High | 87.2% | 73.9% | 61.2% |
| E3-06.3 | Bed | 11.1 | 88 | High | 77.7% | 67.1% | 56.1% | High | 85.7% | 68.4% | 54.5% |
| E3-07.1 | LKD | 17.4 | 144 | Medium | 66.7% | 52.8% | 41.2% | Medium | 78.8% | 52.1% | 36.3% |
| E3-07.2 | Bed | 11.2 | 96 | High | 75.9% | 64.8% | 53.4% | High | 85.2% | 67.5% | 53.4% |
| E3-08.1 | LKD | 17.6 | 160 | Minimum | 63.7% | 48.7% | 35.6% | Minimum | 76.8% | 47.7% | 30.5% |
| E3-08.2 | Bed | 11.2 | 96 | Minimum | 65.2% | 49.7% | 36.4% | Medium | 79.3% | 52.0% | 35.6% |
| E3-09.1 | LKD | 17.6 | 160 | Minimum | 63.9% | 49.0% | 32.8% | Medium | 78.5% | 51.0% | 29.7% |
| E3-09.2 | Bed | 11.2 | 96 | Minimum | 63.6% | 48.5% | 33.4% | Medium | 79.6% | 52.4% | 32.7% |
| E3-10.1 | LKD | 27.5 | 245 | High | 79.7% | 70.5% | 61.1% | High | 83.8% | 64.2% | 51.3% |
| E3-10.2 | Bed | 10.2 | 81 | High | 77.2% | 65.3% | 53.1% | High | 86.4% | 70.2% | 55.3% |
| E3-10.3 | Bed | 11.1 | 88 | High | 75.9% | 62.6% | 50.4% | Medium | 84.5% | 65.4% | 49.9% |
| E3-11.1 | LKD | 27.5 | 245 | High | 79.8% | 70.1% | 60.1% | Medium | 83.3% | 63.8% | 49.7% |
| E3-11.2 | Bed | 10.2 | 81 | High | 77.6% | 65.2% | 51.1% | High | 87.5% | 71.5% | 55.7% |
| E3-11.3 | Bed | 11.1 | 88 | Medium | 77.2% | 64.3% | 49.7% | High | 86.7% | 68.4% | 51.4% |
| E3-12.1 | LKD | 17.6 | 160 | Medium | 67.2% | 51.2% | 31.6% | Medium | 79.3% | 50.1% | 23.7% |
| E3-12.2 | Bed | 11.2 | 96 | Medium | 74.7% | 61.6% | 46.5% | Medium | 85.6% | 65.2% | 47.6% |
| E3-13.1 | LKD | 24.2 | 212 | Minimum | 65.1% | 47.7% | 26.2% | Minimum | 78.1% | 46.5% | 17.3% |
| E3-13.2 | Bed | 10.5 | 90 | High | 77.8% | 65.6% | 51.3% | High | 87.2% | 70.7% | 54.4% |
| E4-01.1 | LKD | 27.0 | 243 | High | 80.7% | 71.2% | 58.2% | Medium | 84.2% | 61.4% | 42.6% |
| E4-01.2 | Bed | 8.1 | 63 | High | 80.8% | 71.5% | 59.7% | High | 88.7% | 76.5% | 63.2% |
| E4-01.3 | Bed | 10.7 | 88 | High | 78.1% | 66.2% | 52.4% | High | 87.2% | 70.7% | 55.2% |
| E4-02.1 | LKD | 23.2 | 206 | Medium | 70.5% | 53.4% | 32.6% | Medium | 81.1% | 52.5% | 21.9% |
| E4-02.2 | Bed | 10.5 | 90 | Medium | 77.1% | 62.7% | 47.7% | High | 86.4% | 67.8% | 50.4% |
| E4-03.1 | LKD | 17.6 | 160 | Medium | 71.9% | 55.5% | 36.3% | Medium | 80.5% | 52.1% | 21.3% |
| E4-03.2 | Bed | 11.2 | 96 | Medium | 73.5% | 57.9% | 41.1% | Medium | 84.6% | 61.7% | 41.1% |
| E4-04.1 | LKD | 17.4 | 144 | Medium | 71.3% | 55.2% | 36.0% | Medium | 80.6% | 53.0% | 23.5% |
| E4-04.2 | Bed | 11.2 | 96 | Medium | 73.9% | 58.2% | 41.7% | Medium | 84.3% | 61.6% | 41.3% |
| E4-05.1 | LKD | 27.5 | 245 | High | 80.3% | 70.4% | 59.2% | Medium | 83.4% | 61.2% | 42.8% |
| E4-05.2 | Bed | 10.2 | 81 | Medium | 77.4% | 64.1% | 49.4% | High | 86.7% | 69.2% | 52.7% |
| E4-05.3 | Bed | 11.1 | 88 | Medium | 76.0% | 61.5% | 45.1% | Medium | 85.2% | 63.8% | 44.4% |
| E4-06.1 | LKD | 27.5 | 245 | High | 82.1% | 75.0% | 65.2% | High | 85.3% | 68.3% | 55.5% |
| E4-06.2 | Bed | 10.2 | 81 | High | 80.1% | 70.5% | 60.6% | High | 87.8% | 75.3% | 63.5% |
| E4-06.3 | Bed | 11.1 | 88 | High | 78.1% | 67.6% | 57.1% | High | 86.4% | 70.8% | 57.4% |
| E4-07.1 | LKD | 17.4 | 144 | High | 74.9% | 63.6% | 52.4% | Medium | 83.1% | 62.8% | 48.0% |
| E4-07.2 | Bed | 11.2 | 96 | High | 78.9% | 68.1% | 58.0% | High | 86.0% | 69.4% | 56.2% |
| E4-08.1 | LKD | 17.6 | 160 | High | 73.9% | 61.7% | 50.3% | Medium | 82.4% | 59.9% | 44.1% |
| E4-08.2 | Bed | 11.2 | 96 | Medium | 73.8% | 61.3% | 48.5% | Medium | 84.0% | 64.1% | 48.8% |
| E4-09.1 | LKD | 17.6 | 160 | Medium | 74.0% | 60.2% | 47.8% | Medium | 82.7% | 59.9% | 42.3% |
| E4-09.2 | Bed | 11.2 | 96 | Medium | 74.0% | 60.4% | 47.7% | Medium | 83.7% | 62.8% | 47.4% |
| E4-10.1 | LKD | 27.5 | 245 | High | 82.0% | 75.4% | 65.2% | High | 85.0% | 67.8% | 54.7% |
| E4-10.2 | Bed | 10.2 | 81 | High | 78.8% | 68.3% | 56.3% | High | 87.4% | 73.8% | 59.5% |
| E4-10.3 | Bed | 11.1 | 88 | High | 77.1% | 65.1% | 53.1% | High | 85.3% | 68.3% | 53.4% |
| E4-11.1 | LKD | 27.5 | 245 | High | 81.8% | 73.9% | 63.8% | High | 85.6% | 67.5% | 54.3% |
| E4-11.2 | Bed | 10.2 | 81 | High | 78.3% | 66.9% | 53.5% | High | 87.9% | 73.4% | 58.3% |
| E4-11.3 | Bed | 11.1 | 88 | High | 77.9% | 66.1% | 52.1% | High | 86.4% | 67.4% | 51.1% |
| E4-12.1 | LKD | 17.6 | 160 | Medium | 74.1% | 59.9% | 43.9% | Medium | 83.1% | 58.8% | 37.6% |
| E4-12.2 | Bed | 11.2 | 96 | High | 77.5% | 65.0% | 50.7% | Medium | 86.1% | 66.6% | 49.3% |
| E4-13.1 | LKD | 24.2 | 212 | Medium | 72.9% | 57.5% | 41.7% | Medium | 81.5% | 55.0% | 30.7% |
| E4-13.2 | Bed | 10.5 | 90 | High | 79.0% | 68.1% | 54.7% | High | 87.6% | 72.3% | 56.8% |

**Table 19: Daylight provision individual values for all habitable rooms to IS EN 17037:2018+A1:2021**

# Appendix C - Sunlight Hours to Habitable Rooms Within the Proposed Development

| Sunlight Hours - Block A | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| A0-01.1 | LKD | Yes | 1.5 | Minimum |
| A0-02.1 | LKD | Yes | 1.4 | Below criteria |
| A0-03.1 | LKD | Yes | 1.8 | Minimum |
| A0-04.1 | LKD | Yes | 2.7 | Minimum |
| A0-05.1 | LKD | Yes | 4.3 | High |
| A1-01.1 | LKD | Yes | 2.0 | Minimum |
| A1-02.1 | LKD | Yes | 1.4 | Below criteria |
| A1-03.1 | LKD | Yes | 1.8 | Minimum |
| A1-04.1 | LKD | Yes | 2.6 | Minimum |
| A1-05.1 | LKD | Yes | 2.0 | Minimum |
| A1-06.1 | LKD | Yes | 7.3 | High |
| A1-07.1 | LKD | No | 4.1 | High |
| A1-08.1 | LKD | No | 2.8 | Minimum |
| A1-09.1 | LKD | Yes | 3.9 | Medium |
| A1-10.1 | LKD | Yes | 3.8 | Medium |
| A1-11.1 | LKD | Yes | 2.0 | Minimum |
| A1-12.1 | LKD | No | 0.0 | Below criteria |
| A1-13.1 | LKD | No | 0.0 | Below criteria |
| A2-01.1 | LKD | Yes | 2.3 | Minimum |
| A2-02.1 | LKD | Yes | 1.8 | Minimum |
| A2-03.1 | LKD | Yes | 1.8 | Minimum |
| A2-04.1 | LKD | Yes | 2.6 | Minimum |
| A2-05.1 | LKD | Yes | 2.0 | Minimum |
| A2-06.1 | LKD | Yes | 8.3 | High |
| A2-07.1 | LKD | No | 4.1 | High |
| A2-08.1 | LKD | No | 2.8 | Minimum |
| A2-09.1 | LKD | Yes | 3.9 | Medium |
| A2-10.1 | LKD | Yes | 3.8 | Medium |
| A2-11.1 | LKD | Yes | 2.0 | Minimum |
| A2-12.1 | LKD | No | 0.0 | Below criteria |
| A2-13.1 | LKD | No | 0.0 | Below criteria |
| A3-01.1 | LKD | Yes | 2.8 | Minimum |
| A3-02.1 | LKD | Yes | 2.1 | Minimum |
| A3-03.1 | LKD | Yes | 2.2 | Minimum |
| A3-04.1 | LKD | Yes | 2.7 | Minimum |
| A3-05.1 | LKD | Yes | 2.0 | Minimum |
| A3-06.1 | LKD | Yes | 8.3 | High |
| A3-07.1 | LKD | No | 4.1 | High |
| A3-08.1 | LKD | No | 2.8 | Minimum |
| A3-09.1 | LKD | Yes | 3.9 | Medium |
| A3-10.1 | LKD | Yes | 3.8 | Medium |
| A3-11.1 | LKD | Yes | 2.3 | Minimum |
| A3-12.1 | LKD | No | 0.0 | Below criteria |
| A3-13.1 | LKD | No | 0.0 | Below criteria |
| A4-01.1 | LKD | Yes | 3.3 | Medium |
| A4-02.1 | LKD | Yes | 2.6 | Minimum |
| A4-03.1 | LKD | Yes | 2.7 | Minimum |
| A4-04.1 | LKD | Yes | 2.8 | Minimum |
| A4-05.1 | LKD | Yes | 2.0 | Minimum |
| A4-06.1 | LKD | Yes | 8.3 | High |

| Sunlight Hours - Block A | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| A4-07.1 | LKD | No | 4.1 | High |
| A4-08.1 | LKD | No | 2.8 | Minimum |
| A4-09.1 | LKD | Yes | 3.9 | Medium |
| A4-10.1 | LKD | Yes | 3.9 | Medium |
| A4-11.1 | LKD | Yes | 2.6 | Minimum |
| A4-12.1 | LKD | No | 0.0 | Below criteria |
| A4-13.1 | LKD | No | 0.0 | Below criteria |
| A5-01.1 | LKD | Yes | 4.0 | High |
| A5-02.1 | LKD | Yes | 3.5 | Medium |
| A5-03.1 | LKD | Yes | 3.3 | Medium |
| A5-04.1 | LKD | Yes | 3.4 | Medium |
| A5-05.1 | LKD | Yes | 2.0 | Minimum |
| A5-06.1 | LKD | Yes | 8.3 | High |
| A5-07.1 | LKD | No | 4.1 | High |
| A5-08.1 | LKD | No | 2.8 | Minimum |
| A5-09.1 | LKD | Yes | 6.4 | High |
| A5-10.1 | LKD | Yes | 8.7 | High |
| A5-11.1 | LKD | Yes | 3.0 | Medium |
| A5-12.1 | LKD | No | 0.0 | Below criteria |
| A5-13.1 | LKD | No | 0.0 | Below criteria |
| A6-01.1 | LKD | Yes | 4.5 | High |
| A6-02.1 | LKD | Yes | 4.3 | High |
| A6-03.1 | LKD | Yes | 4.1 | High |
| A6-04.1 | LKD | Yes | 4.1 | High |
| A6-05.1 | LKD | Yes | 4.3 | High |
| A6-06.1 | LKD | Yes | 8.3 | High |
| A6-07.1 | LKD | No | 4.1 | High |
| A6-08.1 | LKD | No | 4.1 | High |

**Table 20: Sunlight Hours**

| Sunlight Hours Apartments Block B | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| B0-01.1 | LKD | No | 0.8 | Below criteria |
| B0-02.1 | LKD | No | 0.9 | Below criteria |
| B0-03.1 | LKD | No | 2.2 | Minimum |
| B0-04.1 | LKD | No | 2.1 | Minimum |
| B0-05.1 | LKD | Yes | 3.9 | Medium |
| B0-06.1 | LKD | Yes | 4.0 | High |
| B1-01.1 | LKD | No | 1.0 | Below criteria |
| B1-02.1 | LKD | No | 1.8 | Minimum |
| B1-03.1 | LKD | No | 2.0 | Minimum |
| B1-04.1 | LKD | No | 3.3 | Medium |
| B1-05.1 | LKD | Yes | 4.8 | High |
| B1-06.1 | LKD | Yes | 4.5 | High |
| B1-07.1 | LKD | Yes | 4.2 | High |
| B1-08.1 | LKD | Yes | 5.7 | High |
| B1-09.1 | LKD | Yes | 2.3 | Minimum |
| B1-10.1 | LKD | Yes | 2.4 | Minimum |
| B1-11.1 | LKD | Yes | 5.5 | High |
| B1-12.1 | LKD | No | 0.0 | Below criteria |
| B1-13.1 | LKD | No | 0.0 | Below criteria |
| B2-01.1 | LKD | No | 1.3 | Below criteria |
| B2-02.1 | LKD | No | 1.9 | Minimum |
| B2-03.1 | LKD | No | 2.0 | Minimum |
| B2-04.1 | LKD | No | 3.3 | Medium |
| B2-05.1 | LKD | Yes | 6.9 | High |
| B2-06.1 | LKD | Yes | 5.9 | High |
| B2-07.1 | LKD | Yes | 4.2 | High |
| B2-08.1 | LKD | Yes | 5.7 | High |
| B2-09.1 | LKD | Yes | 2.3 | Minimum |
| B2-10.1 | LKD | Yes | 2.4 | Minimum |
| B2-11.1 | LKD | Yes | 5.5 | High |
| B2-12.1 | LKD | No | 0.0 | Below criteria |
| B2-13.1 | LKD | No | 0.0 | Below criteria |
| B3-01.1 | LKD | No | 1.7 | Minimum |
| B3-02.1 | LKD | No | 2.1 | Minimum |
| B3-03.1 | LKD | No | 2.2 | Minimum |
| B3-04.1 | LKD | No | 3.3 | Medium |
| B3-05.1 | LKD | Yes | 7.3 | High |
| B3-06.1 | LKD | Yes | 7.3 | High |
| B3-07.1 | LKD | Yes | 4.2 | High |
| B3-08.1 | LKD | Yes | 5.7 | High |
| B3-09.1 | LKD | Yes | 2.3 | Minimum |
| B3-10.1 | LKD | Yes | 2.5 | Minimum |
| B3-11.1 | LKD | Yes | 5.5 | High |
| B3-12.1 | LKD | No | 0.0 | Below criteria |
| B3-13.1 | LKD | No | 0.0 | Below criteria |
| B4-01.1 | LKD | No | 2.0 | Minimum |
| B4-02.1 | LKD | No | 2.4 | Minimum |
| B4-03.1 | LKD | No | 2.3 | Minimum |
| B4-04.1 | LKD | No | 3.3 | Medium |
| B4-05.1 | LKD | Yes | 8.3 | High |

| Sunlight Hours Apartments Block B | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| B4-06.1 | LKD | Yes | 7.9 | High |
| B4-07.1 | LKD | Yes | 4.2 | High |
| B4-08.1 | LKD | Yes | 5.7 | High |
| B4-09.1 | LKD | Yes | 2.3 | Minimum |
| B4-10.1 | LKD | Yes | 2.7 | Minimum |
| B4-11.1 | LKD | Yes | 5.5 | High |
| B4-12.1 | LKD | No | 0.0 | Below criteria |
| B4-13.1 | LKD | No | 0.0 | Below criteria |
| B5-01.1 | LKD | No | 2.5 | Minimum |
| B5-02.1 | LKD | No | 2.9 | Minimum |
| B5-03.1 | LKD | No | 2.8 | Minimum |
| B5-04.1 | LKD | No | 3.3 | Medium |
| B5-05.1 | LKD | Yes | 8.3 | High |
| B5-06.1 | LKD | Yes | 8.3 | High |
| B5-07.1 | LKD | Yes | 4.2 | High |
| B5-08.1 | LKD | Yes | 5.7 | High |
| B5-09.1 | LKD | Yes | 2.3 | Minimum |
| B5-10.1 | LKD | Yes | 3.1 | Medium |
| B5-11.1 | LKD | Yes | 5.5 | High |
| B5-12.1 | LKD | No | 0.0 | Below criteria |
| B5-13.1 | LKD | No | 0.0 | Below criteria |
| B6-01.1 | LKD | No | 3.1 | Medium |
| B6-02.1 | LKD | No | 3.5 | Medium |
| B6-03.1 | LKD | No | 3.3 | Medium |
| B6-04.1 | LKD | No | 3.3 | Medium |
| B6-05.1 | LKD | Yes | 8.3 | High |
| B6-06.1 | LKD | Yes | 8.3 | High |
| B6-07.1 | LKD | Yes | 4.2 | High |
| B6-08.1 | LKD | Yes | 5.7 | High |
| B6-09.1 | LKD | Yes | 5.3 | High |
| B6-10.1 | LKD | Yes | 7.3 | High |
| B6-11.1 | LKD | Yes | 5.5 | High |
| B6-12.1 | LKD | No | 0.0 | Below criteria |
| B6-13.1 | LKD | No | 0.0 | Below criteria |
| B7-01.1 | LKD | No | 3.5 | Medium |
| B7-02.1 | LKD | No | 3.8 | Medium |
| B7-03.1 | LKD | No | 4.0 | High |
| B7-04.1 | LKD | No | 4.0 | High |
| B7-05.1 | LKD | Yes | 8.3 | High |
| B7-06.1 | LKD | Yes | 8.3 | High |
| B7-07.1 | LKD | Yes | 5.8 | High |
| B7-08.1 | LKD | Yes | 5.7 | High |

**Table 21: Sunlight Hours**

| Sunlight Hours Apartments Block C | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| C0-01.1 | LKD | Yes | 5.9 | High |
| C0-02.1 | LKD | Yes | 5.8 | High |
| C0-03.1 | LKD | Yes | 5.8 | High |
| C0-04.1 | LKD | Yes | 5.8 | High |
| C0-05.1 | LKD | Yes | 4.5 | High |
| C0-06.1 | LKD | Yes | 5.9 | High |
| C0-07.1 | LKD | No | 0.8 | Below criteria |
| C0-08.1 | LKD | No | 1.5 | Minimum |
| C0-09.1 | LKD | No | 2.6 | Minimum |
| C0-10.1 | LKD | Yes | 3.3 | Medium |
| C1-01.1 | LKD | Yes | 3.5 | Medium |
| C1-02.1 | LKD | Yes | 5.8 | High |
| C1-03.1 | LKD | Yes | 3.5 | Medium |
| C1-04.1 | LKD | Yes | 5.3 | High |
| C1-05.1 | LKD | Yes | 3.7 | Medium |
| C1-06.1 | LKD | Yes | 5.4 | High |
| C1-07.1 | LKD | Yes | 3.5 | Medium |
| C1-08.1 | LKD | No | 1.0 | Below criteria |
| C1-09.1 | LKD | No | 1.0 | Below criteria |
| C1-10.1 | LKD | No | 0.8 | Below criteria |
| C1-11.1 | LKD | No | 1.3 | Below criteria |
| C1-12.1 | LKD | No | 2.7 | Minimum |
| C1-13.1 | LKD | Yes | 3.6 | Medium |
| C2-01.1 | LKD | Yes | 3.5 | Medium |
| C2-02.1 | LKD | Yes | 5.8 | High |
| C2-03.1 | LKD | Yes | 3.5 | Medium |
| C2-04.1 | LKD | Yes | 5.3 | High |
| C2-05.1 | LKD | Yes | 3.7 | Medium |
| C2-06.1 | LKD | Yes | 5.4 | High |
| C2-07.1 | LKD | Yes | 3.5 | Medium |
| C2-08.1 | LKD | No | 1.3 | Below criteria |
| C2-09.1 | LKD | No | 1.3 | Below criteria |
| C2-10.1 | LKD | No | 1.1 | Below criteria |
| C2-11.1 | LKD | No | 1.5 | Minimum |
| C2-12.1 | LKD | No | 2.7 | Minimum |
| C2-13.1 | LKD | Yes | 3.9 | Medium |
| C3-01.1 | LKD | Yes | 3.5 | Medium |
| C3-02.1 | LKD | Yes | 5.8 | High |
| C3-03.1 | LKD | Yes | 3.5 | Medium |
| C3-04.1 | LKD | Yes | 5.3 | High |
| C3-05.1 | LKD | Yes | 3.7 | Medium |
| C3-06.1 | LKD | Yes | 5.4 | High |
| C3-07.1 | LKD | Yes | 3.5 | Medium |
| C3-08.1 | LKD | No | 1.4 | Below criteria |
| C3-09.1 | LKD | No | 1.6 | Minimum |
| C3-10.1 | LKD | No | 1.4 | Below criteria |
| C3-11.1 | LKD | No | 1.6 | Minimum |
| C3-12.1 | LKD | No | 2.7 | Minimum |
| C3-13.1 | LKD | Yes | 4.2 | High |
| C4-01.1 | LKD | Yes | 3.5 | Medium |

| Sunlight Hours Apartments Block C | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| C4-02.1 | LKD | Yes | 5.8 | High |
| C4-03.1 | LKD | Yes | 3.5 | Medium |
| C4-04.1 | LKD | Yes | 5.3 | High |
| C4-05.1 | LKD | Yes | 3.7 | Medium |
| C4-06.1 | LKD | Yes | 5.4 | High |
| C4-07.1 | LKD | Yes | 3.5 | Medium |
| C4-08.1 | LKD | No | 1.8 | Minimum |
| C4-09.1 | LKD | No | 2.1 | Minimum |
| C4-10.1 | LKD | No | 1.8 | Minimum |
| C4-11.1 | LKD | No | 2.0 | Minimum |
| C4-12.1 | LKD | No | 2.7 | Minimum |
| C4-13.1 | LKD | Yes | 4.3 | High |
| C5-01.1 | LKD | Yes | 3.5 | Medium |
| C5-02.1 | LKD | Yes | 5.8 | High |
| C5-03.1 | LKD | Yes | 3.5 | Medium |
| C5-04.1 | LKD | Yes | 5.6 | High |
| C5-05.1 | LKD | Yes | 3.7 | Medium |
| C5-06.1 | LKD | Yes | 5.6 | High |
| C5-07.1 | LKD | Yes | 3.5 | Medium |
| C5-08.1 | LKD | No | 2.6 | Minimum |
| C5-09.1 | LKD | No | 2.3 | Minimum |
| C5-10.1 | LKD | No | 2.4 | Minimum |
| C5-11.1 | LKD | No | 2.6 | Minimum |
| C5-12.1 | LKD | No | 2.7 | Minimum |
| C5-13.1 | LKD | Yes | 4.3 | High |
| C6-01.1 | LKD | Yes | 5.9 | High |
| C6-02.1 | LKD | Yes | 5.8 | High |
| C6-03.1 | LKD | Yes | 5.8 | High |
| C6-04.1 | LKD | Yes | 5.9 | High |
| C6-05.1 | LKD | Yes | 5.8 | High |
| C6-06.1 | LKD | Yes | 5.9 | High |
| C6-07.1 | LKD | Yes | 5.9 | High |
| C6-08.1 | LKD | No | 3.3 | Medium |
| C6-09.1 | LKD | No | 2.8 | Minimum |
| C6-10.1 | LKD | No | 3.1 | Medium |
| C6-11.1 | LKD | No | 3.3 | Medium |
| C6-12.1 | LKD | No | 3.1 | Medium |
| C6-13.1 | LKD | Yes | 4.3 | High |

**Table 22: Sunlight Hours**

| Sunlight Hours Apartments Block D | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| D0-01.1 | LKD | Yes | 1.8 | Minimum |
| D0-02.2 | Bed | Yes | 0.8 | Below criteria |
| D0-03.2 | Bed | Yes | 0.8 | Below criteria |
| D0-04.2 | Bed | Yes | 1.1 | Below criteria |
| D0-05.1 | LKD | Yes | 2.3 | Minimum |
| D0-06.1 | LKD | Yes | 7.5 | High |
| D1-01.2 | Bed | Yes | 1.1 | Below criteria |
| D1-02.2 | Bed | Yes | 1.1 | Below criteria |
| D1-03.3 | Bed | Yes | 1.1 | Below criteria |
| D1-04.2 | Bed | Yes | 1.2 | Below criteria |
| D1-05.1 | LKD | Yes | 2.3 | Minimum |
| D1-06.1 | LKD | Yes | 8.2 | High |
| D1-07.1 | LKD | Yes | 8.3 | High |
| D1-08.1 | LKD | No | 4.1 | High |
| D1-09.1 | LKD | No | 2.5 | Minimum |
| D1-10.1 | LKD | No | 2.1 | Minimum |
| D1-11.1 | LKD | No | 4.1 | High |
| D1-12.1 | LKD | No | 4.3 | High |
| D2-01.2 | Bed | Yes | 1.4 | Below criteria |
| D2-02.2 | Bed | Yes | 1.4 | Below criteria |
| D2-03.3 | Bed | Yes | 1.4 | Below criteria |
| D2-04.2 | Bed | Yes | 1.4 | Below criteria |
| D2-05.1 | LKD | Yes | 2.3 | Minimum |
| D2-06.1 | LKD | Yes | 8.3 | High |
| D2-07.1 | LKD | Yes | 8.3 | High |
| D2-08.1 | LKD | No | 4.3 | High |
| D2-09.1 | LKD | No | 2.7 | Minimum |
| D2-10.1 | LKD | No | 3.8 | Medium |
| D2-11.1 | LKD | No | 2.4 | Minimum |
| D2-12.1 | LKD | No | 4.2 | High |
| D2-13.1 | LKD | No | 4.3 | High |
| D3-01.2 | Bed | Yes | 1.9 | Minimum |
| D3-02.2 | Bed | Yes | 1.9 | Minimum |
| D3-03.3 | Bed | Yes | 1.9 | Minimum |
| D3-04.2 | Bed | Yes | 1.9 | Minimum |
| D3-05.1 | LKD | Yes | 2.3 | Minimum |
| D3-06.1 | LKD | Yes | 8.3 | High |
| D3-07.1 | LKD | Yes | 8.3 | High |
| D3-08.1 | LKD | No | 4.3 | High |
| D3-09.1 | LKD | No | 2.7 | Minimum |
| D3-10.1 | LKD | No | 4.1 | High |
| D3-11.1 | LKD | No | 2.8 | Minimum |
| D3-12.1 | LKD | No | 4.2 | High |
| D3-13.1 | LKD | No | 4.3 | High |
| D4-01.2 | Bed | Yes | 2.6 | Minimum |
| D4-02.2 | Bed | Yes | 2.6 | Minimum |
| D4-03.1 | LKD | Yes | 3.0 | Medium |
| D4-04.2 | Bed | Yes | 2.6 | Minimum |
| D4-05.1 | LKD | Yes | 3.0 | Medium |
| D4-06.1 | LKD | Yes | 8.3 | High |

| Sunlight Hours Apartments Block D | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| D4-07.1 | LKD | Yes | 8.3 | High |
| D4-08.1 | LKD | No | 4.3 | High |
| D4-09.1 | LKD | No | 2.8 | Minimum |
| D4-10.1 | LKD | No | 4.3 | High |
| D4-11.1 | LKD | No | 2.8 | Minimum |
| D4-12.1 | LKD | No | 4.2 | High |
| D4-13.1 | LKD | No | 4.3 | High |
| D5-01.1 | LKD | Yes | 2.2 | Minimum |
| D5-02.2 | Bed | Yes | 3.3 | Medium |
| D5-03.1 | LKD | Yes | 3.8 | Medium |
| D5-04.1 | LKD | Yes | 3.3 | Medium |
| D5-05.1 | LKD | Yes | 3.8 | Medium |
| D5-06.1 | LKD | Yes | 8.3 | High |
| D5-07.1 | LKD | Yes | 8.3 | High |
| D5-08.1 | LKD | No | 4.3 | High |
| D5-09.1 | LKD | No | 2.8 | Minimum |
| D5-10.1 | LKD | No | 4.3 | High |
| D5-11.1 | LKD | No | 2.8 | Minimum |
| D5-12.1 | LKD | No | 4.2 | High |
| D5-13.1 | LKD | No | 4.3 | High |
| D6-01.1 | LKD | Yes | 5.3 | High |
| D6-02.1 | LKD | Yes | 4.5 | High |
| D6-03.1 | LKD | Yes | 4.7 | High |
| D6-04.1 | LKD | Yes | 4.5 | High |
| D6-05.1 | LKD | Yes | 4.7 | High |
| D6-06.1 | LKD | Yes | 8.3 | High |
| D6-07.1 | LKD | Yes | 8.3 | High |
| D6-08.1 | LKD | No | 4.3 | High |
| D6-09.1 | LKD | No | 4.2 | High |
| D6-10.1 | LKD | No | 4.3 | High |
| D6-11.1 | LKD | No | 4.2 | High |
| D6-12.1 | LKD | No | 4.2 | High |
| D6-13.1 | LKD | No | 4.3 | High |

**Table 23: Sunlight Hours**

| Sunlight Hours Apartments Block E | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| E0-01.1 | LKD | No | 2.5 | Minimum |
| E0-02.1 | LKD | No | 0.0 | Below criteria |
| E0-03.1 | LKD | No | 0.0 | Below criteria |
| E0-04.1 | LKD | No | 0.0 | Below criteria |
| E0-05.1 | LKD | Yes | 5.5 | High |
| E0-06.1 | LKD | Yes | 7.4 | High |
| E0-07.1 | LKD | Yes | 5.3 | High |
| E0-08.1 | LKD | Yes | 7.9 | High |
| E0-09.1 | LKD | Yes | 7.4 | High |
| E0-10.1 | LKD | No | 2.9 | Minimum |
| E1-01.1 | LKD | No | 3.3 | Medium |
| E1-02.1 | LKD | No | 0.0 | Below criteria |
| E1-03.1 | LKD | No | 0.0 | Below criteria |
| E1-04.1 | LKD | No | 0.0 | Below criteria |
| E1-05.1 | LKD | Yes | 5.5 | High |
| E1-06.1 | LKD | Yes | 3.8 | Medium |
| E1-07.1 | LKD | Yes | 1.7 | Minimum |
| E1-08.1 | LKD | Yes | 1.2 | Below criteria |
| E1-09.1 | LKD | Yes | 5.3 | High |
| E1-10.1 | LKD | Yes | 8.1 | High |
| E1-11.1 | LKD | Yes | 7.8 | High |
| E1-12.1 | LKD | No | 3.5 | Medium |
| E1-13.1 | LKD | No | 3.7 | Medium |
| E2-01.1 | LKD | No | 3.8 | Medium |
| E2-02.1 | LKD | No | 0.0 | Below criteria |
| E2-03.1 | LKD | No | 0.0 | Below criteria |
| E2-04.1 | LKD | No | 0.0 | Below criteria |
| E2-05.1 | LKD | Yes | 5.5 | High |
| E2-06.1 | LKD | Yes | 3.8 | Medium |
| E2-07.1 | LKD | Yes | 1.8 | Minimum |
| E2-08.1 | LKD | Yes | 1.2 | Below criteria |
| E2-09.1 | LKD | Yes | 5.3 | High |
| E2-10.1 | LKD | Yes | 8.3 | High |
| E2-11.1 | LKD | Yes | 8.3 | High |
| E2-12.1 | LKD | No | 4.1 | High |
| E2-13.1 | LKD | No | 3.8 | Medium |
| E3-01.1 | LKD | No | 4.3 | High |
| E3-02.1 | LKD | No | 0.0 | Below criteria |
| E3-03.1 | LKD | No | 0.0 | Below criteria |
| E3-04.1 | LKD | No | 0.0 | Below criteria |
| E3-05.1 | LKD | Yes | 5.5 | High |
| E3-06.1 | LKD | Yes | 4.1 | High |
| E3-07.1 | LKD | Yes | 2.3 | Minimum |
| E3-08.1 | LKD | Yes | 1.3 | Below criteria |
| E3-09.1 | LKD | Yes | 5.3 | High |
| E3-10.1 | LKD | Yes | 8.3 | High |
| E3-11.1 | LKD | Yes | 8.3 | High |
| E3-12.1 | LKD | No | 4.1 | High |
| E3-13.1 | LKD | No | 4.1 | High |
| E4-01.1 | LKD | No | 4.3 | High |

| Sunlight Hours Apartments Block E | | | | |
|---|---|---|---|---|
| Unit ID | Room Use | Habitable room window within 90° south | No. sunlight hours on 21st March | EN17037:2018 Level of exposure to sunlight |
| E4-02.1 | LKD | No | 0.0 | Below criteria |
| E4-03.1 | LKD | No | 0.0 | Below criteria |
| E4-04.1 | LKD | No | 0.0 | Below criteria |
| E4-05.1 | LKD | Yes | 5.5 | High |
| E4-06.1 | LKD | Yes | 8.6 | High |
| E4-07.1 | LKD | Yes | 7.1 | High |
| E4-08.1 | LKD | Yes | 6.2 | High |
| E4-09.1 | LKD | Yes | 5.4 | High |
| E4-10.1 | LKD | Yes | 8.3 | High |
| E4-11.1 | LKD | Yes | 8.3 | High |
| E4-12.1 | LKD | No | 4.2 | High |
| E4-13.1 | LKD | No | 4.3 | High |

**Table 24: Sunlight Hours**