TABULAR RESULTS OF ANALYSIS
[ WITHOUT OTHER COMMITTED DEVELOPMENTS ]

| Spreadsheet Reference | Title | Originator |
| :---: | :---: | :---: |
| Phase 1 development only |  |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, 30 Bixteth Street [ 7 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, Bereys Building [ 3 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, Hamilton House [ 4 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, Lombard Chambers [ 1 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, 22 Pall Mall <br> [ 1 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, 51-55 Highfield Street [ 1 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, Princes Gardens [ 1 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, 40-44 Pall Mall [ 4 numbered pages ] |  |


| Spreadsheet Reference | Title | Originator |
| :---: | :---: | :---: |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase 1 summary analysis, Orleans House [ 3 numbered pages ] |  |
| Phase 1 + Outline |  |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, 30 Bixteth Street [ 7 numbered pages] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, Bereys Building [ 3 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, Hamilton House [ 4 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, Lombard Chambers [ 1 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, 22 Pall Mall [ 1 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, 51-55 Highfield Street [ 1 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, Princes Gardens [ 1 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, 40-44 Pall Mall [ 4 numbered pages ] |  |
| 18411 | Existing [ target levels derived from mirror massing study ]-v-Phase $1+$ outline summary analysis, Orleans House [ 3 numbered pages ] |  |







|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Mean Window \%aage } \\ \text { Diff } \end{array} \\ \hline \end{array}$ | Room \%age iff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{aligned} & \hline \text { APSH } \\ & \text { Target } \\ & \text { Values } \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { APSH } \\ \text { Proposed } \\ \hline \end{array}$ | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { Winter } \\ \text { Target } \end{array}$ | $\begin{array}{\|l\|l} \text { Winter } \\ \text { Proposed } \end{array}$ | Rage Diff |
| ${ }^{30} 8$ Bxenen Stret | Fith | LK0R10 | W32 | 14.97 | 14.97 | 0.00\% | 0.00\% | 0.00\% | 15.54 | ${ }^{31.35 \%}$ | 94.05\% | 200.0\%\% | $1.24 \%$ | 2.16\% | 74.44\% | NA | N/ | N/ | NA | NA | NA |
|  |  |  | w33 | 17.38 | 17.38 | $0.00 \%$ |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  |  | w34 | 14.28 | 14.28 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | N/A | NA |
|  |  | BedroomR11 | w35 | 18.55 | 18.55 | 0.00\% | 0.00\% | 0.00\% | 18.55 | 61.18\% | 98.29\% | 60.6\% | 1.09\% | 1.81\% | 66.09\% | N/ | NA | N/ | NA | N/A | NA |
|  |  | BedroomF12 | w36 | 18.33 | 18.33 | 0.00\% | 0.00\% | 0.00\% | 18.33 | 51.72\% | 98.3\% | 90.33\% | 0.96\% | 1.54\% | 61.30\% | N/A | N/ | N/A | NA | NA | NA |
|  |  | เко尺13 | w37 | 13.83 | 13.83 | 0.00\% | 0.00\% | 0.00\% | 16.74 | 27.48\% | 99.96\% | 263.72\% | 1.36\% | 2.8\% | 60.11\% | NA | NA | NA | NA | NA | NA |
|  |  |  | w38 | 17.98 | 17.98 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  |  | w39 | 18.41 | 18.41 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  | LKorR14 | wa | 20.31 | 20.31 | 0.00\% | 0.00\% | 0.00\% | 19.95 | ${ }^{37.53 \%}$ | 99.33\% | 166.24\% | ${ }^{1.51 \%}$ | ${ }^{227 \%}$ | 49.55\% | NA | N/ | N/ | NA | NA | NA |
|  |  |  | w41 | 21.93 | ${ }^{21.93}$ | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | NA | NA | NA |
|  |  |  | W42 | 17.30 | 17.30 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | N/ | N/ | NA | NA | NA |
|  |  | BedroomR15 | w43 | 21.72 | 21.72 | 0.00\% | 0.00\% | 0.00\% | 21.72 | 68.99\% | 98.51\% | 4278\% | 1.06\% | 1.5\%\% | 43.55\% | NA | NA | NA | NA | NA | NA |
|  |  | Bedroom/16 | W44 | 21.01 | 21.01 | 0.00\% | 0.00\% | 0.00\% | 21.01 | 85.20\% | 97.33\% | 14.83\% | 1.21\% | 1.71\% | 4223\% | N/A | N/ | N/A | NA | NA | N/ |
|  |  | ${ }_{\text {K0ıR17 }}$ | was | 16.46 | 16.46 | 0.01\% | 0.00\% | ${ }^{0.00 \%}$ | 20.41 | 43.48\% | $100.00 \%$ | ${ }^{129.99 \%}$ | ${ }^{2.00 \%}$ | $2.84 \%$ | ${ }^{42.52 \%}$ | NA | N/ | N/ | NA | NA | NA |
|  |  |  | wa6 | 22.13 | 22.13 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | NA | N/A | N/ |
|  |  |  | W47 | 22.63 | 22.63 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | NA | N/ |
|  |  | LK01R18 | was | 24.23 | 24.23 | 0.00\% | 0.00\% | 0.00\% | 22.81 | 53.51\% | 100.00\% | 86.88\% | 2.17\% | 2.00\% | 33.69\% | N/ | NA | N/ | NA | NA | NA |
|  |  |  | W49 | 25.79 | 25.79 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ | N/ | N/A | NA | NA | N/ |
|  |  |  | wso | 18.42 | 18.42 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | NA | NA | NA |
|  |  | BedroomR19 | w51 | 19.71 | 19.71 | 0.00\% | 0.00\% | $0.00 \%$ | 19.71 | 94.00\% | 96.79\% | 1.99\% | 1.07\% | 1.14\% | 30.97\% | N/ | NA | N/A | NA | NA | N/ |
|  |  | BedroomR20 | w52 | 28.41 | 28.41 | 0.00\% | 0.00\% | 0.00\% | 28.41 | 88.9\% | 95.55\% | 7.85\% | 0.92\% | 1.20\% | 3112\% | NA | NA | N/ | NA | NA | NA |
|  |  | LK0R21 | w53 | 27.74 | 27.74 | 0.00\% | 0.00\% | 0.00\% | 27.17 | 99.84\% | 99.97\% | 0.13\% | 2.89\% | 3.04\% | 5.28\% | N/ | NA | NA | NA | NA | NA |
|  |  |  | w54 | 29.17 | 29.17 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | N/ | NA | N/A | N/ |
|  |  |  | w55 | 30.66 | 30.66 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | NA | N/A | N/A |
|  |  |  | w56 | 32.15 | 32.15 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | NA | N/A | NA | N/ | NA |
|  |  |  | w57 | 24.06 | 24.06 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/A | NA |
|  |  |  | W58 | 19.24 | 19.24 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  | sixt | LK01R1 | w | 22.95 | 22.95 | 0.00\% | -29.9\%\% | -29.04\% | 19.02 | 8278\% | 67.03\% | -19.03\% | 2.31\% | 1.79\% | -22.69\% | NA | N/A | NA | NA | N/ | N/ |
|  |  |  | w2 | 27.73 | 27.73 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | N/A | NA |
|  |  |  | w3 | 27.63 | 27.63 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  |  | w4 | 28.40 | 16.13 | -4322\% |  |  |  |  |  |  |  |  |  | ${ }^{66}$ | 40 | .3939\% | ${ }^{25}$ | 19 | -24.00\% |
|  |  |  | w5 | 28.69 | 14.77 | ${ }^{48.51 \%}$ |  |  |  |  |  |  |  |  |  | ${ }^{62}$ | 32 | ${ }_{-48.39 \%}$ | ${ }^{24}$ | 15 | ${ }^{-37.50 \%}$ |
|  |  |  | w6 | 24.87 | 10.50 | 5777\% |  |  |  |  |  |  |  |  |  | 49 | ${ }^{21}$ | .57.47\% | 19 | $\stackrel{9}{9}$ | -52.63\% |
|  |  |  | w7 | 29.13 | 13.45 | -53.81\% |  |  |  |  |  |  |  |  |  | 60 | 29 | -51.67\% | 22 | $\stackrel{9}{ }$ | -59.09\% |
|  |  | BetroomR2 | ws | 29.59 | 29.59 | 0.00\% | 0.00\% | 0.00\% | 29.59 | 99.68\% | 42.69\% | -57.7\% | 1.45\% | 0.77\% | -46.59\% | NA | NA | NA | NA | N/A | NA |
|  |  | LK01R3 | w9 | 29.77 | 12.34 | -58.54\% | -44.80\% | -45.13\% | ${ }^{15.23}$ | 99.84\% | 97.14\% | $-2.71 \%$ | 2.20\% | 1.48\% | -32.5\% | ${ }^{61}$ | 29 | .52.46\% | ${ }^{24}$ | 8 | -66.67\% |
|  |  |  | w10 | 28.16 | 10.33 | -63.32\% |  |  |  |  |  |  |  |  |  | ${ }^{61}$ | 30 | -50.82\% | ${ }^{24}$ | 7 | -70.83\% |
|  |  |  | w11 | 18.10 | 5.07 | -71.8\% |  |  |  |  |  |  |  |  |  | 39 | 16 | .58.97\% | ${ }^{23}$ | 6 | -73.91\% |
|  |  |  | W12 | 31.18 | 12.02 | -61.46\% |  |  |  |  |  |  |  |  |  | 69 | 30 | .56.52\% | ${ }^{27}$ | 8 | -70.37\% |
|  |  |  | w13 | 31.40 | 12.21 | -61.13\% |  |  |  |  |  |  |  |  |  | ${ }^{66}$ | ${ }^{27}$ | -59.09\% | ${ }^{26}$ | 7 | -73.08\% |
|  |  |  | W14 | 28.06 | 28.08 | 0.07\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  |  | w15 | 26.46 | 26.57 | $0.422 \%$ |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  | BedroomR4 | w16 | 26.53 | 26.61 | 0.28\% | 0.28\% | 0.28\% | 26.61 | 99.91\% | 99.61\% | ${ }^{0.30 \%}$ | 1.72\% | 1.88\% | 8.23\% | NA | NA | N/ | NA | NA | NA |
|  |  | Bedromm ${ }^{\text {a }}$ | W17 | 27.07 | 27.09 | 0.09\% | 0.09\% | 0.09\% | 27.09 | 999.92\% | 99.83\% | -0.09\% | 1.55\% | 1.69\% | 9.219\% | NA | NA | N/A | NA | NA | NA |
|  |  | BedroomR6 | w18 | 27.56 | 27.57 | 0.03\% | 0.03\% | 0.03\% | 27.57 | 97.29\% | 97.57\% | 0.29\% | 1.54\% | 1.88\% | 8.77\% | NA | NA | N/A | NA | NA | NA |
|  |  | BedroomR7 | w19 | 27.91 | 27.92 | 0.02\% | 0.02\% | 0.02\% | 27.92 | 99.29\% | 98.22\% | -1.09\% | 1.25\% | 1.35\% | 7.97\% | N/A | NA | N/ | NA | N/A | NA |
|  |  | LKOR8 | w20 | 28.28 | 28.28 | 0.01\% | 0.01\% | 0.01\% | 28.39 | 91.08\% | 99.47\% | 9.21\% | 1.22\% | 1.32\% | ${ }^{7.77 \%}$ | N/A | N/A | NA | NA | NA | NA |
|  |  |  | w21 | 28.50 | 28.50 | 0.01\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | N/ | NA |
|  |  | LKDR9 | W22 | 28.99 | 28.99 | 0.00\% | 0.00\% | 0.00\% | 29.08 | 88.08\% | 91.58\% | 3.97\% | 1.24\% | 1.32\% | 6.93\% | N/ N/A NA NA N/ N/A |  |  |  |  |  |
|  |  |  | ${ }^{\text {w23 }}$ | 29.17 | 29.17 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ |  |  |  |  |  |
|  |  | ${ }^{\text {BedroomkR10 }}$ | ${ }^{\text {W24 }}$ | 29.39 | 29.39 | 0.00\% | 0.00\% | 0.00\% | 29.39 | 94.73\% | 99.24\% | ${ }^{-0.05 \%}$ | ${ }^{1.28 \%}$ | ${ }^{1.36 \%}$ | 6.16\% | N/A | N/ | N/A | NA | N/A | NA |
|  |  |  | W25 | 29.62 | 29.62 | 0.00\% | 0.00\% | 0.00\% | 29.62 |  | $94.78 \%$ | 0.06\% | 1.64\% | $1.74 \%$ | 6.12\% | NA | NA | N/ | NA | N/ | NA |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c} \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{gathered} \text { APSH } \\ \begin{array}{c} \text { TPaget } \\ \text { Values } \end{array} \end{gathered}$ | $\begin{gathered} \text { PPSH } \\ \text { Proposed } \end{gathered}$ | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { Winter } \\ \text { Targeet } \\ \text { Values } \end{array}$ | $\begin{aligned} & \text { Winter } \\ & \text { Proposed } \end{aligned}$ | Rage Diff |
| 30 Bixen Street | sixh | ${ }^{\text {Bedioom/R12 }}$ | W26 | 29.78 | 29.78 | 0.00\% | 0.00\% | 0.00\% | 29.78 | ${ }_{99.63 \%}$ | 99.63\% | 0.00\% | ${ }^{1.64 \%}$ | $1.74 \%$ | 5.81\% | NA | NA | NA | NA | NA | NA |
|  |  | BedioomR13 | w27 | 28.11 | 28.11 | 0.00\% | 0.00\% | 0.00\% | 28.11 | 999.06\% | 99.6\%\% | 0.00\% | 1.79\% | 1.88\% | $5.04 \%$ | NA | NA | NA | NA | NA | NA |
|  |  | LK0R14 | w28 | 14.59 | 14.59 | 0.00\% | 0.00\% | 0.00\% | ${ }^{20.76}$ | ${ }^{98.12 \%}$ | 99.60\% | 1.50\% | 1.63\% | 1.66\% | 1.88\% | NA | NA | NA | NA | NA | NA |
|  |  |  | w29 | 30.97 | 30.97 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  |  | w30 | 31.71 | 31.71 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | NA | NA | NA |
|  |  |  | w31 | 20.55 | 20.55 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | N/A | NA | NA |
|  |  |  | w32 | 16.60 | 16.60 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | N/A | N/A | NA |
|  |  |  | w33 | 10.12 | 10.12 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | N/A | N/ | NA |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \hline \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age iff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{array}{\|c\|} \hline \text { APSH } \\ \hline \text { Target } \\ \text { Values } \end{array}$ | $\begin{array}{\|c\|} \hline \text { APSH } \\ \text { Proposed } \end{array}$ | \%age Diff | $\begin{aligned} & \text { Winter } \\ & \text { Target } \\ & \text { Tatulus } \end{aligned}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Winter } \\ \text { Proposed } \end{array} \\ \hline \end{array}$ | Rage Diff |
|  | Upere Ground | LK01R1 | W1 | 8.34 | 8.34 | 0.00\% | -0.87\% | -1.00\% | 9.42 | 99.04\% | 98.79\% | -0.30\% | $2.37 \%$ | 2.36\% | -0.54\% | N/A | N/A | NA | N/ | N/A | NA |
|  |  |  | w2 | 8.62 | 8.62 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ | NA | NA | NA | NA | NA |
|  |  |  | w | 11.51 | 11.51 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | NA | NA | NA |
|  |  |  | w4 | 12.70 | 12.70 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | NA | NA | NA | NA | NA |
|  |  |  | w5 | 8.97 | 8.62 | ${ }^{-3.88 \%}$ |  |  |  |  |  |  |  |  |  | NA | N/ | NA | N/ | NA | NA |
|  |  |  | w6 | 9.91 | 9.91 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | NA | NA | N/A |
|  |  |  | w7 | 8.51 | 8.07 | -5.17\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | NA | NA | N/A |
|  |  |  | ws | 9.32 | 9.43 | 1.25\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | NA | NA | NA |
|  |  |  | w9 | 8.31 | 7.79 | -6.24\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | NA | NA | NA |
|  |  |  | w10 | 8.99 | 9.25 | 4.04\% |  |  |  |  |  |  |  |  |  | N/ | N/ | NA | NA | N/A | NA |
|  |  | BedroomR2 | w11 | 8.33 | 7.71 | -7.45\% | ${ }^{0.22 \%}$ | ${ }^{0.12 \%}$ | ${ }^{8.47}$ | 41233\% | ${ }^{44.42 \%}$ | 7.74\% | 1.30\% | ${ }^{1.30 \%}$ | -0.10\% | NA | N/ | NA | N/ | NA | N/A |
|  |  |  | w12 | 8.57 | 9.23 | 7.69\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | NA | NA | NA |
|  |  | BedroomR3 | w13 | ${ }^{8.54}$ | 7.74 | 9.32\% | ${ }^{-1.87 \%}$ | -1.72\% | 8.59 | 79.99\% | 75.00\% | -5.55\% | 2.16\% | $2.17 \%$ | 0.39\% | N/A | N/A | NA | N/ | NA | NA |
|  |  |  | w14 | 8.38 | 9.28 | 10.6\% |  |  |  |  |  |  |  |  |  | N/ | N/ | NA | NA | NA | N/ |
|  |  |  | W15 | 9.99 | 7.87 | -13.40\% |  |  |  |  |  |  |  |  |  | N/A | N/ | NA | NA | N/A | N/ |
|  |  |  | w16 | 8.98 | 9.45 | 5.20\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | N/A | N/ | NA |
|  |  | BedroomR4 | W17 | 10.05 | 8.20 | -1836\% | -9.54\% | -.5.50\% | 9.05 | 94.62\% | 98.24\% | ${ }^{3.83 \%}$ | ${ }^{2.74 \%}$ | ${ }^{2.67 \%}$ | -2.65\% | NA | N/A | NA | NA | NA | NA |
|  |  |  | w18 | 9.97 | 9.90 | -0.64\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | N/A |
|  |  | Kictenenp5 | w19 | 11.55 | ${ }^{\text {8. }}$. 8 | -2230\% | -15.52\% | -15.5\% | ${ }^{9.81}$ | 42888\% | 58.12\% | 35.55\% | $1.44 \%$ | 1.34\% | -6.78\% | N/A | N/A | NA | NA | NA | NA |
|  |  |  | w20 | 11.68 | 10.65 | ${ }^{-8.82 \%}$ |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  | BedroomR6 | w21 | 13.85 | 9.88 | -28.62\% | -23.74\% | -23.79\% | 10.68 | ${ }^{41.62 \%}$ | 49.98\% | 20.10\% | 1.11\% | ${ }^{1.23 \%}$ | ${ }^{-12.87 \%}$ | NA | N/A | NA | NA | NA | NA |
|  |  |  | W22 | 14.15 | 11.47 | -18.97\% |  |  |  |  |  |  |  |  |  | N/ | N/A | N/ | NA | NA | NA |
| Beers suuling | Fist | LKıR1 | $\mathrm{w}_{1}$ | 12.79 | 12.79 | 0.00\% | -1.09\% | -1.18\% | ${ }^{12.96}$ | 99.78\% | 99.59\% | -0.99\% | 3.25\% | 3.23\% | -0.61\% | NA | N/A | NA | NA | NA | NA |
|  |  |  | w2 | 13.47 | 13.47 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | N/ | NA |
|  |  |  | w | 15.12 | 15.12 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | NA | N/A | N/ |
|  |  |  | w4 | 15.80 | 15.80 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | NA | N/ | N/ |
|  |  |  | w5 | 12.59 | 12.12 | -3.73\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  |  | w6 | 13.07 | 13.09 | 0.11\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | NA | NA | NA |
|  |  |  | ${ }^{\text {w }}$ | 12.02 | 11.43 | -4.93\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | N/ | NA |
|  |  |  | ws | 12.42 | 12.51 | 0.69\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | N/ | N/ | N/ |
|  |  |  | w9 | 11.74 | 11.04 | -5.90\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | NA | NA | N/A |
|  |  |  | w10 | 12.04 | 12.27 | 1.93\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | N/ | NA | NA |
|  |  | LK01R2 | w11 | 11.73 | 10.90 | -7.05\% | -3.86\% | -3.84\% | 11.57 | ${ }^{8232 \%}$ | 70.99\% | -13.8\% | 2.02\% | 2.00\% | -1.19\% | NA | N/A | NA | N/A | NA | NA |
|  |  |  | w12 | 11.81 | 12.18 | 3.16\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  |  | $W_{13}$ | 11.91 | 10.85 | -8.93\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | NA | N/A | NA |
|  |  |  | ${ }_{\text {W }}{ }^{\text {W }} 15$ | 11.94 1236 | 12.20 1093 | 2.20\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | NA | N/A | NA |
|  |  |  | ${ }_{\text {W15 }}$ | 12.36 12.44 | 10.93 123 | $.11 .50 \%$ <br> $.0 .91 \%$ |  |  |  |  |  |  |  |  |  | NA NA | N/A | N/A | N/A | N/ | NA |
|  |  |  | w16 $W_{17}$ | 12.44 13.26 | 12.33 1124 | $-0.91 \%$ $.15 .21 \%$ |  |  |  |  |  |  |  |  |  | N/ | N/ | NA | N/A | NA | NA |
|  |  | BedroomR3 | ${ }_{\text {W }} 18$ | ${ }^{13.26}$ | 12.80 | ${ }^{-15.429 \%}$ | -9.92\% | -9.95\% | 12.02 | 59.74\% | 70.91\% | 18.99\% | 1.96\% | 1.88\% | -4.7\% | N/A | N/A | NA | NA | N/A | NA |
|  |  | Living RoomR4 | w19 | 14.67 | 11.94 | -18.5\% | -22.52\% | -20.89\% | 13.54 | 89.53\% | 88.47\% | ${ }^{-1.18 \%}$ | 226\% | 1.99\% | -12.43\% | NA | N/A | NA | NA | N/A | NA |
|  |  |  | w2o | 15.03 | ${ }^{13.53}$ | -9.94\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  |  | ${ }^{W} 21$ | 16.73 | 12.80 | -23.52\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  |  | ${ }_{\text {W } 22}$ | 17.28 19.69 | 12.30 13.61 | $-17.21 \%$ $.3086 \%$ |  |  |  |  |  |  |  |  |  | N/ | N/ | NA | NA | N/A | NA |
|  |  |  | ${ }_{\text {W23 }}{ }_{\text {W2 }}$ | 19.69 20.09 | 13.61 15.03 | $.30 .86 \%$ $-25.21 \%$ |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | NA | N/A | NA |



|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c} \begin{array}{c} \text { Mean Window \%age } \\ \text { Diff } \end{array} \\ \hline \end{array}$ | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{gathered} \text { APSH } \\ \begin{array}{c} \text { Arget } \\ \text { values } \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { PPSH } \begin{array}{l} \text { Proposed } \end{array} . \end{aligned}$ | \%age Diff | $\begin{array}{\|l\|l} \hline \text { Winter } \\ \text { Target } \\ \text { values } \end{array}$ | $\begin{aligned} & \text { Winter } \\ & \text { Proposed } \end{aligned}$ | Rage Diff |
| Beerys Suilding | Third Mezannine | Bedroom/R3 | ${ }^{6} 7$ | ${ }^{23.84}$ | 21.79 | ${ }^{-8.59 \%}$ | -9.08\% | -9.07\% | 22.32 | 99.55\% | 99.78\% | -0.17\% | 2.48\% | 2.30\% | ${ }^{-7.41 \%}$ | NA | N/ | NA | N/A | N/ | NA |
|  |  |  | w8 | 25.25 | 22.84 | -9.54\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | N/A | NA | NA |
|  |  | BeatromR4 | w9 | 26.79 | 23.99 | -10.46\% | -10.46\% | -10.46\% | 23.99 | 95.3\% | 95.99\% | 0.05\% | 1.95\% | 1.78\% | -8.50\% | N/A | NA | NA | N/A | NA | NA |
|  |  | BedroomR5 | w10 | 22.86 | 19.60 | .1428\% | -14.28\% | -14.28\% | 19.60 | 99.94\% | 99.96\% | 0.02\% | 2.26\% | 2.00\% | -11.22\% | NA | N/ | NA | NA | NA | NA |
|  |  | BedroomR6 | w11 | 25.13 | 21.23 | -15.52\% | 15.98\% | -15.96\% | ${ }^{21.81}$ | 99.39\% | 99.34\% | ${ }^{-0.05 \%}$ | 2.06\% | 1.81\% | -12.10\% | NA | N/ | NA | NA | NA | NA |
|  |  |  | W12 | 26.79 | ${ }^{22.39}$ | -16.41\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | N/ | NA | NA |



| Address | Floor Level | Room Name | Window ID | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \hline \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Target values | Proposed | \%age Diff | Target values | Proposed | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { APSH } \\ \text { Target } \\ \text { Vavues } \end{array}$ | $\begin{array}{\|c\|} \hline \text { APSH } \\ \text { Proposed } \end{array}$ | \%age Diff | $\begin{aligned} & \text { Winter } \\ & \begin{array}{c} \text { Tiagget } \\ \text { Varues } \end{array} \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { Winter } \\ \text { Proposed } \\ \hline \end{array}$ | Rage Diff |
| Hamilon House | Second | BedroomR11 | W15 | 34.18 | 34.18 | 0.00\% | $0.00 \%$ | 0.00\% | 34.18 | ${ }^{98.15 \%}$ | ${ }_{98.0 \%}$ | ${ }^{\text {0.1.6\% }}$ | ${ }_{1.74 \%}$ | ${ }^{1.74 \%}$ | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | เK01R12 | w16 | 17.73 | 17.73 | 0.00\% | 13.6\% | 13.36\% | 30.19 | 99.3\% | 98.67\% | -0.46\% | 5.44\% | 5.67\% | 4.23\% | 0 | , | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  |  | w17 | ${ }^{36} 33$ | 36.30 | -0.07\% |  |  |  |  |  |  |  |  |  | 0 | , | 0.00\% | 0 | 0 | $0^{0.00 \%}$ |
|  |  |  | W18 | 26.73 | 33.42 | 25.04\% |  |  |  |  |  |  |  |  |  | 49 | ${ }^{64}$ | 30.61\% | 8 | 22 | 175.00\% |
|  |  |  | w19 | 25.94 | 33.32 | 28.46\% |  |  |  |  |  |  |  |  |  | 49 | ${ }^{64}$ | 30.61\% | 10 | 22 | 120.00\% |
|  |  | BeatromRR13 | W20 | 23.39 | 32.62 | 39.43\% | 39.43\% | 39.43\% | 32.62 | $63.47 \%$ | 95.37\% | 50.25\% | 0.78\% | 1.00\% | 28.42\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | BedroomR14 | W21 | 19.83 | 31.24 | 57.56\% | 57.5\% | 57.5\% | 31.24 | 29.30\% | 90.21\% | 207.87\% | 1.61\% | 220\% | 36.78\% | 0 | 0 | 0.00\% | $\bigcirc$ | 0 | 0.00\% |
|  |  | BedroomR15 | W22 | 20.09 | 30.97 | $54.14 \%$ | $54.14 \%$ | $54.14 \%$ | 30.97 | 42.38\% | 98.21\% | 131.74\% | 1.04\% | 1.42\% | 36.56\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedroomR16 | W23 | 21.70 | 32.48 | 4.99\% | 49.69\% | 4.99\% | 32.48 | 16.27\% | 7.8.1\% | $372.17 \%$ | 0.33\% | ${ }^{0.45 \%}$ | 37.51\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R17 | w24 | 22.02 | 32.66 | 48.35\% | 48.35\% | 48.35\% | 32.66 | 41.22\% | 100.00\% | 140.25\% | 2.16\% | 287\% | 32.45\% | ${ }^{43}$ | 62 | 44.19\% | 12 | ${ }^{20}$ | 66.67\% |
|  |  | LK01R18 | W25 | 22.76 | 32.63 | 43.36\% | 43.36\% | 43.36\% | 32.63 | 50.26\% | 99.97\% | 98.91\% | 230\% | 2.97\% | 29.48\% | ${ }^{47}$ | ${ }^{65}$ | 38.30\% | 15 | ${ }^{21}$ | 40.00\% |
|  |  | BedroomR19 | W26 | 24.31 | 32.72 | 34.59\% | 34.59\% | 34.59\% | 32.72 | 44.04\% | 86.00\% | 95.30\% | 0.38\% | 0.488 | 26.87\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | BedroomR20 | W27 | 24,82 | 32.63 | 31488\% | 314.88\% | 31488\% | 3263 | 43.81\% | 94.31\% | 115.26\% | 1.22\% | $1.24 \%$ | 21222\% | 0 | 0 | 0.00\% | $\bigcirc$ | 0 | 0.00\% |
|  | Third | BedtoomR1 | $\mathrm{w}_{1}$ | 27.01 | 27.01 | 0.00\% | 0.00\% | 0.00\% | 27.01 | 89.53\% | 89.53\% | 0.00\% | 2.00\% | 2.00\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | <ко®2 | w2 | 17.35 | 17.35 | 0.00\% | 0.00\% | 0.00\% | 27.17 | 99.10\% | ${ }^{99.09 \%}$ | ${ }^{-0.01 \%}$ | ${ }^{3.39 \%}$ | ${ }^{3.39 \%}$ | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | LKDR2 | w3 | 36.99 | 36.99 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | <KDR3 | w4 | 36.85 | 36.84 | -0.03\% | 0.30\% | -..53\% | 25.01 | 100.00\% | 100.00\% | 0.00\% | 3.52\% | 3.52\% | -0.07\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | ws | 13.31 | 13.18 | -1.03\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | Betroom/R4 | w6 | 25.68 | 25.67 | -0.03\% | -0.03\% | ${ }^{-0.03 \%}$ | 25.67 | 100.00\% | 100.00\% | 0.00\% | 2.78\% | 2.78\% | -0.02\% | 0 | 0 | 0.00\% | $\bigcirc$ | 0 | 0.00\% |
|  |  | BedroomR5 | w7 | 34.85 | 34.85 | 0.00\% | 0.00\% | 0.00\% | 34.85 | 98.3\% | ${ }^{98.43 \%}$ | 0.11\% | 1.99\% | 1.99\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | Bedroom/F6 | ws | 34.70 | 34.70 | 0.00\% | 0.00\% | 0.00\% | 34.70 | 98.97\% | 99.06\% | 0.09\% | 1.69\% | 1.69\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedioomR7 | w9 | 26.25 | 26.25 | 0.00\% | 0.00\% | 0.00\% | 26.25 | 99.96\% | 99.89\% | -0.07\% | 2.54\% | 2.59\% | 0.00\% | 0 | 0 | $0.000 \%$ | $\bigcirc$ | 0 | 0.00\% |
|  |  | LK01R8 | w10 | 15.96 | 15.96 | 0.00\% | 0.00\% | $0.00 \%$ | ${ }^{26.32}$ | 99.96\% | 99.96\% | 0.00\% | $3.37 \%$ | 3.37\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  |  | w11 | 36.68 | 36.68 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | <korg | W12 | 36.60 | 36.58 | 0.05\% | ${ }^{-0.38 \%}$ | -0.66\% | 24.84 | 96.62\% | 96.70\% | 0.09\% | 3.07\% | 3.07\% | -0.11\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | W13 | 13.26 | 13.09 | 1.27\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BeatromRR10 | W14 | 25.84 | 25.84 | -0.01\% | -0.01\% | -0.01\% | 25.84 |  | 96.76\% | $0.00 \%$ | 2.11\% | 2.11\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | BedroomR11 | w15 | 34.65 | 34.65 | 0.00\% | 0.00\% | 0.00\% | 34.65 | 98.16\% | 98.0\%\% | -0.16\% | 1.78\% | 1.78\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R12 | w16 | 18.20 | 18.20 | 0.00\% | ${ }_{9.44 \%}$ | 9.23\% | ${ }^{30.83}$ | 99.12\% | 99.37\% | 0.25\% | 5.59\% | 5.77\% | 3.18\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w17 | 36.80 | 36.77 | -0.07\% |  |  |  |  |  |  |  |  |  | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  |  | W18 | 29.17 | 34.22 | 17.34\% |  |  |  |  |  |  |  |  |  | 55 | 64 | 16.36\% | ${ }^{13}$ | 22 | 69.33\% |
|  |  |  | w19 | 28.53 | 34.14 | 19.67\% |  |  |  |  |  |  |  |  |  | 54 | ${ }^{64}$ | 18.52\% | 12 | 22 | ${ }^{83.33 \%}$ |
|  |  | BedroomR13 | W20 | 26.60 | 33.47 | 25.55\% | 25.55\% | 25.55\% | 33.47 | ${ }^{73.48 \%}$ | 94,44\% | 29.08\% | 0.85\% | 1.02\% | 19.72\% | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  | Bedroom/R14 | w21 | 23.34 | 32.13 | 37.61\% | 37.61\% | 37.61\% | 32.13 | 48.96\% | 90.28\% | 84.37\% | 1.80\% | 2.26\% | 25.36\% | 0 | 0 | $0.000 \%$ | 0 | 0 | 0.00\% |
|  |  | BedroomR15 | W22 | 23.86 | 31.93 | 33.33\% | 33.33\% | 33.83\% | 31.93 | 53.9\%\% | 98.21\% | 82.91\% | 1.17\% | 1.45\% | 24.35\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | Bedroom/R16 | W23 | 25.52 | 33.48 | 3123\% | 3123\% | 3123\% | 33.48 | 26.72\% | 79.28\% | 196.71\% | 0.37\% | 0.46\% | 24.61\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R17 | W24 | 25.82 | 33.74 | 30.69\% | 30.69\% | 30.69\% | 33.74 | 49.55\% | 100.00\% | 101.82\% | $247 \%$ | 3.01\% | 22.08\% | 51 | ${ }^{63}$ | ${ }^{23.53 \%}$ | 15 | ${ }^{21}$ | 40.00\% |
|  |  | LK01R18 | W25 | 26.48 | 33.76 | 27.49\% | 27.49\% | 27.99\% | 33.76 | 6172\% | 99.97\% | 61.98\% | 2.61\% | 3.33\% | 20.00\% | ${ }^{56}$ | 67 | 19.64\% | 17 | 22 | $29.41 \%$ |
|  |  | BedroomR19 | W26 | 27.89 | 33.91 | 21.59\% | 21.59\% | 21.59\% | 33.91 | 57.71\% | 87.22\% | 51.13\% | $0.422 \%$ | 0.49\% | 17.48\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedroomR20 | w 27 | 28.31 | 33.88 | 19.67\% | 19.67\% | 19.67\% | 33.88 | 57.53\% | 96.37\% | 67.51\% | 1.11\% | 1.28\% | 15.67\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  | Fourn | BedroomR1 | w | 27.41 | 27.41 | 0.00\% | 0.00\% | 0.00\% | 27.41 | 89.50\% | 89.50\% | 0.00\% | 2.02\% | 2.02\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LKDR2 | w2 | 17.50 | 17.50 | 0.00\% | 0.00\% | 0.00\% | 27.41 | 99.11\% | 99.10\% | 0.001\% | $3.41 \%$ | $3.41 \%$ | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w3 | 37.33 | 37.33 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | <коR3 | w/ | 37.20 | 37.19 | -0.03\% | -0.26\% | -0.47\% | 25.22 | 100.00\% | 100.00\% | 0.00\% | 3.53\% | 3.53\% | -0.07\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  |  | w5 | 13.38 | 13.26 | 0.92\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | BedroomR4 | w6 | 26.05 | 26.05 | -0.02\% | -0.02\% | -0.02\% | 26.05 | 100.00\% | 100.00\% | 0.00\% | $2.80 \%$ | $2.80 \%$ | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedtoomR5 | w7 | 35.24 | 35.24 | 0.00\% | 0.00\% | 0.00\% | 35.24 | 97.88\% | 97.59\% | 0.11\% | 1.50\% | 1.50\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | Bedioom/R6 | ws | 35.09 | 35.09 | 0.00\% | 0.00\% | 0.00\% | 35.09 | 97.49\% | 97.59\% | 0.10\% | 1.70\% | 1.70\% | 0.00\% | - | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedioomR7 | w9 | 26.57 | 26.57 | 0.00\% | 0.00\% | 0.00\% | 26.57 | 99.96\% | 99.89\% | -0.07\% | 2.56\% | 2.56\% | 0.00\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | LK01R8 | w10 | 15.92 | 15.92 | 0.00\% | 0.00\% | 0.00\% | 26.29 | ${ }^{99.96 \%}$ | 99.96\% | 0.00\% | ${ }^{3.38 \%}$ | ${ }^{3.33 \%}$ | ${ }^{0.00 \%}$ | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  |  | w11 | 36.66 | 36.66 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |



|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target values | Proposed | Window \%age Diff | Mean Window \%age Diff | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{gathered} \text { APSH } \\ \begin{array}{c} \text { TPaget } \\ \text { Values } \end{array} \end{gathered}$ | $\begin{aligned} & \text { APSH } \\ & \text { Proposed } \end{aligned}$ | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { Winter } \\ \text { Target } \\ \text { values } \end{array}$ | $\begin{gathered} \text { Winter } \\ \text { Proposed } \end{gathered}$ | Rage Diff |
| Hamilon House | Sixh | LK01R7 | w10 | ${ }^{22.45}$ | 22.18 | ${ }^{-1.22 \%}$ | -0.51\% | -0.61\% | 26.85 | 97.35\% | 97.33\% | ${ }^{-0.02 \%}$ | ${ }^{3.19 \%}$ | 3.9\% | 0.05\% | ${ }^{46}$ | ${ }^{44}$ | ${ }^{-4.35}$ | ${ }^{20}$ | ${ }^{18}$ | -10.00\% |
|  |  |  | w13 | 31.53 | 31.53 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  | <ко尺8 | w11 | 23.82 | 23.82 | $0.00 \%$ | 0.00\% | 0.00\% | 26.36 | 99.36\% | 99.19\% | -0.6\% | 1.25\% | 1.25\% | -0.00\% | ${ }^{48}$ | 47 | -2.08\% | 22 | ${ }^{21}$ | -4.55\% |
|  |  |  | w12 | 28.90 | 28.90 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  | Sevent | LK0/R1 | w1 | 33.58 | 38.56 | -0.03\% | -0.03\% | -0.03\% | 38.56 | 98.86\% | 99888\% | 0.02\% | 3.61\% | 3.61\% | -0.02\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |



|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Existing | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Existing | Proposed | \%age Diff | Existing | Proposed | \%age Diff | $\begin{gathered} \text { APSH } \\ \text { Existing } \end{gathered}$ | $\begin{aligned} & \text { Proposed } \\ & \text { Prod } \end{aligned}$ | \%age Diff | $\begin{gathered} \text { Winter } \\ \text { Existing } \end{gathered}$ | $\begin{array}{\|c} \hline \text { Winter } \\ \text { Proposed } \end{array}$ | zage Diff |
| ${ }^{22}$ Pall Mall | Fist | LKolR1 | w1 | 14.00 | 13.07 | ${ }^{-6.63 \%}$ | ${ }^{-3.2 \%}$ | ${ }^{-3.5 \%}$ | 27.87 | $97.34 \%$ | 973.39\% | 0.00\% | 3.20\% | 3.2\% | -2.50\% | NA | NA | NA | NA | N/A | NA |
|  |  |  | w2 | 32.73 | ${ }^{31.81}$ | -2.81\% |  |  |  |  |  |  |  |  |  | ${ }^{62}$ | ${ }^{61}$ | ${ }^{-1.611^{\prime}}$ | ${ }^{18}$ | ${ }^{17}$ | ${ }^{5.56 \%}$ |
|  |  |  | w3 | 32.62 | 31.72 | -278\% |  |  |  |  |  |  |  |  |  | NA | NA | N/A | N/A | N/A | N/ |
|  |  |  | w4 | 32.43 | 31.55 | -2.72\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/A | NA |
|  |  |  | w5 | 32.05 | 31.19 | -2.68\% |  |  |  |  |  |  |  |  |  | NA | NA | N/A | N/A | N/ | N/ |
|  | Second | LK0/R1 | w1 | 13.18 | 12.38 | -6.19\% | -2.60\% | -3.03\% | 29.19 | ${ }^{97.36 \%}$ | 97.36\% | 0.00\% | $2.87 \%$ | 2.81\% | $-2.24 \%$ | NA | NA | NA | NA | NA | N/ |
|  |  |  | w2 | 34.26 | 33.47 | -2.33\% |  |  |  |  |  |  |  |  |  | ${ }^{68}$ | ${ }^{66}$ | $-2.94 \%$ | ${ }^{24}$ | 22 | ${ }^{8.33 \%}$ |
|  |  |  | w3 | 34.26 | 33.48 | -228\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/A | N/A |
|  |  |  | w4 | 34.18 | 33.42 | -2.24\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | N/A | NA | NA |
|  |  |  | w5 | 33.94 | 33.20 | -2.19\% |  |  |  |  |  |  |  |  |  | NA | NA | N/ | N/A | NA | NA |
|  | Third | <kD/R1 | w1 | 13.74 | 13.03 | 5.20\% | ${ }^{-1.61 \%}$ | -2.06\% | 35.00 | ${ }^{97.52 \%}$ | 97,52\% | 0.00\% | 5.71\% | ${ }^{5.62 \%}$ | -1.55\% | NA | NA | NA | NA | N/A | NA |
|  |  |  | w2 | 35.46 | 34.77 | -1.93\% |  |  |  |  |  |  |  |  |  | 69 | ${ }^{68}$ | ${ }^{-1.45 \%}$ | ${ }^{24}$ | ${ }^{23}$ | -4.17\% |
|  |  |  | w3 | 35.55 | 34.88 | -1.88\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/A | NA | N/A | N/ |
|  |  |  | w4 | 35.41 | 34.76 | 1.85\% |  |  |  |  |  |  |  |  |  | NA | NA | N/ | NA | NA | N/ |
|  |  |  | w5 | 36.42 | 35.84 | -1.61\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | NA | N/ |
|  |  |  | w6 | 34.78 | 34.15 | ${ }^{-1.82 \%}$ |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/ | N/A |
|  |  |  | w7 | 57.64 | 57.59 | 0.10\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | N/ | NA | N/ |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Existing | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \hline \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Existing | Proposed | \%age Diff | Existing | Proposed | \%age Diff | $\begin{array}{\|c} \text { APSH } \\ \text { Existing } \end{array}$ | $\begin{array}{\|c\|} \hline \text { APSH } \\ \text { Proposed } \end{array}$ | \%age Diff | $\begin{aligned} & \text { Winter } \\ & \text { Existing } \end{aligned}$ | $\begin{array}{\|l\|l} \hline \text { Winter } \\ \text { Proposed } \end{array}$ | Rage Diff |
| $\begin{gathered} 51-55 \text { Highfield } \\ \text { Street } \end{gathered}$ | Lower Ground | Living Room/R1 | ${ }^{\text {w }}$ | ${ }^{34.53}$ | ${ }^{34.25}$ | ${ }^{-0.819 \%}$ | ${ }^{-0.80 \% \%}$ | ${ }^{-0.80 \% \%}$ | ${ }^{34.24}$ | ${ }^{96.22 \%}$ | 96.22\% | 0.00\% | 0.83\% | 0.82\% | -0.73\% | ${ }^{76}$ | ${ }^{76}$ | ${ }^{0.00 \%}$ | ${ }^{26}$ | ${ }^{26}$ | ${ }^{0.00 \%}$ |
|  |  |  | w2 | ${ }^{34.49}$ | ${ }^{34.22}$ | -0.78\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | NA | N/A | NA |
|  |  | BedroomR2 | w | 34.45 | 34.19 | -0.74\% | ${ }^{-0.39 \%}$ | -0.36\% | ${ }^{32.11}$ | 96.96\% | 96.96\% | 0.00\% | 1.43\% | 1.43\% | -0.40\% | NA | NA | NA | NA | NA | NA |
|  |  |  | w4 | 34.36 | 34.11 | -0.72\% |  |  |  |  |  |  |  |  |  | N/ | N/ | N/ | NA | NA | NA |
|  |  |  | ws | 30.11 | 30.11 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/A | NA |
|  |  |  | w6 | 30.03 | 30.03 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | N/ | N/A | N/ |
|  | Ground | BetroomP1 | $w_{1}$ | 6.20 | 6.20 | 0.00\% | 0.00\% | 0.00\% | 9.76 | 88.15\% | 88.15\% | 0.00\% | 2.86\% | 2.86\% | 0.00\% | NA | N/ | N/ | NA | N/A | NA |
|  |  |  | w2 | 6.14 | 6.14 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ | N/A | N/A | N/ | N/A | N/ |
|  |  |  | w | 11.22 | 11.22 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | N/ | N/ | NA | NA | N/ |
|  |  |  | w4 | 12.17 | 12.17 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | NA | N/A | NA |
|  |  |  | w5 | 13.09 | 13.09 | 0.00\% |  |  |  |  |  |  |  |  |  | N/A | N/ | N/A | NA | N/A | N/ |
|  |  | BedroomR2 | w6 | 20.10 | 19.96 | -0.74\% | 0.78\% | -0.77\% | 27.58 | ${ }^{82} 39 \%$ | 82.39\% | 0.00\% | 1.43\% | 1.42\% | -0.75\% | N/ | N/ | N/ | NA | NA | NA |
|  |  |  | w7 | 35.49 | 35.21 | -0.80\% |  |  |  |  |  |  |  |  |  | N/ | N/ | N/A | NA | NA | N/ |
|  |  | BedioomR3 | ws | 35.48 | 35.20 | -0.78\% | -0.78\% | -0.78\% | 35.20 | 98.77\% | 98.77\% | 0.00\% | 2.02\% | $2.00 \%$ | 0.72\% | N/A | NA | N/A | NA | NA | NA |
|  |  | BedroomR4 | w9 | 35.55 | 35.29 | -0.74\% | -0.72\% | -0.74\% | 35.29 | 95.62\% | 95.62\% | 0.00\% | 1.26\% | 1.26\% | -0.72\% | N/A | NA | N/A | NA | N/A | N/ |
|  |  | KithenR5 | w10 | 35.53 | 35.27 | -0.72\% |  | -0.72\% | 35.22 | ${ }^{93} 30 \%$ | ${ }^{93} 29 \%$ | 0.00\% | 1.96\% | 1.95\% | -0.67\% | N/A | N/ | N/ | NA | N/A | NA |
|  |  |  | w11 | 35.42 | 35.16 | -0.71\% |  |  |  |  |  |  |  |  |  | N/ | N/ | NA | NA | N/A | N/ |
|  |  | BetroomP6 | w12 | 35.45 | 35.21 | -0.68\% | -0.35\% | 0.34\% | 33.69 | $98.87 \%$ | 98.87\% | 0.00\% | 2.68\% | ${ }^{2.67 \%}$ | ${ }^{-0.63 \%}$ | N/ | N/ | N/ | NA | NA | NA |
|  |  |  | W13 | 35.40 | 35.16 | -0.66\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  |  | W14 | 31.70 | 31.70 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/A | N/ |
|  |  |  | w15 | 32.69 | 32.69 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | NA | NA | N/ |
|  |  | BedroomR1 | w | 8.02 | 8.02 | 0.00\% | -128\% | -1.07\% | 19.86 | 98.34\% | 98.34\% | 0.00\% | 4.33\% | 4.10\% | 0.76\% | NA | N/ | N/A | NA | NA | N/ |
|  | Fist |  | w2 | 22.47 | 22.13 | -1.48\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | NA | N/A | N/A |
|  |  |  | w3 | 24.19 | 23.84 | -1.42\% |  |  |  |  |  |  |  |  |  | NA | NA | N/A | NA | N/A | NA |
|  |  |  | w4 | 25.79 | 25.44 | -1.37\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | NA | NA |
|  |  | KitchennR2 | ws | 25.08 | 24.99 | ${ }^{-0.38 \%}$ | -0.38\% | -0.38\% | 24.99 | 98.63\% | $98.63 \%$ | $0.000 \%$ | 0.92\% | 0.91\% | -.82\% | N/ | NA | N/A | NA | NA | N/A |
|  |  | BedtoomR3 | w6 | 36.84 | 36.58 | -0.70\% | -0.70\% | -0.70\% | 36.58 | ${ }^{89.59 \%}$ | ${ }^{89.59 \%}$ | 0.00\% | 1.38\% | 1.37\% | -0.67\% | N/ | NA | N/A | NA | NA | NA |
|  |  | BedroomR4 | w7 | 36.86 | 36.60 | -0.69\% | -0.69\% | -0.69\% | 36.60 | $96.71 \%$ | $96.71 \%$ | 0.00\% | 1.67\% | 1.66\% | -0.65\% | N/ | NA | N/A | NA | N/A | NA |
|  |  | Bedtoomp5 | w8 | 36.86 | 36.62 | -0.66\% | -0.65\% | ${ }^{-0.65 \%}$ | 36.62 | 99.59\% | 99.59\% | 0.00\% | ${ }^{3.31 \%}$ | 3.29\% | -0.62\% | NA | NA | NA | NA | NA | NA |
|  |  |  | w9 | 36.86 | 36.63 | -0.64\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  | BetroomR6 | w10 | 36.86 | 36.64 | -0.60\% | -0.40\% | -0.40\% | 36.60 | 99.13\% | 99.13\% | 0.00\% | 4.48\% | 4.47\% | -0.39\% | NA | N/A | N/ | NA | NA | NA |
|  |  |  | w11 | 36.86 | 36.64 | -0.59\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  |  | w12 | 36.52 | 36.52 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ | NA | NA | NA | N/ | NA |
|  | Second | BedroomR1 | $w_{1}$ | ${ }^{73.78}$ | ${ }^{73.76}$ | -0.02\% | -0.12\% | -0.11\% | 78.15 | 100.00\% | 100.00\% | 0.00\% | 3.0\% | 3.0\% | -0.04\% | N/A | N/A | N/A | NA | N/A | NA |
|  |  |  | w2 | 82.71 | 82.54 | -0.20\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  | BedroomR2 | ${ }^{\text {w }}$ | 86.65 | 86.49 | -0.19\% | -0.9\% | -0.19\% | 87.05 | 100.00\% | 100.00\% | 0.00\% | 3.33\% | ${ }^{3.33 \%}$ | -0.06\% | N/A | N/A | N/A | NA | NA | N/A |
|  |  | Bedroomk2 | w4 | 88.77 | 87.60 | -0.18\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  | BetioomR3 | w5 | 88.67 | 88.51 | -0.18\% | 0.18\% | -0.18\% | 88.59 | 100.00\% | 100.00\% | 0.00\% | ${ }^{3.35 \%}$ | ${ }^{3.44 \%}$ | -0.05\% | N/A | N/A | N/A | NA | NA | NA |
|  |  |  | w6 | 88.82 | 88.66 | -0.17\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/A | NA |
|  |  | Kithenr/4 | ${ }^{\text {w }}$ | 88.54 | 88.39 | 0.17\% | 0.17\% | -0.17\% | 88.39 | 99.93\% | 99.33\% | 0.00\% | 1.98\% | 1.99\% | -0.05\% | N/A | N/A | N/A | NA | NA | NA |
|  |  | Bediromm5 | ws | ${ }_{8889}^{88}$ | 88.66 8911 | ${ }^{-0.10 \% \%}$ | -0.16\% | $-0.16 \%$ | ${ }^{88.89}$ | $98.00 \%$ | $98.00 \%$ | $0.00 \%$ | $3.03 \%$ | 3.03\% | -0.03\% | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w9 | ${ }^{89.25}$ | 89.11 | ${ }^{-0.16 \%}$ |  |  |  |  |  |  |  |  |  | NA | N/A | N/ | N/A | N/A | N/A |





|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \hline \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room orage Dift | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { APSH } \\ \text { Target } \\ \text { values } \end{array}$ |  | \%age Diff | $\begin{array}{\|c\|c\|} \hline \text { Wintiter } \\ \text { Targyet } \\ \text { values } \end{array}$ |  | \&age D |
| 40 - 44 Pal mal | Fith | <K0/R1 | w1 | 38.45 | ${ }^{38.47}$ | 0.05\% | 11.68\% | 16.59\% | 30.70 | 98.88\% | 98.88\% | 0.00\% | 2.56\% | 2.89\% | 12.72\% | NA | NA | NA | NA | NA | NA |
|  |  |  | w2 | 14.05 | 18.72 | ${ }^{33.22 \%}$ |  |  |  |  |  |  |  |  |  | 29 | 34 | 17.24\% | $\stackrel{9}{ }$ | ${ }^{13}$ | $4.4 .49 \%$ |
|  |  |  | w3 | 29.97 | 34.92 | 16.51\% |  |  |  |  |  |  |  |  |  | N/A | NA | N/A | N/A | N/A | NA |
|  |  | BedroomR2 | w4 | 29.66 | 34.74 | 17.11\% | 18.55\% | 19.33\% | 28.97 | 88.55\% | 9226\% | 3.72\% | 1.13\% | 1.28\% | 13.26\% | N/ | N/ | N/A | N/A | N/A | NA |
|  |  |  | w5 | 19.10 | 23.21 | ${ }^{21.54 \%}$ |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  | BedtoomR3 | w6 | 24.59 | 27.72 | 12.71\% | 1222\% | 122.2\% | 27.03 | 96.36\% | 96.36\% | 0.00\% | 2.21\% | ${ }^{237 \%}$ | ${ }^{7.23 \%}$ | NA | NA | NA | NA | NA | N/A |
|  |  |  | w7 | 23.57 | ${ }^{26.33}$ | 11.71\% |  |  |  |  |  |  |  |  |  | N/ | NA | NA | N/A | NA | NA |
|  |  | BedroomR4 | ws | 29.54 | 32.60 | 10.37\% | 10.37\% | 10.37\% | 32.60 | 97.89\% | 97.89\% | 0.00\% | 1.92\% | 2.09\% | 8.32\% | NA | NA | N/A | N/ | N/A | NA |
|  |  | BedtoomR5 | w9 | 27.89 | 31.54 | 13.07\% | 13.07\% | 13.7\% | 31.54 | ${ }^{98.87 \%}$ | ${ }_{98.87 \%}$ | 0.00\% | 2.18\% | 2.36\% | 8.20\% | N/ | NA | NA | N/ | NA | NA |
|  |  | LK01R6 | w10 | 23.39 | 27.05 | 15.63\% | 15.63\% | 15.63\% | 27.05 | 94.36\% | 99.97\% | 5.95\% | 1.68\% | 1.85\% | 10.23\% | 49 | 52 | ${ }^{6.12 \%}$ | 19 | ${ }^{20}$ | 5.26\% |
|  |  | BedtoomR7 | $w_{11}$ | 27.37 | 31.05 | 13.43\% | 13.43\% | 13.43\% | 31.05 | 99.90\% | 99.90\% | 0.00\% | $2.64 \%$ | 2.86\% | 8.39\% | NA | NA | NA | N/ | N/A | NA |
|  |  | BedtoomR8 | W12 | 27.61 | 31.28 | 1328\% | 1328\% | 13.28\% | 31.28 | 99.52\% | 99.52\% | 0.00\% | 2.25\% | 2.43\% | 8.38\% | NA | NA | NA | NA | NA | NA |
|  |  | LK01R9 | w13 | 22.81 | 26.44 | 15.90\% | 15.90\% | 15.90\% | 26.44 | 95.45\% | 99.99\% | 4.76\% | 1.65\% | 1.83\% | 10.47\% | 45 | 49 | ${ }^{8.89 \%}$ | 17 | 18 | ${ }^{5.88 \%}$ |
|  |  | LKor/10 | w14 | 22.97 | 26.56 | 15.62\% | 15.62\% | 15.62\% | 26.56 | 95.55\% | 99.96\% | 5.17\% | 1.63\% | 1.80\% | 10.32\% | ${ }_{51}$ | 54 | 5.88\% | 19 | 20 | ${ }^{5.26 \%}$ |
|  |  | Bedrom/R11 | W15 | 28.17 | 31.73 | 12.65\% | 12.65\% | 12.65\% | ${ }^{31.73}$ | 98.92\% | 98.92\% | 0.00\% | 2.11\% | 2.28\% | 8.16\% | NA | NA | NA | N/ | N/ | N/ |
|  |  | BediommR12 | w16 | 29.39 | 32.94 | 12.08\% | 12.08\% | 12.08\% | 32.94 | 99.97\% | 99.97\% | 0.00\% | 2.70\% | 2.93\% | 8.29\% | N/A | NA | NA | N/ | N/ | N/ |
|  |  | Bedrom/R13 | W17 | 28.77 | 31.68 | 10.11\% | 10.11\% | 10.11\% | 31.68 | 97.74\% | 97.74\% | 0.00\% | 1.99\% | $2.14 \%$ | 7.85\% | NA | NA | N/A | N/ | N/ | NA |
|  |  | LK01R14 | w18 | 23.05 | 26.37 | 14.44\% | 14.49\% | 14.49\% | 26.37 | 95.49\% | 99.93\% | 4.71\% | $1.84 \%$ | 2.02\% | $9.61 \%$ | 46 | 50 | ${ }^{8.70 \%}$ | 15 | ${ }^{18}$ | 20.00\% |
|  |  | BedrommR15 | w19 | 27.25 | 30.30 | 11.17\% | 11.17\% | 11.17\% | 30.30 | 99.32\% | 99.32\% | 0.00\% | 3.14\% | 3.35\% | 6.66\% | NA | NA | N/A | N/A | NA | N/ |
|  |  | LK0R16 | w20 | 16.58 | 18.63 | 1237\% | ${ }^{1237 \%}$ | ${ }^{1237 \%}$ | 18.63 | 100.00\% | 100.00\% | 0.00\% | 2.27\% | $247 \%$ | 8.59\% | ${ }^{33}$ | ${ }^{37}$ | ${ }^{12.22 \%}$ | 10 | ${ }^{13}$ | ${ }^{30.00 \%}$ |
|  |  | LK01R17 | w21 | 17.22 | 18.64 | 8.25\% | 8.25\% | 8.25\% | 18.64 | 99.98\% | 99.98\% | 0.00\% | 2.28\% | 2.41\% | $5.47 \%$ | ${ }^{33}$ | ${ }^{36}$ | 9.09\% | 10 | 12 | 20.00\% |
|  |  | BedrommR18 | W22 | 29.15 | 30.35 | 4.13\% | 4.13\% | 4.13\% | 30.35 | 99.25\% | 99.25\% | 0.00\% | 3.58\% | 3.66\% | 2.28\% | NA | NA | NA | N/ | NA | N/A |
|  |  | BedrommR19 | w23 | 38.51 | 38.27 | 0.63\% | 0.63\% | 0.63\% | 38.27 | 96.64\% | 96.64\% | 0.00\% | 1.21\% | 1.20\% | 0.6.1\% | NA | NA | NA | NA | NA | NA |
|  |  | BedrommR20 | w24 | 38.59 | 38.36 | -0.59\% | -0.59\% | -0.59\% | 38.36 | 96.19\% | 96.19\% | 0.00\% | 1.23\% | 1.22\% | ${ }^{-0.57 \%}$ | N/ | NA | N/A | N/ | N/A | NA |
|  |  | Dining RoomR21 | W25 | 38.62 | 38.40 | -0.57\% | 0.57\% | -0.57\% | 38.40 | 97.46\% | 97.46\% | 0.00\% | 1.55\% | 1.59\% | ${ }^{-0.56 \%}$ | N/ | N/ | N/A | N/A | N/A | N/ |
|  |  |  | $\mathrm{w}_{1}$ | 38.51 | 38.52 | 0.03\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | N/ | N/ | NA |
|  |  | LKorı1 | w2 | 14.47 | 17.21 | 18.98\% | ${ }^{6.12 \%}$ | $8.87 \%$ | ${ }^{30.38}$ | 98.89\% | ${ }^{98.89 \%}$ | 0.00\% | 2.52\% | 2.70\% | 7.33\% | ${ }^{28}$ | 31 | 10.71\% | 10 | ${ }^{13}$ | $30.00 \%$ |
|  |  |  | w3 | 32.91 | 35.41 | $7.60 \%$ |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/A | NA |
|  |  | BedtoomR2 | w4 | 32.96 | 35.26 | 6.96\% | 7.05\% | 7.07\% | 29.46 | 9227\% | 9228\% | 0.01\% | 1.27\% | 1.33\% | 5.24\% | NA | NA | NA | N/A | NA | N/A |
|  |  | Беdoomre | w5 | 22.08 | 23.67 | 7.19\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | NA | NA |
|  |  |  | w6 | 27.67 | 28.45 | 2.81\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  | BeatoomR3 | w7 | 25.88 | 26.59 | 2.75\% | 2.78\% | 2.78\% | 27.52 | 99.65\% | 96.65\% | 0.00\% | 2.35\% | ${ }^{2.39 \%}$ | 1.66\% | NA | N/A | N/ | N/A | N/A | NA |
|  |  | BedroomR4 | ws | 24.19 | 24.96 | 3.17\% | 3.17\% | 3.17\% | 24.96 | 99.33\% | 99.93\% | 0.00\% | 3.24\% | 3.31\% | 2.00\% | NA | N/ | N/A | N/A | N/A | N/A |
|  |  | BedtoomR5 | w9 | 22.35 | 23.16 | 3.65\% | 3.65\% | 3.65\% | 23.16 | 98.87\% | 99888\% | 0.00\% | 2.55\% | 2.61\% | 232\% | NA | NA | NA | NA | NA | NA |
|  |  | LKD/R6 | w10 | 22.19 | 23.04 | 3.81\% | 3.81\% | 3.81\% | 23.04 | 99.96\% | 99.96\% | 0.00\% | 2.51\% | 257\% | 2.24\% | ${ }^{42}$ | ${ }^{44}$ | 4.76\% | 17 | 17 | 0.00\% |
|  |  | BedtoomR7 | w11 | 22.20 | 23.05 | 3.84\% | 3.84\% | 3.84\% | 23.05 | 99.96\% | 99.96\% | 0.00\% | 3.12\% | 3.9\% | 2.88\% | NA | NA | NA | N/A | N/A | NA |
|  |  | BedtoomR8 | w12 | 22.23 | 23.07 | 3.77\% | 3.77\% | 3.77\% | 23.07 | 99.50\% | 99.50\% | 0.00\% | 2.62\% | 2.88\% | 247\% | N/A | N/ | NA | N/A | N/ | NA |
|  | sixh | LK0/R9 | w13 | 22.26 | 23.10 | ${ }^{3.79 \%}$ | ${ }^{3.74 \%}$ | ${ }^{3.74 \%}$ | 23.10 | 99.99\% | 99.99\% | 0.00\% | 2.54\% | $2.60 \%$ | 220\% | ${ }^{43}$ | 44 | 2.33\% | 17 | 17 | 0.00\% |
|  |  | LKor10 | w14 | 22.33 | 23.15 | 3.69\% | 3.69\% | 3.69\% | 23.15 | 99.96\% | 999.6\% | 0.00\% | 2.51\% | 2.56\% | $2.16 \%$ | ${ }^{43}$ | 44 | 2.33\% | 17 | 17 | 0.00\% |
|  |  | Bedrom/R11 | w15 | 22.50 | 23.32 | 3.62\% | 3.62\% | 3.62\% | 23.32 | 99.16\% | 99.16\% | 0.00\% | 2.45\% | 2.50\% | 2.31\% | NA | NA | N/A | N/A | NA | NA |
|  |  | BediommR12 | w16 | 24.04 | 24.85 | 3.39\% | 3.39\% | 3.39\% | 24.85 | 99.98\% | 99.98\% | 0.00\% | 3.18\% | 3.25\% | $2.17 \%$ | NA | NA | N/A | N/A | NA | NA |
|  |  | Bedrom/R13 | w17 | 24.81 | 22.59 | 3.16\% | 3.16\% | 3.1.6\% | 25.59 | 99.67\% | 99.67\% | 0.00\% | 3.52\% | 3.59\% | 2.02\% | N/ | N/ | NA | N/A | NA | NA |
|  |  | LK01R14 | w18 | 23.21 | 23.91 | 3.01\% | 3.01\% | 3.01\% | 23.91 | 99.96\% | 99.96\% | 0.00\% | 2.92\% | 2.97\% | 1.70\% | ${ }^{48}$ | ${ }^{48}$ | 0.00\% | 18 | ${ }^{18}$ | 0.00\% |
|  |  | Bediom/R15 | w19 | 28.64 | 29.15 | 1.77\% | 1.77\% | 1.77\% | 29.15 | 99.32\% | 99.32\% | 0.00\% | 5.78\% | 5.83\% | 0.87\% | NA | NA | N/A | N/ | NA | NA |
|  |  | LK0/R16 | w20 | 18.94 | 19.12 | 0.96\% | 0.96\% | 0.96\% | 19.12 | 100.00\% | 100.00\% | 0.00\% | 5.00\% | $5.02 \%$ | 0.31\% | ${ }^{37}$ | ${ }^{37}$ | 0.00\% | ${ }^{13}$ | ${ }^{13}$ | 0.00\% |
|  |  | LK01R17 | w21 | 19.16 | 19.12 | -0.20\% | 0.20\% | 0.20\% | 19.12 | 99.98\% | 99.98\% | 0.00\% | 4.91\% | 4.89\% | ${ }^{-0.37 \%}$ | ${ }^{36}$ | 36 | 0.00\% | 12 | 12 | 0.00\% |
|  |  | BedrommR18 | W22 | 29.30 | 29.20 | 0.33\% | 0.33\% | 0.33\% | 29.20 | 99.6\% | 99.6\%\% | 0.00\% | 6.39\% | 6.36\% | 0.441\% | NA | NA | NA | NA | NA | NA |
|  |  | Bedromm19 | W23 | 38.88 | 38.65 | 0.57\% | 0.57\% | -0.57\% | 38.65 | 95.78\% | 95.78\% | 0.00\% | 1.00\% | 0.99\% | -0.57\% | NA | NA | NA | N/ | NA | NA |
|  |  | Bediom/R20 | W24 | 38.93 | 38.72 | -0.54\% | -0.54\% | -0.54\% | 38.72 | 96.04\% | 96.04\% | 0.00\% | 1.01\% | 1.10\% | -0.54\% | NA | NA | NA | N/A | N/ | NA |
|  |  | Dining RoomR21 | w25 | 38.96 | 38.76 | -0.53\% | -0.53\% | -0.53\% | 38.76 | 96.58\% | 96.58\% | 0.00\% | 1.28\% | 1.27\% | -0.50\% | N/ | NA | NA | N/A | NA | NA |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c} \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{array}{\|l\|l} \hline \text { APSH } \\ \text { Target } \\ \text { values } \end{array}$ | $\begin{aligned} & \text { APSH } \\ & \text { Proposed } \end{aligned}$ | \%age Diff | $\begin{gathered} \text { Winter } \\ \text { Target } \\ \text { Talues } \end{gathered}$ | $\begin{gathered} \text { Winter } \\ \text { Proposed } \end{gathered}$ | \&age Diff |
| $40-44 \mathrm{Palal}$ mal | Sevent | Living RoomR1 | w1 | 12.95 | 12.95 | 0.00\% | 1.10\% | 0.96\% | ${ }^{26.87}$ | 100.00\% | 100.00\% | 0.00\% | 11.00\% | 11.98\% | ${ }^{0.71 \%}$ | NA | NA | N/ | NA | NA | N/A |
|  |  |  | w2 | 36.23 | 36.23 | 0.02\% |  |  |  |  |  |  |  |  |  | N/A | NA | N/A | NA | N/A | N/A |
|  |  |  | w3 | 30.57 | 31.44 | 2.86\% |  |  |  |  |  |  |  |  |  | 46 | ${ }^{48}$ | 4.35\% | 12 | ${ }^{14}$ | ${ }^{16.67 \%}$ |
|  |  | KichennR2 | w4 | 35.06 | 35.75 | 1.97\% | 1.68\% | ${ }^{1.68 \%}$ | ${ }^{35.71}$ | 8270\% | 95.57\% | 15.57\% | 1.13\% | 1.15\% | 1.34\% | NA | NA | NA | NA | NA | NA |
|  |  |  | w5 | 35.18 | 35.67 | 1.40\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | N/A |
|  |  | BedtoomR3 | w6 | 23.91 | 24.17 | 1.07\% | 1.07\% | 1.07\% | 24.17 | 72.26\% | 72.27\% | 0.01\% | 0.69\% | 0.69\% | 0.65\% | N/ | NA | NA | NA | NA | N/A |
|  | Eight | BedroomR1 | w1 | ${ }^{8.18}$ | ${ }^{8.18}$ | 0.00\% | 0.19\% | 0.15\% | 21.51 | 84.50\% | 84.50\% | 0.00\% | 7.06\% | 7.06\% | 0.11\% | N/ | N/ | N/A | NA | NA | N/A |
|  |  |  | w2 | 29.57 | 29.58 | 0.01\% |  |  |  |  |  |  |  |  |  | N/ | NA | N/A | NA | N/ | N/A |
|  |  |  | w3 | 22.65 | 26.77 | 0.45\% |  |  |  |  |  |  |  |  |  | 45 | 46 | 2.22\% | ${ }^{13}$ | ${ }^{14}$ | $7.69 \%$ |










|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\|$Mean Window \%age <br> Diff | Room \%age Diff | Proposed Average | Target values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{aligned} & \hline \text { APSH } \\ & \text { Target } \\ & \text { Values } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { APSH } \\ & \text { Proposed } \end{aligned}$ | \%age Diff | $\begin{aligned} & \text { Winter } \\ & \text { Tiagget } \end{aligned}$ | $\begin{array}{\|c} \text { Winter } \\ \text { Proposed } \end{array}$ | Rage Diff |
| ${ }^{30}$ Bxxen Street | ᄂK0R10 |  | w32 | 14.97 | 10.44 | .30.26\% | -22.35\% | $-21.58 \%$ | 12.07 | 31.32\% | 23.84\% | -23.88\% | 1.24\% | 1.00\% | -19.00\% | N/ | NA | NA | NA | NA | NA |
|  |  |  | w33 | 17.38 | 11.94 | -31.31\% |  |  |  |  |  |  |  |  |  | N/A | N/ | NA | N/A | N/A | N/ |
|  |  |  | w34 | 14.28 | 13.83 | -3.16\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | N/A | N/A |
|  | Fith | BedroomR11 | w35 | 18.55 | 10.41 | -43.88\% | -43.88\% | -43.83\% | 10.41 | 61.15\% | 26.18\% | .57.20\% | 1.09\% | 0.74\% | -31.69\% | N/ | N/ | NA | N/A | NA | N/ |
|  |  | Bedroom/R12 | w36 | 18.33 | 9.39 | -4877\% | -4877\% | .48.77\% | 9.39 | 517.17\% | 19.22\% | -62.83\% | 0.96\% | 0.61\% | ${ }^{-36.31 \%}$ | N/A | N/ | NA | NA | NA | N/ |
|  |  | เко尺13 | w37 | 13.83 | 10.25 | -25.9\% | -37.43\% | -36.52\% | 10.47 | 27.51\% | 20.13\% | -26.82\% | 1.36\% | 0.98\% | -28.06\% | N/ | N/ | NA | NA | N/A | NA |
|  |  |  | w38 | 17.98 | 10.15 | -43.55\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | N/A | NA | N/A |
|  |  |  | w39 | 18.41 | 11.02 | -40.12\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | N/ | NA | N/A |
|  |  | LK01R14 | W40 | 20.31 | 14.08 | -30.70\% | -19.43\% | -18.21\% | 15.99 | 37.53\% | 28.09\% | -25.16\% | ${ }^{1.51 \%}$ | ${ }^{1.26 \%}$ | -16.77\% | N/ | N/ | N/ | NA | N/ | N/ |
|  |  |  | wa1 | 21.93 | 16.26 | -25.33\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | W42 | 17.30 | 17.63 | 1.91\% |  |  |  |  |  |  |  |  |  | N/A | N/ | N/A | N/A | N/A | N/ |
|  |  | BeatiomR15 | W43 | 21.72 | 13.22 | -39.49\% | -39,49\% | ${ }^{-39.14 \%}$ | 13.22 | 68.99\% | 31.29\% | -54.65\% | 1.06\% | $0.77 \%$ | -27.09\% | N/A | N/ | NA | N/A | N/ | NA |
|  |  | BedioomR16 | W44 | 21.01 | 11.60 | -44.81\% | -44.81\% | -44.81\% | 11.60 | 85.20\% | 32.18\% | -6223\% | 1.21\% | 0.81\% | .3320\% | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  | LK01R17 | was | 16.46 | 10.76 | -34.64\% | . $35.50 \%$ | ${ }^{-35.44 \%}$ | ${ }^{13.16}$ | ${ }^{\text {43, } 23000}$ | ${ }^{25.75 \%}$ | -40.77\% | $2.00 \%$ | 1.49\% | -25.28\% | N/ | N/ | N/ | NA | N/A | N/ |
|  |  |  | W46 | 22.13 | 13.67 | -38.33\% |  |  |  |  |  |  |  |  |  | N/ | N/ | N/ | N/A | NA | N/A |
|  |  |  | w47 | 22.63 | 15.07 | . $33.44 \%$ |  |  |  |  |  |  |  |  |  | N/ | N/ | N/ | NA | N/ | N/A |
|  |  | LK01R18 | W48 | ${ }^{24.23}$ | 18.43 | -23.94\% | -15.41\% | -14.05\% | 19.30 | 53.51\% | 4728\% | -11.65\% | 2.17\% | 1.9\% | -12.15\% | N/A | N/ | N/ | N/A | N/A | N/ |
|  |  |  | w49 | 25.79 | 20.93 | -18.84\% |  |  |  |  |  |  |  |  |  | NA | NA | N/A | NA | N/ | NA |
|  |  |  | wso | 18.42 | 18.53 | $0.62 \%$ |  |  |  |  |  |  |  |  |  | N/ | N/A | N/ | NA | N/A | NA |
|  |  | BeatromR19 | w51 | 19.71 | 13.23 | -3287\% | .3287\% | .3287\% | 13.23 | 94.82\% | 45.76\% | -51.74\% | 1.07\% | $0.84 \%$ | -2220\% | N/A | N/A | N/ | NA | NA | NA |
|  |  | Bedioom/R20 | w52 | 28.41 | 20.24 | $-28.75 \%$ | -28.75\% | $-28.75 \%$ | 20.24 | 88.98\% | 36.81\% | .58.63\% | 0.92\% | 0.72\% | $-21.62 \%$ | N/ | N/ | N/A | N/A | NA | N/ |
|  |  | LK0R21 | w53 | 27.74 | 20.79 | -25.0\%\% | $-21.31 \%$ | -1944\% | ${ }^{21.38}$ | 99.78\% | ${ }^{98.95 \%}$ | -0.33\% | 2.99\% | 2.71\% | -6.18\% | N/ | N/ | NA | NA | N/A | NA |
|  |  |  | w54 | 29.17 | 21.11 | -27.62\% |  |  |  |  |  |  |  |  |  | NA | NA | N/ | NA | N/ | NA |
|  |  |  | w55 | 30.66 | ${ }^{21.45}$ | -30.04\% |  |  |  |  |  |  |  |  |  | NA | N/A | N/A | NA | N/A | NA |
|  |  |  | w56 | 32.15 | 22.42 | -30.26\% |  |  |  |  |  |  |  |  |  | N/ | N/ | NA | NA | NA | NA |
|  |  |  | w57 | 24.06 | 23.61 | -1.89\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w58 | 19.24 | 18.91 | -1.72\% |  |  |  |  |  |  |  |  |  | N/A | N/ | N/A | NA | NA | N/A |
|  | sixth | LK01R1 | $w_{1}$ | 22.95 | 22.95 | 0.00\% | -30.51\% | -29.85\% | 18.80 | 8278\% | 67.03\% | -19.3\% | ${ }^{2.31 \%}$ | 1.78\% | $-23.18 \%$ | NA | NA | N/A | NA | N/ | NA |
|  |  |  | w2 | 27.73 | 27.70 | -0.09\% |  |  |  |  |  |  |  |  |  | N/ | N/A | N/A | N/ | N/A | N/ |
|  |  |  | w3 | 27.63 | 27.51 | -0.43\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/ | NA |
|  |  |  | w4 | 28.40 | 15.85 | -4420\% |  |  |  |  |  |  |  |  |  | 66 | 39 | -40.91\% | 25 | 19 | -24.00\% |
|  |  |  | w5 | 28.69 | 14.45 | -49.6\% |  |  |  |  |  |  |  |  |  | ${ }^{62}$ | ${ }^{31}$ | -50.00\% | ${ }^{24}$ | 15 | -37.50\% |
|  |  |  | w6 | 24.87 | 10.14 | -59.24\% |  |  |  |  |  |  |  |  |  | 49 | 20 | -59.18\% | 19 | 9 | -52.63\% |
|  |  |  | w7 | 29.13 | 13.01 | .55.33\% |  |  |  |  |  |  |  |  |  | ${ }^{60}$ | ${ }^{28}$ | -53.33\% | 22 | $\stackrel{ }{9}$ | -59.09\% |
|  |  | BedioomR2 | ws | 29.59 | 12.40 | .58.10\% | .58.10\% | .58.10\% | 12.40 | 99.69\% | 4237\% | .57.49\% | 1.45\% | 0.75\% | -48.16\% | NA | NA | NA | NA | N/A | NA |
|  |  | LкоR3 | wง | 29.77 | 11.75 | -60.52\% | -65.66\% | -66.06\% | 9.47 | 99.84\% | 50.77\% | -49.15\% | 220\% | 1.01\% | -54.16\% | ${ }_{6}$ | ${ }^{27}$ | -55.74\% | ${ }^{24}$ | 8 | -66.67\% |
|  |  |  | w10 | 28.16 | 9.88 | -64.00\% |  |  |  |  |  |  |  |  |  | ${ }^{61}$ | 26 | -57.38\% | ${ }^{24}$ | 7 | ${ }^{-7.803 \%}$ |
|  |  |  | w11 | 18.10 | 5.07 | -71.98\% |  |  |  |  |  |  |  |  |  | 39 | 16 | -58.97\% | ${ }^{23}$ | 6 | $-7.3 .1 \%^{\prime}$ |
|  |  |  | w12 | 31.18 | 10.87 | -65.12\% |  |  |  |  |  |  |  |  |  | 69 | 25 | -63.77\% | ${ }^{27}$ | 8 | -70.37\% |
|  |  |  | w13 | 31.40 | 10.81 | -65.59\% |  |  |  |  |  |  |  |  |  | 66 | 22 | -66.67\% | ${ }^{26}$ | 7 | -73.08\% |
|  |  |  | w14 | 28.06 | ${ }^{9.52}$ | -66.07\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | N/A | NA |
|  |  |  | w15 | 26.46 | ${ }^{8.41}$ | -68.20\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/ | N/A | N/A | NA |
|  |  | BedroomR4 | w16 | 26.53 | 7.56 | -71.15\% | -71.51\% | -71.15\% | 7.56 | 99.90\% | 43.64\% | .56.32\% | 1.72\% | 0.69\% | -60.23\% | N/ | NA | N/ | NA | NA | N/ |
|  |  | BedroomR5 | w17 | 27.07 | 7.30 | .73.3\% | .73.3\% | .73.03\% | ${ }^{7} .30$ | 99.93\% | 33.15\% | .66.83\% | 1.55\% | 0.59\% | -62.09\% | N/ | NA | N/ | NA | NA | NA |
|  |  | BedioomP6 | w18 | 27.56 | 7.61 | -72.39\% | -7239\% | -72,39\% | 7.61 | 97.29\% | 27.11\% | .72.14\% | 1.54\% | 0.59\% | -61.67\% | NA | NA | NA | NA | NA | NA |
|  |  | BedioomR7 | w19 | 27.91 | 8.01 | -71.31\% | -71.31\% | -71.31\% | 8.01 | 99.32\% | 29.81\% | -69.99\% | 1.25\% | 0.50\% | -60.09\% | NA | NA | NA | NA | N/ | NA |
|  |  | LKORB | w20 | 28.28 | ${ }^{8.87}$ | -68.62\% | -67.74\% | -67.75\% | 9.16 | 91.09\% | 29.93\% | -67.15\% | ${ }^{1229 \%}$ | 0.54\% | -56.03\% | N/A | N/A | NA | NA | N/A | N/A |
|  |  |  | ${ }_{\text {W22 }}$ | 28.50 28.99 | 9.44 1109 | -66.88\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  | LKorg | ${ }_{\text {W }}^{\text {W22 }}$ | 28.99 29.17 | 11.09 11.67 | $.61 .73 \%$ $.59 .9 \%$ | -60.86\% | $-60.86 \%$ | ${ }_{1138}$ | ${ }^{88.07 \%}$ | ${ }^{35.64 \%}$ | -59.94\% | ${ }^{124 \%}$ | ${ }^{0.62 \%}$ | -50.15\% | N/A N/A NA N/A N/ NA |  |  |  |  |  |
|  |  |  | ${ }_{\text {W23 }}{ }^{\text {W2 }}$ | ${ }^{29.17}$ | 11.67 <br> 12.60 | -59.9\%\% | -57.12\% |  | 12.60 |  | 41.45\% | .5827\% |  | 0.68\% | ${ }_{-46.90 \%}$ | NA | N/ | N/A | NA | N/A | N/A |
|  |  | BeatiomR11 | ${ }^{\text {W } 25 ~}$ | 29.62 | ${ }^{13.48}$ | -54,49\% | .54,99\% | .54,49\% | 13.48 | 94.77\% | 35.30\% | .6276\% | $1.69 \%$ | 0.90\% | -44.75\% | N/ | N/ | N/ | NA | N/ | N/ |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{gathered} \text { Mean Window \%age } \\ \text { Diff } \end{gathered}$ | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{gathered} \text { APSH } \\ \begin{array}{c} \text { TPrget } \\ \text { Values } \end{array} \\ \hline \end{gathered}$ | $\underset{\text { Proposed }}{\text { APSH }}$ | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { Winter } \\ \text { Target } \\ \text { values } \end{array}$ | Winter Proposed | Rage Diff |
| 30 Bxeen Stret | sixt | Bedroom/12 | W26 | 29.78 | 14.66 | -50.77\% | -50.77\% | -50.77\% | 14.66 | ${ }^{99.60 \%}$ | $55.46 \%$ | -44.32\% | $1.64 \%$ | 0.96\% | -41.83\% | N/ | N/A | NA | NA | NA | NA |
|  |  | Bedtoom/R13 | w 27 | 28.11 | 13.89 | .50.56\% | .50.56\% | .50.56\% | 13.89 | 99.06\% | 69.76\% | -29.58\% | 1.79\% | 1.05\% | -41.16\% | N/A | N/A | NA | N/A | NA | NA |
|  |  | LKor14 | W28 | 14.59 | 6.23 | 57.32\% | -28.90\% | $-24.51 \%$ | 14.76 | 98.33\% | 91.19\% | -7.07\% | 1.63\% | 1.27\% | -22.52\% | NA | N/A | NA | N/A | NA | NA |
|  |  |  | W29 | 30.97 | 17.28 | .4420\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | N/A | NA | NA |
|  |  |  | w30 | 31.71 | 18.53 | -41.5\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | NA | NA |
|  |  |  | w31 | 20.55 | 20.02 | -2.59\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | N/ | NA | NA |
|  |  |  | ${ }^{\text {w } 32}$ | 16.60 | 16.37 | ${ }^{-1.38 \%}$ |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | N/A | NA | N/ |
|  |  |  | w33 | 10.12 | 10.12 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | NA | NA |




|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c} \begin{array}{c} \text { Mean Window \%age } \\ \text { Diff } \end{array} \\ \hline \end{array}$ | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { APSH } \\ \text { Target } \\ \text { values } \end{array}$ | $\begin{aligned} & \text { PPSH } \\ & \text { Proposed } \end{aligned}$ | \%age Diff | $\begin{array}{\|c\|c\|} \hline \text { Winter } \\ \text { Target } \\ \text { Values } \end{array}$ | $\begin{gathered} \text { Winter } \\ \text { Proposed } \end{gathered}$ | Rage Diff |
| Bereys suliding | Third Mezannine | BedroomR3 | ${ }^{\text {w7 }}$ | ${ }^{23.84}$ | 21.71 | ${ }^{-9.92 \%}$ | -9.74\% | -9.72\% | 22.15 | 99.95\% | ${ }^{95.46 \%}$ | -4.49\% | 2.48\% | 2.28\% | -8.5\% | N/A | NA | NA | N/ | NA | NA |
|  |  |  | ws | 25.25 | 22.50 | -10.51\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | N/ | N/ | N/A |
|  |  | Bedromm4 | w9 | 26.79 | 23.50 | -1229\% | -1229\% | -1229\% | 23.50 | 95.13\% | $91.09 \%$ | -4.25\% | 1.95\% | 1.75\% | -10.13\% | NA | NA | NA | N/A | N/A | NA |
|  |  | BedtoomR5 | w10 | 22.86 | 18.84 | -17.59\% | -17.99\% | -17.59\% | 18.84 | 99.94\% | 99.96\% | 0.02\% | 2.26\% | 1.93\% | -14.72\% | NA | NA | NA | N/A | NA | NA |
|  |  | Bedromm66 | $w_{11}$ | 25.13 | ${ }^{20.23}$ | -19499\% | 20.10\% | -20.09\% | 20.74 | 99.39\% | ${ }^{99.34 \%}$ | ${ }^{-0.05 \%}$ | 2.06\% | ${ }^{1.79 \%}$ | -15.72\% | N/A | NA | N/ | N/A | N/A | N/A |
|  |  |  | W12 | 26.79 | ${ }^{21.25}$ | -20.88\% |  |  |  |  |  |  |  |  |  | N/ | NA | NA | N/ | NA | N/A |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \hline \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Target values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{array}{\|l\|} \hline \text { APSH } \\ \text { Target } \end{array}$ | $\begin{array}{\|l\|l\|} \hline \text { Prose } \end{array}$ | \%age Diff | $\begin{aligned} & \text { Winter } \\ & \text { Target } \end{aligned}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Winter } \\ \text { Proposed } \end{array} \\ \hline \end{array}$ | zage Diff |
| Hamilon House | Ground |  | w1 | 19.58 | 18.18 | ${ }^{\text {7.7.3\% }}$ | ${ }^{-8.80 \%}$ | ${ }^{-9.01 \%}$ | 16.04 | ${ }^{91.919 \%}$ | ${ }^{91.36 \%}$ | ${ }^{-0.60 \%}$ | 0.70\% | 0.66\% | -4.64\% | 0 | 0 | ${ }^{0.00 \%}$ | $\bigcirc$ | 0 | $0.00 \%$ |
|  |  |  | w2 | 15.59 | 13.90 | -10.83\% |  |  |  |  |  |  |  |  |  | 0 0 |  | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  | BetroomR2 | w3 | 14.01 | 12.02 | -14.26\% | -14.26\% | -14.26\% | 12.02 | 90.76\% | $88.10 \%$ | -2.93\% | $0.35 \%$ | 0.33\% | -8.05\% | 0 | 0 | 0.00\% | $\bigcirc$ | $\bigcirc$ | 0.00\% |
|  |  | BedroomR3 | w4 | 10.63 | 8.76 | -17.63\% | .17.63\% | -17.63\% | 8.76 | 90.96\% | 90.00\% | -0.06\% | 0.58\% | 0.53\% | -8.91\% | 0 | 0 | $0.00 \%$ | 0 | $\bigcirc$ | 0.00\% |
|  |  | LKOR4 | w5 | 19.42 | 13.51 | -30.49\% | -30.49\% | -30.49\% | 13.51 | 98.11\% | 92.95\% | -5.26\% | 1.13\% | 0.92\% | $-18.55 \%$ | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | Betroom/R5 | w6 | 8.26 | 5.80 | -29.77\% | -29.7\%\% | $-29.77 \%$ | 5.80 | 70.22\% | 48.68\% | .30.47\% | 0.26\% | 0.22\% | -16.62\% | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  | Bedtromp6 | w7 | 18.64 | 5.15 | -72.35\% | -72.35\% | -72.35\% | 5.15 | 478.8\% | 0.00\% | -100.0\%\% | $0.48 \%$ | 0.99\% | -61.41\% | 0 | 0 | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  | LK0/R7 | ws | 3.46 | 2.74 | $-20.55 \%$ | -20.55\% | -20.55\% | 2.74 | 42.45\% | 44.03\% | 3.73\% | 0.33\% | 0.45\% | $35.29 \%$ | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | LK01R8 | w9 | 4.22 | 4.30 | 1.83\% | 1.83\% | 1.83\% | 4.30 | 45.74\% | 68.54\% | 4987\% | 0.488 | 0.71\% | 4773\%\% | ${ }^{11}$ | 11 | $0.00 \%$ | 5 | 8 | 60.00\% |
|  |  | LKoRg | w10 | 4.81 | 5.98 | 24.32\% | 24.32\% | 24.32\% | 5.98 | 48.52\% | 88.78\% | 82.96\% | 0.59\% | 0.91\% | 54.95\% | 12 | 11 | ${ }^{-8.33 \%}$ | 5 | 8 | 60.00\% |
|  |  | LK01R10 | w11 | 6.06 | 8.06 | 33.03\% | 33.3\% | 33.03\% | 8.06 | 51.88\% | 93.55\% | 81.0\% | 0.68\% | 0.97\% | 42.88\% | 0 |  | 0.00\% | 0 | 0 | 0.00\% |
|  |  | Bediomm1 | w1 | 24.92 | 23.98 | -3.77\% | ${ }^{3.77 \% \%}$ | -3.77\% | 23.98 | 89.43\% | ${ }^{73.17 \%}$ | -18.88\% | 1.87\% | 1.83\% | -2.10\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w2 | 16.07 | 16.07 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R2 | w3 | 35.26 | 31.99 | -927\% | -6.37\% | -4.64\% | ${ }^{24.03}$ | 99.05\% | ${ }^{98.75 \%}$ | ${ }^{-0.30 \%}$ | ${ }^{3.22 \%}$ | ${ }^{2.99 \%}$ | -7.28\% | 0 | - | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK0/R ${ }^{\text {l }}$ | w4 | 35.26 | 31.49 | -10.69\% | -21.71\% | -3129\% | 18.84 | 100.00\% | 100.00\% | 0.00\% | ${ }^{3.36 \%}$ | 2.96\% | -11.77\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w5 | 12.87 | 6.19 | .51.89\% |  |  |  |  |  |  |  |  |  | - | 0 | $0.00 \%$ | $\bigcirc$ | $\bigcirc$ | 0.00\% |
|  |  | BetioomR4 | w6 | 24.24 | 20.26 | -16.33\% | -16.43\% | -16.33\% | 20.26 | 100.0\%\% | 100.00\% | 0.00\% | 2.65\% | 2.36\% | -11.55\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | Betroom/P5 | w7 | 33.44 | 29.12 | -12.22\% | 12.92\% | $-12.22 \%$ | 29.12 | ${ }^{98.48 \%}$ | 95.06\% | -3.48\% | 1.43\% | 1.28\% | -10.61\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | Beatromp6 | ws | 33.35 | 29.46 | -11.67\% | -11.67\% | -11.67\% | 29.46 | 99.20\% | $99.01 \%$ | -0.20\% | 1.63\% | 1.48\% | -9.04\% | 0 | , | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | BedroomR7 | w9 | 24.74 | 22.04 | -10.93\% | -10.33\% | -10.33\% | 22.04 | 99.92\% | $99.89 \%$ | 0.03\% | 2.41\% | $2.29 \%$ | -6.99\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LKopr | w10 | 15.06 | 15.06 | 0.00\% | -11.88\% | ${ }^{-8.46 \%}$ | ${ }^{22.27}$ | 99.96\% | 99.96\% | 0.00\% | ${ }^{3.26 \%}$ | 2.83\% | -13.09\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w11 | 35.49 | 29.48 | -16.93\% |  |  |  |  |  |  |  |  |  | 0 |  | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R9 | w12 | 35.46 | 28.57 | -1944\% | .33.0\% | -46.18\% | 16.02 | 96.65\% | $96.00 \%$ | 0.05\% | 2.98\% | $2.37 \%$ | -20.22\% | 0 | - | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | <K0ıg | w13 | 12.79 | 3.46 | -72.94\% | -33.60\% | -46.18\% | 16.02 | 96.65\% | 96.00\% | -0.05\% | 2.98\% | ${ }^{237 \%}$ | -20.22\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  | Fist | BedioomR10 | W14 | 24.64 | 17.97 | -27.08\% | -27.08\% | -27.08\% | 17.97 | 96.76\% | 96.76\% | 0.00\% | 2.02\% | 1.65\% | -18.49\% | 0 | - | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedioomR11 | w15 | 33.60 | 25.94 | -22.78\% | .2278\% | -22.78\% | 25.94 | 98.34\% | $97.27 \%$ | -1.09\% | 1.71\% | 1.40\% | -18.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w16 | 17.34 | 17.34 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w17 | 35.78 | 25.49 | $-28.55 \%$ |  |  |  |  |  |  |  |  |  | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  | LK01R12 | w18 | 24.69 | 5.92 | -76.22\% | -46.15\% | -44.33\% | ${ }^{13.68}$ | 990.09\% | 76.23\% |  | ${ }_{5.31 \%}$ | 3.75\% | -29.42\% | 45 | 15 | -66.67\% | $\bigcirc$ | 7 | -12.50\% |
|  |  |  | w19 | 23.30 | 5.96 | -74.55\% |  |  |  |  |  |  |  |  |  | 45 | 16 | -64.49\% | 8 | 8 | 0.00\% |
|  |  | BetioomR13 | w20 | 20.76 | 5.94 | -71.39\% | -71.39\% | -71.39\% | 5.94 | 5.52\% | 8.889 | -84.90\% | 0.72\% | 0.30\% | -58.82\% | 0 | 0 | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  | BedioomR14 | w21 | 16.96 | ${ }_{6} .37$ | -62.33\% | -6243\% | -62.33\% | ${ }_{6} .37$ | 21.45\% | 17.83\% | -16.85\% | 1.46\% | 0.83\% | -43.19\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedtoomR15 | W22 | 16.94 | 8.73 | -48.88\% | -48.88\% | -48.88\% | ${ }^{8.73}$ | 38.28\% | 48.95\% | 27.88\% | 0.93\% | $0.61 \%^{\circ}$ | .34.09\% | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  | BedioomR16 | W23 | 18.49 | 10.00 | -4.93\% | -45.33\% | -45.93\% | 10.00 | 112.2\% | 1.99\% | ${ }^{-8230 \%}$ | 0.29\% | 0.19\% | -34.43\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R17 | W24 | 18.93 | 12.12 | -35.97\% | .35.97\% | . $35.97 \%$ | 12.12 | 39.62\% | 59.19\% | $49.39 \%$ | 2.05\% | 1.54\% | -25.15\% | ${ }^{35}$ | 32 | ${ }^{-8.57 \%}$ | 10 | 14 | 40.00\% |
|  |  | LK01R18 | W25 | 19.68 | 14.55 | -26.07\% | 26.0\% | -26.07\% | 14.55 | 45.69\% | 88.45\% | 93.57\% | 2.8\% | 1.79\% | -17.98\% | ${ }^{38}$ | ${ }^{35}$ | -7.89\% | 12 | 15 | $25.00 \%$ |
|  |  | Bedroomk19 | w26 | 21.16 | 17.69 | -16.38\% | -16.38\% | -16.38\% | 17.69 | 3279\% | 66.7\% | 103.46\% | 0.39\% | 0.31\% | -9.28\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | BedioomR20 | w 27 | 21.72 | 18.17 | -16.34\% | -1.3.3\% | -16.34\% | 18.17 | 35.93\% | $52.49 \%$ | $46.07 \%$ | 0.91\% | 0.81\% | -11.78\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | Bedioom/R1 | $\mathrm{w}_{1}$ | 26.25 | 25.37 | -3.36\% | -3.36\% | -3.36\% | 25.37 | 89.52\% | ${ }^{74.28 \%}$ | -17.02\% | 1.96\% | 1.93\% | -1.83\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LKOR2 | w2 | 16.85 | 16.85 | 0.00\% | -.585\% | -4.29\% | ${ }^{24.98}$ | 99.07\% | ${ }^{98.76 \%}$ | ${ }^{-0.32 \%}$ | ${ }^{3.31 \%}$ | 3.09\% | -6.84\% | 0 | - | 0.00\% | $\bigcirc$ | 0 | 0.00\% |
|  |  |  | w3 | 36.22 | 33.11 | -8.59\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | <кол3 | w4 | 36.13 | 32.54 | -9.99\% | $-20.52 \%$ | -29.70\% | 19.61 | 100.00\% | 100.00\% | 0.00\% | $3.49 \%$ | 3.06\% | -1110\% |  | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LKOR3 | w5 | 13.21 | 6.67 | -49.46\% |  | 29.00\% | 19.61 | 100.00\% | 100.00\% | 0.00\% | 3.446 | 3.06\% | -1100\% | 0 | - | $0.00 \%$ | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | Beatromik4 | w6 | 25.20 | ${ }^{21.33}$ | -15.36\% | -15.36\% | -15.36\% | ${ }^{21.33}$ | 100.00\% | 100.00\% | 0.00\% | 2.75\% | 2.46\% | -10.66\% | 0 | - | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | BedroomR5 | w7 | 34.18 | 30.06 | -1207\% | -12.07\% | -12.07\% | 30.06 | ${ }^{98.29 \%}$ | $96.33 \%$ | -200\% | 1.46\% | 1.31\% | -10.22\% | 0 | 0 | $0.000 \%$ | 0 | 0 | 0.00\% |
|  | Secoond | Bedroom/R6 | ws | 34.05 | ${ }^{30.33}$ | -10.92\% | -10.92\% | -10.92\% | ${ }^{30.33}$ | 98.80\% | $98.77 \%$ | -0.03\% | 1.66\% | 1.5\% | ${ }^{-8.72 \%}$ | 0 | 0 | 0.00\% | $\bigcirc$ | - | ${ }^{0.00 \%}$ |
|  |  | BedroomR7 | w9 | 25.72 | 23.14 | -10.33\% | -10.3\% | -10.33\% | 23.14 | 99.92\% | 99.89\% | -0.02\% | 2.51\% | 2.34\% | -6.51\% | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  | LK0/R8 | w10 | 15.60 | 15.50 | 0.00\% | -1120\% | ${ }^{-8.02 \%}$ | ${ }^{22.97}$ | 99.96\% | 99.96\% | 0.00\% | ${ }^{3.32 \%}$ | 2.90\% | ${ }_{-12.63 \%}$ | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w11 | 36.13 | 30.33 | -16.04\% | -1120\% | -8.22\% | 22.97 | 99.96\% | ${ }^{99.96 \%}$ | 0.00\% | ${ }^{3.32 \%}$ | 2.90\% | -12.63\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R9 | w12 | 36.07 | 29.41 | -1848\% | .32.45\% | -4.77\% | 16.61 | 96.65\% | ${ }^{96.62 \%}$ | -0.04\% | 3.03\% | $2.44 \%$ | -19.50\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  |  | ${ }_{\text {w }}^{\text {w }} 14$ | ${ }^{13.10}$ | ${ }^{3.81}$ | -70.94\% |  |  |  |  |  |  |  |  |  |  |  | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | Bedioom/R10 | w14 | 25.45 | 18.85 | .25.91\% | -25.91\% | -25.91\% | 18.85 | 96.76\% | ${ }^{96.76 \%}$ | 0.00\% | 2.09\% | 1.72\% | -17.73\% |  | 0 | 0.00\% | 0 |  | 0.00\% |


| Address | Floor Level | Room Name | Window ID | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \hline \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age iff | Proposed Average | Target Values | Proposed | \%age Diff | Target values | Proposed | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { APSH } \\ \text { Target } \\ \text { Talues } \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { APSH } \\ \text { Proposed } \end{array}$ | \%age Diff | $\begin{array}{\|l\|l} \hline \text { Winter } \\ \text { Targyet } \\ \text { values } \end{array}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Winter } \\ \text { Proposed } \end{array} \\ \hline \end{array}$ | Rage Diff |
| Hamilon House | Second | BedioomRR11 | W15 | 34.18 | 26.74 | -21.76\% | $-21.76 \%$ | $-21.76 \%$ | 26.74 | 98.22\% | $97.47 \%$ | 0.76\% | 1.74\% | 1.43\% | -17.50\% | O | - | 0.00\% | 0 | - | ${ }^{0.00 \%}$ |
|  |  | ᄂKDR12 | w16 | 17.73 | 17.73 | 0.00\% | -46.6\% | -44.63\% | 14.23 | 99.3\% | 7.31\% | -23.22\% | $5.49 \%$ | $3.84 \%$ | -29.38\% | - | 0 | 0.00\% | - | 0 | ${ }^{0.00 \%}$ |
|  |  |  | $\mathrm{w}_{17}$ | 36.33 | 26.21 | -27.86\% |  |  |  |  |  |  |  |  |  | 0 | 0 | $0.00 \%$ | 0 | $\bigcirc$ | 0.00\% |
|  |  |  | w18 | 26.73 | 6.47 | -75.00\% |  |  |  |  |  |  |  |  |  | 49 | 15 | -69.39\% | 8 | 7 | -12.50\% |
|  |  |  | w19 | 25.94 | 6.52 | -74.87\% |  |  |  |  |  |  |  |  |  | 49 | 16 | -67.35\% | 10 | 8 | -20.00\% |
|  |  | BedroomR13 | W20 | 23.39 | 6.54 | -72.5\% | .72.5\% | -72.05\% | 6.54 | 63.00\% | 9.66\% | -84.82\% | 0.78\% | 0.32\% | .58.70\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | BedroomR14 | w21 | 19.83 | 6.96 | -64.88\% | -64.88\% | -64.89\% | 6.96 | 29.30\% | 18.15\% | . $38.07 \%$ | 1.61\% | 0.87\% | -46.06\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedroomR15 | W22 | 20.09 | 9.48 | -5281\% | .5281\% | .5281\% | 9.48 | 4226\% | 4.594\% | 17.21\% | 1.04\% | 0.64\% | -38.14\% | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  | Bedrom/R16 | W23 | 21.70 | 10.84 | -50.33\% | .50.33\% | .50.33\% | 10.84 | 16.22\% | 1.99\% | -87.71\% | 0.33\% | 0.20\% | -38.71\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.000 \%}$ |
|  |  | LK01R17 | W24 | 22.02 | 13.02 | -40.85\% | -40.85\% | -40.85\% | 13.02 | 41.62\% | 61.00\% | 46.55\% | 216\% | 1.53\% | -29.33\% | ${ }^{43}$ | ${ }^{35}$ | -18.00\% | 12 | ${ }^{17}$ | $41.67 \%$ |
|  |  | LK01R18 | W25 | 22.76 | 15.58 | -31.5\% | .31.55\% | .31.55\% | 15.58 | 50.20\% | ${ }^{92.56 \%}$ | 84.36\% | 230\% | 1.78\% | -22.44\% | 47 | 39 | -17.02\% | 15 | 18 | $20.00 \%$ |
|  |  | BedroomR19 | w26 | 24.31 | 18.90 | -2227\% | -22.27\% | -2227\% | 18.90 | $44.14 \%$ | 72.03\% | 63.18\% | 0.38\% | 0.32\% | -14.56\% | 0 | 0 | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  | BedroomR20 | W27 | 24.82 | 19.45 | -21.64\% | -21.64\% | -21.64\% | 19.45 | 43.81\% | 52.58\% | 20.44\% | 1.02\% | 0.89\% | -17.42\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.000 \%}$ |
|  | Third | BedioomR1 | w1 | 27.01 | 26.19 | -3.04\% | -3.04\% | -3.04\% | 26.19 | 89.53\% | 7.4.1\% | -1577\% | 2.00\% | 1.97\% | -1.69\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R2 | w | 17.35 | 17.35 | $0.00 \%$ | -5.39\% | -3.96\% | 25.70 | ${ }^{99.09 \%}$ | $98.76 \%$ | -0.34\% | 3.39\% | ${ }^{3.18 \%}$ | ${ }_{-6.35 \%}$ | 0 | 0 | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  | LK01R2 | w3 | 36.99 | 34.06 | -7.92\% |  |  |  |  |  |  |  |  |  | 0 | 0 | $0.00 \%$ | $\bigcirc$ | 0 | ${ }^{0.00 \%}$ |
|  |  | LK01R3 | w4 | 36.85 | 33.45 | -9.22\% | -19.20\% | $-28.33 \%$ | 20.27 | 100.00\% | 100.00\% | 0.00\% | 3.52\% | 3.15\% | $-10.37 \%$ | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  |  | w5 | 13.31 | 7.08 | -46.84\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedtoomR4 | w6 | 25.68 | 22.03 | -1422\% | .14.22\% | -14.22\% | 22.03 | 100.00\% | 100.00\% | 0.00\% | 2.78\% | 2.50\% | -10.23\% | 0 | 0 | 0.00\% | 0 | 0 | $0.00 \%$ |
|  |  | BedioomR5 | w7 | 34.85 | 30.94 | $-1122 \%$ | -1122\% | -1122\% | 30.94 | 98.32\% | 96.80\% | -1.54\% | 1.49\% | 1.39\% | -9.80\% | 0 | 0 | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  | BedioomR6 | w8 | 34.70 | 31.08 | -10.41\% | -10.41\% | -10.41\% | ${ }^{31.08}$ | 99.02\% | 99.01\% | -0.01\% | 1.69\% | 1.59\% | -8.55\% | 0 | 0 | $0.00 \%$ | $\bigcirc$ | 0 | 0.00\% |
|  |  | BedroomR7 | w9 | 26.25 | 23.81 | -9.30\% | -9.30\% | -9.30\% | 23.81 | 99.92\% | 99.89\% | -0.02\% | $2.54 \%$ | 2.39\% | -6.06\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | ᄂковв | w10 | 15.96 | 15.96 | 0.00\% | -10.55\% | -7.57\% | 23.54 | ${ }^{99.96 \%}$ | 99.96\% | 0.00\% | ${ }_{3.37 \%}$ | 2.96\% | -12.09\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w11 | 36.68 | 33.12 | -15.14\% |  |  |  |  |  |  |  |  |  | 0 | 0 | $0.000 \%$ | 0 | 0 | 0.00\% |
|  |  | LK01R9 | w12 | 36.60 | 30.19 | -17.53\% | -31.16\% | -43.15\% | 17.16 | 96.65\% | ${ }^{96.62 \%}$ | -0.03\% | 3.07\% | 2.50\% | -18.68\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w13 | 13.26 | 4.14 | -68.76\% |  |  |  |  |  |  |  |  |  | 0 | 0 | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  | BedroomRR10 | W14 | 25.84 | 19.43 | -24.81\% | -24.81\% | -24.81\% | 19.43 | 96.76\% | 99.76\% | 0.00\% | 2.11\% | 1.79\% | -17.23\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | Bedroom/R11 | w15 | 34.65 | 27.46 | $-20.73 \%$ | $-20.73 \%$ | $-20.73 \%$ | 27.46 | 98.22\% | 97.58\% | -0.66\% | 1.76\% | 1.46\% | -16.96\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | LK01R12 | w16 | 18.20 | 18.20 | $0.00 \%$ | -47.32\% | -44.35\% | 14.84 | 99.12\% | 7.3.35\% | -22.9\% | 5.59\% | 3.99\% | -29.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w17 | 36.80 | 26.90 | $-2.9 .22 \%$ |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | w18 | 29.17 | 7.11 | -75.62\% |  |  |  |  |  |  |  |  |  | 55 | 15 | -72.73\% | ${ }^{13}$ | 7 | ${ }_{-46.15 \%}$ |
|  |  |  | w19 | 28.53 | 7.17 | -74.87\% |  |  |  |  |  |  |  |  |  | 54 | 16 | -70.37\% | 12 | 8 | .33.33\% |
|  |  | Bedioom/R13 | w20 | 26.60 | 7.23 | -72.81\% | -72.81\% | -72.81\% | ${ }^{2} 23$ | 73.51\% | 10.17\% | -86.16\% | 0.85\% | 0.35\% | -59.16\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | BedioomR14 | w21 | 23.34 | 7.61 | -67.41\% | -67.4\% | -67.41\% | 7.61 | 48.92\% | 18.50\% | .62.18\% | 1.80\% | 0.91\% | -49.19\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedioomR15 | W22 | 23.86 | 10.30 | -56.35\% | .56.55\% | -56.35\% | 10.30 | 53.6\% | 50.47\% | -5.76\% | $1.17 \%$ | 0.68\% | -42.18\% | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  |  | BedroomR16 | W23 | 2.55 | 11.75 | -53.9\%\% | .53.97\% | .53.9\%\% | 11.75 | 26.67\% | 1.99\% | .92.52\% | 0.37\% | 0.21\% | -4282\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | LK0R17 | $\mathrm{w}_{24}$ | 25.82 | 14.01 | -4.7.72\% | -45.72\% | -4.7.72\% | 14.01 | 49.55\% | 65.14\% | 31.46\% | 247\% | $1.64 \%$ | .33.69\% | 51 | ${ }^{35}$ | -31.37\% | 15 | ${ }^{17}$ | 13.33\% |
|  |  | LK01R18 | w25 | 26.48 | 16.67 | -37.55\% | .37.05\% | -37.05\% | 16.67 | $6.717 \%$ | 92844\% | $50.49 \%$ | 2.61\% | 1.90\% | -27.55\% | 56 | 40 | -28.57\% | 17 | 19 | 11.76\% |
|  |  | BedioomR19 | W26 | 27.89 | 20.11 | -27.92\% | -27.92\% | -27.92\% | 20.11 | 578.80\% | 73.0\% | 26.49\% | 0.4228 | $0.34 \%$ | -19.95\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedioomR20 | W27 | 28.31 | 20.72 | -26.81\% | -26.81\% | -26.81\% | 20.72 | 57.46\% | 52.96\% | -7.82\% | 1.11\% | 0.88\% | $-20.37 \%$ | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  | Fourn | Bedroom/R1 | $\mathrm{w}_{1}$ | 27.41 | 26.65 | -2.76\% | -2.76\% | -2.76\% | 26.65 | 89.50\% | 76.76\% | -14.23\% | 2.02\% | 1.99\% | -1.53\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.000 \%}$ |
|  |  | LK01R2 | $w_{2}$ | 17.50 | 17.50 | 0.00\% | -5.00\% | ${ }^{-3.67 \%}$ | 26.05 | 99.10\% | 99.76\% | -.35\% | ${ }^{3.41 \%}$ | 3.21\% | -5.88\% | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  |  | w3 | 37.33 | 34.59 | -7.34\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | ${ }^{0.00 \%}$ |
|  |  | <ко/R3 | w4 | 37.20 | 34.01 | ${ }^{-8.59 \%}$ | ${ }^{-17.88 \%}$ | -26.16\% | 20.77 | 100.00\% | 100.0\% | 0.00\% | 3.53\% | 3.19\% | -9.62\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  |  | ws | 13.38 | 7.53 | -4373\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedroomR4 | w6 | 26.05 | 22.62 | -13.16\% | -13.16\% | -13.6\% | 22.62 | 100.00\% | 100.00\% | 0.00\% | $2.80 \%$ | 2.53\% | -9.71\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedtoomR5 | w7 | 35.24 | 31.66 | -10.16\% | -10.16\% | -10.16\% | 31.66 | 97477\% | 96.94\% | ${ }^{-0.55 \%}$ | 1.50\% | 1.36\% | -9.00\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | BedioomR6 | ws | 35.09 | 31.66 | 9.78\% | -9.78\% | -9.78\% | 31.66 | 97.55\% | 97.56\% | 0.01\% | 1.70\% | 1.56\% | -8.17\% | 0 | 0 | $0.00 \%$ | 0 | 0 | $0.00 \%$ |
|  |  | BedtoomR7 | w9 | 26.57 | 24.28 | -8.64\% | -8.64\% | -8.64\% | 24.28 | 99.92\% | 99.99\% | -0.02\% | 2.56\% | 2.42\% | -5.62\% | 0 | 0 | $0.00 \%$ | $\bigcirc$ | $\bigcirc$ | 0.00\% |
|  |  | LKOR8 | $\mathrm{w}_{10}$ | ${ }^{15.92}$ | ${ }_{15.92}$ | 0.00\% | 10.03\% | -7.20\% | 23.65 | 999.6\% | 99.96\% | 0.00\% | 3.38\% | 3.00\% | -11.49\% | 0 | 0 | 0.00\% | 0 | $\bigcirc$ | ${ }^{0.00 \%}$ |
|  |  |  | ${ }^{\text {w11 }}$ | 36.66 | ${ }^{31.38}$ | -14.39\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 |  | 0.00\% |



|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target values | Proposed | Window \%age Diff | $\begin{gathered} \text { Mean Window \%age } \\ \text { Diff } \end{gathered}$ | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{gathered} \text { APSH } \\ \begin{array}{c} \text { TPaget } \\ \text { Values } \end{array} \end{gathered}$ | $\begin{aligned} & \text { APSH } \\ & \text { Proposed } \end{aligned}$ | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { Winter } \\ \text { Target } \\ \text { values } \end{array}$ | $\begin{gathered} \text { Winter } \\ \text { Proposed } \end{gathered}$ | Rage Diff |
| Hamilon House | Sixh | LK01R7 | w10 | ${ }^{22.45}$ | ${ }^{7.43}$ | .66.33\% | -27.89\% | -33.6\%\% | 19.48 | 9733\% | 95.55\% | -2.14\% | ${ }^{3.19 \%}$ | 267\% | -16.32\% | ${ }^{46}$ | 16 | -65.22 | ${ }^{20}$ | ${ }^{13}$ | ${ }^{35.00 \%}$ |
|  |  |  | w13 | 31.53 | 31.53 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |
|  |  | K¢01R8 | $w_{11}$ | 23.82 | 13.37 | -43.7\% | -1982\% | 22.93\% | 21.14 | 99.35\% | 72.83\% | -26.69\% | 1.25\% | 1.06\% | -1499\% | ${ }^{48}$ | ${ }^{27}$ | -43.75\% | ${ }^{22}$ | ${ }^{20}$ | -9.09\% |
|  |  |  | w12 | 28.90 | 28.90 | 0.00\% |  |  |  |  |  |  |  |  |  | 0 | 0 | $0.00 \%$ | 0 | 0 | 0.00\% |
|  | Sevent | LK0/R1 | w1 | 33.58 | 36.15 | ${ }^{-6.28 \%}$ | ${ }^{-6.28 \%}$ | -6.28\% | 36.15 | 98.87\% | 98.89\% | -0.03\% | 3.61\% | 3.00\% | -5.91\% | 0 | 0 | 0.00\% | 0 | 0 | 0.00\% |


| Address | Floor Level | Room Name | Window ID | vsc |  |  |  |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Target Values | Proposed | Window \%age Diff | $\begin{gathered} \text { Mean Window \%age } \\ \text { Diff } \end{gathered}$ | Room \%age Diff | Proposed Average | $\begin{gathered} \text { APSH } \\ \text { Target } \\ \text { Tar } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { APSH } \\ \text { Proposed } \end{array}$ | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { Winter } \\ \text { Target } \\ \text { Values } \\ \hline \end{array}$ | $\begin{gathered} \text { Winter } \\ \text { Proposed } \end{gathered}$ | Rage Diff |
| Lombard Chambers | Fourth | UnknownR1 | w1 | 22.47 | 17.28 | -23.09\% | $-20.89 \%$ | $-20.97 \%$ | 20.05 | NA | N/A | N/A | NA | N/A | N/A |
|  |  |  | w2 | 25.75 | 20.49 | -20.41\% |  |  |  | N/A | N/A | N/A | NA | N/A | N/A |
|  |  |  | w3 | 26.55 | 21.22 | -20.07\% |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w4 | 26.61 | 21.21 | -20.31\% |  |  |  | N/A | N/A | N/A | N/ | N/A | N/A |
|  |  | UnkrownlR2 | ws | 25.91 | 19.50 | -24.74\% | -31.10\% | -29.49\% | ${ }^{13.63}$ | N/A | N/A | N/A | NA | N/A | N/A |
|  |  |  | w6 | 11.39 | 8.28 | -27.27\% |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w7 | 27.93 | 21.14 | -24.30\% |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | ws | 11.69 | ${ }_{8.31}$ | -28.87\% |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w9 | 28.22 | 20.96 | -25.72\% |  |  |  | N/A | NA | N/A | N/ | N/A | N/A |
|  |  |  | w10 | 11.97 | ${ }^{8.30}$ | -30.63\% |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w11 | 28.69 | 20.88 | -27.24\% |  |  |  | N/A | NA | NA | NA | N/A | N/A |
|  |  |  | w12 | 12.32 | 8.28 | -32.75\% |  |  |  | N/ | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w13 | 26.79 | 19.82 | -26.22\% |  |  |  | N/A | N/A | N/A | NA | N/A | N/A |
|  |  |  | w14 | 12.54 | 8.13 | -35.16\% |  |  |  | N/A | N/ | N/A | N/A | N/A | N/A |
|  |  |  | w15 | 29.11 | 18.87 | .35.18\% |  |  |  | N/A | N/A | NA | NA | NA | N/A |
|  |  |  | w16 | 29.39 | 18.68 | -36.49\% |  |  |  | N/A | N/A | N/A | NA | NA | N/A |
|  |  |  | W17 | 29.65 | 18.50 | -37.61\% |  |  |  | N/A | N/A | N/A | N/ | N/ | N/A |
|  |  |  | w18 | 29.89 | 18.29 | .38.80\% |  |  |  | N/A | N/A | N/A | NA | N/A | N/A |
|  |  |  | w19 | 14.69 | 8.41 | -42.75\% |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w20 | 13.12 | ${ }^{8.37}$ | -36.18\% |  |  |  | NA | NA | NA | NA | NA | N/A |
|  |  |  | W21 | 12.12 | 8.59 | -29.12\% |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | W22 | 11.69 | 8.97 | $-23.28 \%$ |  |  |  | N/A | N/A | N/A | N/A | N/ | N/A |
|  |  |  | W23 | 31.62 | 21.28 | -32.69\% |  |  |  | N/A | N/A | N/A | NA | N/A | N/A |
|  |  |  | W24 | 16.80 | 12.67 | -24.00\% |  |  |  | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | W25 | 0.00 | 0.00 | 0.00\% |  |  |  | N/A | N/ | N/A | N/A | N/A | N/A |
|  |  | Unknown/R3 | W26 | 13.57 | 12.76 | -6.01\% | $-4.61 \%$ | $-4.68 \%$ | ${ }^{14.51}$ | N/A | N/A | N/A | N/A | NA | N/A |
|  |  |  | W27 | 14.04 | 13.37 | -4.80\% |  |  |  | N/ | N/ | NA | NA | N/ | N/A |
|  |  |  | W28 | 14.48 | 13.91 | -3.93\% |  |  |  | N/ | NA | N/A | N/A | NA | N/A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Existing | Proposed | Window \%age Diff | $\begin{gathered} \text { Mean Window \%age } \\ \text { Diff } \end{gathered}$ | Room orage Diff | Proposed Average | Existing | Proposed | \%age Diff | Existing | Proposed | \%age Diff | $\begin{aligned} & \text { APSH } \\ & \text { Existing } \end{aligned}$ | $\begin{gathered} \text { APSH } \\ \text { Proposed } \end{gathered}$ | \%age Diff | $\begin{gathered} \text { Winter } \\ \text { Existing } \end{gathered}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Winter } \\ \text { Proposed } \end{array} \\ \hline \end{array}$ | Rage Diff |
| ${ }^{22}$ Pall mall | Fist | LK01R1 | w1 | 14.00 | 8.60 | .38.60\% | -35.21\% | -35.58\% | 18.64 | ${ }^{97.34 \%}$ | 97.31\% | -0.03\% | 3.20\% | 2.36\% | -26.33\% | NA | NA | NA | N/A | NA | NA |
|  |  |  | w2 | 32.73 | 20.75 | .36.59\% |  |  |  |  |  |  |  |  |  | 62 | 45 | -27.42\% | ${ }^{18}$ | ${ }^{17}$ | -5.56\% |
|  |  |  | w3 | 32.62 | 21.06 | .35.42\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | N/A | N/ | NA |
|  |  |  | w4 | 32.43 | 21.26 | -34.49\% |  |  |  |  |  |  |  |  |  | N/ | NA | N/ | NA | N/ | NA |
|  |  |  | w5 | 32.05 | 21.52 | .3287\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | N/A | N/ | N/ |
|  | Second | LK01R1 | $w_{1}$ | 13.18 | 8.15 | .38.22\% | -32.29\% | .33.5\% | 20.10 | ${ }^{97.36 \%}$ | ${ }^{97} 3^{3 \%}$ | -0.04\% | $287 \%$ | 2.15\% | -25.29\% | NA | NA | NA | N/ | NA | NA |
|  |  |  | w2 | 34.26 | 22.50 | .34.32\% |  |  |  |  |  |  |  |  |  | ${ }^{68}$ | 50 | -26.47\% | ${ }^{24}$ | 22 | ${ }^{-8.33 \%}$ |
|  |  |  | w3 | 34.26 | 22.94 | .33.55\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | N/A | NA | NA |
|  |  |  | w4 | 34.18 | 23.26 | -31.97\% |  |  |  |  |  |  |  |  |  | N/A | N/ | N/ | N/A | N/ | NA |
|  |  |  | ws | 33.94 | 23.67 | -30.27\% |  |  |  |  |  |  |  |  |  | N/A | NA | NA | N/A | N/ | N/A |
|  | Third | LK01R1 | $\mathrm{w}_{1}$ | 13.74 | 8.65 | -37.07\% | -25.59\% | -28.13\% | 26.47 | 97.52\% | 97.51\% | 0.00\% | 5.71\% | $4.42 \%$ | -22.59\% | N/ | NA | N/ | NA | N/ | N/ |
|  |  |  | w2 | 35.46 | 23.98 | .3237\% |  |  |  |  |  |  |  |  |  | 69 | 52 | -24.64\% | ${ }^{24}$ | 22 | -8.33\% |
|  |  |  | w | 35.55 | 24.52 | .31.03\% |  |  |  |  |  |  |  |  |  | N/A | N/ | NA | N/A | N/ | NA |
|  |  |  | w4 | 35.41 | 24.79 | -30.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | N/A | NA | N/A |
|  |  |  | w5 | 36.42 | 25.66 | -29.54\% |  |  |  |  |  |  |  |  |  | N/ | N/A | N/ | N/A | NA | N/A |
|  |  |  | w6 | 34.78 | 24.83 | -28.62\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | N/ | N/A | N/A |
|  |  |  | w7 | 57.64 | 52.85 | ${ }^{-3.31 \%}$ |  |  |  |  |  |  |  |  |  | N/ | NA | NA | N/A | N/A | N/A |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Existing | Proposed | Window \%age Diff | $\begin{gathered} \text { Mean Window \%age } \\ \text { Diff } \end{gathered}$ | Room \%age Dift | Proposed Average | Existing | Proposed | \%age Diff | Existing | Proposed | \%age Diff | $\begin{gathered} \text { APSH } \\ \text { Existing } \end{gathered}$ | $\underset{\text { Proposed }}{\text { APSH }}$ | \%age Diff | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Winter } \\ \text { Existing } \end{array} \end{array}$ | $\begin{array}{\|l} \text { Winter } \\ \text { Proposed } \end{array}$ | Rage Diff |
| $\begin{gathered} 51-55 \text { Highfield } \\ \text { Street } \end{gathered}$ | Lower Ground | Living RoomR1 | ${ }_{\text {w }}$ | ${ }^{34.53}$ | ${ }^{29.58}$ | -14.34\% | -14.0\% | ${ }^{-14.00 \%}$ | 29.68 | 96.22\% | ${ }_{96}{ }^{21 \%}$ | ${ }^{-0.01 \%}$ | 0.83\% | ${ }^{0.74 \%}$ | -11.03\% | ${ }^{76}$ | ${ }^{58}$ | $-23.68 \%$ | ${ }^{26}$ | ${ }^{12}$ | ${ }_{-58.85 \%}$ |
|  |  | Lving Roomki | $\mathrm{w}_{2}$ | 34.49 | 29.78 | -13.67\% |  |  |  |  |  |  |  |  |  | N/ | NA | N/A | NA | N/A | N/ |
|  |  | Bediromm2 | $\mathrm{w}_{3}$ | ${ }^{34.45}$ | 30.15 | -12.46\% | ${ }^{-6.49 \%}$ | -6.09\% | 30.14 | ${ }_{96.96 \%}$ | 95.49\% | ${ }^{-1.52 \%}$ | 1.43\% | 1.35\% | -5.87\% | N/ | N/A | NA | N/A | N/ | N/A |
|  |  |  | $\mathrm{w}_{4}$ | 34.36 | 30.28 | -11.87\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | N/A | N/A | N/A |
|  |  |  | w5 | 30.11 | 30.11 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | N/ | NA | NA | NA |
|  |  |  | w6 | 30.03 | 30.03 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | N/A | N/ | NA | N/A |
|  | Ground | BedroomR1 | $\mathrm{w}_{1}$ | 6.20 | 6.20 | 0.00\% | ${ }^{-7.48 \%}$ | -6.00\% | 9.03 | 88.55\% | 88.55\% | -0.11\% | 2.86\% | 2.70\% | -5.51\% | N/ | N/A | N/ | N/A | N/ | N/A |
|  |  |  | w2 | 6.14 | 6.14 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | N/ | NA | N/A |
|  |  |  | w3 | 11.22 | 10.11 | -9.88\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | N/A | N/ | N/A |
|  |  |  | w4 | 12.17 | 10.96 | -9.90\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  |  | ws | 13.09 | 11.75 | -10.23\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | N/ | N/ | N/A |
|  |  | ${ }^{\text {Bedroomk2 }}$ | w6 | 20.10 | 15.18 | $-24.48 \%$ | 18.70\% | -19.95\% | 22.50 | ${ }^{82} 239$ | 8239\% | 0.00\% | 1.43\% | 1.25\% | -12.69\% | N/ | N/ | NA | N/ | NA | N/A |
|  |  |  | w7 | 35.49 | 30.02 | -1542\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/ | N/A | N/A | N/A |
|  |  | BedroomR3 | ws | 35.48 | 30.28 | -14.65\% | -14.65\% | -14.65\% | 30.28 | 98.77\% | 98.75\% | ${ }^{-0.02 \%}$ | 2.02\% | $1.77 \%$ | -12.09\% | N/A | N/ | N/ | N/A | N/ | N/ |
|  |  | BedroomR4 | w9 | 35.55 | 30.72 | -13.59\% | -13.59\% | -13.59\% | 30.72 | 95.62\% | 94.55\% <br> $7.422 \%$ | -1.33\% | 1.26\% | 1.12\% | -1127\% | N/A | N/ | N/A | N/A | N/A | N/A |
|  |  | Kithenerf | w10 | 35.53 | 30.92 | -12.96\% | -1270\% | -12:70\% | 30.97 | ${ }^{93} 300 \%$ |  | -21.30\% | ${ }^{1.96 \%}$ | 1.75\% | -10.72\% | NA | N/A | N/A | NA | N/A | N/ |
|  |  |  | w11 | 35.42 | 31.01 | -12.43\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/ | N/A | N/ | N/A |
|  |  | BedroomR6 | W12 | 35.45 | 31.26 | -11.82\% | 6.17\% | 5.9\% | 31.72 | $98.87 \%$ | 97.34\% | ${ }^{-1.55 \%}$ | 2.68\% | $2.433 \%$ | -9.58\% | N/ | N/ | NA | N/ | NA | N/ |
|  |  |  | w13 | 35.40 | 31.42 | -1123\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | NA | NA |
|  |  |  | W14 | 31.70 | 31.52 | -0.59\% |  |  |  |  |  |  |  |  |  | N/A | N/A | NA | NA | NA | NA |
|  |  |  | w15 | 32.69 | 32.69 | 0.00\% |  |  |  |  |  |  |  |  |  | NA | N/A | N/A | N/A | N/A | N/A |
|  | Fist | BedroomR1 | w1 | 8.02 | 8.02 | $0.00 \%$ | .3207\% | $-26.76 \%$ | 13.67 | 98.34\% | 98.34\% | 0.00\% | 4.13\% | 3.38\% | -18.18\% | N/A | N/ | N/ | N/ | N/ | N/A |
|  |  |  | w2 | 22.47 | 14.12 | .37.6\% |  |  |  |  |  |  |  |  |  | N/ | N/A | N/ | NA | NA | N/ |
|  |  |  | w3 | 24.19 | 15.59 | .35.5\% |  |  |  |  |  |  |  |  |  | NA | N/A | N/ | N/A | NA | N/ |
|  |  |  | w4 | 25.79 | 16.94 | -34.34\% |  |  |  |  |  |  |  |  |  | N/ | N/A | N/A | N/A | N/A | NA |
|  |  | KithenenR2 | w5 | 25.08 | 16.62 | .33.74\% | . $33.79 \%$ | . $33.74 \%$ | 16.62 | 98.63\% | 8230\% | -16.55\% | 0.92\% | 0.69\% | .24.85\% | N/ | N/A | N/ | N/A | NA | NA |
|  |  | BedroomR3 | w6 | 36.84 | 31.62 | -14.18\% | -14.18\% | -14.18\% | 31.62 | 89.59\% | 89.59\% | 0.00\% | 1.38\% | 1.21\% | -12.05\% | N/ | N/ | N/ | N/A | N/A | NA |
|  |  | BedroomR4 | w7 | 36.86 | 31.91 | -13.43\% | -13.43\% | -13.43\% | 31.91 | 96.71\% | 95.3\% | -1.74\% | 1.67\% | 1.48\% | -11.43\% | NA | N/A | N/A | N/A | N/A | NA |
|  |  | ${ }^{\text {Bedroomp5 }}$ | w8 | 36.86 | 32.26 | -1248\% | -12.18\% | -12.8\% | ${ }_{32,37}$ | 9.59\% | 99.58\% | -0.01\% | 3.31\% | 2.97\% | -10.39\% | NA | NA | NA | N/A | NA | NA |
|  |  |  | w9 | 36.86 | 32.49 | -11.88\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | NA |
|  |  | Bedroomp6 | w10 | 36.86 | 32.89 | -10.78\% | -7.02\% | -7.00\% | 34.17 | $99.13 \%$ | 99.12\% | -0.01\% | 4.88\% | 4.20\% | -6.29\% | N/A | N/ | NA | N/A | N/ | NA |
|  |  |  | w11 | 36.86 | 33.10 | -10.22\% |  |  |  |  |  |  |  |  |  | N/A | N/ | NA | N/A | N/ | N/ |
|  |  |  | w12 | 36.52 | 36.52 | 0.00\% |  |  |  |  |  |  |  |  |  | N/ | N/A | NA | N/A | NA | N/ |
|  | Second | Bedroom/R1 | w1 | ${ }^{73.78}$ | ${ }^{71.44}$ | -3.17\% | -4.13\% | -4.09\% | 75.01 | 100.00\% | 100.00\% | 0.00\% | 3.0\% | 3.22\% | ${ }^{-2.62 \%}$ | NA | N/A | NA | N/A | NA | NA |
|  |  |  | w2 | 82.71 | 78.58 | -4.99\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | N/A | NA | NA |
|  |  | Bediomm2 | ${ }^{\text {w }}$ | 86.65 | ${ }^{81.92}$ | -5.46\% | -5.48\% | -5.48\% | 82.43 | 100.00\% | 100.00\% | 0.00\% | 3.33\% | 3.2\%\% | -3.31\% | N/A | N/A | N/A | N/A | N/A | N/A |
|  |  |  | w4 | 87.77 | ${ }^{82.93}$ | -5.51\% |  |  |  |  |  |  |  |  |  | N/A | N/A | N/A | N/A | NA | NA |
|  |  | ${ }^{\text {BedroomR3 }}$ | w5 | 88.67 | 83.66 | -5.55\% | 5.63\% | 5.6.3\% | 83.75 | 100.00\% | 100.0\%\% | 0.00\% | 3.35\% | 3.23\% | -3.31\% | $N / A$ N/ |  |  |  |  |  |
|  |  |  | w6 | 88.82 | ${ }^{83,84}$ | -5.60\% |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Kichener 4 | w7 | 88.54 | 83.75 | -5.42\% | -54.499\% | -5.4.99\% | 83.75 | 99.93\% | 99.93\% | 0.00\% | 1.9\%\% | 1.92\% | -3.10\% | N/ |  |  |  |  |  |
|  |  | BedroomR5 | ws | 88.81 89.25 | 84.85 85.21 | -4.45\% |  |  | ${ }^{85.03}$ | $98.00 \%$ | 98.00\% | 0.00\% | ${ }^{3.03 \%}$ | 2.96\% | $-2.51 \%$ | N/A | N/A | N/A | N/A | N/ | N/A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Existing | Proposed | Window \%rage Diff | $\begin{array}{\|c\|} \hline \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Existing | Proposed | \%age Diff | Existing | Proposed | \%age Diff | $\begin{array}{\|l\|} \hline \begin{array}{c} \text { APSH } \\ \text { Existing } \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { APSH } \\ \text { Proposed } \end{array}$ | \%age Diff | $\begin{array}{\|c} \hline \begin{array}{l} \text { Winter } \\ \text { Existing } \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { Winter } \\ \text { Proposed } \end{array}$ | Rage Diff |
| Princes Gardens | Ground | UnKKown/R1 | W1 | 23.27 | ${ }^{21.36}$ | ${ }^{-8.22 \%}$ | ${ }^{-8.22 \%}$ | -8.22\% | ${ }^{21.36}$ | ${ }_{81.76 \%}$ | ${ }^{74.43 \%}$ | ${ }^{-9.97 \%}$ | ${ }^{1.04 \%}$ | 0.99\% | ${ }^{-5.89 \%}$ | ${ }^{42}$ | 39 | ${ }^{-7.14 \%}$ | ${ }^{16}$ | ${ }^{13}$ | ${ }^{-18.75 \%}$ |
|  |  | UnknommR2 | w2 | 22.56 | 2.54 | -8.55\% | -8.55\% | -8.55\% | 21.54 | ${ }^{74.24 \%}$ | 70.38\% | -5.20\% | 1.06\% | 0.99\% | -6.15\% | 42 | 39 | -7.44\% | 16 | ${ }^{13}$ | ${ }^{-18.75 \%}$ |
|  |  | Unknomm3 | w3 | 24.47 | 22.23 | 9.17\% | 9.17\% | 9.17\% | 22.23 | 80.32\% | 78.45\% | -2.34\% | 1.92\% | 1.80\% | -6.57\% | ${ }^{48}$ | 45 | -6.25\% | 17 | 14 | -17.65\% |
|  |  | Unkromm ${ }^{\text {a }}$ | w4 | 24.98 | 22.15 | -11.33\% | -1133\% | -11.33\% | 22.15 | 87.93\% | 80.74\% | 8.8\% | 0.80\% | 0.73\% | -8.41\% | ${ }^{46}$ | 42 | ${ }^{-8.70 \%}$ | 15 | ${ }^{11}$ | ${ }_{-26.67 \%}$ |
|  |  | Unknomm | w5 | 27.62 | 23.46 | -15.08\% | -15.08\% | -15.08\% | 23.46 | ${ }^{88.53 \%}$ | 68.76\% | -2233\% | $1.14 \%$ | 1.019 | -11.19\% | 49 | 44 | -10.20\% | ${ }^{18}$ | ${ }^{13}$ | ${ }^{-27.78 \%}$ |
|  |  | Unknom/R6 | w6 | 29.12 | 24.12 | -17.77\% | -17.7\% | -17.7\% | 24.12 | $96.45 \%$ | 74.87\% | -2238\% | 2.18\% | 1.90\% | -12.82\% | 57 | 50 | -12.28\% | ${ }^{21}$ | ${ }^{14}$ | ${ }^{-33.33 \%}$ |
|  |  | UnknownR7 | w7 | 30.05 | 24.38 | -18.99\% | -18.89\% | -18.89\% | 24.38 | 97.00\% | 75.66\% | -22.51\% | 1.28\% | 1.10\% | -14.34\% | 59 | 50 | -15.25\% | 22 | ${ }^{13}$ | $-40.91 \%^{\circ}$ |
|  |  | UnknommR | ws | 30.97 | 25.08 | -19.3\% | -19.03\% | -19.03\% | 25.08 | ${ }_{98.35 \%}$ | 76.6\% | -22.5\% | 1.54\% | 1.32\% | -14.68\% | 59 | 49 | -16.95\% | 22 | ${ }^{13}$ | $-4.9 .9 \%$ |
|  |  | Unkromm R 9 | w9 | 33.97 | 28.33 | -16.59\% | -16.59\% | -16.59\% | 28.33 | $99.74 \%$ | 95.24\% | -4.52\% | 2.88\% | 2.48\% | ${ }^{13.88 \%}$ | ${ }^{83}$ | ${ }^{73}$ | -12.55\% | 25 | 16 | -36.00\% |
|  |  | Unkrown/R10 | w10 | 32.96 | 27.53 | -16.47\% | -16.47\% | -16.47\% | 27.53 | $95.04 \%$ | 95.33\% | 0.00\% | 1.04\% | 0.90\% | -13.38\% | 75 | ${ }_{6}$ | -1200\% | 25 | ${ }^{17}$ | ${ }^{32.00 \%}$ |
|  |  | UnkrownR11 | w11 | 32.76 | 27.65 | -15.00\% | -15.00\% | -15.00\% | 27.65 | $95.44 \%$ | 95.44\% | 0.00\% | 1.12\%\% | 0.98\% | -12.66\% | ${ }^{71}$ | 64 | -9.86\% | 25 | ${ }^{18}$ | -28.00\% |
|  |  | UnkrommR12 | w12 | 33.77 | 28.78 | -1477\% | -1477\% | -1477\% | 28.78 | $99.88 \%$ | 9988\% | 0.00\% | 3.57\% | 3.13\% | -12.39\% | 82 | 75 | -8.54\% | ${ }^{24}$ | 17 | $-2.17 \%$ |
|  |  | Unkrom/R13 | W13 | 32.57 | 31.09 | -4.53\% | -4.53\% | -4.53\% | 31.09 | 98.27\% | 98.27\% | 0.00\% | 1.38\% | 1.33\% | -3.43\% | ${ }^{73}$ | ${ }^{66}$ | ${ }^{-9.59 \%}$ | 25 | 18 | -28.00\% |
|  |  | Unkrom/R14 | $\mathrm{w}_{14}$ | 32.34 | 30.95 | -4.30\% | -4.30\% | -4.30\% | 30.95 | $98.64 \%$ | 98.64\% | $0.00 \%$ | 1.50\% | 1.46\% | -3.26\% | 72 | ${ }^{65}$ | -9.72\% | 25 | 18 | -28.00\% |
|  | Fist | UnknownR1 | $\mathrm{w}_{1}$ | 25.96 | 22.98 | -11.12\% | -11.12\% | -11.12\% | 22.98 | ${ }^{86.33 \%}$ | 76.55\% | -1122\% | 1.13\% | 1.04\% | -8.14\% | 49 | 44 | -10.20\% | 19 | 14 | ${ }^{-26.328 \%}$ |
|  |  | UnkrommR2 | w2 | 26.19 | 23.30 | -11.22\% | -11.02\% | -11.02\% | 23.30 | 83.56\% | 77.71\% | -7.00\% | 1.149 | 1.05\% | -8.10\% | ${ }^{48}$ | 44 | ${ }^{-8.33 \%}$ | 19 | 15 | -21.05\% |
|  |  | Unknomm3 | w3 | 27.19 | 24.13 | -1122\% | -1122\% | -1122\% | 24.13 | $99.87 \%$ | 98.76\% | -1.11\% | 2.7\% | 1.00\% | 8.27\% | 54 | 50 | -7.41\% | ${ }^{20}$ | 16 | -20.00\% |
|  |  | Unknomm4 | w4 | 27.79 | 24.27 | -12.68\% | -12.68\% | -12.68\% | 24.27 | $90.24 \%$ | 85.15\% | -5.63\% | 0.81\% | 0.73\% | 9.77\% | 52 | 47 | -9.62\% | 19 | 14 | -26.32\% |
|  |  | Unknomm | ws | 28.83 | 24.95 | -13.49\% | -13.44\% | -13.44\% | 24.95 | 95.41\% | 89.98\% | -5.70\% | 0.98\% | 0.88\% | -10.39\% | ${ }_{5}^{53}$ | 48 | $\bigcirc .9 .33^{\circ}$ | 19 | ${ }^{14}$ | ${ }_{-26.32 \%}$ |
|  |  | UnknommR | w6 | 29.77 | 25.28 | -15.07\% | -15.07\% | -15.07\% | 25.28 | 97.91\% | 83.22\% | -14.29\% | 1.21\% | 1.07\% | -11.43\% | 52 | 46 | -11.54\% | 20 | 14 | -30.00\% |
|  |  | UnknommR | w7 | 31.11 | 26.02 | -16.36\% | -16.36\% | -16.36\% | 26.02 | 99.88\% | 93.98\% | -5.91\% | 2.29\% | 2.00\% | -12.66\% | 59 | 52 | -11.86\% | 22 | 15 | -31.82\% |
|  |  | UnkrommiR8 | ws | 31.62 | 26.14 | -17.3\% | -17.33\% | -17.33\% | 26.14 | ${ }^{98.09 \%}$ | 81.17\% | -17.25\% | 1.34\% | 1.16\% | -13.55\% | 59 | 52 | -11.86\% | 22 | ${ }^{15}$ | ${ }^{-31.82 \%}$ |
|  |  | Unknommg | w9 | 32.35 | 26.69 | -17.50\% | -17.50\% | -17.50\% | 26.69 | ${ }^{98.35 \%}$ | 78.49\% | $-20.24 \%$ | 1.61\% | 1.38\% | -13.90\% | ${ }^{61}$ | ${ }^{53}$ | -13.12\% | 22 | 15 | -31.82\% |
|  |  | Unkrom/R10 | w10 | 35.02 | 29.60 | -15.48\% | -15.48\% | -15.48\% | 29.60 | $99.74 \%$ | 96.65\% | -3.10\% | 2.96\% | 2.56\% | -13.44\% | ${ }^{84}$ | 76 | -9.52\% | ${ }^{26}$ | 19 | ${ }^{-26.92 \%}$ |
|  |  | Unkromm/R11 | $\mathrm{w}_{11}$ | 34.07 | 28.85 | -15.31\% | -15.31\% | -15.31\% | 28.85 | 95.06\% | 95.06\% | 0.00\% | 0.99\% | 0.86\% | -12.83\% | ${ }^{78}$ | ${ }^{71}$ | ${ }^{-9.97 \%}$ | 26 | 19 | ${ }^{-26.929 \%}$ |
|  |  | Unkrow/FR12 | $\mathrm{w}_{12}$ | 34.63 | 29.56 | -14.65\% | -14.65\% | -14.65\% | 29.56 | 96.07\% | 96.07\% | 0.00\% | 1.16\% | 1.10\% | -12.52\% | 79 | 72 | -8.88\% | ${ }^{26}$ | 19 | $-26.22 \%$ |
|  |  | Unkrow/RR13 | $\mathrm{w}_{13}$ | 33.86 | 28.95 | -14.49\% | -14.49\% | -14.49\% | 28.95 | ${ }^{94.62 \%}$ | 94.62\% | 0.00\% | 1.0\%\% | 0.94\% | -12.16\% | 74 | ${ }^{67}$ | -9.46\% | ${ }^{26}$ | 19 | -26.92\% |
|  |  | UnkrowmR14 | W14 | 34.84 | 30.04 | -13.76\% | -13.76\% | -13.76\% | 30.04 | 99.88\% | 99.88\% | 0.00\% | 3.67\% | 3.23\% | -11.99\% | ${ }^{84}$ | 77 | -8.33\% | ${ }^{26}$ | 19 | -26.92\% |
|  |  | Unkrom/R15 | w15 | 34.28 | 32.86 | -4.15\% | -4.15\% | -4.5\% | 32.86 | $98.27 \%$ | 98.27\% | 0.00\% | 1.45\% | 1.40\% | -3.38\% | 75 | ${ }^{68}$ | ${ }^{-9.33 \%}$ | ${ }^{26}$ | 19 | ${ }^{-26.92 \%}$ |
|  |  | Unkrow/r/R16 | w16 | 34.13 | 32.79 | -3.93\% | -3.33\% | -3.33\% | 32.79 | 98.53\% | 98.53\% | 0.00\% | 1.58\% | 1.53\% | ${ }^{-3.21 \%}$ | 74 | 67 | ${ }^{-9.46 \%}$ | 26 | 19 | -26.92\% |
|  | Second | UnknommR1 | w1 | 26.47 | 22.76 | -14.00\% | -14.00\% | -14.00\% | 22.76 | 87.91\% | 78.96\% | -10.7\% | 1.10\% | 0.99\% | -10.66\% | 50 | 45 | -10.00\% | ${ }^{20}$ | 15 | -25.00\% |
|  |  | UnKRommR2 | w2 | 26.98 | 23.26 | -13.79\% | -13.79\% | -13.79\% | 23.26 | $86.42 \%$ | 81.34\% | -5.87\% | 1.12\% | 1.00\% | -10.55\% | 50 | 46 | -8.00\% | 20 | 16 | $-2.000 \%$ |
|  |  |  | w | 29.88 | 26.03 | -12.87\% | -12.55\% | -12.95\% | 26.11 | 99.66\% | ${ }_{98,39 \%}$ | -1.27\% | 1.81\% | 1.62\% | -10.21\% | 57 | ${ }^{53}$ | -7.02\% | ${ }^{21}$ | ${ }^{17}$ | ${ }^{-19.05 \%}$ |
|  |  | Unknommes | w4 | 30.11 | 26.19 | -13.04\% |  |  |  |  |  |  |  |  |  | 57 | 53 | -7.02\% | ${ }^{21}$ | ${ }^{17}$ | ${ }^{-19.05 \%}$ |
|  |  | Unkromm4 | w5 | 28.12 | 23.92 | -14.92\% | -14.92\% | -14.92\% | 23.92 | 92.25\% | 88.38\% | -4.19\% | 0.81\% | 0.71\% | -11.81\% | 50 | 45 | -10.0\% | 20 | ${ }^{15}$ | -25.00\% |
|  |  | Unkromm ${ }^{\text {a }}$ | w6 | 29.21 | 24.79 | -15.15\% | -15.5\% | -15.5\% | 24.79 | 95.36\% | 9120\% | $4.35 \%$ | 0.97\% | 0.85\% | -11.99\% | 52 | 47 | -9.62\% | 20 | 15 | -25.00\% |
|  |  | Unkromm6 | w7 | 30.00 | 25.20 | -15.9\% | -15.99\% | -15.99\% | 25.20 | 97.48\% | 84.75\% | -13.06\% | 1.17\% | 1.2\%\% | -12.51\% | 55 | 48 | -1273\% | ${ }^{21}$ | 14 | -3333\% |
|  |  | Unknown/R7 | ws | 32.92 | 27.82 | -15.49\% | -15.53\% | -15.53\% | 27.88 | 99.74\% | 93.0\% | -5.55\% | 1.95\% | 1.71\% | -12.67\% | ${ }^{61}$ | 54 | -11.48\% | 22 | 15 | ${ }^{-31.82 \%}$ |
|  |  | UnknommRT | w9 | 33.08 | 27.93 | -15.58\% |  |  |  |  |  |  |  |  |  | 61 | 54 | -11.48\% | 22 | 15 | ${ }^{-31.82 \%}$ |
|  |  | UnKRomm8 | w10 | 31.08 | 25.81 | -16.95\% | -16.95\% | -16.95\% | 25.81 | 97.62\% | 82.16\% | -15.84\% | 1.27\% | 1.10\% | -13.44\% | 55 | 48 | -1273\% | ${ }^{21}$ | 14 | ${ }_{-3,33 \%}$ |
|  |  | Unkrommeg | w11 | 31.47 | 26.05 | -17.23\% | -17.23\% | -17.23\% | 26.05 | $97.84 \%$ | 79.48\% | -18.77\% | 1.51\% | 1.31\% | ${ }^{13.69 \%}$ | 56 | 49 | -12.50\% | 22 | ${ }^{15}$ | ${ }^{31.182 \%}$ |
|  |  | Unkrom/R10 | w12 | 35.93 | 30.73 | -14.47\% | -14.47\% | -14.47\% | 30.73 | $99.74 \%$ | 97.70\% | -2.05\% | 2.96\% | 2.59\% | -12.99\% | ${ }^{85}$ | ${ }^{78}$ | -8.24\% | ${ }^{27}$ | ${ }^{20}$ | -25.33\% |
|  |  | Unkrom/RR11 | $\mathrm{w}_{13}$ | 32.93 | 27.93 | -15.18\% | -15.18\% | -15.18\% | 27.93 | ${ }^{93.62 \%}$ | 93.62\% | 0.00\% | 0.96\% | $0.84 \%$ | -12.54\% | ${ }^{77}$ | 70 | ${ }^{-9.09 \%}$ | ${ }^{27}$ | 20 | -25.93\% |
|  |  | Unkrom/R12 | w14 | 33.61 | 28.75 | -14.46\% | -14.46\% | -14.46\% | 28.75 | $95.41 \%$ | 95.41\% | 0.00\% | 1.09\% | 0.96\% | -12.02\% | 79 | 72 | -8.86\% | 27 | ${ }^{20}$ | ${ }^{-25.93 \%}$ |
|  |  | Unkrom/R13 | w15 | 32.76 | 28.06 | -14.34\% | -14.34\% | -14.34\% | 28.06 | 93.71\% | 93.71\% | 0.00\% | 1.03\% | 0.91\% | -11.22\% | 75 | ${ }^{68}$ | ${ }^{-9.33 \%}$ | ${ }^{27}$ | 20 | -25.93\% |
|  |  | Unkrom/R14 | w16 | 35.83 | 31.24 | -12.80\% | -12.80\% | -12.80\% | 31.24 | 99.88\% | 99.88\% | 0.00\% | 3.69\% | 3.2\%\% | -11.58\% | ${ }^{85}$ | 78 | $-8.24 \%$ | ${ }^{27}$ | 20 | $-2.593 \%$ |
|  |  | Unkrom/R15 | W17 | 33.54 | 32.18 | -4.05\% | -4.55\% | -4.05\% | 32.18 | 97.47\% | 974.47\% | 0.00\% | 1.35\% | 1.31\% | -3.14\% | ${ }^{69}$ | ${ }^{63}$ | -8.70\% | ${ }^{26}$ | ${ }^{20}$ | -23.08\% |
|  |  | UnkrommR16 | w18 | 33.67 | 32.41 | -3.73\% | ${ }^{-3.73 \%}$ | ${ }^{-3.73 \%}$ | 32.41 | ${ }^{98.12 \%}$ | 98.12\% | 0.00\% | ${ }^{1.49 \%}$ | $1.44 \%$ | -2.99\% | ${ }_{68}$ | ${ }^{63}$ | -7.35\% | 25 | 20 | -20.00\% |




|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target values | Proposed | Window \%age Diff | $\begin{array}{\|c\|} \hline \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target values | Proposed | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { APSH } \\ \text { Target } \\ \text { values } \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { APSH } \\ \text { Proposed } \\ \hline \end{array}$ | \%age Diff | $\begin{aligned} & \begin{array}{l} \text { Winter } \\ \text { Target } \\ \text { Values } \end{array} \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Winter } \\ \text { Proposed } \end{array} \\ \hline \end{array}$ | \&age D |
| 40-44 Pall mall | Fith | LK01R1 | w1 | 38.45 | 38.47 | 0.05\% | ${ }^{9.47 \%}$ | 14.08\% | 30.09 | 98.88\% | 98.88\% | 0.00\% | 2.56\% | 2.86\% | 11.61\% | N/ | N/ | N/ | NA | N/A | NA |
|  |  |  | w2 | 14.05 | 18.33 | 30.47\% |  |  |  |  |  |  |  |  |  | 29 | ${ }^{34}$ | 17.24\% | $\stackrel{9}{ }$ | ${ }^{13}$ | 44.49\% |
|  |  |  | w3 | 29.97 | 33.48 | 11.71\% |  |  |  |  |  |  |  |  |  | NA | NA | NA | NA | NA | NA |
|  |  | BedroomR2 | w4 | 29.66 | 33.11 | 11.64\% | 12.01\% | 12.11\% | ${ }^{27.31}$ | 88.55\% | ${ }^{92.26 \%}$ | 3.72\% | ${ }^{1.13 \%}$ | ${ }^{1.24 \%}$ | ${ }^{9.25 \%}$ | NA | NA | NA | NA | N/A | NA |
|  |  |  | ws | 19.10 | 21.50 | 12.58\% |  |  |  |  |  |  |  |  |  | NA | N/ | NA | NA | N/A | N/ |
|  |  | ${ }_{\text {BedroomR }}$ | w6 | 24.59 | 26.30 | 6.94\% | 9.27\% | ${ }^{9.32 \%}$ | 26.32 | 96.36\% | 96.33\% | -0.03\% | 2.21\% | 2.36\% | 6.57\% | NA | N/A | NA | NA | N/ | NA |
|  |  |  | w7 | 23.57 | 26.33 | 11.71\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | NA | N/A | N/ |
|  |  | BedroomR4 | ws | 29.54 | 30.58 | 3.55\% | 3.55\% | 3.55\% | 30.58 | 97.99\% | $97.89 \%$ | 0.00\% | 1.92\% | 1.98\% | 2.83\% | N/A | NA | N/ | NA | N/A | N/ |
|  |  | BetroomR5 | w9 | 27.89 | 29.26 | 4.93\% | 4.93\% | 4.93\% | 29.26 | 98.87\% | 98.59\% | 0.28\% | 2.88\% | 2.25\% | 3.10\% | N/ | N/ | N/ | NA | N/A | N/A |
|  |  | LK01/6 | w10 | 23.39 | 24.52 | 4.80\% | 4.80\% | 4.80\% | 24.52 | 94.36\% | 99.96\% | 5.93\% | 1.68\% | 1.71\% | 2.06\% | 49 | 46 | ${ }^{-6.12 \%}$ | 19 | 14 | ${ }^{-26.32 \%}$ |
|  |  | BedroomR7 | w11 | 27.37 | 28.32 | 3.45\% | 3.45\% | 3.45\% | 28.32 | 99.9\% | 99.90\% | 0.00\% | $2.64 \%$ | 2.68\% | 1.43\% | N/ | NA | N/A | NA | N/A | N/ |
|  |  | BedtoomR8 | W12 | 27.61 | 28.39 | 2.82\% | 2.82\% | 2.82\% | 28.39 | 99.52\% | 99.08\% | 0.449\% | 2.25\% | 2.29\% | 1.85\% | N/A | N/ | N/ | NA | N/A | N/A |
|  |  | LK0/R9 | W13 | 22.81 | 23.28 | 2.02\% | 2.02\% | 2.02\% | 23.28 | 95.45\% | 99.81\% | 4.57\% | 1.65\% | 1.87\% | 1.20\% | 45 | 41 | ${ }^{-8.89 \%}$ | 17 | 10 | ${ }^{-41.18 \%}$ |
|  |  | LK01R10 | W14 | 22.97 | 22.97 | -0.01\% | -0.01\% | -0.01\% | 22.97 | 95.05\% | 99.9\% | 5.17\% | 1.63\% | 1.61\% | -1.64\% | 51 | 46 | -9.80\% | 19 | 12 | ${ }^{-36.84 \%}$ |
|  |  | BedroomR11 | W15 | 28.17 | 27.78 | -1.38\% | -1.38\% | -1.38\% | 27.78 | 98.92\% | 98.91\% | -0.01\% | 2.11\% | 2.07\% | -1.84\% | N/A | N/ | NA | NA | N/A | N/ |
|  |  | BeatromR12 | w16 | 29.39 | 28.65 | -2.50\% | -2.50\% | -2.50\% | 28.65 | 99.9\% | 99.97\% | 0.00\% | 2.70\% | 2.63\% | -2.88\% | N/ | N/A | NA | NA | N/A | N/ |
|  |  | BeditomR13 | W17 | 28.77 | 27.44 | -4.64\% | -4.64\% | -4.64\% | 27.44 | 97.74\% | 97.74\% | 0.00\% | 1.99\% | 1.93\% | -2.87\% | N/A | N/ | N/A | N/A | N/A | N/A |
|  |  | LKorR14 | W18 | 23.05 | 21.47 | -6.82\% | ${ }^{-6.82 \%}$ | ${ }^{-6.82 \%}$ | 21.47 | 95.49\% | 99.86\% | 4.63\% | $1.84 \%$ | 1.78\% | -4.49\% | 46 | ${ }^{38}$ | -17.39\% | 15 | 7 | -53.33\% |
|  |  | BedioomR15 | w19 | 27.25 | 24.88 | 8.73\% | -8.73\% | -8.73\% | 24.88 | 99.32\% | 99.32\% | 0.00\% | 3.14\% | 2.95\% | -6.02\% | N/ | N/ | NA | NA | N/ | N/ |
|  |  | LKorR16 | W20 | 16.58 | 14.14 | -14.73\% | -14.73\% | -14.73\% | 14.14 | 100.00\% | 100.00\% | 0.00\% | 227\% | 2.07\% | -9.02\% | ${ }^{33}$ | 30 | ${ }^{-9.09 \%}$ | 10 | 7 | .30.00\% |
|  |  | LK0R17 | w21 | 17.22 | 13.26 | -22.99\% | -22.99\% | -22.99\% | 13.26 | 99.98\% | 99.90\% | 0.08\% | 2.28\% | 1.95\% | -14.719\% | ${ }^{33}$ | ${ }^{26}$ | ${ }^{-21.21 \%}$ | 10 | 3 | -70.00\% |
|  |  | BeditompR18 | w22 | 29.15 | 21.70 | -22.55\% | -22.55\% | -25.55\% | 21.70 | 99.25\% | 98.12\% | -1.19\% | 3.58\% | 2.94\% | -17.00\% | NA | N/A | N/ | NA | N/A | N/A |
|  |  | BedioomR19 | W23 | 38.51 | 29.89 | -22.39\% | -22.39\% | -22.39\% | 29.89 | 96.64\% | 76.80\% | $-20.53 \%$ | 1.21\% | 0.96\% | $-20.22 \%$ | NA | N/A | N/ | NA | N/A | N/ |
|  |  | Bedrompr20 | w24 | 38.59 | 31.82 | -17.54\% | -17.54\% | -17.54\% | 31.82 | 96.19\% | 75.59\% | $-21.41 \%$ | 1.23\% | 1.03\% | -16.22\% | NA | N/ | NA | NA | N/ | N/ |
|  |  | Dining RoomR21 | W25 | 38.62 | 32.65 | -15.46\% | -15.46\% | -15.46\% | 32.65 | 97.46\% | 96.61\% | -0.87\% | 1.55\% | 1.33\% | -14.42\% | NA | N/ | N/A | NA | N/A | N/ |
|  |  |  | $\mathrm{w}_{1}$ | 3.55 | 3.52 | 0.03\% |  |  |  |  |  |  |  |  |  | NA | N/ | N/ | N/A | NA | NA |
|  |  | LKDR1 | w/ | 14.47 | 16.86 | 16.57\% | 4.88\% | 6.73\% | 29.82 | ${ }^{98.89 \%}$ | ${ }^{98.89 \%}$ | 0.00\% | 2.5\%\% | $2.67 \%$ | ${ }^{6.28 \%}$ | ${ }^{28}$ | ${ }^{31}$ | 10.71\% | 10 | ${ }^{13}$ | 30.00\% |
|  |  |  | w | 32.91 | 34.09 | 3.58\% |  |  |  |  |  |  |  |  |  | N/A | N/ | N/A | N/ | N/A | N/ |
|  |  | BedroomR2 | w4 | 32.96 | ${ }^{33.76}$ | 2.42\% | 1.48\% | 1.25\% | 27.93 | 9227\% | 9227\% | 0.00\% | 127\% | 1.29\% | 1.81\% | N/A | N/A | N/ | N/ | N/A | N/A |
|  |  |  | w5 | 22.08 | 22.10 | 0.08\% |  |  |  |  | ${ }^{9227 \%}$ | 0.00\% | 1.27\% | 1.29\% | ${ }^{1.818}$ | N/A | N/A | N/A | NA | N/A | NA |
|  |  | BetroomR3 | w6 | 27.67 25.88 | 27.26 2.59 | -1.48\% 275\% | 0.56\% | 0.63\% | 26.93 | ${ }^{96.55 \%}$ | 96.51\% | 0.14\% | 2.35\% | 2.38\% | ${ }^{1.14 \%}$ | N/A | N/A | N/A | $\stackrel{\text { NA }}{\text { N/ }}$ | N/ | NA |
|  |  | BedroomR4 | ws | ${ }^{25.88}$ | ${ }_{2}^{20.59}$ | -4.40\% | -4.40\% | -4.40\% | 23.12 | 99.33\% | 99.99\% | 0.04\% | 3.24\% | 3.14\% | -323\% | N/A | N/A | NA | NA | N/A | N/ NA |
|  |  | BedroomR5 | w9 | 22.35 | 21.16 | .5.30\% | .5.30\% | -5.30\% | 21.16 | ${ }^{98.87 \%}$ | 98.68\% | -0.19\% | 2.55\% | 2.46\% | -3.59\% | N/ | N/A | N/A | NA | N/A | N/ |
|  |  | LK0/R6 | w10 | 22.19 | 20.87 | .5.97\% | 5.97\% | 5.97\% | 20.87 | 99.96\% | 99.85\% | 0.11\% | 2.51\% | 2.40\% | -4.36\% | 42 | 40 | -4.76\% | 17 | ${ }^{13}$ | ${ }^{-23.53 \%}$ |
|  |  | BedroomR7 | w11 | 22.20 | 20.69 | -6.80\% | -6.80\% | -6.80\% | 20.69 | 99.96\% | 99.96\% | 0.00\% | 3.12\% | 2.96\% | -4.90\% | NA | NA | N/A | N/A | N/A | NA |
|  |  | BedroomR8 | W12 | 22.23 | 20.51 | -7.77\% | -7.77\% | ${ }^{-7.77 \%}$ | 20.51 | 99.50\% | 99.06\% | 0.44\% | 2.62\% | 2.88\% | -5.25\% | NA | N/A | N/A | NA | N/ | N/A |
|  | Sixh | LKo/R9 | W13 | 22.26 | 20.29 | -8.86\% | -8.86\% | -8.86\% | 20.29 | 99.99\% | 99.83\% | ${ }^{0.10 \%}$ | 2.59\% | 2.38\% | -6.35\% | ${ }^{43}$ | ${ }^{38}$ | -11.63\% | 17 | 11 | ${ }_{-35.29 \%}$ |
|  |  | LK01R10 | W14 | ${ }^{22.33}$ | 20.08 | -10.07\% | -10.07\% | -10.07\% | 20.08 | 99.96\% | 99.96\% | 0.00\% | 2.51\% | 2.33\% | .7.3\% | ${ }^{43}$ | ${ }^{37}$ | ${ }^{13.95 \%}$ | 17 | 10 | ${ }^{-41.18 \%}$ |
|  |  | BedioomR11 | W15 | 22.50 | 19.87 | -11.68\% | -11.68\% | -11.68\% | 19.87 | 99.16\% | 98.80\% | ${ }^{-0.37 \%}$ | 2.45\% | 2.25\% | -8.12\% | NA | NA | NA | NA | N/A | NA |
|  |  | Bedroom/R12 | W16 | 24.04 | 21.04 | -12.46\% | -12.46\% | -12.46\% | 21.04 | 99.93\% | 99.93\% | 0.00\% | 3.18\% | 2.87\% | -9.75\% | NA | N/A | N/A | N/ | N/A | NA |
|  |  | BedroomR13 | W17 | 24.81 | 21.28 | -14.22\% | -14.22\% | -1422\% | 21.28 | 99.67\% | 99.67\% | 0.00\% | 3.52\% | 3.8\%\% | -9.73\% | NA | NA | N/ | NA | N/A | NA |
|  |  | LKorR14 | W18 | 23.21 | 19.34 | -16.66\% | -16.66\% | -16.6\% | 19.34 | 99.96\% | 99.96\% | 0.00\% | 2.92\% | 2.56\% | -12.40\% | ${ }^{48}$ | ${ }^{38}$ | -20.83\% | ${ }^{18}$ | 8 | .55.56\% |
|  |  | BedioomR15 | w19 | 28.64 | 24.07 | -15.96\% | -15.96\% | -15.96\% | 24.07 | 99.32\% | 99.32\% | 0.00\% | 5.78\% | 5.12\% | -1148\% | NA | NA | NA | NA | NA | N/ |
|  |  | LK01R16 | W20 | 18.94 | 14.82 | -21.74\% | -21.74\% | -21.74\% | 14.82 | 100.00\% | 100.0\%\% | 0.00\% | 5.00\% | 4.26\% | -14.75\% | ${ }^{37}$ | 30 | ${ }^{-18.92 \%}$ | ${ }^{13}$ | 7 | -46.15\% |
|  |  | LK01R17 | W21 | 19.16 | 13.90 | -27.48\% | -27.48\% | -27.88\% | 13.90 | 99.93\% | 99.33\% | 0.05\% | 4.91\% | 4.00\% | -18.50\% | ${ }^{36}$ | ${ }^{27}$ | -25.00\% | 12 | 4 | -66.67\% |
|  |  | BedroomR18 | w22 | 29.30 | 20.90 | -28.8\% | -28.68\% | -28.8\%\% | 20.90 | 99.26\% | 98.75\% | -0.51\% | 6.39\% | 5.03\% | -21.18\% | N/ | NA | N/A | NA | NA | NA |
|  |  | Bedtoomk19 | w23 | 38.88 | 30.63 | -21.21\% | -2121\% | -2121\% | 30.63 | 95.78\% | 7.72\% | -20.95\% | 1.00\% | 0.80\% | -19.48\% | N/A | N/A | NA | N/ | N/A | N/A |
|  |  | Bedrompr20 | W24 | 38.93 | 32.52 | -16.47\% | -16.47\% | -16.47\% | 32.52 | 96.04\% | 75.06\% | $-21.84 \%$ | 1.01\% | 0.88\% | -15.48\% | N/A | N/A | N/A | N/A | N/A | N/ |
|  |  | Dining RoomR21 | W25 | 38.96 | ${ }^{33} 32$ | -14.47\% | -14.47\% | .1447\% | 33.32 | 96.58\% | 95.59\% | -1.07\% | 1.28\% | 1.10\% | -13.70\% | N/ | N/A | N/A | NA | N/A | N/A |


|  |  |  |  | vsc |  |  |  |  |  | Daylight Distribution |  |  | ADF |  |  | APSH |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address | Floor Level | Room Name | Window ID | Target Values | Proposed | Window \%age Diff | $\begin{array}{\|c} \text { Mean Window \%age } \\ \text { Diff } \end{array}$ | Room \%age Diff | Proposed Average | Target Values | Proposed | \%age Diff | Target Values | Proposed | \%age Diff | $\begin{array}{\|l\|l\|} \hline \text { APSH } \\ \text { Target } \\ \text { values } \end{array}$ | $\begin{aligned} & \text { APSH } \\ & \text { Proposed } \end{aligned}$ | \%age Diff | $\begin{aligned} & \hline \text { Winter } \\ & \text { Target } \\ & \text { Values } \end{aligned}$ | $\begin{aligned} & \text { Winter } \\ & \text { Proposed } \end{aligned}$ | Rage Diff |
| $40-44 \mathrm{Pall}$ Mal | Sevent | Living RoomR1 | ${ }^{\text {w }}$ | 12.95 | 12.95 | 0.00\% | 0.77\% | 0.67\% | ${ }^{26.79}$ | 100.0\%\% | 100.00\% | 0.00\% | 11.00\% | 11.97\% | 0.56\% | NA | N/A | NA | N/ | N/ | NA |
|  |  |  | w2 | 36.23 | 36.23 | 0.02\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | N/ | NA | NA |
|  |  |  | w3 | 30.57 | 31.18 | 2.00\% |  |  |  |  |  |  |  |  |  | ${ }^{46}$ | 48 | 4.35\% | 12 | ${ }^{14}$ | 16.67\% |
|  |  | KichennR2 | w4 | 35.06 | 34.55 | -1.44\% | ${ }^{-1.96 \%}$ | ${ }^{-1.96 \%}$ | ${ }^{34.43}$ | 8270\% | 95.56\% | 15.54\% | 1.13\% | 1.11\% | 1.76\% | NA | NA | NA | NA | NA | NA |
|  |  |  | w5 | 35.18 | 34.31 | -247\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | N/A | NA |
|  |  | BedioomR3 | w6 | 23.91 | 22.73 | -4.94\% | -4.94\% | -4.94\% | 22.73 | 72.26\% | 72.26\% | 0.01\% | 0.69\% | 0.68\% | -1.63\% | N/A | N/A | NA | N/ | N/A | N/A |
|  | Eight | BedroomR1 | $w_{1}$ | 8.18 | 8.18 | 0.00\% | -0.8\%\% | -0.14\% | ${ }^{21.43}$ | 84.50\% | 84.50\% | 0.00\% | 7.06\% | 7.05\% | 0.09\% | NA | N/A | NA | NA | NA | N/A |
|  |  |  | w2 | 29.57 | 29.58 | 0.01\% |  |  |  |  |  |  |  |  |  | NA | N/A | NA | NA | NA | N/A |
|  |  |  | w3 | 26.65 | 26.53 | -0.44\% |  |  |  |  |  |  |  |  |  | 45 | 46 | 2.22\% | ${ }^{13}$ | 14 | $7.69 \%$ |





