

Sheet1

CLIMATE DEFAULT VALUES FOR ASEAM2 QUICK INPUT  
02/06/2023

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<----- WALL DEFAULTS ----->  
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| climate<br>number | (1) | cate-<br>gory<br>G<br>(2) | cate-<br>gory<br>E,F<br>(3) | cate-<br>gory<br>D<br>(4) |
|-------------------|-----|---------------------------|-----------------------------|---------------------------|
|                   | 1   | 0.480                     | 0.580                       | 0.740                     |
|                   | 2   | 0.480                     | 0.580                       | 0.740                     |
|                   | 3   | 0.100                     | 0.110                       | 0.130                     |
|                   | 4   | 0.150                     | 0.230                       | 0.390                     |
|                   | 5   | 0.240                     | 0.500                       | 0.800                     |
|                   | 6   | 0.150                     | 0.180                       | 0.350                     |
|                   | 7   | 0.150                     | 0.190                       | 0.270                     |
|                   | 8   | 0.190                     | 0.220                       | 0.330                     |
|                   | 9   | 0.200                     | 0.220                       | 0.320                     |
|                   | 10  | 0.180                     | 0.220                       | 0.280                     |
|                   | 11  | 0.480                     | 0.580                       | 0.740                     |
|                   | 12  | 0.310                     | 0.360                       | 0.450                     |
|                   | 13  | 0.100                     | 0.100                       | 0.120                     |
|                   | 14  | 0.110                     | 0.110                       | 0.140                     |
|                   | 15  | 0.100                     | 0.110                       | 0.140                     |
|                   | 16  | 0.120                     | 0.130                       | 0.160                     |
|                   | 17  | 0.120                     | 0.130                       | 0.160                     |
|                   | 18  | 0.130                     | 0.140                       | 0.150                     |
|                   | 19  | 0.100                     | 0.100                       | 0.110                     |
|                   | 20  | 0.085                     | 0.090                       | 0.099                     |
|                   | 21  | 0.089                     | 0.087                       | 0.110                     |
|                   | 22  | 0.100                     | 0.110                       | 0.120                     |
|                   | 23  | 0.094                     | 0.097                       | 0.110                     |
|                   | 24  | 0.077                     | 0.081                       | 0.088                     |
|                   | 25  | 0.071                     | 0.073                       | 0.080                     |
|                   | 26  | 0.076                     | 0.081                       | 0.092                     |
|                   | 27  | 0.067                     | 0.070                       | 0.078                     |
|                   | 28  | 0.063                     | 0.065                       | 0.069                     |
|                   | 29  | 0.065                     | 0.065                       | 0.069                     |
|                   | 30  | 0.048                     | 0.048                       | 0.049                     |

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| <--- WINDOW DEFAULTS --->     |                         |                                |                         | ROOF <- SEASONS ->             |                        |                                  |                                |
|-------------------------------|-------------------------|--------------------------------|-------------------------|--------------------------------|------------------------|----------------------------------|--------------------------------|
| cate-<br>gory<br>A,B,C<br>(5) | window<br>U-fact<br>(6) | window<br>shad<br>coeff<br>(7) | window<br>U-fact<br>(8) | window<br>shad<br>coeff<br>(9) | roof<br>U-fact<br>(10) | summer<br>month<br>begin<br>(11) | summer<br>month<br>end<br>(12) |
| 0.800                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.092                  | 1                                | 12                             |
| 0.800                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.061                  | 1                                | 12                             |
| 0.150                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.071                  | 4                                | 11                             |
| 0.550                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.094                  | 4                                | 11                             |
| 0.800                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.110                  | 4                                | 10                             |
| 0.330                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.073                  | 4                                | 10                             |
| 0.370                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.065                  | 4                                | 10                             |
| 0.440                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.071                  | 5                                | 10                             |
| 0.430                         | 1.15                    | 0.69                           | 0.68                    | 0.55                           | 0.065                  | 5                                | 10                             |
| 0.350                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.053                  | 5                                | 10                             |
| 0.800                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.071                  | 5                                | 10                             |
| 0.510                         | 1.15                    | 0.69                           | 0.81                    | 0.55                           | 0.048                  | 5                                | 9                              |
| 0.130                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.069                  | 5                                | 9                              |
| 0.160                         | 0.81                    | 0.55                           | 0.45                    | 0.55                           | 0.066                  | 5                                | 9                              |
| 0.160                         | 0.81                    | 0.55                           | 0.45                    | 0.55                           | 0.059                  | 5                                | 9                              |
| 0.190                         | 0.81                    | 0.55                           | 0.45                    | 0.55                           | 0.069                  | 5                                | 9                              |
| 0.190                         | 0.81                    | 0.55                           | 0.45                    | 0.55                           | 0.061                  | 5                                | 9                              |
| 0.190                         | 0.81                    | 0.55                           | 0.45                    | 0.55                           | 0.060                  | 5                                | 9                              |
| 0.120                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.060                  | 5                                | 9                              |
| 0.100                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.056                  | 5                                | 9                              |
| 0.130                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.056                  | 5                                | 9                              |
| 0.140                         | 0.81                    | 0.55                           | 0.45                    | 0.55                           | 0.059                  | 6                                | 8                              |
| 0.130                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.054                  | 6                                | 8                              |
| 0.095                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.052                  | 6                                | 8                              |
| 0.085                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.048                  | 6                                | 8                              |
| 0.100                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.051                  | 6                                | 8                              |
| 0.085                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.047                  | 6                                | 8                              |
| 0.073                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.043                  | 6                                | 8                              |
| 0.071                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.046                  | 6                                | 8                              |
| 0.051                         | 0.68                    | 0.55                           | 0.45                    | 0.55                           | 0.033                  | 6                                | 8                              |

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| Bldg                        |
|-----------------------------|
| Type Building               |
| No Description              |
| (1) (2)                     |
| 1 Auditorium                |
| 2 Clinic                    |
| 3 Community Center          |
| 4 Gymnasium/Health Club     |
| 5 Hotel                     |
| 6 Office                    |
| 7 Residential-Multifamily   |
| 8 Residential-Single Family |
| 9 Restaurant                |
| 10 Retail                   |
| 11 School-Elementary        |
| 12 School-Secondary         |
| 13 Theatres                 |
| 14 Warehouse                |

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| ----- DIVERSITIES             |                             |                                |                              |                                |                              |                                |                               |             |               |
|-------------------------------|-----------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|
| ----- PEOPLE & EQUIP          |                             |                                |                              |                                |                              |                                |                               |             |               |
| Occup<br>Start<br>Hour<br>(3) | Occup<br>Hrs/<br>Day<br>(4) | Wkdays<br>Occup<br>From<br>(5) | Wkdays<br>Occup<br>To<br>(6) | Satday<br>Occup<br>From<br>(7) | Satday<br>Occup<br>To<br>(8) | Sunday<br>Occup<br>From<br>(9) | Sunday<br>Occup<br>To<br>(10) | occ<br>(11) | unocc<br>(12) |
| 9                             | 8                           | 900                            | 1700                         | 900                            | 1700                         | 0                              | 0                             | 33          | 0             |
| 8                             | 16                          | 800                            | 2200                         | 800                            | 1900                         | 900                            | 1600                          | 46          | 0             |
| 7                             | 16                          | 700                            | 2200                         | 800                            | 2200                         | 800                            | 2200                          | 43          | 1             |
| 7                             | 16                          | 700                            | 2200                         | 800                            | 2200                         | 800                            | 2200                          | 43          | 1             |
| 0                             | 16                          | 1700                           | 700                          | 1800                           | 700                          | 2000                           | 800                           | 75          | 30            |
| 8                             | 12                          | 800                            | 1800                         | 800                            | 1600                         | 0                              | 0                             | 59          | 3             |
| 17                            | 16                          | 1700                           | 900                          | 1700                           | 900                          | 1700                           | 900                           | 30          | 85            |
| 17                            | 16                          | 1700                           | 900                          | 1700                           | 900                          | 1700                           | 900                           | 30          | 85            |
| 7                             | 16                          | 700                            | 2400                         | 700                            | 2400                         | 0                              | 0                             | 37          | 4             |
| 8                             | 14                          | 800                            | 2100                         | 800                            | 2100                         | 1000                           | 1900                          | 51          | 0             |
| 8                             | 8                           | 800                            | 1600                         | 0                              | 0                            | 0                              | 0                             | 62          | 0             |
| 8                             | 14                          | 800                            | 2100                         | 900                            | 1300                         | 0                              | 0                             | 50          | 3             |
| 13                            | 12                          | 1300                           | 2400                         | 1300                           | 2400                         | 1300                           | 2400                          | 38          | 0             |
| 8                             | 10                          | 800                            | 1700                         | 900                            | 1600                         | 0                              | 0                             | 50          | 0             |

| DIVERSITIES LIGHTING |       |        | ZONE TYPE CODES |        |        |        |        |        |        |        |         |  |
|----------------------|-------|--------|-----------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
| occ                  | unocc | Type 1 | Type 2          | Type 3 | Type 4 | Type 5 | Type 6 | Type 7 | Type 8 | Type 9 | Type 10 |  |
| (13)                 | (14)  | (15)   | (16)            | (17)   | (18)   | (19)   | (20)   | (21)   | (22)   | (23)   | (24)    |  |
| 80                   | 2     | 2      | 36              | 16     | 12     | 37     | 0      | 0      | 0      | 0      | 0       |  |
| 65                   | 4     | 14     | 16              | 12     | 19     | 11     | 22     | 32     | 37     | 33     | 0       |  |
| 68                   | 4     | 7      | 28              | 13     | 10     | 17     | 30     | 35     | 23     | 25     | 37      |  |
| 68                   | 4     | 17     | 30              | 35     | 7      | 28     | 13     | 10     | 23     | 25     | 22      |  |
| 38                   | 29    | 5      | 21              | 26     | 22     | 1      | 16     | 12     | 18     | 6      | 32      |  |
| 80                   | 12    | 16     | 12              | 15     | 11     | 39     | 19     | 22     | 32     | 37     | 33      |  |
| 20                   | 20    | 27     | 26              | 37     | 6      | 18     | 22     | 37     | 8      | 0      | 0       |  |
| 20                   | 20    | 34     | 0               | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       |  |
| 59                   | 5     | 6      | 18              | 4      | 37     | 33     | 22     | 0      | 0      | 0      | 0       |  |
| 75                   | 10    | 32     | 37              | 33     | 40     | 24     | 6      | 18     | 4      | 9      | 2       |  |
| 78                   | 4     | 7      | 28              | 19     | 13     | 29     | 2      | 20     | 10     | 16     | 23      |  |
| 65                   | 6     | 7      | 28              | 19     | 13     | 29     | 2      | 20     | 10     | 16     | 23      |  |
| 70                   | 0     | 2      | 38              | 12     | 22     | 37     | 16     | 0      | 0      | 0      | 0       |  |
| 82                   | 6     | 40     | 33              | 31     | 16     | 12     | 23     | 0      | 0      | 0      | 0       |  |

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| Type | Type | Type | Type | Type | Type | Type | Type | Type | Type |
|------|------|------|------|------|------|------|------|------|------|
| 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   |
| (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) | (34) |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 18   | 6    | 22   | 12   | 2    | 36   | 29   | 20   | 0    | 0    |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 37   | 33   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 6    | 18   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 3    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 6    | 25   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 6    | 25   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

ZONE DEFAULT VALUES FOR ASEAM2 QUICK INPUT

02/06/2023

| Zone<br>Type<br>Number<br>(1) | Zone<br>Type<br>Description<br>(2) | Summer<br>Occ<br>Stat<br>(3) | Winter<br>Occ<br>Stat<br>(4) |
|-------------------------------|------------------------------------|------------------------------|------------------------------|
|                               | 1 ASSEMBLY RM                      | 75                           | 70                           |
|                               | 2 AUDITORIUMS                      | 78                           | 70                           |
|                               | 3 AUTO REP WKRM                    | 80                           | 60                           |
|                               | 4 BARS                             | 75                           | 70                           |
|                               | 5 BEDROOM                          | 78                           | 70                           |
|                               | 6 CAFETERIA/DINING RM              | 75                           | 70                           |
|                               | 7 CLASSROOM                        | 75                           | 70                           |
|                               | 8 COIN LAUNDRY                     | 80                           | 65                           |
|                               | 9 COMMERC LAUNDRY                  | 80                           | 65                           |
|                               | 10 COMMON RM, LOUNGE               | 75                           | 70                           |
|                               | 11 COMPUTER ROOM                   | 75                           | 70                           |
|                               | 12 CONFERENCE                      | 75                           | 70                           |
|                               | 13 CRAFT & VOCAT TRNG              | 75                           | 70                           |
|                               | 14 DOCTOR CONSULT                  | 75                           | 70                           |
|                               | 15 DRAFTING, ART                   | 75                           | 70                           |
|                               | 16 GENL OFFICE                     | 75                           | 70                           |
|                               | 17 GYMNASIUM                       | 75                           | 65                           |
|                               | 18 KITCHEN/COOKING                 | 80                           | 70                           |
|                               | 19 LABORATORY                      | 75                           | 70                           |
|                               | 20 LIBRARY                         | 75                           | 70                           |
|                               | 21 LIVING (SUITES)                 | 78                           | 70                           |
|                               | 22 LOBBY                           | 78                           | 70                           |
|                               | 23 LOCKER ROOM/SHOWERS             | 78                           | 72                           |
|                               | 24 MEAT PROC RM                    | 70                           | 60                           |
|                               | 25 MECH/ELECT ROOM                 | 80                           | 70                           |
|                               | 26 MULTI FAM KIT, BATH             | 78                           | 70                           |
|                               | 27 MULTI FAM LVG, BR               | 78                           | 70                           |
|                               | 28 MULTIPLE USE RM                 | 75                           | 70                           |
|                               | 29 MUSIC ROOM                      | 75                           | 70                           |
|                               | 30 PLAYING FLOOR                   | 75                           | 65                           |
|                               | 31 REPAIR SHOP                     | 80                           | 65                           |
|                               | 32 SALES AREA                      | 75                           | 70                           |
|                               | 33 SHIPPNG/RECEIVG                 | 80                           | 60                           |
|                               | 34 SNGL FAM RES                    | 78                           | 70                           |
|                               | 35 SPECTATOR AREAS                 | 75                           | 65                           |
|                               | 36 STAGES                          | 78                           | 70                           |
|                               | 37 STORAGE/STOCK ROOM              | 80                           | 60                           |
|                               | 38 UTILITY ROOM                    | 80                           | 65                           |

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|                 |    |    |
|-----------------|----|----|
| 39 WAITING ROOM | 75 | 70 |
| 40 WAREHOUSE    | 80 | 60 |





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| Winter<br>Unocc<br>Stat<br>(5) | Ceiling<br>Plenum<br>(6) | Space Type Number  |           |           |           |            |            |            |            |
|--------------------------------|--------------------------|--------------------|-----------|-----------|-----------|------------|------------|------------|------------|
|                                |                          | Space Type Numbers | #1<br>(7) | #2<br>(8) | #3<br>(9) | #4<br>(10) | #5<br>(11) | #6<br>(12) | #7<br>(13) |
| 60                             | Y                        |                    | 6         | 8         | 16        | 18         | 31         | 47         | 49         |
| 60                             | Y                        |                    | 6         | 8         | 16        | 18         | 31         | 47         | 49         |
| 55                             | N                        |                    | 69        | 43        | 48        | 73         | 0          | 0          | 0          |
| 60                             | Y                        |                    | 8         | 9         | 22        | 32         | 38         | 57         | 66         |
| 60                             | N                        |                    | 12        | 13        | 11        | 34         | 66         | 0          | 0          |
| 60                             | Y                        |                    | 32        | 9         | 22        | 38         | 57         | 66         | 0          |
| 60                             | Y                        |                    | 16        | 63        | 6         | 8          | 18         | 0          | 0          |
| 55                             | N                        |                    | 72        | 37        | 20        | 71         | 0          | 0          | 0          |
| 55                             | N                        |                    | 72        | 37        | 29        | 66         | 70         | 0          | 0          |
| 60                             | Y                        |                    | 42        | 57        | 51        | 52         | 53         | 54         | 8          |
| 60                             | Y                        |                    | 17        | 27        | 29        | 51         | 52         | 53         | 54         |
| 60                             | Y                        |                    | 18        | 54        | 8         | 16         | 42         | 57         | 64         |
| 60                             | N                        |                    | 16        | 15        | 17        | 23         | 24         | 25         | 26         |
| 60                             | Y                        |                    | 21        | 51        | 52        | 53         | 17         | 18         | 42         |
| 60                             | Y                        |                    | 23        | 24        | 25        | 51         | 52         | 53         | 0          |
| 60                             | Y                        |                    | 51        | 52        | 53        | 23         | 24         | 25         | 18         |
| 55                             | N                        |                    | 35        | 63        | 41        | 11         | 19         | 66         | 0          |
| 60                             | N                        |                    | 38        | 32        | 22        | 9          | 11         | 19         | 57         |
| 60                             | Y                        |                    | 39        | 51        | 54        | 15         | 16         | 17         | 18         |
| 60                             | Y                        |                    | 54        | 14        | 65        | 5          | 19         | 0          | 0          |
| 60                             | N                        |                    | 22        | 34        | 38        | 40         | 11         | 12         | 13         |
| 60                             | Y                        |                    | 40        | 50        | 55        | 56         | 4          | 19         | 0          |
| 60                             | Y                        |                    | 41        | 42        | 11        | 19         | 66         | 67         | 0          |
| 55                             | N                        |                    | 45        | 66        | 11        | 0          | 0          | 0          | 0          |
| 60                             | N                        |                    | 29        | 27        | 19        | 0          | 0          | 0          | 0          |
| 60                             | Y                        |                    | 38        | 11        | 22        | 0          | 0          | 0          | 0          |
| 60                             | Y                        |                    | 12        | 13        | 19        | 29         | 34         | 57         | 66         |
| 60                             | Y                        |                    | 68        | 8         | 11        | 19         | 26         | 27         | 29         |
| 60                             | Y                        |                    | 16        | 57        | 66        | 0          | 0          | 0          | 0          |
| 55                             | N                        |                    | 35        | 63        | 11        | 19         | 41         | 66         | 0          |
| 55                             | N                        |                    | 69        | 11        | 15        | 19         | 28         | 42         | 43         |
| 60                             | Y                        |                    | 58        | 59        | 60        | 61         | 62         | 6          | 9          |
| 55                             | N                        |                    | 45        | 64        | 66        | 11         | 15         | 19         | 27         |
| 60                             | Y                        |                    | 11        | 22        | 38        | 0          | 0          | 0          | 0          |
| 55                             | N                        |                    | 6         | 16        | 31        | 44         | 63         | 0          | 0          |
| 60                             | N                        |                    | 47        | 49        | 0         | 0          | 0          | 0          | 0          |
| 55                             | N                        |                    | 11        | 27        | 29        | 33         | 36         | 41         | 45         |
| 55                             | N                        |                    | 11        | 27        | 29        | 35         | 41         | 64         | 66         |

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|    |   |    |    |    |    |    |    |    |
|----|---|----|----|----|----|----|----|----|
| 60 | Y | 8  | 11 | 16 | 18 | 40 | 42 | 55 |
| 55 | N | 45 | 66 | 67 | 51 | 53 | 64 | 1  |

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| #8<br>(14) | #9<br>(15) | #10<br>(16) | #11<br>(17) | #12<br>(18) | #13<br>(19) | #14<br>(20) | #15<br>(21) | #16<br>(22) | #17<br>(23) | #18<br>(24) | #19<br>(25) | #20<br>(26) |
|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 50         | 63         | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 50         | 63         | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 18         | 22         | 68          | 71          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 66         | 71         | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 68         | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 43         | 45         | 47          | 49          | 51          | 52          | 53          | 73          | 0           | 0           | 0           | 0           | 0           |
| 46         | 66         | 67          | 19          | 11          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 11         | 16         | 17          | 19          | 1           | 2           | 3           | 33          | 64          | 66          | 67          | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 19         | 28         | 29          | 33          | 36          | 66          | 67          | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 19         | 29         | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 67         | 68         | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 36         | 38         | 41          | 42          | 45          | 55          | 57          | 64          | 65          | 66          | 67          | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 45         | 48         | 55          | 56          | 66          | 67          | 73          | 0           | 0           | 0           | 0           | 0           | 0           |
| 10         | 11         | 19          | 22          | 26          | 29          | 30          | 32          | 36          | 38          | 44          | 47          | 50          |
| 28         | 29         | 32          | 33          | 43          | 51          | 71          | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 46         | 64         | 65          | 66          | 67          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 67         | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |

Sheet1

|    |    |    |    |    |    |    |    |   |   |   |   |   |
|----|----|----|----|----|----|----|----|---|---|---|---|---|
| 57 | 63 | 71 | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 |
| 11 | 19 | 29 | 30 | 33 | 36 | 41 | 42 | 0 | 0 | 0 | 0 | 0 |

SPACE DEFAULT VALUES FOR ASEAM2 QUICK INPUT

02/06/2023

-----  
LIGHTING  
-----

| Space | No | Space name            | light W/sf | light type |
|-------|----|-----------------------|------------|------------|
|       | 1  | Acntg/Low Part        | 2.1        | 2          |
|       | 2  | Acntg/Med Part        | 2.4        | 2          |
|       | 3  | Acntg/High Part       | 2.7        | 2          |
|       | 4  | Atrium                | 0.7        | 1          |
|       | 5  | Audio Visual          | 1.1        | 2          |
|       | 6  | Auditorium            | 1.6        | 1          |
|       | 7  | Bank Activity Area    | 2.8        | 2          |
|       | 8  | Banquet/Multipurp Rm  | 2.4        | 5          |
|       | 9  | Bar/Lounge            | 2.5        | 4          |
|       | 10 | Barber/Beauty Parlor  | 2.0        | 4          |
|       | 11 | Bathroom/Powder Rm    | 1.2        | 1          |
|       | 12 | Bedroom w/Study/Dorm  | 1.7        | 4          |
|       | 13 | Bedroom/Dorm          | 1.1        | 4          |
|       | 14 | Card File & Catalog   | 1.6        | 2          |
|       | 15 | Carpentry Shop        | 2.3        | 1          |
|       | 16 | Classrm/Lecture Hall  | 2.0        | 1          |
|       | 17 | Computer/Ofc Equip    | 2.1        | 2          |
|       | 18 | Conference/Mtg Rm     | 1.8        | 2          |
|       | 19 | Corridor              | 0.8        | 5          |
|       | 20 | Bank Customer Area    | 1.1        | 2          |
|       | 21 | Dental Suite/Exam     | 1.6        | 2          |
|       | 22 | Dining Room           | 2.5        | 4          |
|       | 23 | Draft/High Part       | 3.4        | 2          |
|       | 24 | Draft/Low Part        | 2.6        | 2          |
|       | 25 | Draft/Med Part        | 2.9        | 2          |
|       | 26 | Dressing/Fitting Rm   | 1.4        | 1          |
|       | 27 | Elec/Mech Control Rm  | 1.5        | 1          |
|       | 28 | Electr/Elctronic Shp  | 2.5        | 1          |
|       | 29 | Electr/Mech Equip Rm  | 0.7        | 1          |
|       | 30 | Elevator/Stairwells   | 0.6        | 1          |
|       | 31 | Exhibition            | 1.9        | 1          |
|       | 32 | Fast Food/Cafeteria   | 1.3        | 1          |
|       | 33 | Filing, Inactive      | 1.0        | 2          |
|       | 34 | Guest Room (Hotel)    | 1.4        | 4          |
|       | 35 | Gym/Genl Exer/Recr    | 1.0        | 4          |
|       | 36 | Inspectn/Restor/Museu | 3.9        | 2          |
|       | 37 | Ironing & Sorting     | 1.3        | 1          |
|       | 38 | Kitchen/Cooking       | 1.4        | 1          |

Sheet1

|                          |     |   |
|--------------------------|-----|---|
| 39 Laboratory            | 2.3 | 2 |
| 40 Lobby                 | 1.7 | 4 |
| 41 Locker Room/Shower    | 0.8 | 1 |
| 42 Lounge/Waiting Room   | 0.7 | 2 |
| 43 Machinery Shop        | 2.5 | 1 |
| 44 Mall/Concourse        | 1.4 | 4 |
| 45 Material Handling     | 1.0 | 1 |
| 46 Medical Supplies      | 2.4 | 2 |
| 47 Motion Pict/Theater   | 1.0 | 4 |
| 48 Painting Shop         | 1.6 | 1 |
| 49 Perf Arts/Theater     | 1.5 | 4 |
| 50 Hotel Public Area     | 1.2 | 1 |
| 51 Read,Typ,Fil/LoPart   | 1.8 | 2 |
| 52 Read,Typ,Fil/MedPart  | 1.9 | 2 |
| 53 Read,Typ,Fl/HiPart    | 2.2 | 2 |
| 54 Reading Area          | 1.9 | 2 |
| 55 Reception & Wait      | 1.0 | 1 |
| 56 Reception Desk        | 2.4 | 2 |
| 57 Recreation/Lounge     | 0.7 | 4 |
| 58 Retail (Fine Merch)   | 3.2 | 4 |
| 59 Retail (Mass Merch)   | 3.3 | 1 |
| 60 Retail (Mixed Use)    | 3.1 | 1 |
| 61 Retail (Spclty Shop)  | 2.8 | 4 |
| 62 Retail (Svc Retail)   | 3.4 | 1 |
| 63 Seating Area (Sports) | 0.4 | 1 |
| 64 Sorting/MailRm/PostOf | 2.1 | 1 |
| 65 Stack Area            | 1.5 | 2 |
| 66 Storage (Active-Fine) | 1.0 | 1 |
| 67 Storage(Inact/BulkAct | 0.3 | 1 |
| 68 Study Hall/Dorm       | 1.8 | 1 |
| 69 Svc Stat/Auto Repair  | 1.0 | 1 |
| 70 Tailoring             | 2.1 | 1 |
| 71 Waiting Area          | 1.2 | 2 |
| 72 Washing/Laundry       | 0.9 | 1 |
| 73 Welding Shop          | 1.2 | 1 |





Sheet1

| <---- DAYLIGHTING ----> |            |            |                | <---- PEOPLE ---->    |                        |                              |                         |                          |
|-------------------------|------------|------------|----------------|-----------------------|------------------------|------------------------------|-------------------------|--------------------------|
| %<br>heat/<br>space     | A<br>class | B<br>class | room<br>length | floor<br>- clg<br>hgt | wall<br>reflect<br>(%) | fc<br>design<br>&<br>present | sq<br>ft<br>per<br>pers | BTU/<br>person<br>(sens) |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 75                           | 100                     | 255                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 75                           | 100                     | 255                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 75                           | 100                     | 255                      |
| 100                     | 0.75       | B          | 40             | 25.00                 | 70                     | 15                           | 33                      | 315                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 50                           | 50                      | 255                      |
| 100                     | 0.75       | A          | 40             | 20.00                 | 70                     | 15                           | 7                       | 210                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 75                           | 50                      | 315                      |
| 100                     | 0.55       | A          | 40             | 14.00                 | 70                     | 50                           | 7                       | 255                      |
| 100                     | 0.75       | A          | 20             | 12.00                 | 30                     | 10                           | 7                       | 255                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 30                     | 75                           | 50                      | 315                      |
| 100                     | 0.75       | A          | 20             | 8.50                  | 70                     | 30                           | 10                      | 315                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 30                           | 50                      | 230                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 30                           | 50                      | 230                      |
| 80                      | 0.65       | B          | 20             | 10.00                 | 70                     | 75                           | 50                      | 230                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 30                     | 50                           | 100                     | 345                      |
| 100                     | 0.75       | B          | 30             | 14.00                 | 70                     | 50                           | 20                      | 255                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 50                           | 50                      | 255                      |
| 80                      | 0.65       | A          | 20             | 8.50                  | 70                     | 30                           | 14                      | 255                      |
| 100                     | 0.45       | B          | 20             | 8.50                  | 70                     | 10                           | 200                     | 345                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 30                           | 50                      | 315                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 75                           | 100                     | 255                      |
| 100                     | 0.75       | A          | 20             | 12.00                 | 70                     | 10                           | 10                      | 255                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 125                          | 50                      | 255                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 125                          | 50                      | 255                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 125                          | 50                      | 255                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 75                           | 33                      | 315                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 50                           | 200                     | 255                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 75                           | 100                     | 345                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 30                           | 200                     | 255                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 10                           | 200                     | 315                      |
| 100                     | 0.75       | A          | 40             | 20.00                 | 70                     | 15                           | 7                       | 210                      |
| 100                     | 0.75       | B          | 30             | 12.00                 | 70                     | 15                           | 35                      | 255                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 30                           | 200                     | 345                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 30                           | 200                     | 210                      |
| 100                     | 0.75       | A          | 40             | 20.00                 | 70                     | 30                           | 14                      | 635                      |
| 80                      | 0.65       | B          | 20             | 8.50                  | 70                     | 75                           | 75                      | 345                      |
| 100                     | 0.75       | B          | 20             | 8.50                  | 70                     | 50                           | 100                     | 345                      |
| 100                     | 0.75       | B          | 20             | 10.00                 | 70                     | 50                           | 50                      | 345                      |

Sheet1

|     |        |    |       |    |     |     |     |
|-----|--------|----|-------|----|-----|-----|-----|
| 80  | 0.65 A | 20 | 8.50  | 70 | 75  | 20  | 345 |
| 100 | 0.75 B | 30 | 8.50  | 70 | 15  | 33  | 315 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 15  | 50  | 315 |
| 80  | 0.65 B | 20 | 8.50  | 70 | 15  | 33  | 230 |
| 100 | 0.75 B | 20 | 14.00 | 30 | 75  | 100 | 345 |
| 100 | 0.75 B | 40 | 20.00 | 70 | 15  | 25  | 345 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 50  | 100 | 345 |
| 80  | 0.65 B | 20 | 8.50  | 70 | 75  | 200 | 345 |
| 100 | 0.75 A | 40 | 30.00 | 70 | 15  | 7   | 210 |
| 100 | 0.75 B | 20 | 12.00 | 30 | 50  | 100 | 345 |
| 100 | 0.75 A | 40 | 30.00 | 70 | 15  | 7   | 210 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 15  | 33  | 315 |
| 80  | 0.65 B | 20 | 8.50  | 70 | 50  | 100 | 255 |
| 80  | 0.65 B | 20 | 8.50  | 70 | 50  | 100 | 255 |
| 80  | 0.65 B | 20 | 8.50  | 70 | 50  | 100 | 255 |
| 80  | 0.65 B | 20 | 8.50  | 70 | 50  | 33  | 230 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 15  | 33  | 230 |
| 80  | 0.65 B | 20 | 8.50  | 70 | 50  | 100 | 255 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 20  | 14  | 255 |
| 100 | 0.75 B | 20 | 14.00 | 70 | 50  | 50  | 315 |
| 100 | 0.75 B | 40 | 14.00 | 70 | 100 | 50  | 315 |
| 100 | 0.75 B | 30 | 14.00 | 70 | 50  | 50  | 315 |
| 100 | 0.75 B | 20 | 14.00 | 70 | 50  | 50  | 315 |
| 100 | 0.75 B | 20 | 14.00 | 70 | 75  | 50  | 315 |
| 100 | 0.75 A | 20 | 8.50  | 70 | 15  | 7   | 230 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 75  | 100 | 255 |
| 80  | 0.65 B | 40 | 10.00 | 30 | 30  | 50  | 230 |
| 100 | 0.75 B | 40 | 14.00 | 30 | 30  | 200 | 345 |
| 100 | 0.75 B | 40 | 14.00 | 30 | 15  | 200 | 345 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 50  | 50  | 230 |
| 100 | 0.75 B | 20 | 14.00 | 70 | 30  | 50  | 345 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 100 | 33  | 315 |
| 80  | 0.65 B | 20 | 8.50  | 70 | 15  | 33  | 230 |
| 100 | 0.75 B | 20 | 8.50  | 70 | 30  | 100 | 345 |
| 100 | 0.75 B | 20 | 14.00 | 70 | 50  | 100 | 345 |

Sheet1

<- EQUIP -> <- INFILTRATION ->

| BTU/<br>person<br>(latent) | equip<br>(w/sf) | occ<br>(ACH) | unocc<br>(ACH) | Div<br>Factor<br>People/<br>Equip | Div<br>Factor<br>Lights |
|----------------------------|-----------------|--------------|----------------|-----------------------------------|-------------------------|
| 255                        | 0.75            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 255                        | 0.75            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 255                        | 0.75            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 325                        | 0.00            | 0.30         | 0.30           | 0.00                              | 0.00                    |
| 255                        | 1.00            | 0.50         | 0.50           | 0.50                              | 1.00                    |
| 140                        | 0.25            | 0.50         | 0.50           | 0.10                              | 1.00                    |
| 325                        | 0.25            | 0.50         | 1.00           | 0.50                              | 1.00                    |
| 255                        | 1.00            | 0.50         | 1.00           | 0.10                              | 1.00                    |
| 255                        | 0.10            | 0.50         | 1.00           | 0.10                              | 1.00                    |
| 325                        | 0.25            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 325                        | 0.00            | 0.50         | 0.50           | 0.00                              | 0.00                    |
| 190                        | 0.50            | 1.00         | 1.00           | 1.00                              | 1.00                    |
| 190                        | 0.50            | 1.00         | 1.00           | 1.00                              | 1.00                    |
| 190                        | 0.25            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 695                        | 1.00            | 1.00         | 1.00           | 0.50                              | 1.00                    |
| 255                        | 0.50            | 1.00         | 1.00           | 0.50                              | 1.00                    |
| 255                        | 1.00            | 0.50         | 0.50           | 0.50                              | 1.00                    |
| 255                        | 1.00            | 1.00         | 1.00           | 0.07                              | 1.00                    |
| 695                        | 0.00            | 0.30         | 0.30           | 0.00                              | 0.00                    |
| 325                        | 0.25            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 255                        | 1.00            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 325                        | 0.10            | 1.00         | 1.00           | 0.20                              | 1.00                    |
| 255                        | 0.75            | 0.50         | 0.50           | 0.33                              | 1.00                    |
| 255                        | 0.75            | 0.50         | 0.50           | 0.33                              | 1.00                    |
| 255                        | 0.75            | 0.30         | 0.30           | 0.33                              | 1.00                    |
| 325                        | 0.25            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 255                        | 1.00            | 0.30         | 0.30           | 0.00                              | 0.00                    |
| 695                        | 1.00            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 255                        | 1.00            | 0.30         | 0.30           | 0.00                              | 0.00                    |
| 345                        | 0.00            | 1.00         | 1.00           | 0.00                              | 0.00                    |
| 140                        | 0.25            | 1.00         | 1.00           | 0.10                              | 1.00                    |
| 325                        | 0.10            | 1.00         | 1.00           | 0.50                              | 1.00                    |
| 435                        | 0.10            | 0.50         | 0.50           | 0.50                              | 1.00                    |
| 140                        | 0.25            | 0.30         | 0.30           | 1.00                              | 1.00                    |
| 1165                       | 0.00            | 0.30         | 0.30           | 0.10                              | 1.00                    |
| 695                        | 1.00            | 0.30         | 0.30           | 0.33                              | 1.00                    |
| 695                        | 1.00            | 0.30         | 0.30           | 0.50                              | 1.00                    |
| 435                        | 2.00            | 0.30         | 0.30           | 0.50                              | 1.00                    |

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|     |      |      |      |      |      |
|-----|------|------|------|------|------|
| 435 | 1.00 | 0.30 | 0.30 | 0.10 | 1.00 |
| 325 | 0.00 | 0.30 | 0.30 | 0.17 | 1.00 |
| 325 | 0.00 | 0.30 | 0.30 | 0.50 | 1.00 |
| 190 | 0.25 | 0.30 | 0.30 | 0.17 | 1.00 |
| 695 | 1.00 | 0.30 | 0.30 | 0.50 | 1.00 |
| 695 | 0.25 | 0.30 | 0.30 | 0.25 | 1.00 |
| 695 | 0.00 | 2.00 | 2.00 | 0.25 | 1.00 |
| 435 | 0.10 | 0.50 | 0.50 | 0.50 | 1.00 |
| 140 | 0.25 | 0.30 | 0.30 | 0.10 | 1.00 |
| 695 | 1.00 | 0.30 | 0.30 | 0.33 | 1.00 |
| 140 | 0.25 | 0.30 | 0.30 | 0.10 | 1.00 |
| 325 | 0.00 | 0.30 | 0.30 | 0.17 | 1.00 |
| 255 | 0.75 | 0.30 | 0.30 | 0.50 | 1.00 |
| 255 | 0.75 | 0.30 | 0.30 | 0.50 | 1.00 |
| 255 | 0.75 | 0.30 | 0.30 | 0.50 | 1.00 |
| 190 | 0.25 | 0.13 | 0.13 | 0.17 | 1.00 |
| 190 | 0.25 | 0.30 | 0.30 | 0.17 | 1.00 |
| 255 | 0.75 | 1.00 | 1.00 | 0.50 | 1.00 |
| 255 | 0.50 | 1.00 | 1.00 | 0.07 | 1.00 |
| 325 | 0.25 | 1.00 | 1.00 | 0.50 | 1.00 |
| 325 | 0.25 | 1.00 | 1.00 | 0.50 | 1.00 |
| 325 | 0.25 | 1.00 | 1.00 | 0.50 | 1.00 |
| 325 | 0.25 | 2.00 | 2.00 | 0.50 | 1.00 |
| 325 | 0.25 | 1.00 | 1.00 | 0.50 | 1.00 |
| 190 | 0.00 | 0.50 | 0.50 | 0.10 | 1.00 |
| 255 | 0.75 | 0.50 | 0.50 | 0.50 | 1.00 |
| 190 | 0.25 | 0.50 | 0.50 | 0.25 | 1.00 |
| 435 | 0.10 | 0.50 | 0.50 | 0.50 | 1.00 |
| 435 | 0.10 | 0.50 | 0.50 | 0.25 | 1.00 |
| 190 | 0.50 | 0.50 | 0.50 | 0.25 | 1.00 |
| 695 | 1.00 | 0.50 | 0.50 | 0.25 | 1.00 |
| 325 | 0.25 | 0.50 | 0.50 | 0.17 | 1.00 |
| 190 | 0.25 | 0.50 | 0.50 | 0.17 | 1.00 |
| 695 | 1.00 | 0.50 | 0.50 | 0.50 | 1.00 |
| 695 | 1.00 | 0.50 | 0.50 | 0.50 | 1.00 |