

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: METALUX

Report Number: P894151

Luminaire Tested: 4MB-SC3-ASMF-UNV-CC93-MID-4000K

Issue Date: 11/11/2024

**Test Information**

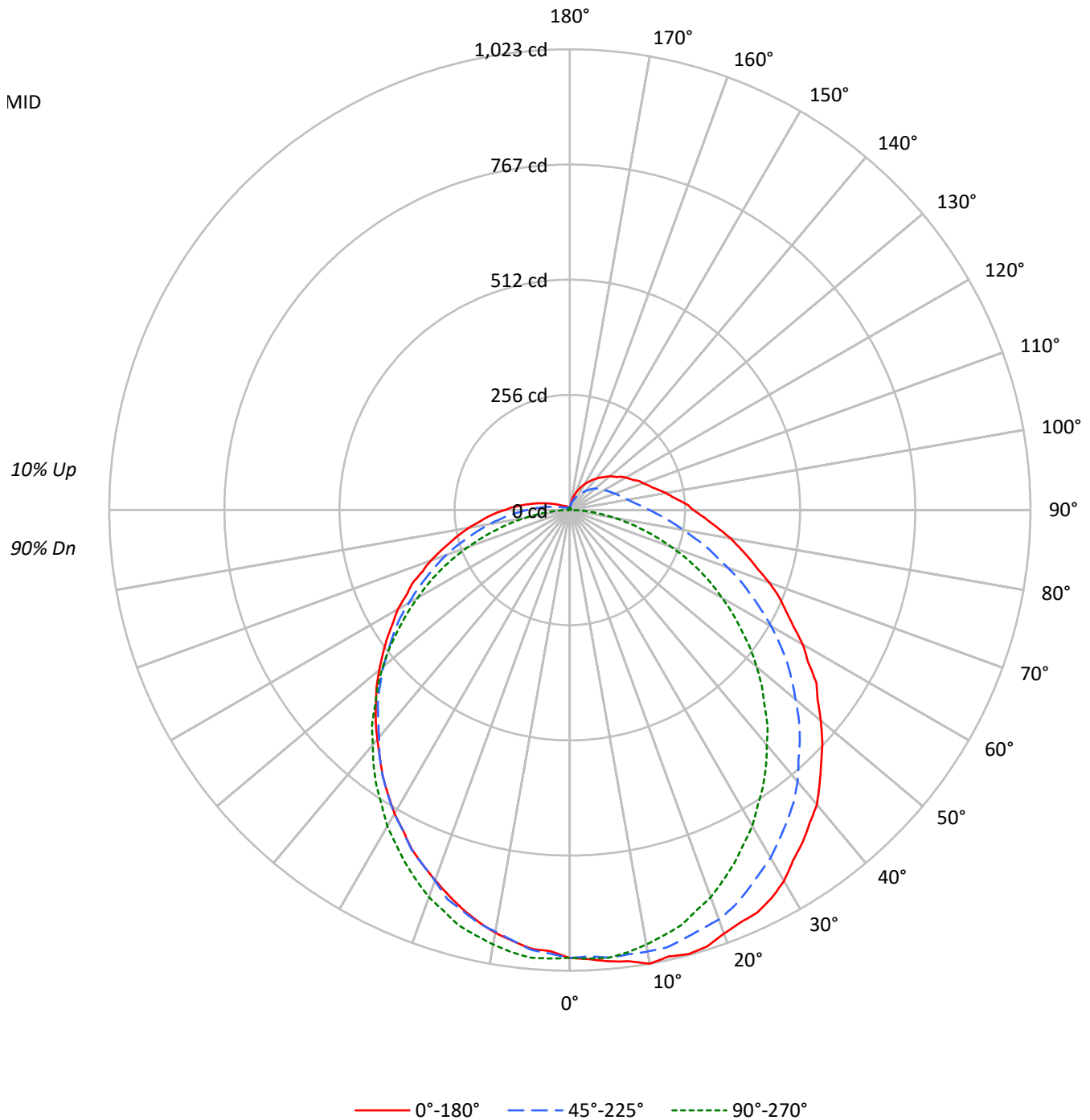
Test Method: LM-79-2019  
Report Number: P894151  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2407-185-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-SC3-ASMF-UNV-CC93-MID-4000K  
Description: Selectable 4FT MICROBAY LINEAR BAY with FROSTED ASYMMETRIC LENS, 90CRI, 4000K CCT, 1 lumen setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3419.0 lumens  
Efficiency: N/A  
Efficacy: 102.1 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.21 / 1.37  
Luminous Opening: Rectangular w/ Sides (W: 0.27' x L: 3.98' x H: 0.12')  
CIE Type: Direct  
  
Input Watts (W): 33.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.9948  
Total Harmonic Distortion (THDi): 5.65231997856897  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P894151  
CATALOG NUMBER: 4MB-SC3-ASMF-UNV-CC93-MID-4000K

### Luminous Intensity Polar Plot





TEST NUMBER: P894151  
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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |    | 20 |    |    |    | 20 |    |    |    |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |    | 30 |    |    |    | 10 |    |    | 0  |    |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 117 | 117 | 117 | 117 | 113 | 113 | 113 | 113 | 106 | 106 | 106 | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 | 93 | 90 |
| 1   | 105 | 99  | 95  | 90  | 101 | 96  | 92  | 88  | 90  | 87  | 83  | 85 | 82 | 79 | 79 | 77 | 75 | 75 | 75 | 75 | 72 |
| 2   | 95  | 86  | 79  | 72  | 91  | 83  | 76  | 71  | 78  | 72  | 68  | 73 | 69 | 65 | 69 | 65 | 62 | 62 | 62 | 62 | 59 |
| 3   | 86  | 75  | 66  | 60  | 83  | 73  | 65  | 58  | 68  | 62  | 56  | 64 | 59 | 54 | 60 | 56 | 52 | 52 | 52 | 52 | 49 |
| 4   | 79  | 66  | 57  | 50  | 76  | 64  | 56  | 49  | 61  | 53  | 48  | 57 | 51 | 46 | 54 | 49 | 44 | 44 | 44 | 44 | 42 |
| 5   | 72  | 59  | 50  | 43  | 69  | 57  | 49  | 42  | 54  | 47  | 41  | 51 | 45 | 40 | 48 | 43 | 38 | 38 | 38 | 38 | 36 |
| 6   | 67  | 53  | 44  | 37  | 64  | 52  | 43  | 37  | 49  | 41  | 36  | 46 | 40 | 35 | 44 | 38 | 34 | 34 | 34 | 34 | 31 |
| 7   | 62  | 48  | 39  | 33  | 59  | 47  | 38  | 32  | 44  | 37  | 32  | 42 | 36 | 31 | 40 | 34 | 30 | 30 | 30 | 30 | 28 |
| 8   | 57  | 44  | 35  | 29  | 55  | 43  | 35  | 29  | 41  | 33  | 28  | 39 | 32 | 27 | 37 | 31 | 27 | 27 | 27 | 27 | 25 |
| 9   | 54  | 40  | 32  | 26  | 52  | 39  | 31  | 26  | 37  | 30  | 25  | 36 | 29 | 25 | 34 | 28 | 24 | 24 | 24 | 24 | 22 |
| 10  | 50  | 37  | 29  | 24  | 49  | 36  | 29  | 23  | 34  | 28  | 23  | 33 | 27 | 22 | 31 | 26 | 22 | 22 | 22 | 22 | 20 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 45°   | 90°   | 135°  | 180°  |
|-----|-------|-------|-------|-------|-------|
| 0°  | 10127 | 10127 | 10127 | 10127 | 10127 |
| 5°  | 10255 | 9894  | 9798  | 9722  | 9971  |
| 10° | 10519 | 9687  | 9353  | 9252  | 9803  |
| 15° | 10673 | 9483  | 8939  | 8866  | 9597  |
| 20° | 10725 | 9287  | 8466  | 8404  | 9372  |
| 25° | 10920 | 8988  | 7968  | 8020  | 9202  |
| 30° | 10987 | 8701  | 7495  | 7604  | 8993  |
| 35° | 10961 | 8387  | 6998  | 7204  | 8801  |
| 40° | 11058 | 8063  | 6488  | 6754  | 8611  |
| 45° | 11026 | 7680  | 5985  | 6411  | 8505  |
| 50° | 11109 | 7285  | 5502  | 6018  | 8436  |
| 55° | 11357 | 6942  | 4947  | 5624  | 8407  |
| 60° | 11546 | 6516  | 4380  | 5206  | 8519  |
| 65° | 11943 | 6054  | 3804  | 4789  | 8710  |
| 70° | 12921 | 5614  | 3119  | 4393  | 9010  |
| 75° | 14518 | 5294  | 2386  | 3930  | 9633  |
| 80° | 18045 | 4985  | 1597  | 3523  | 11310 |
| 85° | 26971 | 4917  | 802   | 3101  | 15863 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 90°  
 Luminance: 88826 cd/sqm



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 94.4   | 2.8       |
| 10°-20°   | 270.4  | 7.9       |
| 20°-30°   | 407.8  | 11.9      |
| 30°-40°   | 489.4  | 14.3      |
| 40°-50°   | 509.6  | 14.9      |
| 50°-60°   | 472.4  | 13.8      |
| 60°-70°   | 389.1  | 11.4      |
| 70°-80°   | 280.6  | 8.2       |
| 80°-90°   | 178.2  | 5.2       |
| 90°-100°  | 109.8  | 3.2       |
| 100°-110° | 73.2   | 2.1       |
| 110°-120° | 52.2   | 1.5       |
| 120°-130° | 38.2   | 1.1       |
| 130°-140° | 26.3   | 0.8       |
| 140°-150° | 16.0   | 0.5       |
| 150°-160° | 7.9    | 0.2       |
| 160°-170° | 2.9    | 0.1       |
| 170°-180° | 0.5    | 0.0       |
| 0°-30°    | 772.6  | 22.6      |
| 0°-40°    | 1262.0 | 36.9      |
| 0°-60°    | 2244.1 | 65.6      |
| 0°-90°    | 3092.0 | 90.4      |
| 90°-120°  | 235.2  | 6.9       |
| 90°-150°  | 315.7  | 9.2       |
| 90°-180°  | 327.0  | 9.6       |
| 0°-180°   | 3419.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 45° | 90° | 135° | 180° | Flux |
|------|------|-----|-----|------|------|------|
| 0°   | 994  | 994 | 994 | 994  | 994  |      |
| 5°   | 1006 | 998 | 998 | 980  | 978  | 96   |
| 15°  | 1021 | 985 | 955 | 921  | 918  | 288  |
| 25°  | 986  | 932 | 865 | 832  | 831  | 453  |
| 35°  | 901  | 842 | 748 | 724  | 724  | 564  |
| 45°  | 790  | 722 | 611 | 603  | 609  | 611  |
| 55°  | 668  | 589 | 466 | 477  | 495  | 594  |
| 65°  | 529  | 442 | 317 | 350  | 386  | 527  |
| 75°  | 412  | 313 | 167 | 232  | 274  | 437  |
| 85°  | 314  | 213 | 44  | 134  | 184  | 266  |
| 90°  | 274  | 177 | 4   | 96   | 144  | 151  |
| 95°  | 244  | 150 | 2   | 64   | 111  | 194  |
| 105° | 191  | 117 | 2   | 26   | 58   | 204  |
| 115° | 157  | 97  | 3   | 12   | 28   | 157  |
| 125° | 128  | 81  | 4   | 10   | 16   | 116  |
| 135° | 102  | 65  | 4   | 8    | 12   | 80   |
| 145° | 79   | 46  | 4   | 6    | 8    | 50   |
| 155° | 54   | 30  | 4   | 4    | 6    | 25   |
| 165° | 31   | 17  | 4   | 2    | 3    | 9    |
| 175° | 4    | 8   | 4   | 2    | 0    | 1    |
| 180° | 3    | 3   | 3   | 3    | 3    |      |



TEST NUMBER: P894151

CATALOG NUMBER: 4MB-SC3-ASMF-UNV-CC93-MID-4000K

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 22.5°  | 45°   | 67.5°  | 90°   | 112.5° | 135°  | 157.5° | 180°  |
|--------|--------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 994.4  | 994.4  | 994.4 | 994.4  | 994.4 | 994.4  | 994.4 | 994.4  | 994.4 |
| 2.5°   | 998.4  | 1001.4 | 992.0 | 997.9  | 996.9 | 997.9  | 986.0 | 995.9  | 980.5 |
| 5°     | 1005.9 | 1007.4 | 997.9 | 1001.4 | 997.9 | 989.5  | 980.5 | 977.0  | 978.0 |
| 7.5°   | 1010.8 | 1018.8 | 995.4 | 996.4  | 990.5 | 981.5  | 964.6 | 967.6  | 965.6 |
| 10°    | 1022.8 | 1013.8 | 995.4 | 991.0  | 979.5 | 970.1  | 950.7 | 952.2  | 953.2 |
| 12.5°  | 1015.3 | 1013.3 | 994.9 | 978.5  | 967.1 | 959.1  | 939.3 | 934.3  | 936.8 |
| 15°    | 1020.8 | 1012.3 | 985.0 | 972.1  | 954.7 | 940.7  | 920.9 | 917.4  | 917.9 |
| 17.5°  | 1015.8 | 1008.9 | 975.1 | 957.2  | 932.8 | 924.3  | 905.4 | 899.5  | 896.5 |
| 20°    | 1000.9 | 997.4  | 967.6 | 936.8  | 914.9 | 898.5  | 875.6 | 872.1  | 874.6 |
| 22.5°  | 991.0  | 982.5  | 952.7 | 921.8  | 890.0 | 875.6  | 852.7 | 852.2  | 852.7 |
| 25°    | 986.0  | 975.1  | 932.3 | 900.0  | 864.7 | 851.7  | 831.9 | 824.4  | 830.9 |
| 27.5°  | 971.1  | 961.1  | 910.9 | 875.6  | 836.3 | 818.9  | 802.5 | 801.0  | 802.0 |
| 30°    | 951.2  | 931.8  | 891.5 | 848.3  | 810.5 | 792.6  | 779.1 | 769.2  | 778.6 |
| 32.5°  | 922.8  | 911.9  | 866.2 | 818.9  | 777.2 | 764.7  | 751.3 | 750.3  | 750.3 |
| 35°    | 901.0  | 893.0  | 842.3 | 793.1  | 748.3 | 731.4  | 723.5 | 720.0  | 723.5 |
| 37.5°  | 875.6  | 863.7  | 816.9 | 761.7  | 716.0 | 701.6  | 693.6 | 690.6  | 693.1 |
| 40°    | 853.7  | 831.9  | 787.1 | 729.4  | 680.7 | 667.8  | 659.3 | 662.3  | 664.8 |
| 42.5°  | 821.4  | 809.0  | 751.8 | 696.6  | 650.4 | 636.4  | 629.5 | 632.0  | 637.9 |
| 45°    | 789.6  | 778.2  | 722.5 | 662.3  | 611.1 | 603.6  | 603.1 | 601.6  | 609.1 |
| 47.5°  | 760.7  | 744.3  | 690.1 | 628.5  | 578.3 | 569.8  | 570.8 | 575.8  | 582.2 |
| 50°    | 727.4  | 708.0  | 654.3 | 592.2  | 542.0 | 536.5  | 540.5 | 544.0  | 552.4 |
| 52.5°  | 694.1  | 678.7  | 621.5 | 557.9  | 505.2 | 501.2  | 506.7 | 518.1  | 523.1 |
| 55°    | 668.3  | 640.4  | 589.2 | 517.6  | 465.9 | 466.4  | 477.3 | 483.8  | 494.7 |
| 57.5°  | 627.0  | 606.1  | 552.4 | 481.8  | 429.1 | 432.6  | 447.5 | 458.4  | 465.4 |
| 60°    | 597.7  | 571.3  | 516.6 | 443.5  | 390.3 | 395.8  | 412.7 | 429.1  | 441.0 |
| 62.5°  | 559.9  | 537.0  | 479.3 | 405.7  | 354.5 | 362.5  | 381.4 | 400.8  | 409.2 |
| 65°    | 529.0  | 503.2  | 442.5 | 367.9  | 317.2 | 326.7  | 350.0 | 371.9  | 385.8 |
| 67.5°  | 502.7  | 475.8  | 409.7 | 333.1  | 279.4 | 293.4  | 320.7 | 342.1  | 353.0 |
| 70°    | 471.4  | 440.0  | 372.4 | 294.4  | 240.2 | 256.6  | 291.4 | 316.2  | 328.7 |
| 72.5°  | 438.1  | 412.7  | 340.1 | 258.6  | 203.9 | 223.7  | 262.0 | 287.9  | 299.8 |
| 75°    | 412.2  | 383.9  | 312.8 | 222.8  | 167.1 | 190.9  | 232.2 | 261.5  | 273.5 |
| 77.5°  | 385.8  | 360.0  | 281.9 | 189.9  | 134.2 | 161.1  | 205.8 | 238.2  | 250.6 |
| 80°    | 362.5  | 332.6  | 256.1 | 163.1  | 99.9  | 131.8  | 181.0 | 212.8  | 227.2 |
| 82.5°  | 336.6  | 310.8  | 233.7 | 134.7  | 71.1  | 104.9  | 156.6 | 191.4  | 203.4 |
| 85°    | 313.7  | 286.9  | 212.8 | 112.4  | 43.8  | 81.0   | 134.2 | 170.0  | 184.5 |
| 87.5°  | 292.9  | 270.5  | 193.4 | 95.5   | 21.9  | 61.7   | 112.9 | 149.2  | 165.6 |
| 90°    | 274.0  | 248.6  | 177.0 | 80.1   | 4.0   | 44.7   | 95.5  | 131.3  | 143.7 |
| 92.5°  | 262.0  | 231.7  | 163.6 | 70.1   | 2.5   | 31.8   | 79.6  | 114.9  | 129.3 |
| 95°    | 244.1  | 217.3  | 149.7 | 62.6   | 2.5   | 21.4   | 64.1  | 98.4   | 110.9 |
| 97.5°  | 228.7  | 203.9  | 139.7 | 58.2   | 2.0   | 14.4   | 52.7  | 82.5   | 95.5  |
| 100°   | 216.8  | 193.4  | 130.8 | 54.2   | 2.5   | 10.4   | 41.8  | 70.1   | 81.5  |
| 102.5° | 203.4  | 182.0  | 123.8 | 51.7   | 2.5   | 7.5    | 32.8  | 59.2   | 69.6  |
| 105°   | 191.4  | 172.5  | 117.3 | 49.2   | 2.5   | 6.5    | 26.4  | 48.7   | 58.2  |
| 107.5° | 182.5  | 162.6  | 111.9 | 47.7   | 2.5   | 6.5    | 20.9  | 39.8   | 47.7  |
| 110°   | 173.5  | 154.6  | 106.4 | 46.2   | 2.5   | 6.0    | 16.4  | 32.8   | 39.8  |



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CATALOG NUMBER: 4MB-SC3-ASMF-UNV-CC93-MID-4000K

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 22.5° | 45°   | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|--------|-------|-------|-------|-------|-----|--------|------|--------|------|
| 112.5° | 167.6 | 147.2 | 101.4 | 44.7  | 3.0 | 6.0    | 13.4 | 27.3   | 32.8 |
| 115°   | 157.1 | 140.7 | 97.0  | 44.3  | 3.0 | 5.5    | 12.4 | 22.4   | 27.8 |
| 117.5° | 149.7 | 134.7 | 92.5  | 42.8  | 3.0 | 5.5    | 11.9 | 18.4   | 22.4 |
| 120°   | 144.2 | 127.8 | 88.5  | 41.3  | 3.0 | 5.0    | 10.9 | 16.4   | 18.9 |
| 122.5° | 137.2 | 121.3 | 85.0  | 40.3  | 3.0 | 5.0    | 10.4 | 15.4   | 16.9 |
| 125°   | 127.8 | 115.4 | 81.0  | 38.3  | 3.5 | 5.0    | 9.9  | 14.4   | 15.9 |
| 127.5° | 121.8 | 109.9 | 78.1  | 35.8  | 3.5 | 4.5    | 9.4  | 13.4   | 14.9 |
| 130°   | 116.8 | 103.9 | 74.6  | 33.3  | 3.5 | 4.5    | 8.9  | 12.4   | 13.9 |
| 132.5° | 109.4 | 98.0  | 69.6  | 31.3  | 3.5 | 4.0    | 8.0  | 11.4   | 12.9 |
| 135°   | 102.4 | 93.0  | 64.6  | 29.3  | 3.5 | 4.0    | 7.5  | 10.9   | 11.9 |
| 137.5° | 98.0  | 88.0  | 60.2  | 27.3  | 3.5 | 3.5    | 7.0  | 9.9    | 10.9 |
| 140°   | 90.5  | 82.5  | 55.2  | 25.4  | 3.5 | 3.5    | 6.5  | 9.4    | 9.9  |
| 142.5° | 85.0  | 77.1  | 50.7  | 23.4  | 3.5 | 3.5    | 6.0  | 8.5    | 9.4  |
| 145°   | 78.6  | 71.6  | 45.7  | 21.4  | 3.5 | 3.0    | 5.5  | 8.0    | 8.5  |
| 147.5° | 72.6  | 65.1  | 41.8  | 19.9  | 3.5 | 3.0    | 5.0  | 7.0    | 7.5  |
| 150°   | 66.6  | 58.7  | 37.8  | 18.4  | 3.5 | 3.0    | 4.5  | 6.0    | 7.0  |
| 152.5° | 60.2  | 50.7  | 33.8  | 16.9  | 3.5 | 3.0    | 4.0  | 5.5    | 6.0  |
| 155°   | 53.7  | 44.3  | 30.3  | 15.4  | 4.0 | 3.0    | 3.5  | 4.5    | 5.5  |
| 157.5° | 48.2  | 38.3  | 26.8  | 13.9  | 4.0 | 2.5    | 3.5  | 4.0    | 4.5  |
| 160°   | 41.8  | 32.8  | 23.9  | 12.4  | 4.0 | 2.5    | 3.0  | 3.5    | 4.0  |
| 162.5° | 36.8  | 27.3  | 20.9  | 11.4  | 4.0 | 2.5    | 3.0  | 3.0    | 3.5  |
| 165°   | 31.3  | 22.9  | 17.4  | 10.4  | 4.0 | 2.5    | 2.5  | 2.5    | 3.0  |
| 167.5° | 25.4  | 17.9  | 14.4  | 9.4   | 4.0 | 2.5    | 2.5  | 2.0    | 2.5  |
| 170°   | 18.9  | 13.4  | 11.9  | 8.5   | 4.0 | 2.5    | 2.0  | 1.5    | 2.0  |
| 172.5° | 8.5   | 10.4  | 9.4   | 7.5   | 4.5 | 2.5    | 2.0  | 1.5    | 1.0  |
| 175°   | 4.5   | 7.5   | 7.5   | 6.5   | 4.5 | 2.5    | 2.0  | 1.5    | 0.5  |
| 177.5° | 3.5   | 4.5   | 5.5   | 5.5   | 4.5 | 3.0    | 2.0  | 1.0    | 0.5  |
| 180°   | 3.0   | 3.0   | 3.0   | 3.0   | 3.0 | 3.0    | 3.0  | 3.0    | 3.0  |



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**CIE UGR TABLE:**

| Reflectances:   |      |                  |       |       |       |       |                |       |       |       |       |
|-----------------|------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling         |      | 0.7              | 0.7   | 0.5   | 0.5   | 0.3   | 0.7            | 0.7   | 0.5   | 0.5   | 0.3   |
| Wall            |      | 0.5              | 0.3   | 0.5   | 0.3   | 0.3   | 0.5            | 0.3   | 0.5   | 0.3   | 0.3   |
| Reference plane |      | 0.2              | 0.2   | 0.2   | 0.2   | 0.2   | 0.2            | 0.2   | 0.2   | 0.2   | 0.2   |
| Room dimensions |      | Viewed crosswise |       |       |       |       | Viewed endwise |       |       |       |       |
| X=2H            | Y=2H | 18.41            | 19.89 | 18.91 | 20.39 | 20.93 | 17.38          | 18.86 | 17.88 | 19.36 | 19.90 |
|                 | 3H   | 20.49            | 21.84 | 21.01 | 22.35 | 22.94 | 19.25          | 20.60 | 19.77 | 21.11 | 21.69 |
|                 | 4H   | 21.44            | 22.71 | 21.98 | 23.24 | 23.84 | 20.00          | 21.27 | 20.54 | 21.80 | 22.40 |
|                 | 6H   | 22.36            | 23.54 | 22.91 | 24.09 | 24.70 | 20.63          | 21.82 | 21.18 | 22.36 | 22.97 |
|                 | 8H   | 22.79            | 23.92 | 23.35 | 24.49 | 25.10 | 20.89          | 22.02 | 21.45 | 22.59 | 23.20 |
|                 | 12H  | 23.21            | 24.30 | 23.78 | 24.86 | 25.50 | 21.12          | 22.21 | 21.69 | 22.76 | 23.41 |
| 4H              | 2H   | 18.90            | 20.18 | 19.44 | 20.71 | 21.30 | 17.94          | 19.22 | 18.48 | 19.75 | 20.34 |
|                 | 3H   | 21.21            | 22.30 | 21.77 | 22.87 | 23.49 | 20.00          | 21.09 | 20.55 | 21.66 | 22.28 |
|                 | 4H   | 22.33            | 23.32 | 22.90 | 23.90 | 24.55 | 20.85          | 21.85 | 21.43 | 22.43 | 23.08 |
|                 | 6H   | 23.43            | 24.31 | 24.02 | 24.92 | 25.58 | 21.61          | 22.49 | 22.20 | 23.09 | 23.76 |
|                 | 8H   | 23.96            | 24.79 | 24.56 | 25.39 | 26.06 | 21.93          | 22.75 | 22.52 | 23.36 | 24.03 |
|                 | 12H  | 24.49            | 25.24 | 25.11 | 25.87 | 26.55 | 22.22          | 22.97 | 22.84 | 23.60 | 24.28 |
| 8H              | 4H   | 22.58            | 23.41 | 23.18 | 24.01 | 24.69 | 21.19          | 22.02 | 21.79 | 22.62 | 23.30 |
|                 | 6H   | 23.87            | 24.57 | 24.50 | 25.21 | 25.89 | 22.08          | 22.78 | 22.71 | 23.42 | 24.10 |
|                 | 8H   | 24.54            | 25.17 | 25.18 | 25.82 | 26.51 | 22.48          | 23.11 | 23.12 | 23.76 | 24.45 |
|                 | 12H  | 25.24            | 25.80 | 25.88 | 26.45 | 27.20 | 22.86          | 23.43 | 23.51 | 24.07 | 24.83 |
| 12H             | 4H   | 22.60            | 23.35 | 23.22 | 23.98 | 24.66 | 21.26          | 22.01 | 21.88 | 22.64 | 23.32 |
|                 | 6H   | 23.92            | 24.56 | 24.56 | 25.21 | 25.90 | 22.19          | 22.82 | 22.83 | 23.47 | 24.17 |
|                 | 8H   | 24.66            | 25.23 | 25.31 | 25.87 | 26.63 | 22.65          | 23.21 | 23.29 | 23.86 | 24.61 |