

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: P892717

Luminaire Tested: 2MB-4HL-ASMF-UNV-L830

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P892717
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: 2MB-4HL-ASMF-UNV-L830
Description: 4000 Lumen 2FT MICROBAY LINEAR BAY with FROSTED ASYMMETRIC LENS, 80CRI, 3000K CCT
Light Source: -
Ballast/Driver: -

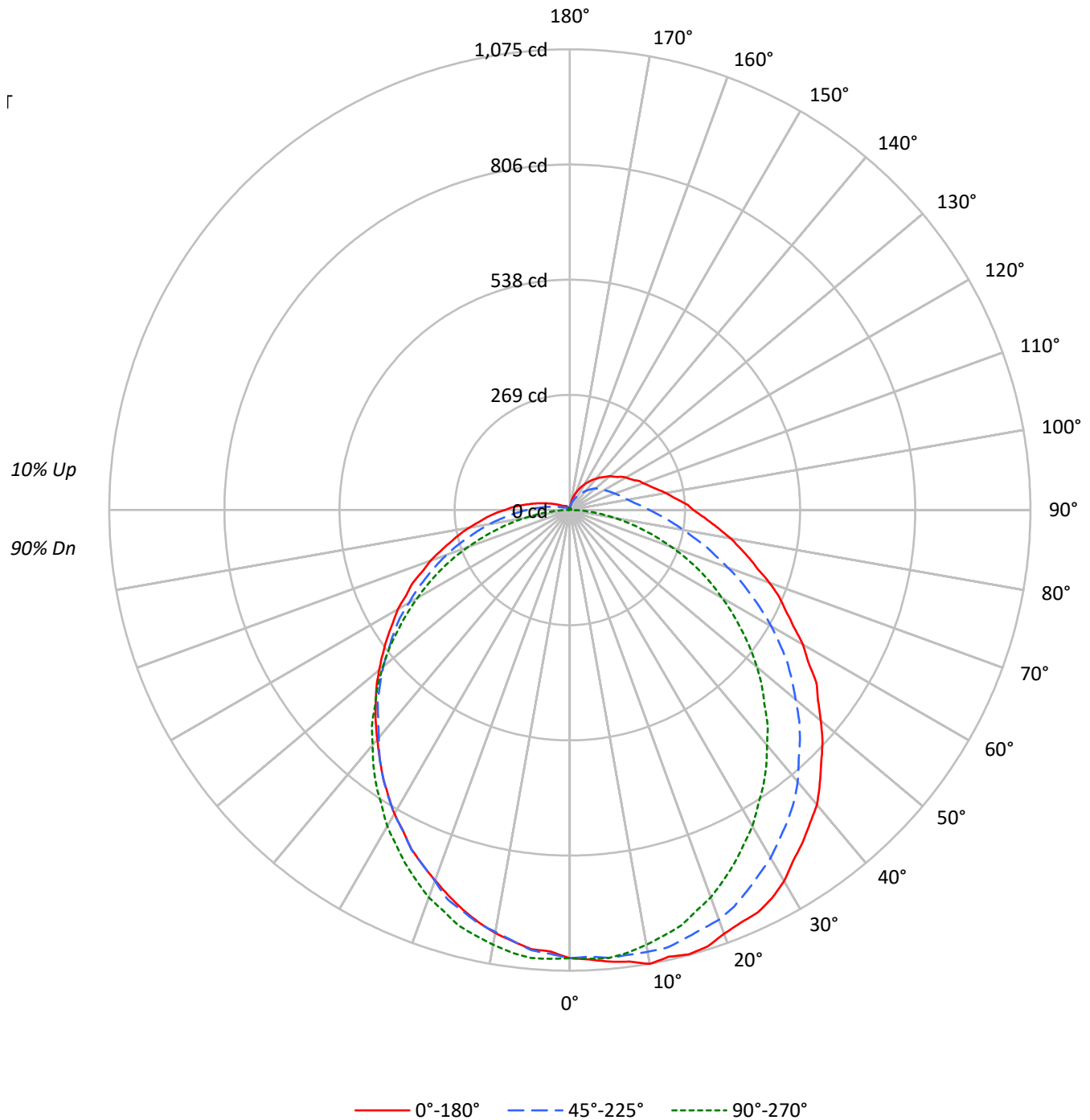
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3595.0 lumens
Efficiency: N/A
Efficacy: 130.3 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.21 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.27' x L: 1.98' x H: 0.12')
CIE Type: Direct

Input Watts (W): 27.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 6.5
Total Harmonic Distortion (THDi): 0.99
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P892717
CATALOG NUMBER: 2MB-4HL-ASMF-UNV-L830

Luminous Intensity Polar Plot





TEST NUMBER: P892717

CATALOG NUMBER: 2MB-4HL-ASMF-UNV-L830

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° | 21410 | 21410 | 21410 | 21410 | 21410 |
| 5° | 21621 | 20879 | 20715 | 20515 | 21022 |
| 10° | 22114 | 20405 | 19773 | 19487 | 20609 |
| 15° | 22374 | 19939 | 18897 | 18642 | 20118 |
| 20° | 22417 | 19492 | 17897 | 17640 | 19588 |
| 25° | 22752 | 18834 | 16845 | 16805 | 19173 |
| 30° | 22815 | 18199 | 15845 | 15906 | 18676 |
| 35° | 22677 | 17512 | 14793 | 15041 | 18210 |
| 40° | 22788 | 16801 | 13715 | 14075 | 17744 |
| 45° | 22613 | 15972 | 12652 | 13333 | 17443 |
| 50° | 22661 | 15117 | 11631 | 12487 | 17207 |
| 55° | 23010 | 14370 | 10460 | 11642 | 17034 |
| 60° | 23197 | 13452 | 9260 | 10745 | 17117 |
| 65° | 23738 | 12460 | 8045 | 9857 | 17312 |
| 70° | 25284 | 11510 | 6593 | 9006 | 17631 |
| 75° | 27748 | 10804 | 5043 | 8021 | 18407 |
| 80° | 33087 | 10112 | 3378 | 7145 | 20741 |
| 85° | 45011 | 9895 | 1694 | 6243 | 26469 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 90°
 Luminance: 93397 cd/sqm



TEST NUMBER: P892717
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 99.2 | 2.8 |
| 10°-20° | 284.3 | 7.9 |
| 20°-30° | 428.8 | 11.9 |
| 30°-40° | 514.6 | 14.3 |
| 40°-50° | 535.9 | 14.9 |
| 50°-60° | 496.8 | 13.8 |
| 60°-70° | 409.1 | 11.4 |
| 70°-80° | 295.1 | 8.2 |
| 80°-90° | 187.3 | 5.2 |
| 90°-100° | 115.5 | 3.2 |
| 100°-110° | 77.0 | 2.1 |
| 110°-120° | 54.8 | 1.5 |
| 120°-130° | 40.2 | 1.1 |
| 130°-140° | 27.6 | 0.8 |
| 140°-150° | 16.8 | 0.5 |
| 150°-160° | 8.3 | 0.2 |
| 160°-170° | 3.1 | 0.1 |
| 170°-180° | 0.5 | 0.0 |
| 0°-30° | 812.3 | 22.6 |
| 0°-40° | 1327.0 | 36.9 |
| 0°-60° | 2359.6 | 65.6 |
| 0°-90° | 3251.1 | 90.4 |
| 90°-120° | 247.4 | 6.9 |
| 90°-150° | 332.0 | 9.2 |
| 90°-180° | 344.0 | 9.6 |
| 0°-180° | 3595.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1046 | 1046 | 1046 | 1046 | 1046 | |
| 5° | 1058 | 1049 | 1049 | 1031 | 1028 | 101 |
| 15° | 1073 | 1036 | 1004 | 968 | 965 | 303 |
| 25° | 1037 | 980 | 909 | 875 | 874 | 477 |
| 35° | 947 | 886 | 787 | 761 | 761 | 594 |
| 45° | 830 | 760 | 642 | 634 | 640 | 642 |
| 55° | 703 | 620 | 490 | 502 | 520 | 624 |
| 65° | 556 | 465 | 334 | 368 | 406 | 554 |
| 75° | 433 | 329 | 176 | 244 | 288 | 459 |
| 85° | 330 | 224 | 46 | 141 | 194 | 280 |
| 90° | 288 | 186 | 4 | 100 | 151 | 159 |
| 95° | 257 | 157 | 3 | 67 | 117 | 204 |
| 105° | 201 | 123 | 3 | 28 | 61 | 215 |
| 115° | 165 | 102 | 3 | 13 | 29 | 165 |
| 125° | 134 | 85 | 4 | 10 | 17 | 122 |
| 135° | 108 | 68 | 4 | 8 | 12 | 84 |
| 145° | 83 | 48 | 4 | 6 | 9 | 52 |
| 155° | 56 | 32 | 4 | 4 | 6 | 27 |
| 165° | 33 | 18 | 4 | 3 | 3 | 10 |
| 175° | 5 | 8 | 5 | 2 | 0 | 1 |
| 180° | 3 | 3 | 3 | 3 | 3 | |



TEST NUMBER: P892717
 CATALOG NUMBER: 2MB-4HL-ASMF-UNV-L830

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1045.6 | 1045.6 | 1045.6 | 1045.6 | 1045.6 | 1045.6 | 1045.6 | 1045.6 | 1045.6 |
| 2.5° | 1049.8 | 1053.0 | 1043.0 | 1049.3 | 1048.2 | 1049.3 | 1036.7 | 1047.2 | 1031.0 |
| 5° | 1057.7 | 1059.2 | 1049.3 | 1053.0 | 1049.3 | 1040.4 | 1031.0 | 1027.3 | 1028.4 |
| 7.5° | 1062.9 | 1071.3 | 1046.7 | 1047.7 | 1041.5 | 1032.0 | 1014.3 | 1017.4 | 1015.3 |
| 10° | 1075.4 | 1066.0 | 1046.7 | 1042.0 | 1029.9 | 1020.0 | 999.6 | 1001.2 | 1002.2 |
| 12.5° | 1067.6 | 1065.5 | 1046.2 | 1028.9 | 1016.9 | 1008.5 | 987.6 | 982.4 | 985.0 |
| 15° | 1073.3 | 1064.5 | 1035.7 | 1022.1 | 1003.8 | 989.2 | 968.3 | 964.6 | 965.1 |
| 17.5° | 1068.1 | 1060.8 | 1025.2 | 1006.4 | 980.8 | 971.9 | 952.0 | 945.8 | 942.6 |
| 20° | 1052.4 | 1048.8 | 1017.4 | 985.0 | 962.0 | 944.7 | 920.7 | 917.0 | 919.6 |
| 22.5° | 1042.0 | 1033.1 | 1001.7 | 969.3 | 935.8 | 920.7 | 896.6 | 896.1 | 896.6 |
| 25° | 1036.7 | 1025.2 | 980.3 | 946.3 | 909.2 | 895.6 | 874.7 | 866.8 | 873.6 |
| 27.5° | 1021.1 | 1010.6 | 957.8 | 920.7 | 879.4 | 861.1 | 843.8 | 842.3 | 843.3 |
| 30° | 1000.1 | 979.8 | 937.4 | 891.9 | 852.2 | 833.4 | 819.3 | 808.8 | 818.7 |
| 32.5° | 970.3 | 958.8 | 910.7 | 861.1 | 817.2 | 804.1 | 790.0 | 788.9 | 788.9 |
| 35° | 947.3 | 939.0 | 885.7 | 833.9 | 786.8 | 769.1 | 760.7 | 757.0 | 760.7 |
| 37.5° | 920.7 | 908.1 | 859.0 | 801.0 | 752.9 | 737.7 | 729.3 | 726.2 | 728.8 |
| 40° | 897.7 | 874.7 | 827.6 | 767.0 | 715.7 | 702.1 | 693.3 | 696.4 | 699.0 |
| 42.5° | 863.7 | 850.6 | 790.5 | 732.5 | 683.8 | 669.2 | 661.9 | 664.5 | 670.8 |
| 45° | 830.2 | 818.2 | 759.7 | 696.4 | 642.5 | 634.7 | 634.2 | 632.6 | 640.4 |
| 47.5° | 799.9 | 782.7 | 725.7 | 660.8 | 608.0 | 599.1 | 600.2 | 605.4 | 612.2 |
| 50° | 764.9 | 744.5 | 688.0 | 622.7 | 569.9 | 564.1 | 568.3 | 572.0 | 580.8 |
| 52.5° | 729.9 | 713.6 | 653.5 | 586.6 | 531.2 | 527.0 | 532.7 | 544.8 | 550.0 |
| 55° | 702.7 | 673.4 | 619.5 | 544.3 | 489.9 | 490.4 | 501.9 | 508.7 | 520.2 |
| 57.5° | 659.3 | 637.3 | 580.8 | 506.6 | 451.2 | 454.9 | 470.5 | 482.0 | 489.4 |
| 60° | 628.4 | 600.7 | 543.2 | 466.4 | 410.4 | 416.2 | 433.9 | 451.2 | 463.7 |
| 62.5° | 588.7 | 564.6 | 504.0 | 426.6 | 372.8 | 381.1 | 401.0 | 421.4 | 430.3 |
| 65° | 556.3 | 529.1 | 465.3 | 386.9 | 333.6 | 343.5 | 368.1 | 391.1 | 405.7 |
| 67.5° | 528.6 | 500.3 | 430.8 | 350.3 | 293.8 | 308.5 | 337.2 | 359.7 | 371.2 |
| 70° | 495.6 | 462.7 | 391.6 | 309.5 | 252.5 | 269.8 | 306.4 | 332.5 | 345.6 |
| 72.5° | 460.6 | 433.9 | 357.6 | 271.9 | 214.4 | 235.3 | 275.5 | 302.7 | 315.3 |
| 75° | 433.4 | 403.6 | 328.9 | 234.2 | 175.7 | 200.8 | 244.2 | 275.0 | 287.5 |
| 77.5° | 405.7 | 378.5 | 296.4 | 199.7 | 141.2 | 169.4 | 216.4 | 250.4 | 263.5 |
| 80° | 381.1 | 349.8 | 269.3 | 171.5 | 105.1 | 138.5 | 190.3 | 223.8 | 238.9 |
| 82.5° | 353.9 | 326.8 | 245.7 | 141.7 | 74.8 | 110.3 | 164.7 | 201.3 | 213.8 |
| 85° | 329.9 | 301.7 | 223.8 | 118.2 | 46.0 | 85.2 | 141.2 | 178.8 | 194.0 |
| 87.5° | 307.9 | 284.4 | 203.4 | 100.4 | 23.0 | 64.8 | 118.7 | 156.8 | 174.1 |
| 90° | 288.1 | 261.4 | 186.1 | 84.2 | 4.2 | 47.1 | 100.4 | 138.0 | 151.1 |
| 92.5° | 275.5 | 243.6 | 172.0 | 73.7 | 2.6 | 33.5 | 83.7 | 120.8 | 135.9 |
| 95° | 256.7 | 228.5 | 157.4 | 65.9 | 2.6 | 22.5 | 67.4 | 103.5 | 116.6 |
| 97.5° | 240.5 | 214.4 | 146.9 | 61.2 | 2.1 | 15.2 | 55.4 | 86.8 | 100.4 |
| 100° | 227.9 | 203.4 | 137.5 | 57.0 | 2.6 | 11.0 | 43.9 | 73.7 | 85.7 |
| 102.5° | 213.8 | 191.4 | 130.2 | 54.4 | 2.6 | 7.8 | 34.5 | 62.2 | 73.2 |
| 105° | 201.3 | 181.4 | 123.4 | 51.8 | 2.6 | 6.8 | 27.7 | 51.2 | 61.2 |
| 107.5° | 191.9 | 171.0 | 117.6 | 50.2 | 2.6 | 6.8 | 22.0 | 41.8 | 50.2 |
| 110° | 182.5 | 162.6 | 111.9 | 48.6 | 2.6 | 6.3 | 17.3 | 34.5 | 41.8 |



TEST NUMBER: P892717

CATALOG NUMBER: 2MB-4HL-ASMF-UNV-L830

CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|--------|-------|-------|-------|-------|-----|--------|------|--------|------|
| 112.5° | 176.2 | 154.8 | 106.7 | 47.1 | 3.1 | 6.3 | 14.1 | 28.8 | 34.5 |
| 115° | 165.2 | 148.0 | 101.9 | 46.5 | 3.1 | 5.8 | 13.1 | 23.5 | 29.3 |
| 117.5° | 157.4 | 141.7 | 97.2 | 45.0 | 3.1 | 5.8 | 12.5 | 19.3 | 23.5 |
| 120° | 151.6 | 134.4 | 93.1 | 43.4 | 3.1 | 5.2 | 11.5 | 17.3 | 19.9 |
| 122.5° | 144.3 | 127.6 | 89.4 | 42.3 | 3.1 | 5.2 | 11.0 | 16.2 | 17.8 |
| 125° | 134.4 | 121.3 | 85.2 | 40.3 | 3.7 | 5.2 | 10.5 | 15.2 | 16.7 |
| 127.5° | 128.1 | 115.5 | 82.1 | 37.6 | 3.7 | 4.7 | 9.9 | 14.1 | 15.7 |
| 130° | 122.9 | 109.3 | 78.4 | 35.0 | 3.7 | 4.7 | 9.4 | 13.1 | 14.6 |
| 132.5° | 115.0 | 103.0 | 73.2 | 32.9 | 3.7 | 4.2 | 8.4 | 12.0 | 13.6 |
| 135° | 107.7 | 97.8 | 68.0 | 30.8 | 3.7 | 4.2 | 7.8 | 11.5 | 12.5 |
| 137.5° | 103.0 | 92.5 | 63.3 | 28.8 | 3.7 | 3.7 | 7.3 | 10.5 | 11.5 |
| 140° | 95.2 | 86.8 | 58.0 | 26.7 | 3.7 | 3.7 | 6.8 | 9.9 | 10.5 |
| 142.5° | 89.4 | 81.0 | 53.3 | 24.6 | 3.7 | 3.7 | 6.3 | 8.9 | 9.9 |
| 145° | 82.6 | 75.3 | 48.1 | 22.5 | 3.7 | 3.1 | 5.8 | 8.4 | 8.9 |
| 147.5° | 76.3 | 68.5 | 43.9 | 20.9 | 3.7 | 3.1 | 5.2 | 7.3 | 7.8 |
| 150° | 70.1 | 61.7 | 39.7 | 19.3 | 3.7 | 3.1 | 4.7 | 6.3 | 7.3 |
| 152.5° | 63.3 | 53.3 | 35.6 | 17.8 | 3.7 | 3.1 | 4.2 | 5.8 | 6.3 |
| 155° | 56.5 | 46.5 | 31.9 | 16.2 | 4.2 | 3.1 | 3.7 | 4.7 | 5.8 |
| 157.5° | 50.7 | 40.3 | 28.2 | 14.6 | 4.2 | 2.6 | 3.7 | 4.2 | 4.7 |
| 160° | 43.9 | 34.5 | 25.1 | 13.1 | 4.2 | 2.6 | 3.1 | 3.7 | 4.2 |
| 162.5° | 38.7 | 28.8 | 22.0 | 12.0 | 4.2 | 2.6 | 3.1 | 3.1 | 3.7 |
| 165° | 32.9 | 24.0 | 18.3 | 11.0 | 4.2 | 2.6 | 2.6 | 2.6 | 3.1 |
| 167.5° | 26.7 | 18.8 | 15.2 | 9.9 | 4.2 | 2.6 | 2.6 | 2.1 | 2.6 |
| 170° | 19.9 | 14.1 | 12.5 | 8.9 | 4.2 | 2.6 | 2.1 | 1.6 | 2.1 |
| 172.5° | 8.9 | 11.0 | 9.9 | 7.8 | 4.7 | 2.6 | 2.1 | 1.6 | 1.0 |
| 175° | 4.7 | 7.8 | 7.8 | 6.8 | 4.7 | 2.6 | 2.1 | 1.6 | 0.5 |
| 177.5° | 3.7 | 4.7 | 5.8 | 5.8 | 4.7 | 3.1 | 2.1 | 1.0 | 0.5 |
| 180° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |



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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 | 20.98 | 22.45 | 21.48 | 22.96 | 23.50 | 19.85 | 21.33 | 20.36 | 21.83 | 22.38 |
| | 3H | 23.07 | 24.41 | 23.59 | 24.93 | 25.51 | 21.69 | 23.04 | 22.21 | 23.55 | 24.13 |
| | 4H | 24.01 | 25.29 | 24.55 | 25.82 | 26.41 | 22.41 | 23.69 | 22.95 | 24.22 | 24.81 |
| | 6H | 24.93 | 26.12 | 25.49 | 26.66 | 27.27 | 23.01 | 24.20 | 23.57 | 24.74 | 25.35 |
| | 8H | 25.36 | 26.50 | 25.93 | 27.07 | 27.68 | 23.25 | 24.39 | 23.81 | 24.95 | 25.57 |
| | 12H | 25.79 | 26.88 | 26.36 | 27.44 | 28.08 | 23.45 | 24.54 | 24.02 | 25.10 | 25.75 |
| 4H | 2H | 21.46 | 22.74 | 22.00 | 23.26 | 23.86 | 20.42 | 21.70 | 20.96 | 22.23 | 22.82 |
| | 3H | 23.77 | 24.86 | 24.33 | 25.43 | 26.05 | 22.45 | 23.54 | 23.00 | 24.11 | 24.73 |
| | 4H | 24.89 | 25.89 | 25.46 | 26.46 | 27.11 | 23.28 | 24.28 | 23.85 | 24.85 | 25.50 |
| | 6H | 26.00 | 26.88 | 26.59 | 27.48 | 28.14 | 24.00 | 24.88 | 24.60 | 25.49 | 26.15 |
| | 8H | 26.53 | 27.35 | 27.12 | 27.96 | 28.63 | 24.30 | 25.12 | 24.89 | 25.73 | 26.40 |
| | 12H | 27.06 | 27.81 | 27.68 | 28.44 | 29.12 | 24.56 | 25.31 | 25.18 | 25.94 | 26.62 |
| 8H | 4H | 25.14 | 25.96 | 25.73 | 26.57 | 27.24 | 23.63 | 24.45 | 24.22 | 25.06 | 25.73 |
| | 6H | 26.42 | 27.12 | 27.05 | 27.77 | 28.45 | 24.48 | 25.18 | 25.11 | 25.82 | 26.50 |
| | 8H | 27.09 | 27.72 | 27.73 | 28.38 | 29.07 | 24.86 | 25.49 | 25.50 | 26.14 | 26.83 |
| | 12H | 27.80 | 28.36 | 28.44 | 29.00 | 29.76 | 25.21 | 25.78 | 25.86 | 26.42 | 27.18 |
| 12H | 4H | 25.15 | 25.90 | 25.77 | 26.53 | 27.21 | 23.69 | 24.44 | 24.31 | 25.07 | 25.75 |
| | 6H | 26.47 | 27.11 | 27.11 | 27.76 | 28.45 | 24.59 | 25.22 | 25.23 | 25.88 | 26.57 |
| | 8H | 27.22 | 27.78 | 27.86 | 28.42 | 29.18 | 25.03 | 25.60 | 25.68 | 26.24 | 27.00 |