

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: P893593

Luminaire Tested: 4MB-5SL-ASMF-UNV-L830

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893593
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-5SL-ASMF-UNV-L830
Description: 5000 Lumen 4FT MICROBAY LINEAR BAY with FROSTED ASYMMETRIC LENS, 80CRI, 3000K CCT
Light Source: -
Ballast/Driver: -

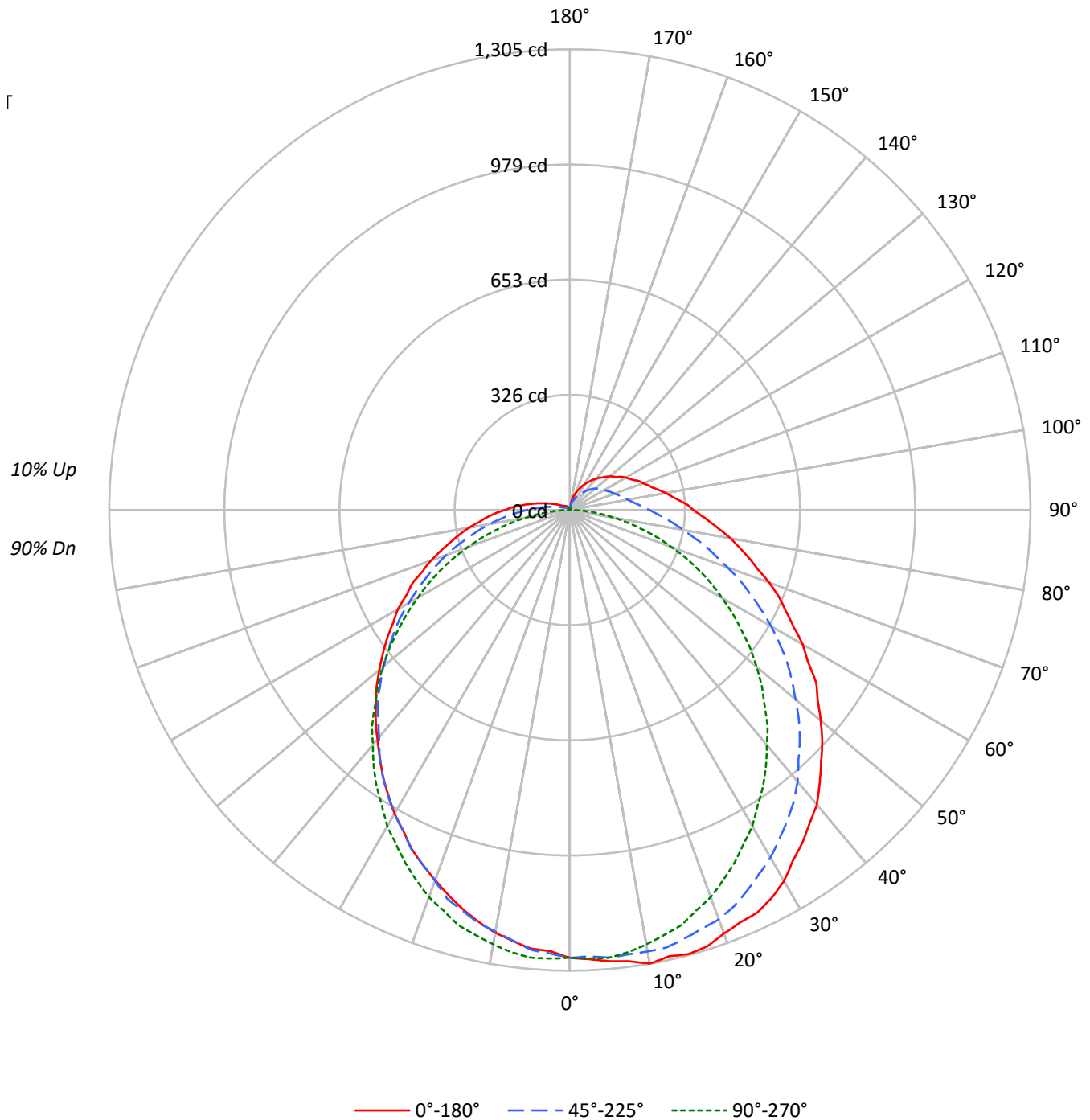
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4361.0 lumens
Efficiency: N/A
Efficacy: 124.6 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): 35
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.995
Total Harmonic Distortion (THDi): 9.55
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P893593
CATALOG NUMBER: 4MB-5SL-ASMF-UNV-L830

Luminous Intensity Polar Plot





TEST NUMBER: P893593

CATALOG NUMBER: 4MB-5SL-ASMF-UNV-L830

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 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° | 12918 | 12918 | 12918 | 12918 | 12918 |
| 5° | 13080 | 12621 | 12498 | 12401 | 12718 |
| 10° | 13417 | 12357 | 11930 | 11801 | 12504 |
| 15° | 13613 | 12096 | 11401 | 11309 | 12241 |
| 20° | 13680 | 11846 | 10798 | 10720 | 11954 |
| 25° | 13928 | 11465 | 10163 | 10229 | 11737 |
| 30° | 14014 | 11098 | 9560 | 9699 | 11472 |
| 35° | 13980 | 10698 | 8926 | 9189 | 11226 |
| 40° | 14105 | 10284 | 8275 | 8615 | 10983 |
| 45° | 14063 | 9795 | 7633 | 8177 | 10849 |
| 50° | 14171 | 9292 | 7017 | 7676 | 10761 |
| 55° | 14485 | 8855 | 6311 | 7173 | 10723 |
| 60° | 14726 | 8311 | 5587 | 6640 | 10866 |
| 65° | 15235 | 7724 | 4853 | 6109 | 11112 |
| 70° | 16479 | 7160 | 3978 | 5602 | 11491 |
| 75° | 18518 | 6752 | 3042 | 5013 | 12285 |
| 80° | 23013 | 6357 | 2038 | 4494 | 14426 |
| 85° | 34408 | 6271 | 1022 | 3956 | 20231 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 90°
 Luminance: 113302 cd/sqm



TEST NUMBER: P893593
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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 120.4 | 2.8 |
| 10°-20° | 344.9 | 7.9 |
| 20°-30° | 520.1 | 11.9 |
| 30°-40° | 624.3 | 14.3 |
| 40°-50° | 650.0 | 14.9 |
| 50°-60° | 602.6 | 13.8 |
| 60°-70° | 496.3 | 11.4 |
| 70°-80° | 358.0 | 8.2 |
| 80°-90° | 227.3 | 5.2 |
| 90°-100° | 140.1 | 3.2 |
| 100°-110° | 93.4 | 2.1 |
| 110°-120° | 66.5 | 1.5 |
| 120°-130° | 48.7 | 1.1 |
| 130°-140° | 33.5 | 0.8 |
| 140°-150° | 20.4 | 0.5 |
| 150°-160° | 10.1 | 0.2 |
| 160°-170° | 3.7 | 0.1 |
| 170°-180° | 0.6 | 0.0 |
| 0°-30° | 985.4 | 22.6 |
| 0°-40° | 1609.7 | 36.9 |
| 0°-60° | 2862.4 | 65.6 |
| 0°-90° | 3943.8 | 90.4 |
| 90°-120° | 300.0 | 6.9 |
| 90°-150° | 402.7 | 9.2 |
| 90°-180° | 417.0 | 9.6 |
| 0°-180° | 4361.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1268 | 1268 | 1268 | 1268 | 1268 | |
| 5° | 1283 | 1273 | 1273 | 1251 | 1248 | 123 |
| 15° | 1302 | 1256 | 1218 | 1175 | 1171 | 367 |
| 25° | 1258 | 1189 | 1103 | 1061 | 1060 | 578 |
| 35° | 1149 | 1074 | 954 | 923 | 923 | 720 |
| 45° | 1007 | 922 | 779 | 769 | 777 | 779 |
| 55° | 852 | 752 | 594 | 609 | 631 | 757 |
| 65° | 675 | 564 | 405 | 446 | 492 | 672 |
| 75° | 526 | 399 | 213 | 296 | 349 | 557 |
| 85° | 400 | 271 | 56 | 171 | 235 | 340 |
| 90° | 350 | 226 | 5 | 122 | 183 | 193 |
| 95° | 311 | 191 | 3 | 82 | 141 | 247 |
| 105° | 244 | 150 | 3 | 34 | 74 | 261 |
| 115° | 200 | 124 | 4 | 16 | 36 | 201 |
| 125° | 163 | 103 | 4 | 13 | 20 | 148 |
| 135° | 131 | 82 | 4 | 10 | 15 | 102 |
| 145° | 100 | 58 | 4 | 7 | 11 | 63 |
| 155° | 68 | 39 | 5 | 4 | 7 | 32 |
| 165° | 40 | 22 | 5 | 3 | 4 | 12 |
| 175° | 6 | 10 | 6 | 2 | 1 | 1 |
| 180° | 4 | 4 | 4 | 4 | 4 | |



TEST NUMBER: P893593

CATALOG NUMBER: 4MB-5SL-ASMF-UNV-L830

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1268.4 | 1268.4 | 1268.4 | 1268.4 | 1268.4 | 1268.4 | 1268.4 | 1268.4 | 1268.4 |
| 2.5° | 1273.5 | 1277.3 | 1265.3 | 1272.9 | 1271.6 | 1272.9 | 1257.6 | 1270.3 | 1250.7 |
| 5° | 1283.0 | 1284.9 | 1272.9 | 1277.3 | 1272.9 | 1262.1 | 1250.7 | 1246.2 | 1247.5 |
| 7.5° | 1289.4 | 1299.5 | 1269.7 | 1271.0 | 1263.4 | 1251.9 | 1230.4 | 1234.2 | 1231.6 |
| 10° | 1304.6 | 1293.2 | 1269.7 | 1264.0 | 1249.4 | 1237.4 | 1212.6 | 1214.5 | 1215.8 |
| 12.5° | 1295.1 | 1292.5 | 1269.1 | 1248.1 | 1233.5 | 1223.4 | 1198.0 | 1191.7 | 1194.9 |
| 15° | 1302.0 | 1291.3 | 1256.4 | 1239.9 | 1217.7 | 1199.9 | 1174.6 | 1170.1 | 1170.8 |
| 17.5° | 1295.7 | 1286.8 | 1243.7 | 1220.9 | 1189.8 | 1179.0 | 1154.9 | 1147.3 | 1143.5 |
| 20° | 1276.7 | 1272.2 | 1234.2 | 1194.9 | 1167.0 | 1146.0 | 1116.9 | 1112.4 | 1115.6 |
| 22.5° | 1264.0 | 1253.2 | 1215.2 | 1175.8 | 1135.2 | 1116.9 | 1087.7 | 1087.0 | 1087.7 |
| 25° | 1257.6 | 1243.7 | 1189.2 | 1147.9 | 1102.9 | 1086.4 | 1061.0 | 1051.5 | 1059.8 |
| 27.5° | 1238.6 | 1225.9 | 1161.9 | 1116.9 | 1066.7 | 1044.6 | 1023.6 | 1021.7 | 1023.0 |
| 30° | 1213.3 | 1188.5 | 1137.1 | 1082.0 | 1033.8 | 1010.9 | 993.8 | 981.1 | 993.2 |
| 32.5° | 1177.1 | 1163.1 | 1104.8 | 1044.6 | 991.3 | 975.4 | 958.3 | 957.0 | 957.0 |
| 35° | 1149.2 | 1139.0 | 1074.4 | 1011.6 | 954.5 | 932.9 | 922.8 | 918.3 | 922.8 |
| 37.5° | 1116.9 | 1101.6 | 1042.0 | 971.6 | 913.3 | 894.9 | 884.7 | 880.9 | 884.1 |
| 40° | 1088.9 | 1061.0 | 1004.0 | 930.4 | 868.2 | 851.8 | 841.0 | 844.8 | 847.9 |
| 42.5° | 1047.7 | 1031.9 | 958.9 | 888.5 | 829.6 | 811.8 | 802.9 | 806.1 | 813.7 |
| 45° | 1007.1 | 992.5 | 921.5 | 844.8 | 779.4 | 769.9 | 769.3 | 767.4 | 776.9 |
| 47.5° | 970.3 | 949.4 | 880.3 | 801.6 | 737.6 | 726.8 | 728.1 | 734.4 | 742.7 |
| 50° | 927.9 | 903.1 | 834.6 | 755.3 | 691.3 | 684.3 | 689.4 | 693.8 | 704.6 |
| 52.5° | 885.4 | 865.7 | 792.8 | 711.6 | 644.4 | 639.3 | 646.3 | 660.9 | 667.2 |
| 55° | 852.4 | 816.9 | 751.5 | 660.2 | 594.3 | 594.9 | 608.8 | 617.1 | 631.0 |
| 57.5° | 799.7 | 773.1 | 704.6 | 614.6 | 547.3 | 551.8 | 570.8 | 584.7 | 593.6 |
| 60° | 762.3 | 728.7 | 658.9 | 565.7 | 497.9 | 504.8 | 526.4 | 547.3 | 562.5 |
| 62.5° | 714.1 | 685.0 | 611.4 | 517.5 | 452.2 | 462.3 | 486.4 | 511.2 | 522.0 |
| 65° | 674.8 | 641.8 | 564.5 | 469.3 | 404.6 | 416.7 | 446.5 | 474.4 | 492.2 |
| 67.5° | 641.2 | 606.9 | 522.6 | 424.9 | 356.4 | 374.2 | 409.1 | 436.3 | 450.3 |
| 70° | 601.2 | 561.3 | 475.0 | 375.5 | 306.3 | 327.3 | 371.6 | 403.4 | 419.2 |
| 72.5° | 558.7 | 526.4 | 433.8 | 329.8 | 260.0 | 285.4 | 334.2 | 367.2 | 382.4 |
| 75° | 525.8 | 489.6 | 398.9 | 284.1 | 213.1 | 243.5 | 296.2 | 333.6 | 348.8 |
| 77.5° | 492.2 | 459.2 | 359.6 | 242.3 | 171.2 | 205.5 | 262.6 | 303.8 | 319.6 |
| 80° | 462.3 | 424.3 | 326.6 | 208.0 | 127.5 | 168.1 | 230.9 | 271.4 | 289.8 |
| 82.5° | 429.4 | 396.4 | 298.1 | 171.9 | 90.7 | 133.8 | 199.8 | 244.2 | 259.4 |
| 85° | 400.2 | 365.9 | 271.4 | 143.3 | 55.8 | 103.4 | 171.2 | 216.9 | 235.3 |
| 87.5° | 373.6 | 345.0 | 246.7 | 121.8 | 27.9 | 78.6 | 144.0 | 190.3 | 211.2 |
| 90° | 349.5 | 317.1 | 225.8 | 102.1 | 5.1 | 57.1 | 121.8 | 167.4 | 183.3 |
| 92.5° | 334.2 | 295.5 | 208.7 | 89.4 | 3.2 | 40.6 | 101.5 | 146.5 | 164.9 |
| 95° | 311.4 | 277.2 | 190.9 | 79.9 | 3.2 | 27.3 | 81.8 | 125.6 | 141.4 |
| 97.5° | 291.7 | 260.0 | 178.2 | 74.2 | 2.5 | 18.4 | 67.2 | 105.3 | 121.8 |
| 100° | 276.5 | 246.7 | 166.8 | 69.1 | 3.2 | 13.3 | 53.3 | 89.4 | 104.0 |
| 102.5° | 259.4 | 232.1 | 157.9 | 66.0 | 3.2 | 9.5 | 41.9 | 75.5 | 88.8 |
| 105° | 244.2 | 220.1 | 149.7 | 62.8 | 3.2 | 8.2 | 33.6 | 62.2 | 74.2 |
| 107.5° | 232.8 | 207.4 | 142.7 | 60.9 | 3.2 | 8.2 | 26.6 | 50.7 | 60.9 |
| 110° | 221.3 | 197.2 | 135.7 | 59.0 | 3.2 | 7.6 | 20.9 | 41.9 | 50.7 |



TEST NUMBER: P893593
 CATALOG NUMBER: 4MB-5SL-ASMF-UNV-L830

CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|--------|-------|-------|-------|-------|-----|--------|------|--------|------|
| 112.5° | 213.7 | 187.7 | 129.4 | 57.1 | 3.8 | 7.6 | 17.1 | 34.9 | 41.9 |
| 115° | 200.4 | 179.5 | 123.7 | 56.4 | 3.8 | 7.0 | 15.9 | 28.5 | 35.5 |
| 117.5° | 190.9 | 171.9 | 118.0 | 54.5 | 3.8 | 7.0 | 15.2 | 23.5 | 28.5 |
| 120° | 183.9 | 163.0 | 112.9 | 52.6 | 3.8 | 6.3 | 14.0 | 20.9 | 24.1 |
| 122.5° | 175.0 | 154.7 | 108.5 | 51.4 | 3.8 | 6.3 | 13.3 | 19.7 | 21.6 |
| 125° | 163.0 | 147.1 | 103.4 | 48.8 | 4.4 | 6.3 | 12.7 | 18.4 | 20.3 |
| 127.5° | 155.4 | 140.2 | 99.6 | 45.7 | 4.4 | 5.7 | 12.1 | 17.1 | 19.0 |
| 130° | 149.0 | 132.6 | 95.1 | 42.5 | 4.4 | 5.7 | 11.4 | 15.9 | 17.8 |
| 132.5° | 139.5 | 124.9 | 88.8 | 40.0 | 4.4 | 5.1 | 10.1 | 14.6 | 16.5 |
| 135° | 130.6 | 118.6 | 82.4 | 37.4 | 4.4 | 5.1 | 9.5 | 14.0 | 15.2 |
| 137.5° | 124.9 | 112.3 | 76.7 | 34.9 | 4.4 | 4.4 | 8.9 | 12.7 | 14.0 |
| 140° | 115.4 | 105.3 | 70.4 | 32.3 | 4.4 | 4.4 | 8.2 | 12.1 | 12.7 |
| 142.5° | 108.5 | 98.3 | 64.7 | 29.8 | 4.4 | 4.4 | 7.6 | 10.8 | 12.1 |
| 145° | 100.2 | 91.3 | 58.3 | 27.3 | 4.4 | 3.8 | 7.0 | 10.1 | 10.8 |
| 147.5° | 92.6 | 83.1 | 53.3 | 25.4 | 4.4 | 3.8 | 6.3 | 8.9 | 9.5 |
| 150° | 85.0 | 74.8 | 48.2 | 23.5 | 4.4 | 3.8 | 5.7 | 7.6 | 8.9 |
| 152.5° | 76.7 | 64.7 | 43.1 | 21.6 | 4.4 | 3.8 | 5.1 | 7.0 | 7.6 |
| 155° | 68.5 | 56.4 | 38.7 | 19.7 | 5.1 | 3.8 | 4.4 | 5.7 | 7.0 |
| 157.5° | 61.5 | 48.8 | 34.2 | 17.8 | 5.1 | 3.2 | 4.4 | 5.1 | 5.7 |
| 160° | 53.3 | 41.9 | 30.4 | 15.9 | 5.1 | 3.2 | 3.8 | 4.4 | 5.1 |
| 162.5° | 46.9 | 34.9 | 26.6 | 14.6 | 5.1 | 3.2 | 3.8 | 3.8 | 4.4 |
| 165° | 40.0 | 29.2 | 22.2 | 13.3 | 5.1 | 3.2 | 3.2 | 3.2 | 3.8 |
| 167.5° | 32.3 | 22.8 | 18.4 | 12.1 | 5.1 | 3.2 | 3.2 | 2.5 | 3.2 |
| 170° | 24.1 | 17.1 | 15.2 | 10.8 | 5.1 | 3.2 | 2.5 | 1.9 | 2.5 |
| 172.5° | 10.8 | 13.3 | 12.1 | 9.5 | 5.7 | 3.2 | 2.5 | 1.9 | 1.3 |
| 175° | 5.7 | 9.5 | 9.5 | 8.2 | 5.7 | 3.2 | 2.5 | 1.9 | 0.6 |
| 177.5° | 4.4 | 5.7 | 7.0 | 7.0 | 5.7 | 3.8 | 2.5 | 1.3 | 0.6 |
| 180° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |



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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 | 19.25 | 20.73 | 19.76 | 21.23 | 21.78 | 18.22 | 19.70 | 18.73 | 20.20 | 20.75 |
| | 3H | 21.34 | 22.69 | 21.86 | 23.20 | 23.78 | 20.10 | 21.44 | 20.61 | 21.95 | 22.54 |
| | 4H | 22.28 | 23.56 | 22.82 | 24.09 | 24.68 | 20.84 | 22.12 | 21.38 | 22.65 | 23.24 |
| | 6H | 23.20 | 24.39 | 23.75 | 24.93 | 25.54 | 21.48 | 22.66 | 22.03 | 23.20 | 23.82 |
| | 8H | 23.63 | 24.77 | 24.20 | 25.33 | 25.95 | 21.73 | 22.87 | 22.30 | 23.43 | 24.05 |
| | 12H | 24.05 | 25.14 | 24.62 | 25.70 | 26.35 | 21.96 | 23.05 | 22.53 | 23.61 | 24.26 |
| 4H | 2H | 19.75 | 21.02 | 20.29 | 21.55 | 22.15 | 18.79 | 20.06 | 19.33 | 20.59 | 21.19 |
| | 3H | 22.06 | 23.15 | 22.61 | 23.72 | 24.34 | 20.85 | 21.93 | 21.40 | 22.50 | 23.12 |
| | 4H | 23.17 | 24.17 | 23.75 | 24.75 | 25.40 | 21.70 | 22.70 | 22.27 | 23.27 | 23.92 |
| | 6H | 24.28 | 25.16 | 24.87 | 25.76 | 26.42 | 22.46 | 23.33 | 23.05 | 23.94 | 24.60 |
| | 8H | 24.81 | 25.63 | 25.40 | 26.24 | 26.91 | 22.77 | 23.60 | 23.37 | 24.20 | 24.88 |
| | 12H | 25.33 | 26.08 | 25.95 | 26.71 | 27.40 | 23.06 | 23.81 | 23.68 | 24.45 | 25.13 |
| 8H | 4H | 23.43 | 24.26 | 24.03 | 24.86 | 25.53 | 22.04 | 22.86 | 22.64 | 23.47 | 24.14 |
| | 6H | 24.71 | 25.41 | 25.34 | 26.06 | 26.74 | 22.92 | 23.62 | 23.55 | 24.27 | 24.95 |
| | 8H | 25.38 | 26.01 | 26.02 | 26.67 | 27.36 | 23.32 | 23.95 | 23.96 | 24.61 | 25.30 |
| | 12H | 26.08 | 26.65 | 26.73 | 27.29 | 28.05 | 23.71 | 24.27 | 24.35 | 24.92 | 25.67 |
| 12H | 4H | 23.45 | 24.20 | 24.07 | 24.83 | 25.51 | 22.10 | 22.85 | 22.72 | 23.48 | 24.16 |
| | 6H | 24.77 | 25.40 | 25.41 | 26.05 | 26.75 | 23.03 | 23.66 | 23.67 | 24.32 | 25.01 |
| | 8H | 25.51 | 26.07 | 26.15 | 26.72 | 27.47 | 23.50 | 24.06 | 24.14 | 24.70 | 25.46 |