

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: P894013

Luminaire Tested: 4MB-9HL-ASMF-UNV-L930

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894013
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-9HL-ASMF-UNV-L930
Description: 9000 Lumen 4FT MICROBAY LINEAR BAY with FROSTED ASYMMETRIC LENS, 90CRI, 3000K CCT
Light Source: -
Ballast/Driver: -

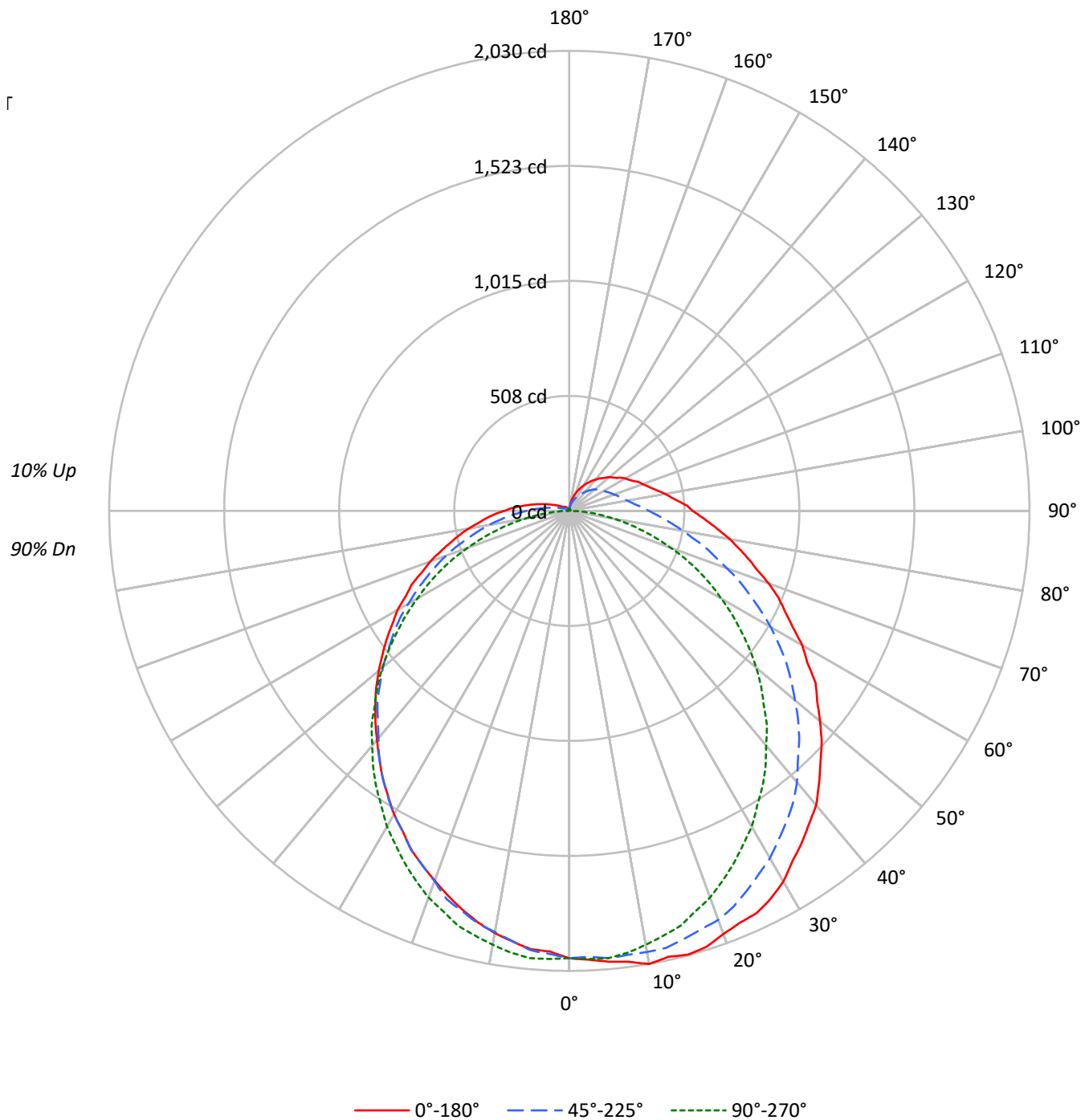
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6787.0 lumens
Efficiency: N/A
Efficacy: 105.4 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): 64.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 8.94
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P894013
CATALOG NUMBER: 4MB-9HL-ASMF-UNV-L930

Luminous Intensity Polar Plot





TEST NUMBER: P894013
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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° | 20104 | 20104 | 20104 | 20104 | 20104 |
| 5° | 20358 | 19642 | 19451 | 19299 | 19794 |
| 10° | 20880 | 19231 | 18567 | 18367 | 19459 |
| 15° | 21187 | 18825 | 17744 | 17600 | 19050 |
| 20° | 21290 | 18435 | 16804 | 16683 | 18604 |
| 25° | 21677 | 17843 | 15816 | 15920 | 18266 |
| 30° | 21809 | 17272 | 14878 | 15095 | 17853 |
| 35° | 21757 | 16649 | 13891 | 14300 | 17470 |
| 40° | 21952 | 16005 | 12878 | 13407 | 17094 |
| 45° | 21887 | 15244 | 11881 | 12727 | 16884 |
| 50° | 22053 | 14462 | 10921 | 11945 | 16747 |
| 55° | 22543 | 13781 | 9820 | 11164 | 16689 |
| 60° | 22918 | 12935 | 8695 | 10333 | 16912 |
| 65° | 23710 | 12020 | 7553 | 9508 | 17292 |
| 70° | 25648 | 11145 | 6191 | 8719 | 17883 |
| 75° | 28817 | 10508 | 4734 | 7801 | 19121 |
| 80° | 35816 | 9894 | 3172 | 6994 | 22456 |
| 85° | 53547 | 9760 | 1592 | 6158 | 31485 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 90°
 Luminance: 176324 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 187.3 | 2.8 |
| 10°-20° | 536.8 | 7.9 |
| 20°-30° | 809.5 | 11.9 |
| 30°-40° | 971.6 | 14.3 |
| 40°-50° | 1011.7 | 14.9 |
| 50°-60° | 937.8 | 13.8 |
| 60°-70° | 772.3 | 11.4 |
| 70°-80° | 557.1 | 8.2 |
| 80°-90° | 353.7 | 5.2 |
| 90°-100° | 218.0 | 3.2 |
| 100°-110° | 145.4 | 2.1 |
| 110°-120° | 103.5 | 1.5 |
| 120°-130° | 75.9 | 1.1 |
| 130°-140° | 52.2 | 0.8 |
| 140°-150° | 31.7 | 0.5 |
| 150°-160° | 15.7 | 0.2 |
| 160°-170° | 5.8 | 0.1 |
| 170°-180° | 1.0 | 0.0 |
| 0°-30° | 1533.6 | 22.6 |
| 0°-40° | 2505.2 | 36.9 |
| 0°-60° | 4454.7 | 65.6 |
| 0°-90° | 6137.8 | 90.4 |
| 90°-120° | 467.0 | 6.9 |
| 90°-150° | 626.7 | 9.2 |
| 90°-180° | 649.0 | 9.6 |
| 0°-180° | 6787.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1974 | 1974 | 1974 | 1974 | 1974 | |
| 5° | 1997 | 1981 | 1981 | 1946 | 1942 | 191 |
| 15° | 2026 | 1955 | 1895 | 1828 | 1822 | 571 |
| 25° | 1957 | 1851 | 1716 | 1651 | 1649 | 900 |
| 35° | 1788 | 1672 | 1486 | 1436 | 1436 | 1121 |
| 45° | 1567 | 1434 | 1213 | 1197 | 1209 | 1213 |
| 55° | 1327 | 1170 | 925 | 948 | 982 | 1178 |
| 65° | 1050 | 878 | 630 | 695 | 766 | 1046 |
| 75° | 818 | 621 | 332 | 461 | 543 | 867 |
| 85° | 623 | 422 | 87 | 266 | 366 | 529 |
| 90° | 544 | 351 | 8 | 190 | 285 | 300 |
| 95° | 485 | 297 | 5 | 127 | 220 | 385 |
| 105° | 380 | 233 | 5 | 52 | 116 | 406 |
| 115° | 312 | 192 | 6 | 25 | 55 | 312 |
| 125° | 254 | 161 | 7 | 20 | 32 | 231 |
| 135° | 203 | 128 | 7 | 15 | 24 | 159 |
| 145° | 156 | 91 | 7 | 11 | 17 | 99 |
| 155° | 107 | 60 | 8 | 7 | 11 | 50 |
| 165° | 62 | 34 | 8 | 5 | 6 | 18 |
| 175° | 9 | 15 | 9 | 4 | 1 | 2 |
| 180° | 6 | 6 | 6 | 6 | 6 | |



TEST NUMBER: P894013
 CATALOG NUMBER: 4MB-9HL-ASMF-UNV-L930

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1974.0 | 1974.0 | 1974.0 | 1974.0 | 1974.0 | 1974.0 | 1974.0 | 1974.0 | 1974.0 |
| 2.5° | 1981.9 | 1987.9 | 1969.1 | 1981.0 | 1979.0 | 1981.0 | 1957.3 | 1977.0 | 1946.4 |
| 5° | 1996.8 | 1999.7 | 1981.0 | 1987.9 | 1981.0 | 1964.2 | 1946.4 | 1939.5 | 1941.5 |
| 7.5° | 2006.6 | 2022.4 | 1976.0 | 1978.0 | 1966.2 | 1948.4 | 1914.8 | 1920.8 | 1916.8 |
| 10° | 2030.3 | 2012.5 | 1976.0 | 1967.1 | 1944.4 | 1925.7 | 1887.2 | 1890.2 | 1892.1 |
| 12.5° | 2015.5 | 2011.6 | 1975.0 | 1942.5 | 1919.8 | 1904.0 | 1864.5 | 1854.6 | 1859.6 |
| 15° | 2026.4 | 2009.6 | 1955.3 | 1929.6 | 1895.1 | 1867.5 | 1828.0 | 1821.1 | 1822.0 |
| 17.5° | 2016.5 | 2002.7 | 1935.6 | 1900.0 | 1851.7 | 1834.9 | 1797.4 | 1785.5 | 1779.6 |
| 20° | 1986.9 | 1980.0 | 1920.8 | 1859.6 | 1816.1 | 1783.6 | 1738.2 | 1731.2 | 1736.2 |
| 22.5° | 1967.1 | 1950.4 | 1891.1 | 1829.9 | 1766.8 | 1738.2 | 1692.7 | 1691.8 | 1692.7 |
| 25° | 1957.3 | 1935.6 | 1850.7 | 1786.5 | 1716.4 | 1690.8 | 1651.3 | 1636.5 | 1649.3 |
| 27.5° | 1927.7 | 1907.9 | 1808.2 | 1738.2 | 1660.2 | 1625.6 | 1593.1 | 1590.1 | 1592.1 |
| 30° | 1888.2 | 1849.7 | 1769.7 | 1683.9 | 1608.9 | 1573.3 | 1546.7 | 1526.9 | 1545.7 |
| 32.5° | 1831.9 | 1810.2 | 1719.4 | 1625.6 | 1542.7 | 1518.0 | 1491.4 | 1489.4 | 1489.4 |
| 35° | 1788.5 | 1772.7 | 1672.0 | 1574.3 | 1485.5 | 1451.9 | 1436.1 | 1429.2 | 1436.1 |
| 37.5° | 1738.2 | 1714.5 | 1621.7 | 1512.1 | 1421.3 | 1392.7 | 1376.9 | 1371.0 | 1375.9 |
| 40° | 1694.7 | 1651.3 | 1562.5 | 1448.0 | 1351.2 | 1325.6 | 1308.8 | 1314.7 | 1319.7 |
| 42.5° | 1630.6 | 1605.9 | 1492.4 | 1382.8 | 1291.0 | 1263.4 | 1249.6 | 1254.5 | 1266.4 |
| 45° | 1567.4 | 1544.7 | 1434.1 | 1314.7 | 1213.1 | 1198.2 | 1197.3 | 1194.3 | 1209.1 |
| 47.5° | 1510.1 | 1477.6 | 1370.0 | 1247.6 | 1147.9 | 1131.1 | 1133.1 | 1143.0 | 1155.8 |
| 50° | 1444.0 | 1405.5 | 1298.9 | 1175.5 | 1075.9 | 1065.0 | 1072.9 | 1079.8 | 1096.6 |
| 52.5° | 1377.9 | 1347.3 | 1233.8 | 1107.4 | 1002.8 | 994.9 | 1005.8 | 1028.5 | 1038.4 |
| 55° | 1326.6 | 1271.3 | 1169.6 | 1027.5 | 924.8 | 925.8 | 947.5 | 960.4 | 982.1 |
| 57.5° | 1244.6 | 1203.2 | 1096.6 | 956.4 | 851.8 | 858.7 | 888.3 | 910.0 | 923.9 |
| 60° | 1186.4 | 1134.1 | 1025.5 | 880.4 | 774.8 | 785.7 | 819.2 | 851.8 | 875.5 |
| 62.5° | 1111.4 | 1066.0 | 951.5 | 805.4 | 703.7 | 719.5 | 757.0 | 795.5 | 812.3 |
| 65° | 1050.2 | 998.9 | 878.5 | 730.4 | 629.7 | 648.5 | 694.9 | 738.3 | 765.9 |
| 67.5° | 997.9 | 944.6 | 813.3 | 661.3 | 554.7 | 582.3 | 636.6 | 679.1 | 700.8 |
| 70° | 935.7 | 873.5 | 739.3 | 584.3 | 476.7 | 509.3 | 578.4 | 627.7 | 652.4 |
| 72.5° | 869.6 | 819.2 | 675.1 | 513.3 | 404.7 | 444.2 | 520.2 | 571.5 | 595.2 |
| 75° | 818.2 | 762.0 | 620.8 | 442.2 | 331.6 | 379.0 | 460.9 | 519.2 | 542.9 |
| 77.5° | 765.9 | 714.6 | 559.6 | 377.0 | 266.5 | 319.8 | 408.6 | 472.8 | 497.5 |
| 80° | 719.5 | 660.3 | 508.3 | 323.7 | 198.4 | 261.6 | 359.3 | 422.4 | 451.1 |
| 82.5° | 668.2 | 616.9 | 463.9 | 267.5 | 141.1 | 208.3 | 310.9 | 380.0 | 403.7 |
| 85° | 622.8 | 569.5 | 422.4 | 223.1 | 86.9 | 160.9 | 266.5 | 337.6 | 366.2 |
| 87.5° | 581.4 | 536.9 | 384.0 | 189.5 | 43.4 | 122.4 | 224.1 | 296.1 | 328.7 |
| 90° | 543.9 | 493.5 | 351.4 | 158.9 | 7.9 | 88.8 | 189.5 | 260.6 | 285.3 |
| 92.5° | 520.2 | 460.0 | 324.7 | 139.2 | 4.9 | 63.2 | 157.9 | 228.0 | 256.6 |
| 95° | 484.6 | 431.3 | 297.1 | 124.4 | 4.9 | 42.4 | 127.3 | 195.4 | 220.1 |
| 97.5° | 454.0 | 404.7 | 277.4 | 115.5 | 3.9 | 28.6 | 104.6 | 163.8 | 189.5 |
| 100° | 430.3 | 384.0 | 259.6 | 107.6 | 4.9 | 20.7 | 82.9 | 139.2 | 161.9 |
| 102.5° | 403.7 | 361.3 | 245.8 | 102.7 | 4.9 | 14.8 | 65.1 | 117.5 | 138.2 |
| 105° | 380.0 | 342.5 | 232.9 | 97.7 | 4.9 | 12.8 | 52.3 | 96.7 | 115.5 |
| 107.5° | 362.2 | 322.8 | 222.1 | 94.8 | 4.9 | 12.8 | 41.5 | 79.0 | 94.8 |
| 110° | 344.5 | 307.0 | 211.2 | 91.8 | 4.9 | 11.8 | 32.6 | 65.1 | 79.0 |



TEST NUMBER: P894013
 CATALOG NUMBER: 4MB-9HL-ASMF-UNV-L930

CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° |
|--------|-------|-------|-------|-------|-----|--------|------|--------|------|
| 112.5° | 332.6 | 292.2 | 201.4 | 88.8 | 5.9 | 11.8 | 26.6 | 54.3 | 65.1 |
| 115° | 311.9 | 279.3 | 192.5 | 87.8 | 5.9 | 10.9 | 24.7 | 44.4 | 55.3 |
| 117.5° | 297.1 | 267.5 | 183.6 | 84.9 | 5.9 | 10.9 | 23.7 | 36.5 | 44.4 |
| 120° | 286.2 | 253.7 | 175.7 | 81.9 | 5.9 | 9.9 | 21.7 | 32.6 | 37.5 |
| 122.5° | 272.4 | 240.8 | 168.8 | 79.9 | 5.9 | 9.9 | 20.7 | 30.6 | 33.6 |
| 125° | 253.7 | 229.0 | 160.9 | 76.0 | 6.9 | 9.9 | 19.7 | 28.6 | 31.6 |
| 127.5° | 241.8 | 218.1 | 155.0 | 71.1 | 6.9 | 8.9 | 18.8 | 26.6 | 29.6 |
| 130° | 232.0 | 206.3 | 148.1 | 66.1 | 6.9 | 8.9 | 17.8 | 24.7 | 27.6 |
| 132.5° | 217.1 | 194.4 | 138.2 | 62.2 | 6.9 | 7.9 | 15.8 | 22.7 | 25.7 |
| 135° | 203.3 | 184.6 | 128.3 | 58.2 | 6.9 | 7.9 | 14.8 | 21.7 | 23.7 |
| 137.5° | 194.4 | 174.7 | 119.4 | 54.3 | 6.9 | 6.9 | 13.8 | 19.7 | 21.7 |
| 140° | 179.6 | 163.8 | 109.6 | 50.3 | 6.9 | 6.9 | 12.8 | 18.8 | 19.7 |
| 142.5° | 168.8 | 153.0 | 100.7 | 46.4 | 6.9 | 6.9 | 11.8 | 16.8 | 18.8 |
| 145° | 155.9 | 142.1 | 90.8 | 42.4 | 6.9 | 5.9 | 10.9 | 15.8 | 16.8 |
| 147.5° | 144.1 | 129.3 | 82.9 | 39.5 | 6.9 | 5.9 | 9.9 | 13.8 | 14.8 |
| 150° | 132.3 | 116.5 | 75.0 | 36.5 | 6.9 | 5.9 | 8.9 | 11.8 | 13.8 |
| 152.5° | 119.4 | 100.7 | 67.1 | 33.6 | 6.9 | 5.9 | 7.9 | 10.9 | 11.8 |
| 155° | 106.6 | 87.8 | 60.2 | 30.6 | 7.9 | 5.9 | 6.9 | 8.9 | 10.9 |
| 157.5° | 95.7 | 76.0 | 53.3 | 27.6 | 7.9 | 4.9 | 6.9 | 7.9 | 8.9 |
| 160° | 82.9 | 65.1 | 47.4 | 24.7 | 7.9 | 4.9 | 5.9 | 6.9 | 7.9 |
| 162.5° | 73.0 | 54.3 | 41.5 | 22.7 | 7.9 | 4.9 | 5.9 | 5.9 | 6.9 |
| 165° | 62.2 | 45.4 | 34.5 | 20.7 | 7.9 | 4.9 | 4.9 | 4.9 | 5.9 |
| 167.5° | 50.3 | 35.5 | 28.6 | 18.8 | 7.9 | 4.9 | 4.9 | 3.9 | 4.9 |
| 170° | 37.5 | 26.6 | 23.7 | 16.8 | 7.9 | 4.9 | 3.9 | 3.0 | 3.9 |
| 172.5° | 16.8 | 20.7 | 18.8 | 14.8 | 8.9 | 4.9 | 3.9 | 3.0 | 2.0 |
| 175° | 8.9 | 14.8 | 14.8 | 12.8 | 8.9 | 4.9 | 3.9 | 3.0 | 1.0 |
| 177.5° | 6.9 | 8.9 | 10.9 | 10.9 | 8.9 | 5.9 | 3.9 | 2.0 | 1.0 |
| 180° | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |



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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 | 20.79 | 22.27 | 21.30 | 22.77 | 23.31 | 19.76 | 21.24 | 20.27 | 21.74 | 22.28 |
| | 3H | 22.88 | 24.22 | 23.40 | 24.74 | 25.32 | 21.63 | 22.98 | 22.15 | 23.49 | 24.07 |
| | 4H | 23.82 | 25.10 | 24.36 | 25.62 | 26.22 | 22.38 | 23.66 | 22.92 | 24.18 | 24.78 |
| | 6H | 24.74 | 25.93 | 25.29 | 26.47 | 27.08 | 23.01 | 24.20 | 23.56 | 24.74 | 25.35 |
| | 8H | 25.17 | 26.31 | 25.73 | 26.87 | 27.49 | 23.27 | 24.41 | 23.83 | 24.97 | 25.59 |
| | 12H | 25.59 | 26.68 | 26.16 | 27.24 | 27.89 | 23.50 | 24.59 | 24.07 | 25.15 | 25.79 |
| 4H | 2H | 21.28 | 22.56 | 21.82 | 23.09 | 23.68 | 20.32 | 21.60 | 20.87 | 22.13 | 22.73 |
| | 3H | 23.60 | 24.68 | 24.15 | 25.25 | 25.87 | 22.38 | 23.47 | 22.94 | 24.04 | 24.66 |
| | 4H | 24.71 | 25.71 | 25.28 | 26.28 | 26.93 | 23.24 | 24.23 | 23.81 | 24.81 | 25.46 |
| | 6H | 25.82 | 26.69 | 26.41 | 27.30 | 27.96 | 23.99 | 24.87 | 24.58 | 25.48 | 26.14 |
| | 8H | 26.34 | 27.17 | 26.94 | 27.77 | 28.45 | 24.31 | 25.13 | 24.90 | 25.74 | 26.41 |
| | 12H | 26.87 | 27.62 | 27.49 | 28.25 | 28.93 | 24.60 | 25.35 | 25.22 | 25.98 | 26.66 |
| 8H | 4H | 24.97 | 25.79 | 25.56 | 26.40 | 27.07 | 23.58 | 24.40 | 24.17 | 25.00 | 25.68 |
| | 6H | 26.25 | 26.95 | 26.88 | 27.59 | 28.27 | 24.46 | 25.16 | 25.09 | 25.81 | 26.49 |
| | 8H | 26.92 | 27.55 | 27.56 | 28.20 | 28.90 | 24.86 | 25.49 | 25.50 | 26.14 | 26.84 |
| | 12H | 27.62 | 28.19 | 28.26 | 28.83 | 29.59 | 25.25 | 25.81 | 25.89 | 26.45 | 27.21 |
| 12H | 4H | 24.98 | 25.74 | 25.60 | 26.37 | 27.05 | 23.64 | 24.39 | 24.26 | 25.02 | 25.70 |
| | 6H | 26.30 | 26.94 | 26.95 | 27.59 | 28.28 | 24.57 | 25.20 | 25.21 | 25.85 | 26.55 |
| | 8H | 27.05 | 27.61 | 27.69 | 28.25 | 29.01 | 25.03 | 25.60 | 25.67 | 26.24 | 27.00 |