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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1201892

Luminaire Tested: GWC-SB1C-735-U-T4W-HSS

Issue Date: 10/30/2025

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Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-2024 |
| Report Number: | P1201892 |
| | TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2) |
| Test Lab: | INNOVATION CENTER |
| Issue Date: | 3/16/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GWC-SB1C-735-U-T4W-HSS |
| Description: | GALLEON WALL LUMINAIRE |
| | (1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD |
| Light Source: | - |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 5800 lumens |
| Efficiency: | N/A |
| Efficacy: | 106.6 lumens/watt |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') |
| IES Classification: | Type IV - Short |
| BUG Rating: | B1 - U0 - G2 |

| | |
|---|---|
| Input Watts (W): | 54.4 |
| Input Voltage (V): | 120.0 |
| Input Current (Ain): | 0.437 |
| Voltage Rise (V): | NR |
| Power Factor: | 0.993 |
| Total Harmonic Distortion (THDi): | 9.314 |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

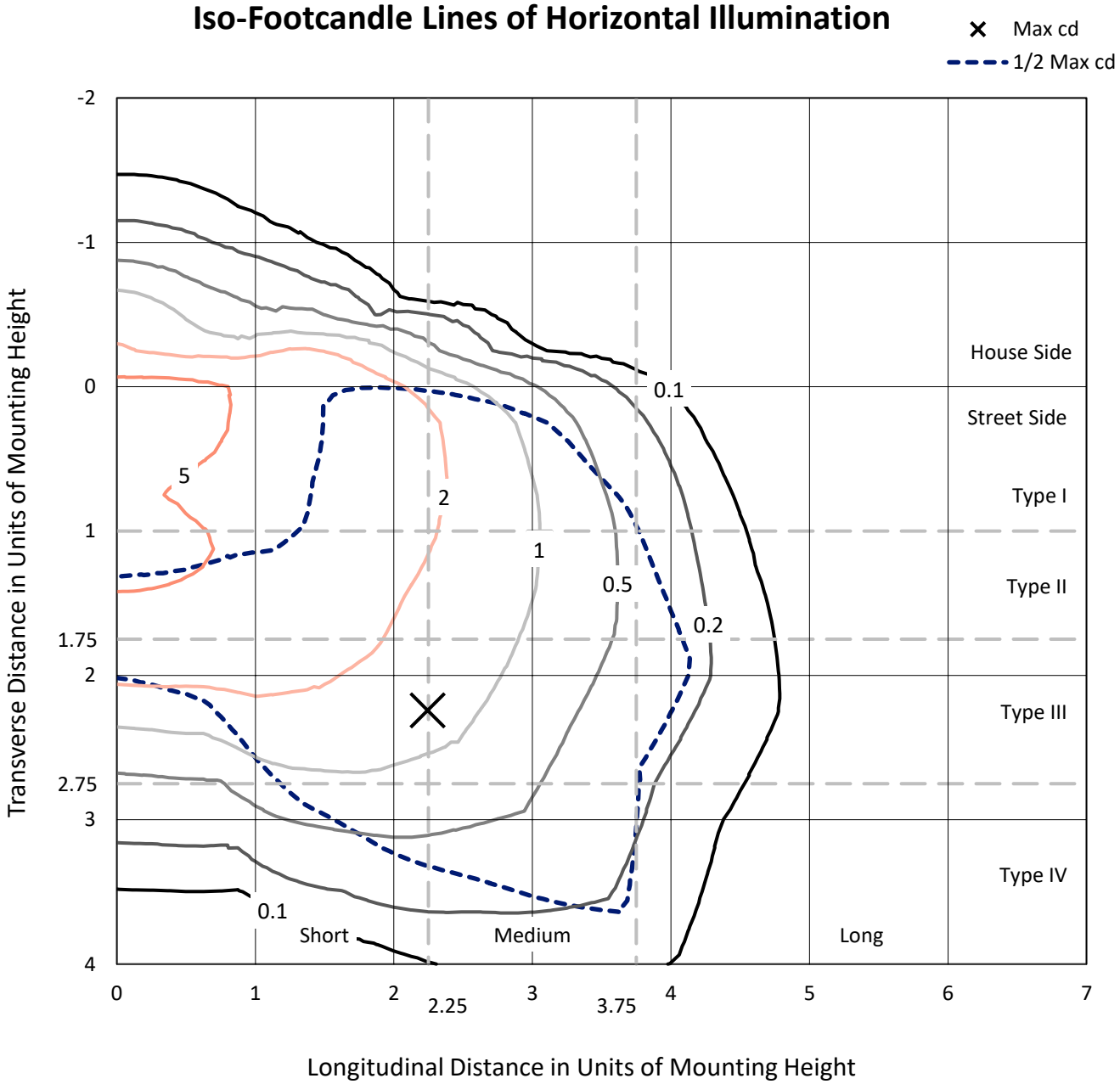


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## Iso-Footcandle Lines of Horizontal Illumination



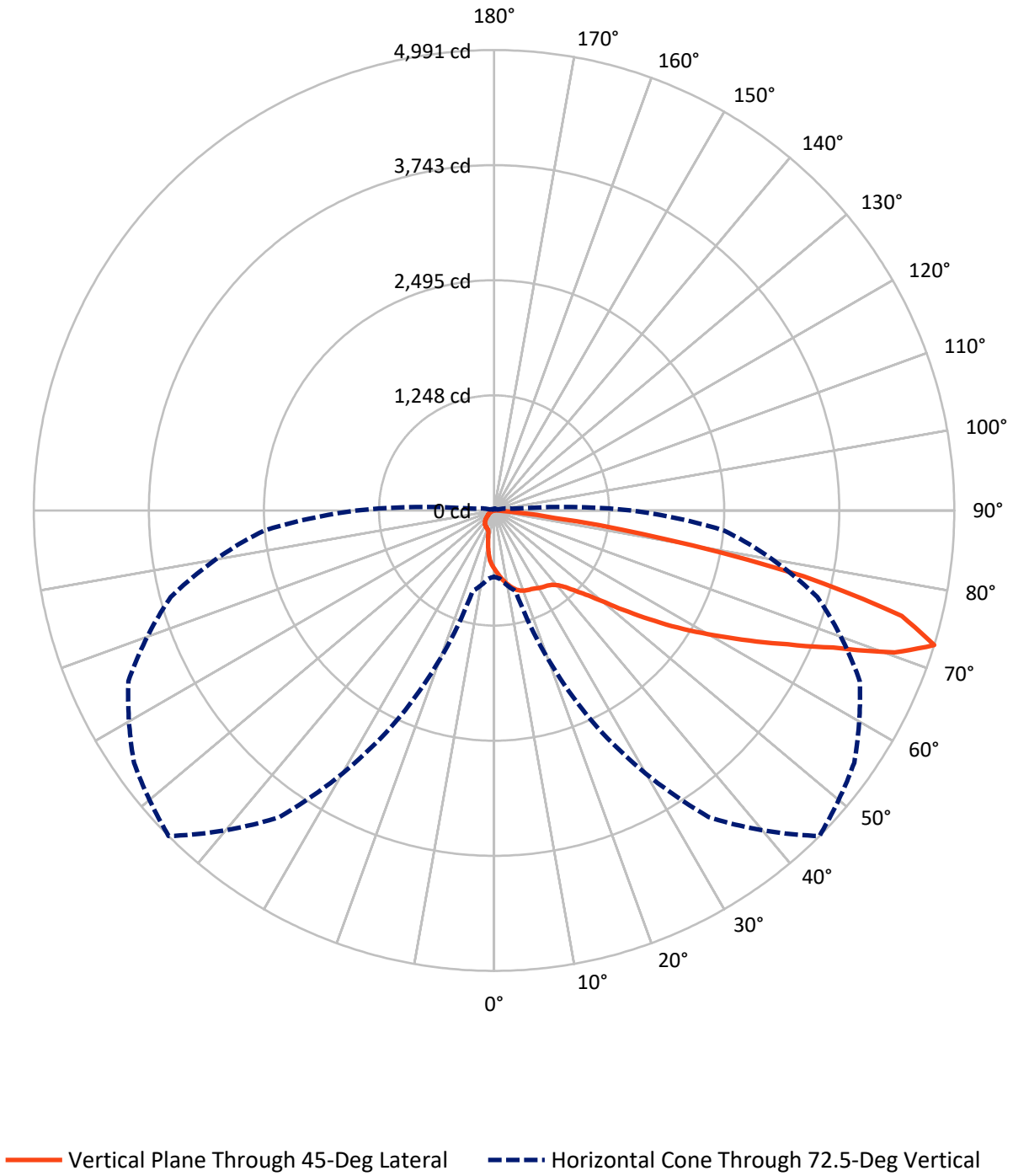

Based on 10 foot mounting height. Maximum calculated value = 8.7 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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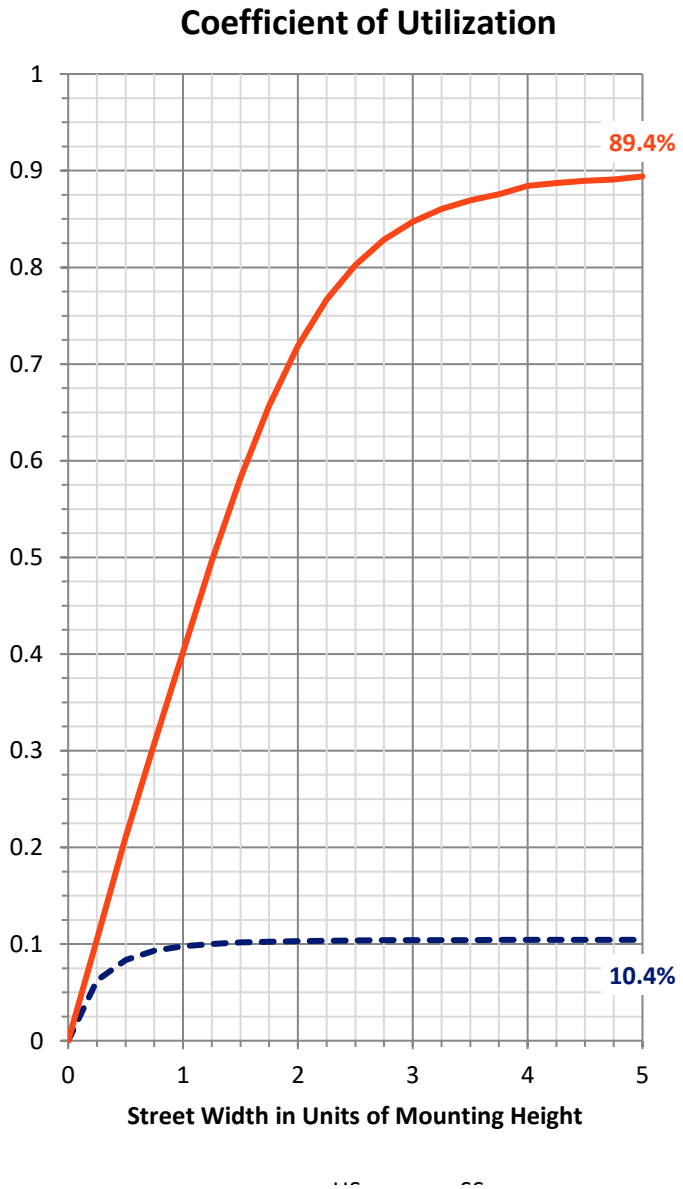
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 609.4 | 0.0 | 609.4 |
| | % Fixture | 10.5 | 0.0 | 10.5 |
| **Street Side** | Lumens | 5190.6 | 0.0 | 5190.6 |
| | % Fixture | 89.5 | 0.0 | 89.5 |
| **Total** | Lumens | 5800.0 | 0.0 | 5800.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 59.9 | 1.0 |
| 10°-20° | 175.0 | 3.0 |
| 20°-30° | 287.3 | 5.0 |
| 30°-40° | 407.5 | 7.0 |
| 40°-50° | 673.5 | 11.6 |
| 50°-60° | 1209.9 | 20.9 |
| 60°-70° | 1680.1 | 29.0 |
| 70°-80° | 1218.7 | 21.0 |
| 80°-90° | 88.1 | 1.5 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 5800.0 | 100.0 |
| 0°-180° | 5800.0 | 100.0 |



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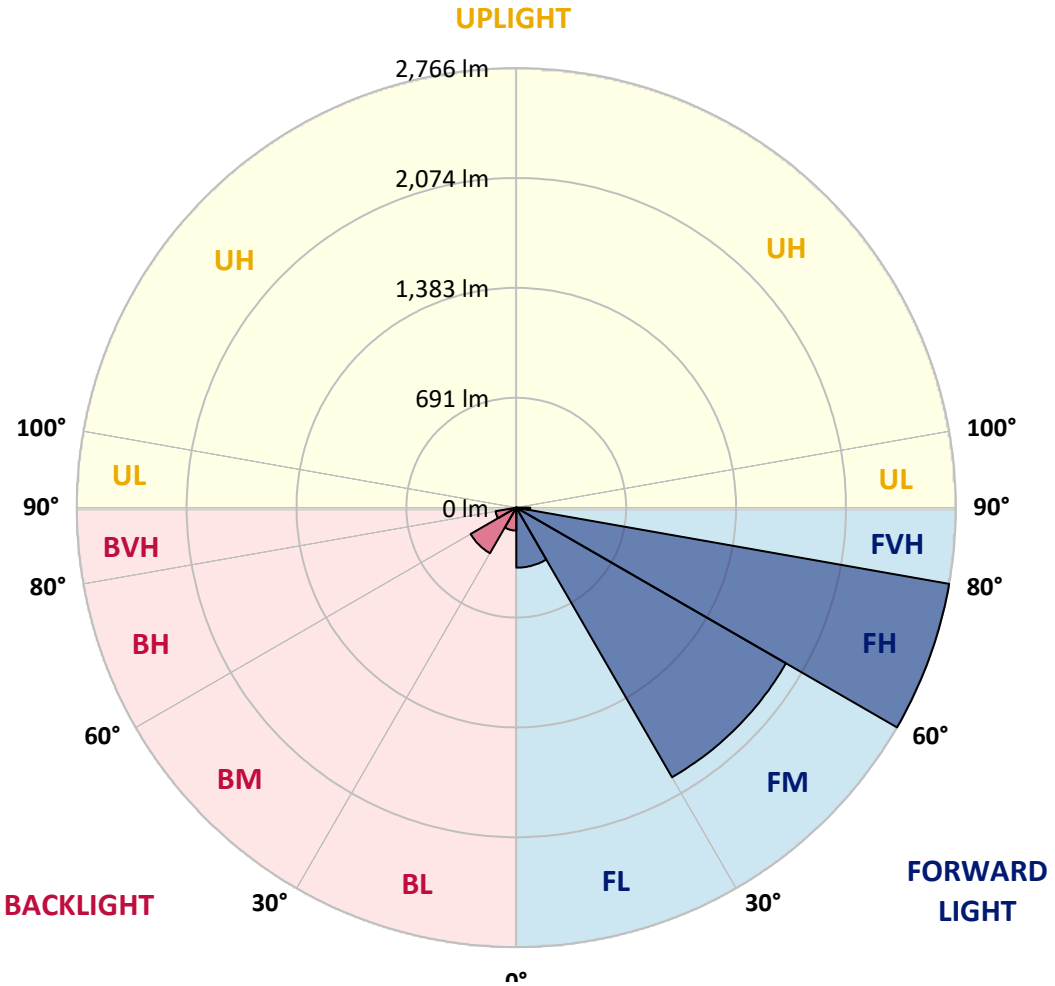
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 377.8 | 6.5 | | | |
| FM | (30°-60°) | 1959.5 | 33.8 | | | |
| FH | (60°-80°) | 2765.9 | 47.7 | | | G2/5000 |
| FVH | (80°-90°) | 87.4 | 1.5 | | | G1/100 |
| BL | (0°-30°) | 144.3 | 2.5 | B1/500 | | |
| BM | (30°-60°) | 331.4 | 5.7 | B1/1000 | | |
| BH | (60°-80°) | 132.9 | 2.3 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 0.7 | 0.0 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B1-U0-G2**
Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 15° | 25° | 35° | 45° | 46° | 55° | 65° | 75° | 85° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 |
| 2.5° | 694.0 | 695.2 | 694.4 | 689.6 | 681.7 | 677.4 | 675.0 | 667.1 | 661.9 | 652.8 | 643.3 |
| 5° | 757.7 | 762.5 | 759.7 | 750.2 | 735.2 | 724.5 | 721.3 | 705.1 | 690.4 | 673.4 | 653.6 |
| 7.5° | 825.4 | 827.8 | 822.7 | 810.4 | 790.2 | 772.0 | 769.2 | 746.6 | 723.3 | 697.2 | 670.2 |
| 10° | 884.0 | 886.8 | 878.9 | 861.1 | 838.1 | 815.5 | 811.6 | 786.6 | 758.9 | 726.9 | 692.4 |
| 12.5° | 933.1 | 935.9 | 925.6 | 904.2 | 878.9 | 855.5 | 851.6 | 825.4 | 794.9 | 759.3 | 716.6 |
| 15° | 970.3 | 975.5 | 961.6 | 938.7 | 911.3 | 888.0 | 886.0 | 860.3 | 830.6 | 791.0 | 745.5 |
| 17.5° | 992.1 | 997.2 | 984.2 | 956.5 | 933.1 | 913.3 | 910.9 | 889.6 | 861.9 | 823.8 | 773.6 |
| 20° | 995.7 | 1000.4 | 986.6 | 962.4 | 943.0 | 927.2 | 926.0 | 910.5 | 890.4 | 853.9 | 804.1 |
| 22.5° | 985.0 | 990.9 | 978.2 | 958.8 | 945.4 | 937.1 | 935.5 | 926.8 | 915.3 | 884.4 | 832.6 |
| 25° | 973.9 | 978.6 | 969.1 | 952.1 | 945.0 | 944.2 | 945.4 | 943.8 | 941.4 | 915.3 | 865.8 |
| 27.5° | 973.1 | 978.2 | 967.6 | 951.3 | 947.4 | 955.7 | 956.9 | 964.4 | 966.4 | 943.4 | 897.9 |
| 30° | 979.8 | 983.4 | 973.1 | 956.1 | 954.1 | 973.1 | 973.5 | 987.0 | 990.1 | 967.2 | 929.5 |
| 32.5° | 994.5 | 998.4 | 988.1 | 963.2 | 960.4 | 987.0 | 988.1 | 1006.0 | 1011.1 | 992.5 | 962.8 |
| 35° | 1028.9 | 1033.7 | 1021.8 | 983.0 | 973.1 | 1000.0 | 1003.6 | 1024.6 | 1034.9 | 1019.4 | 997.2 |
| 37.5° | 1114.8 | 1101.0 | 1084.7 | 1023.0 | 1002.0 | 1020.6 | 1026.5 | 1051.1 | 1069.3 | 1051.5 | 1038.4 |
| 40° | 1328.2 | 1284.7 | 1234.0 | 1091.1 | 1052.7 | 1064.5 | 1069.3 | 1093.8 | 1118.8 | 1101.4 | 1095.0 |
| 42.5° | 1648.5 | 1597.0 | 1515.5 | 1247.8 | 1129.1 | 1135.0 | 1138.6 | 1160.0 | 1195.2 | 1181.3 | 1182.9 |
| 45° | 1933.9 | 1915.3 | 1832.2 | 1515.5 | 1272.0 | 1242.7 | 1247.1 | 1258.1 | 1310.0 | 1304.9 | 1315.1 |
| 47.5° | 2153.2 | 2142.6 | 2078.4 | 1822.7 | 1513.5 | 1374.5 | 1386.8 | 1391.9 | 1466.8 | 1485.0 | 1512.7 |
| 50° | 2321.9 | 2317.9 | 2260.5 | 2095.8 | 1829.0 | 1568.9 | 1573.3 | 1562.2 | 1674.2 | 1719.3 | 1772.0 |
| 52.5° | 2481.0 | 2494.5 | 2452.1 | 2349.6 | 2165.9 | 1823.5 | 1822.7 | 1770.4 | 1921.6 | 1989.7 | 2079.6 |
| 55° | 2624.7 | 2629.5 | 2633.9 | 2608.5 | 2504.8 | 2113.3 | 2105.7 | 2020.2 | 2208.7 | 2279.1 | 2376.5 |
| 57.5° | 2759.7 | 2761.7 | 2800.5 | 2852.4 | 2857.5 | 2424.4 | 2410.6 | 2308.0 | 2522.2 | 2572.5 | 2632.3 |
| 60° | 2850.4 | 2859.5 | 2941.5 | 3085.6 | 3148.5 | 2745.5 | 2738.0 | 2633.5 | 2841.3 | 2864.7 | 2853.6 |
| 62.5° | 2719.8 | 2775.2 | 2981.8 | 3267.7 | 3423.3 | 3101.4 | 3097.8 | 2999.7 | 3177.0 | 3158.0 | 3063.0 |
| 65° | 2201.5 | 2295.4 | 2658.8 | 3390.8 | 3692.9 | 3498.9 | 3504.0 | 3399.5 | 3521.8 | 3460.1 | 3233.2 |
| 67.5° | 1540.0 | 1639.0 | 2068.9 | 3400.7 | 3994.1 | 3965.6 | 3995.3 | 3831.4 | 3888.0 | 3749.5 | 3273.6 |
| 70° | 1064.9 | 1116.0 | 1395.9 | 3187.7 | 4228.9 | 4608.5 | 4607.8 | 4361.9 | 4252.2 | 3881.3 | 3067.7 |
| 72.5° | 716.2 | 742.7 | 906.6 | 2528.9 | 4056.3 | 4990.6 | 4967.6 | 4767.3 | 4375.0 | 3629.9 | 2506.4 |
| 75° | 302.1 | 321.5 | 419.6 | 1421.2 | 3209.1 | 4565.8 | 4503.6 | 4213.1 | 3887.2 | 2858.3 | 1563.8 |
| 77.5° | 95.8 | 104.1 | 165.5 | 508.7 | 1767.6 | 3432.0 | 3366.2 | 2631.1 | 2605.3 | 1433.9 | 571.7 |
| 80° | 45.5 | 53.0 | 93.0 | 204.3 | 695.6 | 1866.6 | 1857.5 | 1193.6 | 1120.8 | 387.2 | 114.8 |
| 82.5° | 19.8 | 23.4 | 51.5 | 109.3 | 311.2 | 665.9 | 679.3 | 406.2 | 336.1 | 146.9 | 35.2 |
| 85° | 6.3 | 8.3 | 23.8 | 50.3 | 131.4 | 165.5 | 163.5 | 96.6 | 135.4 | 80.0 | 12.3 |
| 87.5° | 0.0 | 0.0 | 7.9 | 11.5 | 13.5 | 9.5 | 10.7 | 8.3 | 37.6 | 22.2 | 4.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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**CANDELA DISTRIBUTION (continued):**

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 | 635.4 |
| 2.5° | 638.6 | 632.2 | 621.2 | 610.9 | 601.8 | 592.6 | 587.1 | 579.2 | 578.4 | 578.4 | 580.4 |
| 5° | 642.9 | 632.6 | 612.8 | 591.9 | 567.7 | 544.7 | 521.8 | 499.6 | 492.5 | 487.3 | 489.7 |
| 7.5° | 655.6 | 639.4 | 608.1 | 568.1 | 522.2 | 471.9 | 436.7 | 398.7 | 384.0 | 376.1 | 377.3 |
| 10° | 673.8 | 651.6 | 604.1 | 534.1 | 459.6 | 391.1 | 340.9 | 299.7 | 283.9 | 277.1 | 277.1 |
| 12.5° | 694.0 | 666.7 | 597.0 | 491.7 | 391.1 | 309.2 | 260.1 | 241.1 | 238.7 | 238.7 | 238.7 |
| 15° | 718.1 | 684.9 | 584.7 | 441.8 | 319.5 | 244.7 | 227.2 | 228.0 | 230.4 | 232.0 | 232.0 |
| 17.5° | 743.1 | 704.3 | 565.3 | 386.0 | 256.1 | 220.1 | 220.5 | 221.7 | 223.7 | 225.3 | 225.3 |
| 20° | 770.0 | 723.7 | 539.6 | 326.6 | 219.7 | 213.0 | 214.2 | 215.4 | 216.9 | 217.7 | 218.1 |
| 22.5° | 798.9 | 741.9 | 509.1 | 268.4 | 207.4 | 207.1 | 207.4 | 208.6 | 210.6 | 210.6 | 211.4 |
| 25° | 829.8 | 762.1 | 474.3 | 226.1 | 201.1 | 201.1 | 201.9 | 202.7 | 204.3 | 204.3 | 204.7 |
| 27.5° | 861.5 | 780.7 | 437.5 | 203.9 | 195.6 | 195.2 | 195.2 | 196.4 | 197.2 | 197.5 | 197.9 |
| 30° | 896.3 | 802.5 | 400.6 | 199.1 | 191.2 | 189.2 | 188.0 | 188.8 | 189.6 | 190.0 | 190.8 |
| 32.5° | 931.9 | 823.4 | 367.8 | 201.1 | 186.9 | 183.3 | 179.3 | 178.5 | 178.5 | 180.1 | 181.3 |
| 35° | 971.5 | 846.4 | 342.4 | 207.8 | 184.5 | 174.6 | 168.3 | 164.7 | 165.1 | 167.5 | 168.6 |
| 37.5° | 1019.0 | 874.1 | 323.8 | 213.8 | 182.9 | 164.7 | 154.4 | 150.0 | 147.3 | 150.0 | 149.3 |
| 40° | 1081.2 | 914.9 | 310.4 | 218.5 | 180.9 | 153.2 | 139.4 | 132.2 | 127.1 | 128.7 | 127.9 |
| 42.5° | 1172.6 | 979.0 | 305.2 | 218.9 | 176.6 | 139.7 | 123.9 | 114.4 | 106.9 | 107.3 | 105.7 |
| 45° | 1300.9 | 1080.4 | 331.8 | 213.8 | 167.1 | 125.1 | 107.7 | 95.0 | 90.3 | 89.1 | 87.5 |
| 47.5° | 1476.7 | 1228.0 | 393.1 | 203.1 | 153.2 | 110.8 | 91.8 | 81.2 | 77.6 | 75.6 | 74.4 |
| 50° | 1712.2 | 1417.7 | 461.2 | 191.2 | 139.4 | 97.4 | 78.8 | 72.1 | 69.7 | 67.7 | 67.3 |
| 52.5° | 1985.4 | 1610.1 | 517.0 | 179.3 | 125.5 | 85.5 | 70.5 | 66.5 | 64.5 | 62.9 | 62.6 |
| 55° | 2236.0 | 1742.7 | 513.9 | 166.7 | 112.0 | 76.0 | 64.5 | 62.2 | 59.8 | 58.2 | 57.4 |
| 57.5° | 2392.0 | 1761.3 | 423.6 | 152.8 | 96.6 | 68.5 | 59.0 | 57.4 | 54.6 | 52.7 | 52.3 |
| 60° | 2463.6 | 1655.2 | 296.9 | 134.6 | 81.2 | 61.4 | 53.0 | 52.3 | 48.7 | 45.9 | 45.1 |
| 62.5° | 2476.7 | 1458.1 | 197.9 | 112.0 | 67.7 | 54.6 | 47.1 | 45.9 | 41.2 | 36.4 | 34.0 |
| 65° | 2423.6 | 1176.2 | 137.0 | 87.5 | 57.8 | 47.5 | 40.4 | 38.0 | 32.9 | 28.1 | 26.5 |
| 67.5° | 2255.8 | 825.8 | 95.4 | 62.9 | 49.1 | 37.6 | 32.1 | 31.3 | 27.3 | 23.4 | 22.2 |
| 70° | 1948.2 | 470.7 | 63.7 | 47.1 | 38.8 | 25.7 | 25.3 | 26.1 | 22.2 | 19.0 | 17.4 |
| 72.5° | *1493.7* | *215.4* | *39.6* | *34.4* | *26.5* | *17.4* | *20.2* | *20.6* | *17.0* | *14.3* | *12.7* |
| 75° | 879.3 | 92.2 | 24.9 | 22.2 | 13.5 | 11.5 | 14.6 | 15.0 | 11.5 | 9.1 | 7.9 |
| 77.5° | 299.3 | 34.8 | 15.8 | 13.1 | 6.7 | 6.3 | 9.5 | 9.5 | 6.3 | 3.6 | 2.8 |
| 80° | 68.1 | 13.1 | 7.9 | 5.1 | 3.2 | 2.8 | 3.2 | 2.8 | 1.6 | 0.4 | 0.0 |
| 82.5° | 19.4 | 5.1 | 3.2 | 2.0 | 1.2 | 1.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 5.5 | 2.4 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |


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(END OF REPORT)