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: P1198313

Luminaire Tested: GPC-SB1C-735-U-T4W

Issue Date: 10/30/2025

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Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-2024 |
| Report Number: | P1198313 |
| | TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1) |
| Test Lab: | INNOVATION CENTER |
| Issue Date: | 3/13/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GPC-SB1C-735-U-T4W |
| Description: | GALLEON PEDESTRIAN LUMINAIRE |
| | (1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS |
| Light Source: | - |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 7514 lumens |
| Efficiency: | N/A |
| Efficacy: | 138.1 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 |

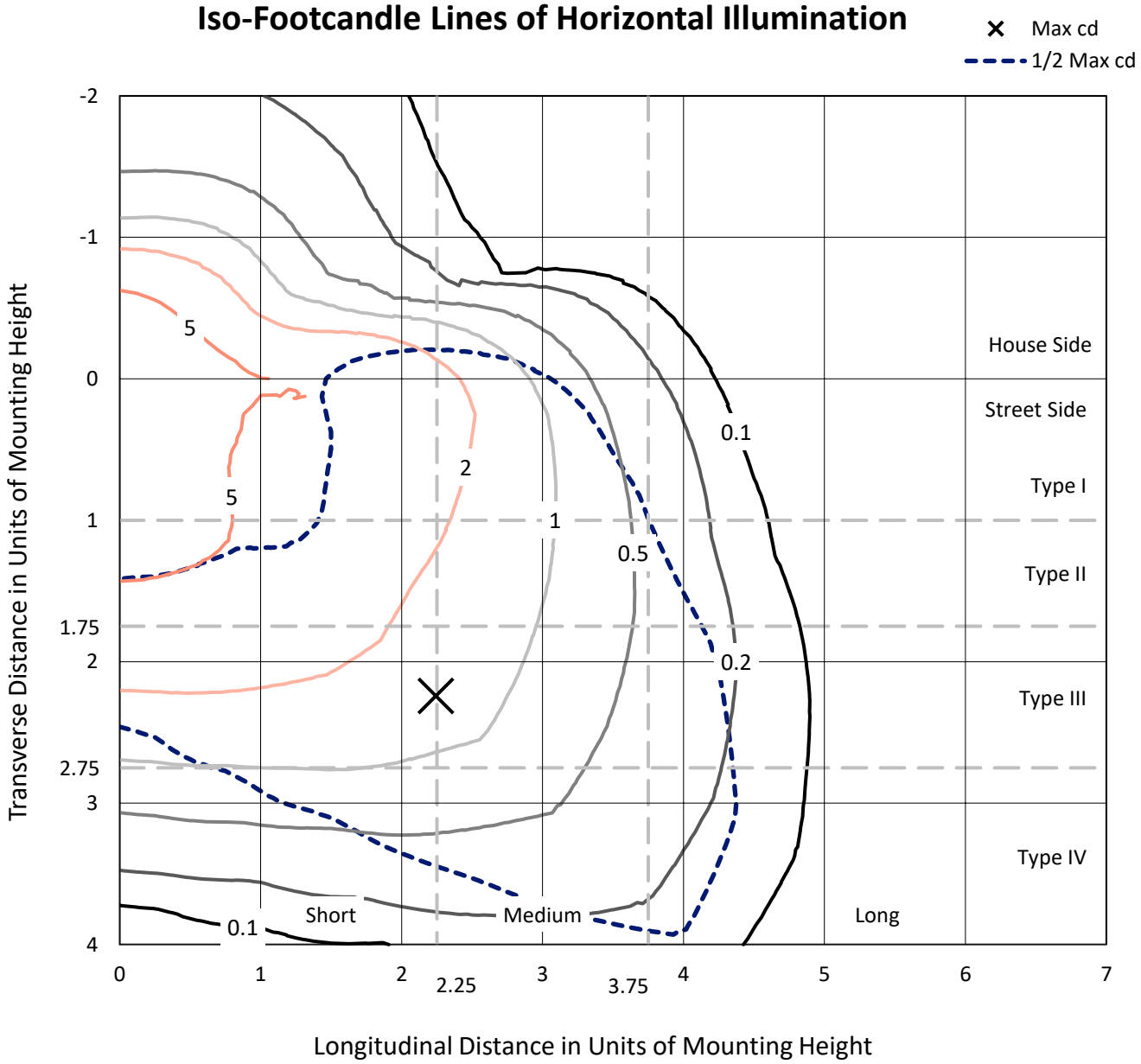


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## Iso-Footcandle Lines of Horizontal Illumination



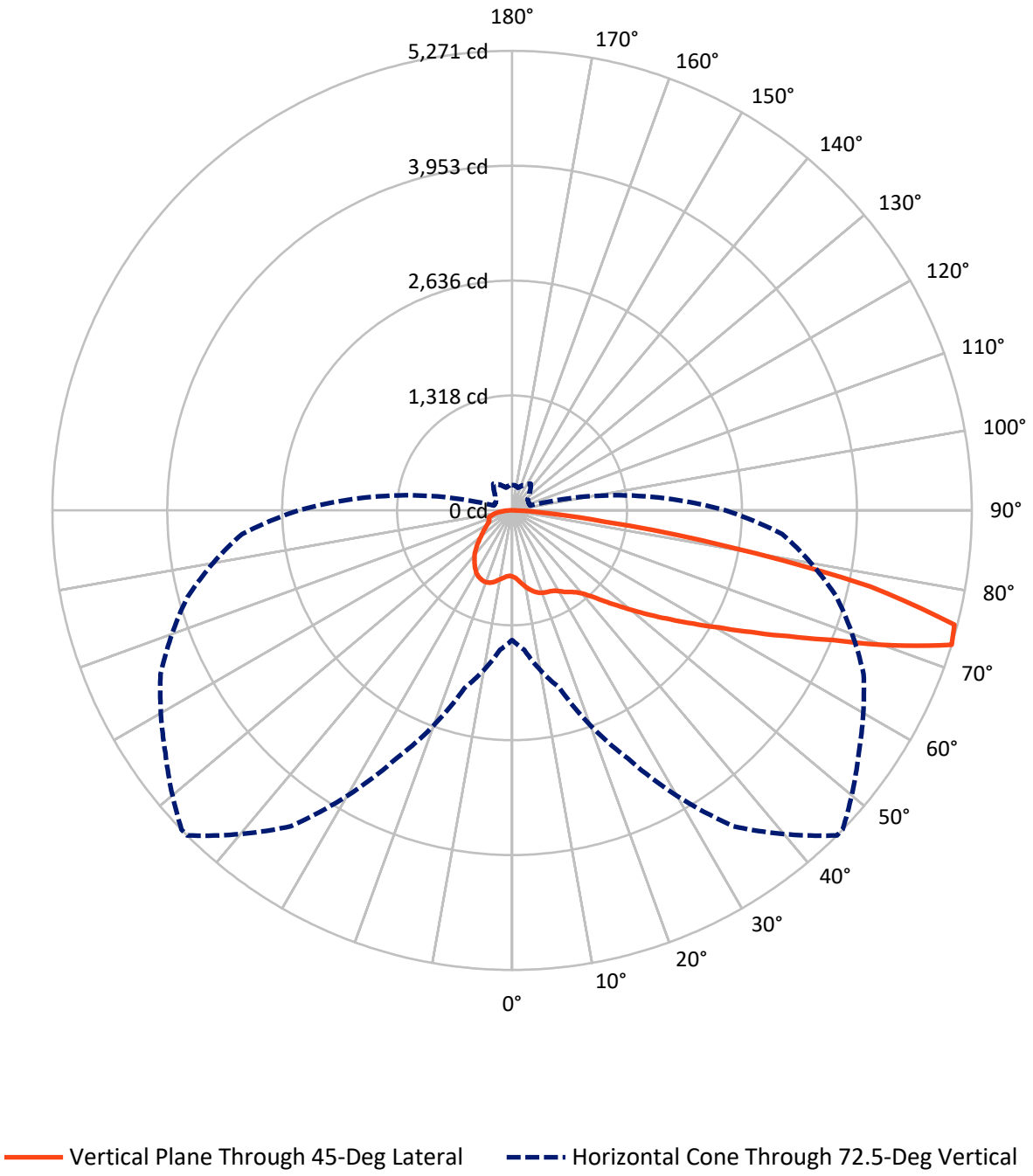

Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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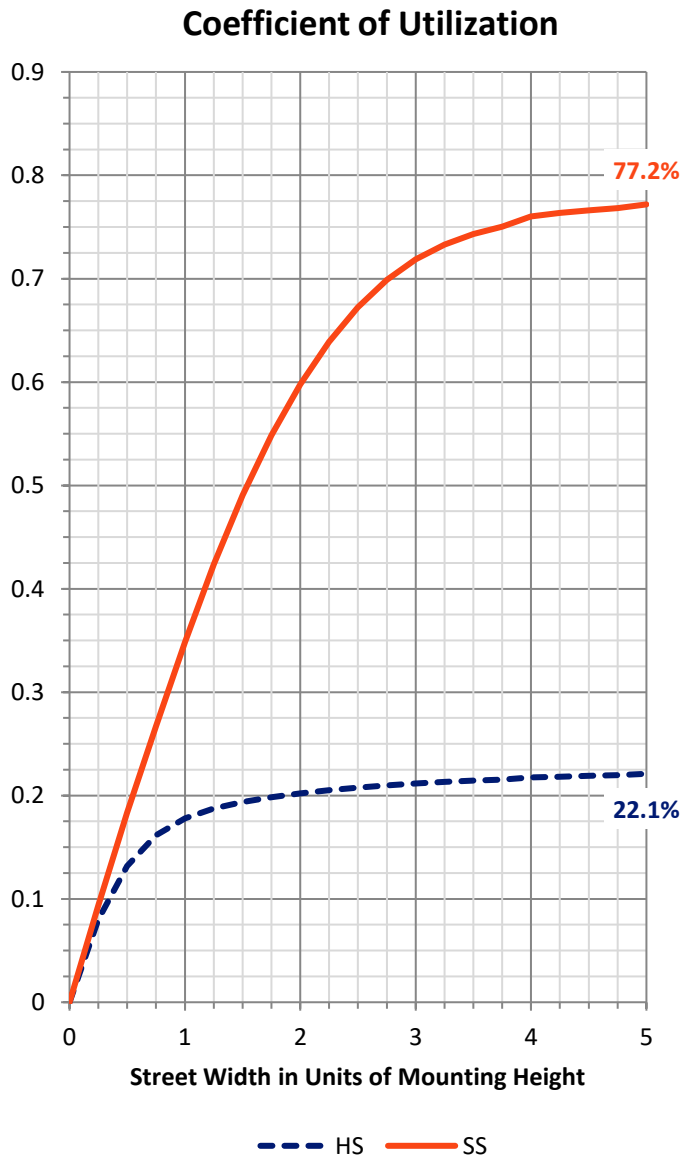
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 1698.7 | 0.0 | 1698.7 |
| | % Fixture | 22.6 | 0.0 | 22.6 |
| **Street Side** | Lumens | 5815.3 | 0.0 | 5815.3 |
| | % Fixture | 77.4 | 0.0 | 77.4 |
| **Total** | Lumens | 7514.0 | 0.0 | 7514.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 77.2 | 1.0 |
| 10°-20° | 257.2 | 3.4 |
| 20°-30° | 447.5 | 6.0 |
| 30°-40° | 641.5 | 8.5 |
| 40°-50° | 903.2 | 12.0 |
| 50°-60° | 1383.5 | 18.4 |
| 60°-70° | 2004.2 | 26.7 |
| 70°-80° | 1600.5 | 21.3 |
| 80°-90° | 199.3 | 2.7 |
| 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° | 7514.0 | 100.0 |
| 0°-180° | 7514.0 | 100.0 |



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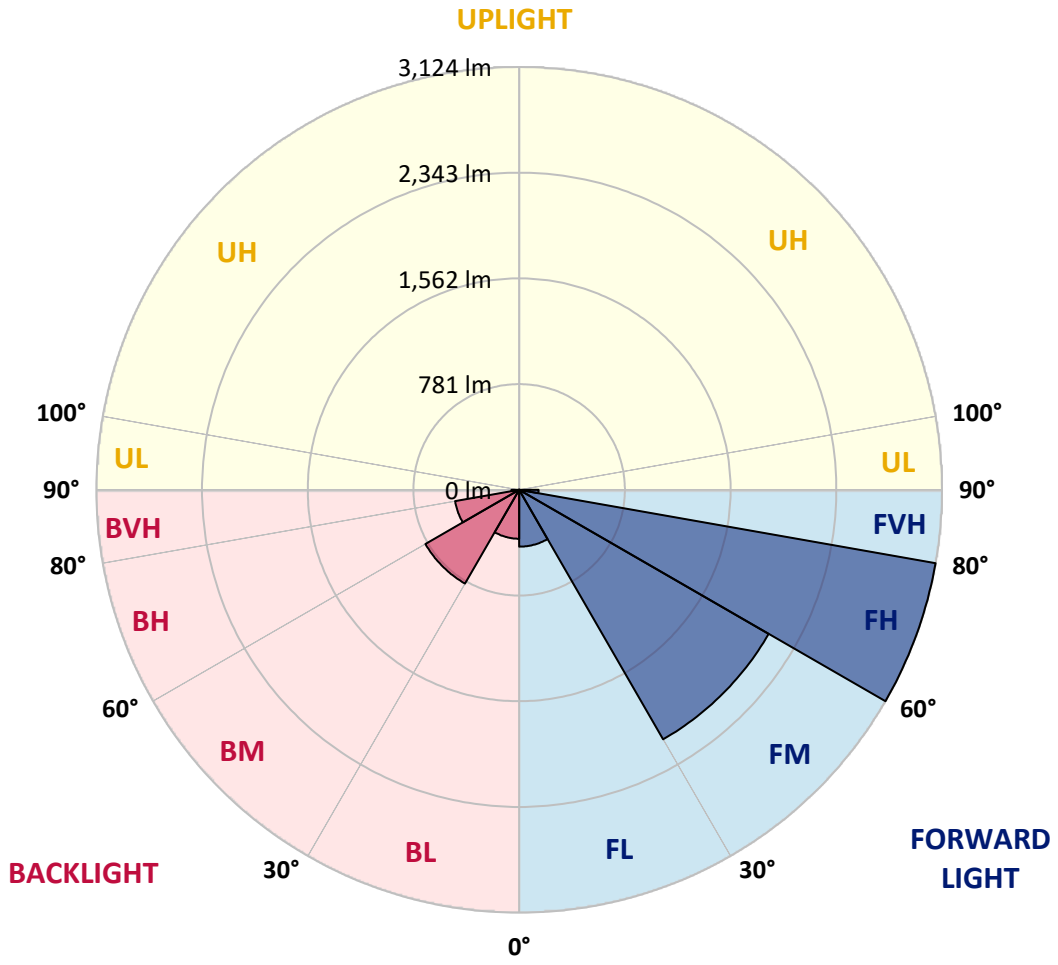
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 420.2 | 5.6 | | | |
| FM | (30°-60°) | 2128.4 | 28.3 | | | |
| FH | (60°-80°) | 3123.8 | 41.6 | | | G2/5000 |
| FVH | (80°-90°) | 143.0 | 1.9 | | | G2/225 |
| BL | (0°-30°) | 361.7 | 4.8 | B1/500 | | |
| BM | (30°-60°) | 799.8 | 10.6 | B1/1000 | | |
| BH | (60°-80°) | 480.8 | 6.4 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 56.3 | 0.7 | | | G1/100 |
| 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° | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 | *758.0* | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 |
| 2.5° | 787.7 | 792.8 | 788.1 | 783.7 | 781.8 | *776.6* | 776.2 | 773.1 | 771.1 | 765.5 | 764.0 |
| 5° | 842.7 | 849.5 | 841.5 | 832.8 | 824.9 | *812.2* | 810.7 | 801.6 | 791.3 | 779.4 | 772.7 |
| 7.5° | 904.9 | 910.8 | 901.7 | 888.6 | 874.8 | *853.8* | 853.4 | 836.8 | 820.6 | 800.4 | 788.9 |
| 10° | 959.1 | 967.0 | 954.7 | 936.9 | 919.5 | *895.8* | 893.0 | 874.0 | 853.4 | 827.3 | 809.9 |
| 12.5° | 1007.0 | 1012.5 | 1000.7 | 978.9 | 958.7 | *935.0* | 931.4 | 910.4 | 887.5 | 857.8 | 835.6 |
| 15° | 1045.0 | 1052.1 | 1036.3 | 1012.9 | 991.6 | *968.2* | 965.0 | 946.0 | 923.1 | 891.8 | 863.3 |
| 17.5° | 1069.9 | 1075.9 | 1059.6 | 1033.5 | 1012.9 | *993.5* | 991.2 | 975.3 | 955.1 | 923.5 | 893.0 |
| 20° | 1079.4 | 1085.8 | 1068.7 | 1042.2 | 1023.2 | *1008.2* | 1007.0 | 995.5 | 981.7 | 952.8 | 921.9 |
| 22.5° | 1088.9 | 1094.9 | 1072.7 | 1045.0 | 1028.4 | *1018.9* | 1018.5 | 1011.0 | 1005.4 | 981.7 | 951.6 |
| 25° | 1127.3 | 1128.9 | 1099.2 | 1059.2 | 1035.5 | *1027.2* | 1026.8 | 1026.4 | 1028.8 | 1010.2 | 983.6 |
| 27.5° | 1160.6 | 1160.2 | 1134.8 | 1097.2 | 1060.4 | *1043.0* | 1042.6 | 1046.6 | 1054.1 | 1038.7 | 1016.9 |
| 30° | 1209.3 | 1204.9 | 1174.8 | 1135.6 | 1102.0 | *1075.1* | 1072.7 | 1069.1 | 1075.1 | 1062.8 | 1050.1 |
| 32.5° | 1312.6 | 1298.7 | 1250.0 | 1180.4 | 1136.4 | *1115.8* | 1112.7 | 1090.5 | 1092.9 | 1085.4 | 1079.0 |
| 35° | 1460.6 | 1442.4 | 1377.5 | 1265.1 | 1179.2 | *1149.9* | 1148.3 | 1120.2 | 1115.5 | 1108.7 | 1111.1 |
| 37.5° | 1636.8 | 1614.2 | 1538.6 | 1387.8 | 1252.8 | *1189.5* | 1187.1 | 1161.8 | 1142.4 | 1135.2 | 1148.7 |
| 40° | 1813.7 | 1785.2 | 1722.7 | 1537.4 | 1361.3 | *1255.6* | 1248.1 | 1209.7 | 1187.5 | 1175.6 | 1204.1 |
| 42.5° | 1985.5 | 1961.7 | 1908.3 | 1705.2 | 1495.1 | *1352.2* | 1335.5 | 1269.8 | 1253.2 | 1242.1 | 1293.6 |
| 45° | 2137.5 | 2116.1 | 2076.9 | 1884.6 | 1651.8 | *1483.6* | 1467.3 | 1360.1 | 1354.9 | 1354.9 | 1429.3 |
| 47.5° | 2261.0 | 2256.2 | 2214.7 | 2067.4 | 1836.7 | *1633.2* | 1605.1 | 1485.6 | 1499.4 | 1520.8 | 1622.1 |
| 50° | 2397.9 | 2384.9 | 2340.5 | 2247.5 | 2054.0 | *1804.6* | 1781.6 | 1639.5 | 1691.4 | 1750.0 | 1900.8 |
| 52.5° | 2523.8 | 2530.9 | 2481.5 | 2435.2 | 2299.4 | *1995.8* | 1955.4 | 1821.2 | 1933.2 | 2030.2 | 2227.3 |
| 55° | 2653.3 | 2653.7 | 2639.8 | 2633.5 | 2556.7 | *2207.2* | 2162.8 | 2039.7 | 2217.8 | 2338.2 | 2608.1 |
| 57.5° | 2774.8 | 2775.6 | 2796.2 | 2852.0 | 2855.1 | *2451.0* | 2400.7 | 2308.1 | 2534.1 | 2656.8 | 3000.8 |
| 60° | 2883.2 | 2888.8 | 2945.0 | 3075.6 | 3117.6 | *2730.4* | 2682.9 | 2625.2 | 2861.1 | 2984.6 | 3413.6 |
| 62.5° | 2919.6 | 2939.8 | 3064.9 | 3250.6 | 3376.8 | *3073.2* | 3026.5 | 2992.1 | 3204.6 | 3319.4 | 3758.8 |
| 65° | 2857.9 | 2904.2 | 3146.1 | 3395.0 | 3643.6 | *3480.5* | 3434.2 | 3396.6 | 3561.7 | 3669.7 | 4042.2 |
| 67.5° | 2706.3 | 2766.1 | 3141.3 | 3546.6 | 3967.4 | *3970.6* | 3927.4 | 3839.2 | 3944.5 | 3986.0 | 4134.5 |
| 70° | 2306.9 | 2396.4 | 2864.6 | 3603.2 | 4339.1 | *4640.7* | 4599.2 | 4372.0 | 4326.4 | 4125.4 | 3874.8 |
| 72.5° | *1486.3* | *1606.7* | *2109.4* | *3137.4* | *4421.8* | *5271.3* | *5268.9* | *4852.9* | *4447.2* | *3854.6* | *3107.7* |
| 75° | 542.3 | 615.9 | 980.1 | 1969.3 | 3711.7 | *5239.2* | 5254.7 | 4770.6 | 4059.6 | 2977.4 | 1936.0 |
| 77.5° | 197.5 | 216.1 | 319.8 | 756.8 | 2282.8 | *4203.7* | 4235.8 | 3813.8 | 2889.6 | 1494.3 | 767.1 |
| 80° | 103.7 | 114.0 | 163.9 | 293.7 | 978.1 | *2496.5* | 2546.8 | 2266.5 | 1358.1 | 450.1 | 230.0 |
| 82.5° | 57.4 | 62.1 | 91.8 | 159.5 | 440.6 | *1067.6* | 1097.6 | 895.4 | 477.8 | 190.8 | 95.0 |
| 85° | 30.9 | 32.9 | 43.1 | 87.1 | 215.3 | *370.1* | 378.4 | 267.6 | 190.4 | 112.0 | 45.9 |
| 87.5° | 9.1 | 11.1 | 14.2 | 27.7 | 84.3 | *83.1* | 85.1 | 53.0 | 75.2 | 56.6 | 15.0 |
| 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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**CANDELA DISTRIBUTION (continued):**

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 | 758.0 |
| 2.5° | 761.6 | 760.4 | 756.0 | 754.1 | 751.7 | 751.3 | 753.3 | 753.7 | 754.1 | 754.5 | 756.0 |
| 5° | 768.7 | 764.7 | 760.8 | 758.4 | 759.2 | 759.6 | 763.6 | 766.3 | 768.3 | 769.9 | 770.7 |
| 7.5° | 782.6 | 779.4 | 772.7 | 772.3 | 773.5 | 777.0 | 782.2 | 788.5 | 792.1 | 794.8 | 795.6 |
| 10° | 803.1 | 797.2 | 789.3 | 790.5 | 792.8 | 798.0 | 808.7 | 813.8 | 819.8 | 824.9 | 823.7 |
| 12.5° | 824.1 | 819.0 | 809.9 | 810.7 | 814.6 | 823.7 | 834.0 | 840.3 | 844.3 | 848.3 | 849.8 |
| 15° | 851.4 | 842.3 | 832.4 | 832.4 | 839.6 | 849.5 | 854.2 | 859.3 | 861.7 | 866.1 | 867.7 |
| 17.5° | 879.5 | 867.7 | 854.6 | 853.8 | 862.5 | 867.3 | 870.0 | 870.8 | 871.6 | 876.4 | 878.0 |
| 20° | 907.6 | 894.6 | 876.0 | 874.4 | 876.4 | 875.6 | 875.2 | 874.4 | 875.6 | 881.5 | 883.9 |
| 22.5° | 935.3 | 920.3 | 894.6 | 887.5 | 881.9 | 874.4 | 874.0 | 873.6 | 874.4 | 880.3 | 884.3 |
| 25° | 967.8 | 949.6 | 915.2 | 893.8 | 875.2 | 864.9 | 866.1 | 866.5 | 867.3 | 872.0 | 878.3 |
| 27.5° | 1003.0 | 982.8 | 934.2 | 891.8 | 858.2 | 851.0 | 849.1 | 850.2 | 853.0 | 860.5 | 868.1 |
| 30° | 1038.3 | 1014.5 | 951.6 | 883.9 | 836.8 | 826.9 | 820.6 | 823.3 | 832.0 | 839.6 | 847.9 |
| 32.5° | 1070.3 | 1046.6 | 965.4 | 866.5 | 809.5 | 794.0 | 785.7 | 789.3 | 798.0 | 800.8 | 810.7 |
| 35° | 1107.9 | 1081.0 | 971.4 | 838.8 | 779.8 | 756.0 | 745.0 | 739.8 | 744.2 | 741.4 | 750.1 |
| 37.5° | 1149.9 | 1121.8 | 970.6 | 802.3 | 745.0 | 717.6 | 702.2 | 682.8 | 673.7 | 664.2 | 670.1 |
| 40° | 1212.0 | 1171.7 | 961.1 | 758.4 | 701.8 | 676.9 | 649.2 | 616.3 | 595.7 | 577.1 | 578.3 |
| 42.5° | 1296.7 | 1240.9 | 943.7 | 710.1 | 653.1 | 629.8 | 592.2 | 553.8 | 521.3 | 490.4 | 487.7 |
| 45° | 1423.0 | 1331.6 | 921.9 | 658.7 | 600.5 | 577.5 | 536.7 | 493.6 | 456.8 | 417.2 | 412.5 |
| 47.5° | 1605.1 | 1453.5 | 901.3 | 600.1 | 545.1 | 524.1 | 487.3 | 447.3 | 403.7 | 365.4 | 361.0 |
| 50° | 1855.3 | 1628.4 | 882.3 | 543.1 | 490.4 | 474.6 | 445.3 | 404.5 | 360.6 | 329.7 | 327.7 |
| 52.5° | 2173.5 | 1866.3 | 874.4 | 488.1 | 439.4 | 433.4 | 410.1 | 372.1 | 330.5 | 304.4 | 302.4 |
| 55° | 2538.9 | 2150.9 | 874.4 | 435.4 | 394.6 | 396.6 | 380.4 | 345.2 | 309.1 | 285.8 | 283.4 |
| 57.5° | 2911.7 | 2439.1 | 858.6 | 386.7 | 356.6 | 365.0 | 354.7 | 323.8 | 291.3 | 267.2 | 263.2 |
| 60° | 3255.3 | 2680.6 | 794.4 | 342.4 | 323.0 | 336.1 | 329.3 | 302.8 | 263.2 | 243.0 | 239.9 |
| 62.5° | 3519.3 | 2816.7 | 670.9 | 307.2 | 295.3 | 310.3 | 306.8 | 275.1 | 258.1 | 249.8 | 247.0 |
| 65° | 3651.5 | 2794.6 | 513.0 | 275.9 | 271.9 | 295.3 | 287.8 | 286.6 | 273.1 | 263.6 | 260.5 |
| 67.5° | 3570.4 | 2603.8 | 372.1 | 252.9 | 258.5 | 281.4 | 310.3 | 315.1 | 290.1 | 271.5 | 268.4 |
| 70° | 3214.5 | 2258.6 | 277.1 | 231.2 | 241.5 | 281.8 | 353.9 | 329.7 | 284.6 | 262.8 | 259.3 |
| 72.5° | *2445.4* | *1684.3* | *214.9* | *208.2* | *219.3* | *283.8* | *373.3* | *323.0* | *268.8* | *290.5* | *288.2* |
| 75° | 1398.5 | 924.7 | 172.6 | 180.1 | 191.6 | 265.2 | 363.4 | 305.6 | 256.5 | 266.8 | 266.8 |
| 77.5° | 533.2 | 355.5 | 142.5 | 152.4 | 154.0 | 231.6 | 347.5 | 304.4 | 244.2 | 238.3 | 217.3 |
| 80° | 184.9 | 138.9 | 118.0 | 121.1 | 119.1 | 205.8 | 333.3 | 264.8 | 199.9 | 178.9 | 173.0 |
| 82.5° | 75.6 | 69.3 | 93.4 | 89.5 | 84.7 | 159.9 | 269.2 | 216.5 | 163.5 | 144.5 | 142.9 |
| 85° | 32.9 | 43.9 | 61.7 | 54.2 | 49.1 | 110.8 | 215.7 | 183.3 | 138.1 | 119.1 | 118.7 |
| 87.5° | 6.7 | 16.6 | 26.1 | 24.5 | 25.3 | 74.0 | 153.2 | 130.2 | 97.8 | 73.2 | 57.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)