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: P1200197

Luminaire Tested: GPC-SB2C-735-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-2024 |
| Report Number: | P1200197 |
| | TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10) |
| Test Lab: | INNOVATION CENTER |
| Issue Date: | 3/13/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GPC-SB2C-735-U-SL2 |
| Description: | GALLEON PEDESTRIAN LUMINAIRE |
| | (2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS |
| Light Source: | - |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 14883 lumens |
| Efficiency: | N/A |
| Efficacy: | 147.5 lumens/watt |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') |
| IES Classification: | Type II - Medium |
| BUG Rating: | B3 - U0 - G3 |

| | |
|---|---|
| Input Watts (W): | 100.9 |
| Input Voltage (V): | 120.0 |
| Input Current (Ain): | 0.857 |
| Voltage Rise (V): | NR |
| Power Factor: | 0.994 |
| Total Harmonic Distortion (THDi): | 9.472 |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

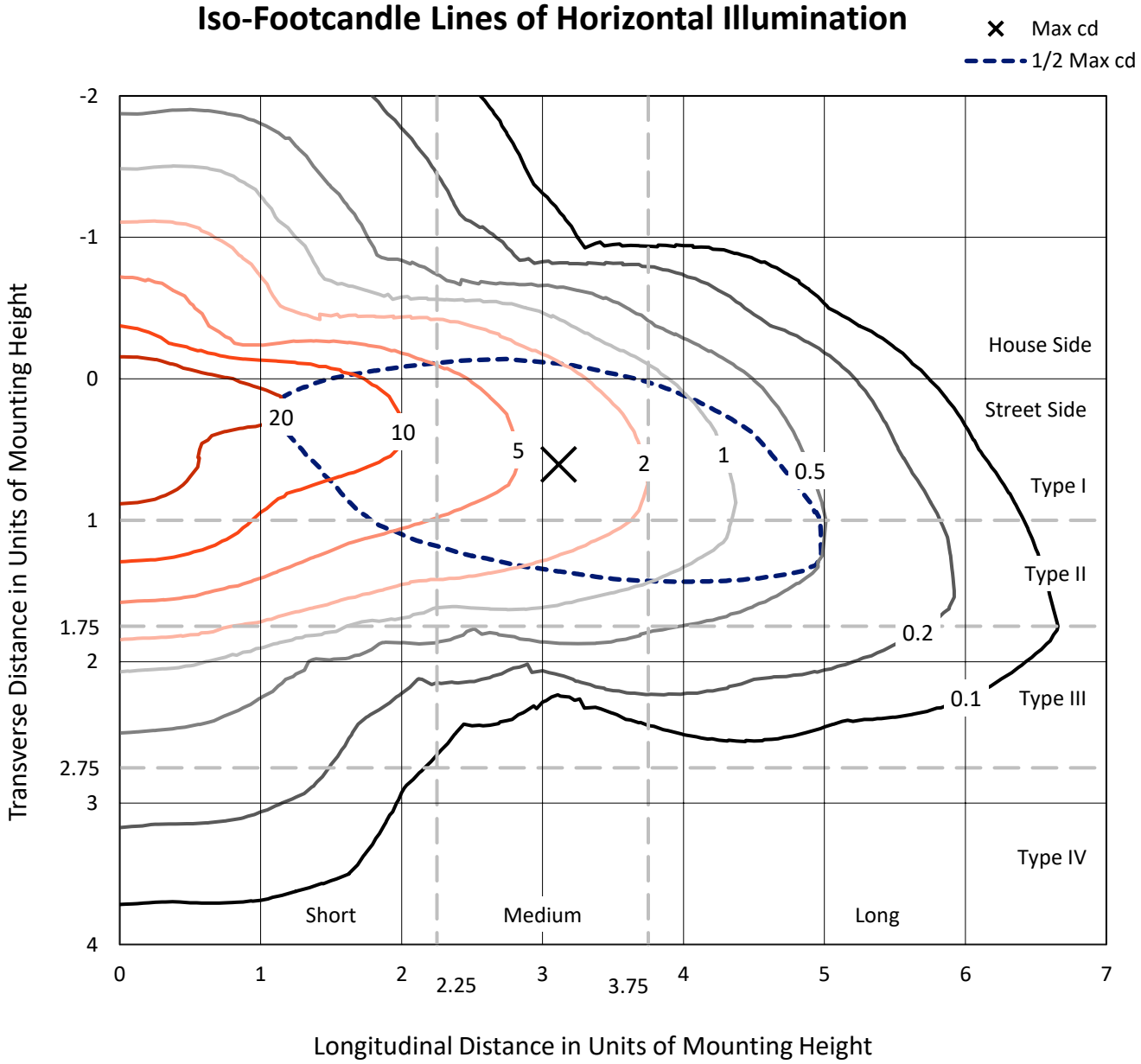


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## Iso-Footcandle Lines of Horizontal Illumination



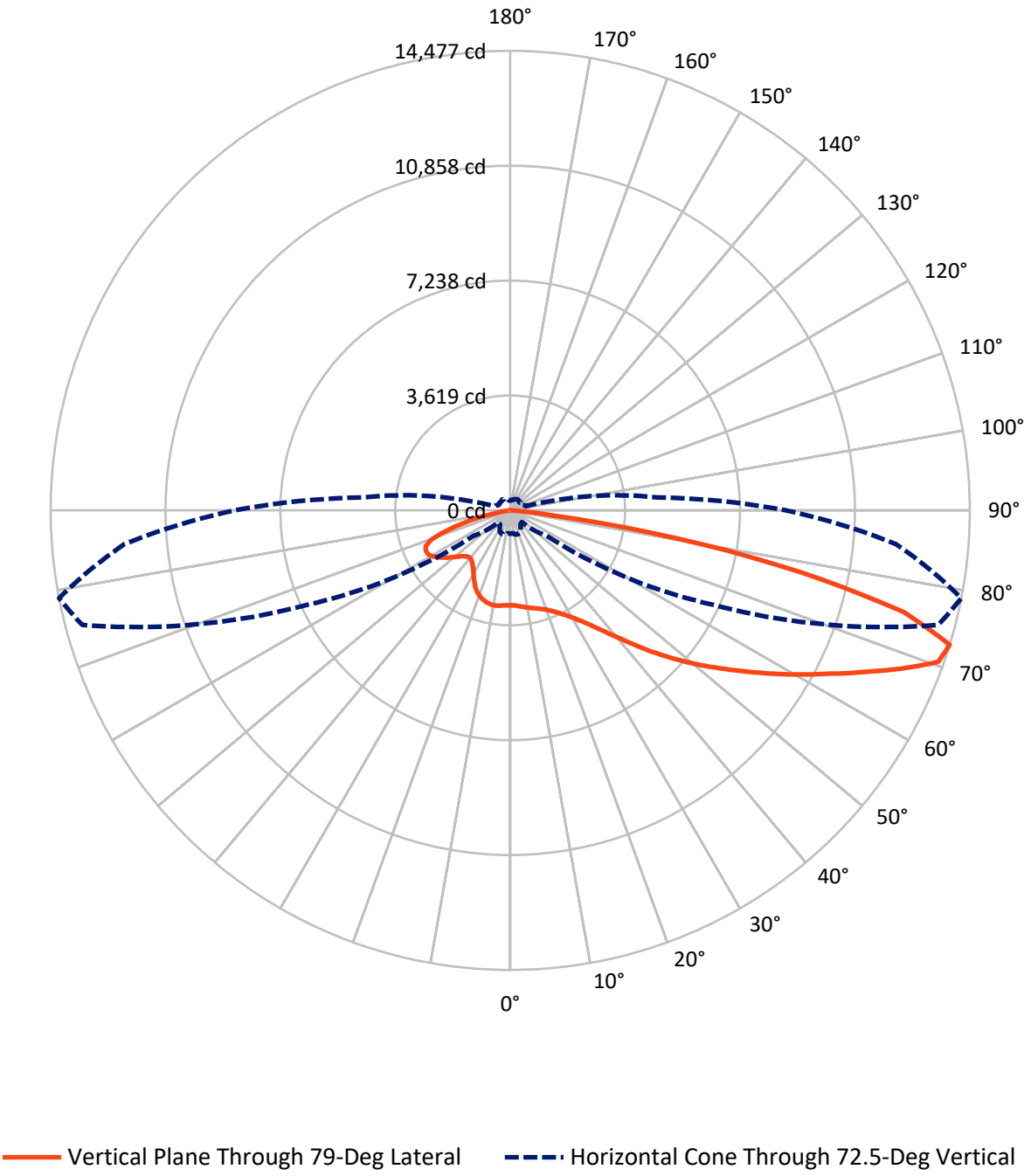

Based on 10 foot mounting height. Maximum calculated value = 30 fc
Type II - Medium - N/A

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## Luminous Intensity Polar Plot



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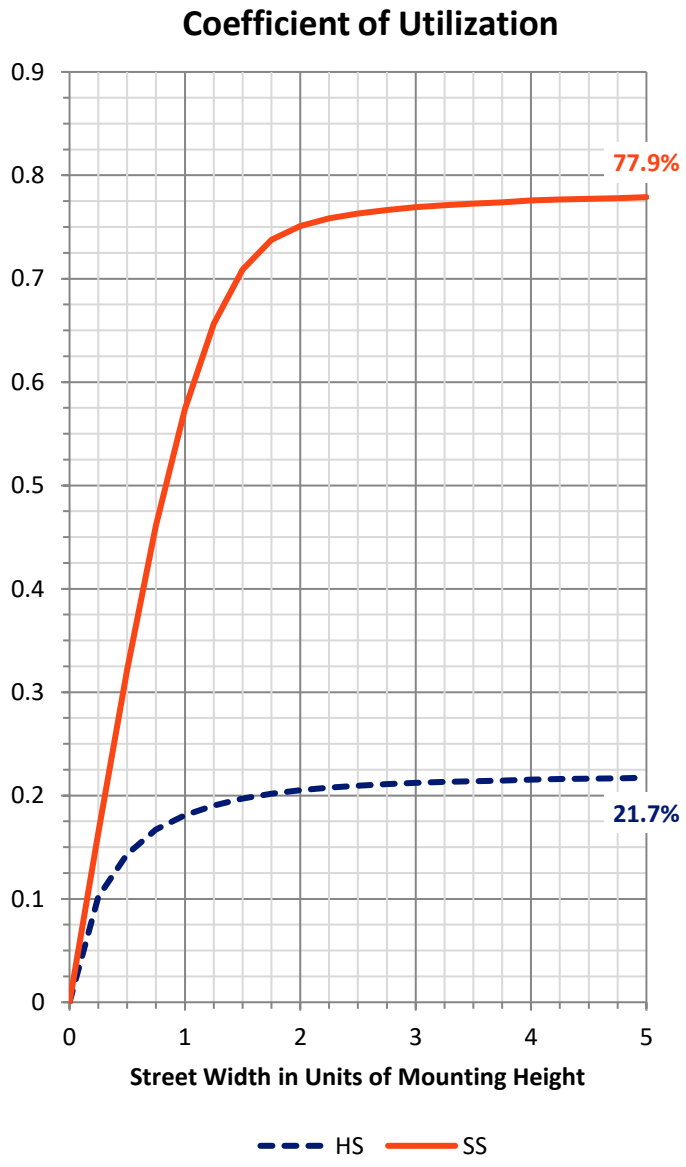
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 3275.1 | 0.0 | 3275.1 |
| | % Fixture | 22.0 | 0.0 | 22.0 |
| **Street Side** | Lumens | 11607.9 | 0.0 | 11607.9 |
| | % Fixture | 78.0 | 0.0 | 78.0 |
| **Total** | Lumens | 14883.0 | 0.0 | 14883.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 271.2 | 1.8 |
| 10°-20° | 709.0 | 4.8 |
| 20°-30° | 1144.1 | 7.7 |
| 30°-40° | 1717.1 | 11.5 |
| 40°-50° | 2435.8 | 16.4 |
| 50°-60° | 3076.1 | 20.7 |
| 60°-70° | 3124.2 | 21.0 |
| 70°-80° | 2129.3 | 14.3 |
| 80°-90° | 276.3 | 1.9 |
| 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° | 14883.0 | 100.0 |
| 0°-180° | 14883.0 | 100.0 |



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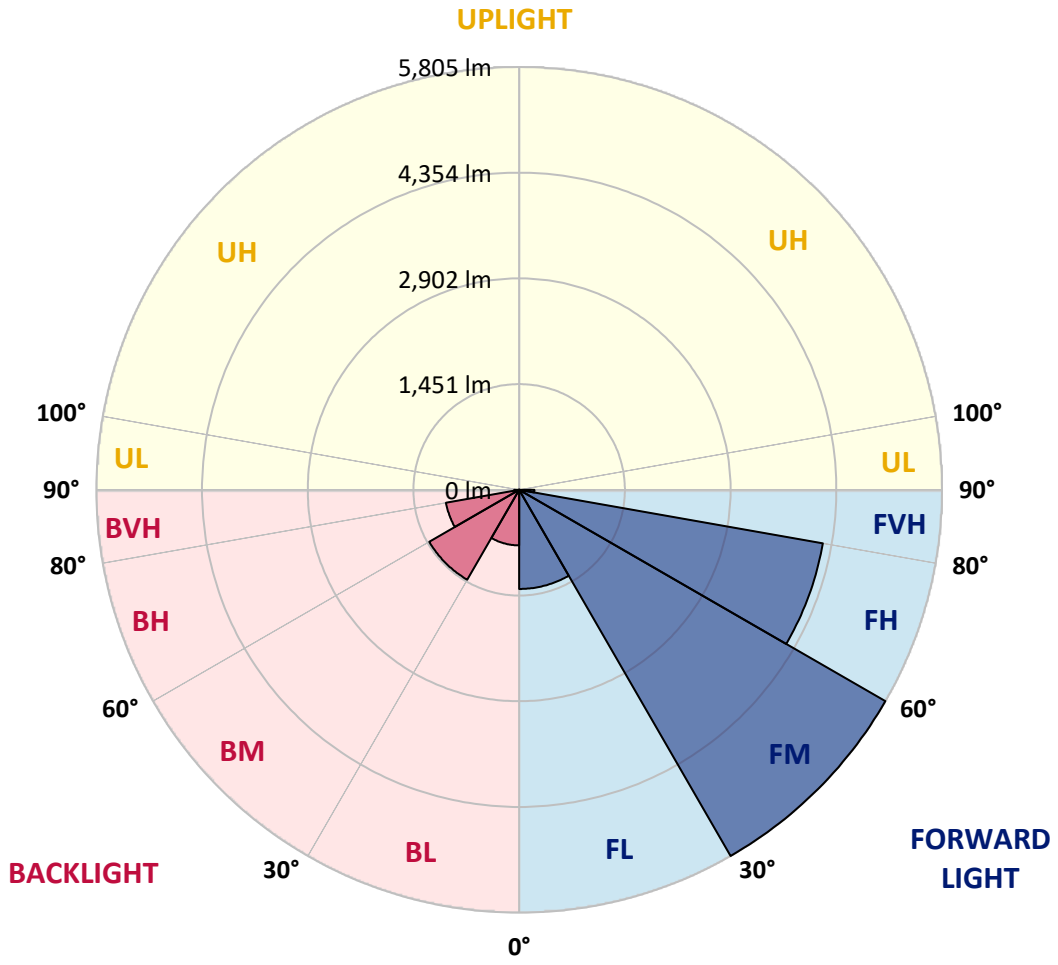
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 1361.4 | 9.1 | | | |
| FM | (30°-60°) | 5804.7 | 39.0 | | | |
| FH | (60°-80°) | 4233.7 | 28.4 | | | G2/5000 |
| FVH | (80°-90°) | 208.1 | 1.4 | | | G2/225 |
| BL | (0°-30°) | 762.9 | 5.1 | B2/1000 | | |
| BM | (30°-60°) | 1424.3 | 9.6 | B2/2500 | | |
| BH | (60°-80°) | 1019.8 | 6.9 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 68.2 | 0.5 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B3-U0-G3**
Type II Medium



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 79° | 85° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | *2987.6* | 2987.6 |
| 2.5° | 2989.2 | 2975.0 | 2983.7 | 2980.5 | 2984.5 | 2989.2 | 2990.8 | 2993.1 | 3001.0 | *3000.2* | 2999.4 |
| 5° | 2982.9 | 2968.7 | 2980.5 | 2976.6 | 2986.8 | 2997.9 | 3007.3 | 3016.0 | 3028.6 | *3034.1* | 3026.2 |
| 7.5° | 2969.5 | 2960.1 | 2971.9 | 2983.7 | 3002.6 | 3019.1 | 3032.5 | 3052.2 | 3070.3 | *3073.4* | 3078.9 |
| 10° | 2891.6 | 2884.5 | 2912.0 | 2942.7 | 2994.7 | 3039.6 | 3068.7 | 3091.5 | 3111.2 | *3114.4* | 3122.2 |
| 12.5° | 2810.5 | 2801.8 | 2832.5 | 2874.3 | 2958.5 | 3039.6 | 3101.0 | 3130.9 | 3148.2 | *3158.5* | 3170.3 |
| 15° | 2797.1 | 2790.0 | 2807.3 | 2843.6 | 2913.6 | 3018.3 | 3123.0 | 3178.1 | 3193.1 | *3204.9* | 3209.6 |
| 17.5° | 2861.7 | 2848.3 | 2855.4 | 2868.0 | 2908.9 | 2998.6 | 3140.3 | 3231.7 | 3254.5 | *3267.1* | 3267.1 |
| 20° | 3011.2 | 2992.3 | 2981.3 | 2956.1 | 2949.0 | 3001.8 | 3138.8 | 3296.2 | 3326.1 | *3341.9* | 3345.8 |
| 22.5° | 3210.4 | 3197.8 | 3174.2 | 3110.4 | 3041.2 | 3040.4 | 3168.7 | 3378.9 | 3434.8 | *3449.7* | 3440.3 |
| 25° | 3451.3 | 3432.4 | 3402.5 | 3315.9 | 3182.9 | 3116.7 | 3219.1 | 3484.4 | 3578.1 | *3582.0* | 3554.4 |
| 27.5° | 3728.4 | 3700.1 | 3659.1 | 3545.0 | 3365.5 | 3236.4 | 3296.2 | 3605.6 | 3742.6 | *3741.0* | 3684.3 |
| 30° | 4020.5 | 3992.2 | 3948.9 | 3810.3 | 3584.4 | 3397.8 | 3403.3 | 3736.3 | 3937.8 | *3929.2* | 3832.3 |
| 32.5° | 4233.8 | 4212.6 | 4203.9 | 4096.9 | 3836.3 | 3588.3 | 3526.1 | 3881.2 | 4178.7 | *4170.9* | 4035.5 |
| 35° | 4397.6 | 4370.0 | 4380.3 | 4325.9 | 4111.0 | 3801.6 | 3676.5 | 4053.6 | 4471.6 | *4470.8* | 4302.3 |
| 37.5° | 4559.8 | 4535.4 | 4544.0 | 4507.8 | 4365.3 | 4072.5 | 3859.9 | 4264.5 | 4834.5 | *4851.8* | 4625.1 |
| 40° | 4707.8 | 4681.8 | 4716.4 | 4682.6 | 4562.9 | 4360.6 | 4068.5 | 4503.1 | 5254.9 | *5288.0* | 5015.6 |
| 42.5° | 4796.7 | 4776.3 | 4833.7 | 4834.5 | 4734.5 | 4603.8 | 4297.6 | 4766.0 | 5741.4 | *5815.4* | 5495.8 |
| 45° | 4827.4 | 4820.3 | 4906.9 | 4925.0 | 4886.5 | 4744.8 | 4503.9 | 5052.6 | 6265.7 | *6398.0* | 6042.9 |
| 47.5° | 4794.4 | 4781.0 | 4900.6 | 4967.6 | 4998.3 | 4810.9 | 4674.7 | 5362.8 | 6801.1 | *6994.7* | 6639.7 |
| 50° | 4627.5 | 4601.5 | 4779.4 | 4920.3 | 5029.8 | 4854.2 | 4847.1 | 5721.0 | 7409.6 | *7621.4* | 7239.6 |
| 52.5° | 4327.5 | 4307.8 | 4510.2 | 4755.0 | 4960.5 | 4875.5 | 5040.8 | 6112.2 | 7987.5 | *8261.4* | 7854.4 |
| 55° | 3944.1 | 3918.2 | 4140.9 | 4460.6 | 4788.1 | 4868.4 | 5234.4 | 6549.9 | 8669.2 | *8947.1* | 8489.7 |
| 57.5° | 3336.4 | 3284.4 | 3566.3 | 3944.1 | 4507.0 | 4859.7 | 5436.0 | 6985.3 | 9362.0 | *9695.0* | 9167.5 |
| 60° | 2449.9 | 2372.8 | 2718.4 | 3166.3 | 3957.5 | 4775.5 | 5685.5 | 7473.4 | 10193.3 | *10493.3* | 9907.6 |
| 62.5° | 1426.5 | 1381.6 | 1607.6 | 2025.6 | 2982.9 | 4279.5 | 5825.7 | 8041.0 | 11010.5 | *11325.4* | 10635.0 |
| 65° | 1107.7 | 1095.1 | 1114.7 | 1147.0 | 1660.3 | 3204.1 | 5393.5 | 8594.4 | 12049.7 | *12270.1* | 11393.1 |
| 67.5° | 1013.2 | 1003.7 | 1012.4 | 951.8 | 842.4 | 1784.7 | 4266.9 | 8734.6 | 13162.9 | *13296.7* | 12056.8 |
| 70° | 900.6 | 889.6 | 917.9 | 866.0 | 662.9 | 811.7 | 2757.0 | 8226.0 | 14048.5 | *14299.6* | 12561.4 |
| 72.5° | *733.7* | *721.1* | *787.3* | *763.6* | *558.2* | *521.2* | *1384.8* | *7017.6* | *13955.6* | *14476.8* | *12200.0* |
| 75° | 563.7 | 556.6 | 635.3 | 655.0 | 455.0 | 410.2 | 664.4 | 5216.3 | 12281.1 | *12806.2* | 10514.5 |
| 77.5° | 437.7 | 432.2 | 472.4 | 544.0 | 366.9 | 318.0 | 408.6 | 3308.8 | 9254.9 | *9347.0* | 7245.9 |
| 80° | 328.3 | 312.5 | 349.5 | 421.2 | 285.8 | 232.2 | 277.1 | 1929.6 | 5850.1 | *5302.9* | 3153.7 |
| 82.5° | 205.5 | 197.6 | 228.3 | 281.0 | 201.5 | 159.8 | 180.3 | 1065.9 | 2344.4 | *1380.8* | 608.5 |
| 85° | 117.3 | 114.2 | 124.4 | 160.6 | 109.4 | 92.1 | 103.1 | 470.8 | 428.3 | *294.4* | 183.4 |
| 87.5° | 47.2 | 45.7 | 56.7 | 71.6 | 40.1 | 33.9 | 36.2 | 113.4 | 94.5 | *87.4* | 60.6 |
| 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° | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 | 2987.6 |
| 2.5° | 2996.3 | 2996.3 | 2985.3 | 2967.9 | 2948.3 | 2935.7 | 2915.2 | 2909.7 | 2888.4 | 2882.1 | 2892.4 |
| 5° | 3032.5 | 3026.2 | 2992.3 | 2943.5 | 2876.6 | 2815.2 | 2747.5 | 2705.0 | 2645.2 | 2623.9 | 2639.7 |
| 7.5° | 3078.2 | 3060.8 | 3002.6 | 2895.5 | 2755.4 | 2617.6 | 2474.3 | 2365.7 | 2261.8 | 2224.8 | 2229.5 |
| 10° | 3119.9 | 3095.5 | 2996.3 | 2808.9 | 2566.4 | 2327.9 | 2099.6 | 1939.8 | 1818.6 | 1769.0 | 1780.0 |
| 12.5° | 3161.6 | 3116.7 | 2954.6 | 2664.8 | 2298.0 | 1974.4 | 1731.2 | 1606.8 | 1532.0 | 1472.2 | 1491.8 |
| 15° | 3201.0 | 3138.0 | 2890.0 | 2472.0 | 2003.6 | 1675.3 | 1495.8 | 1396.6 | 1336.8 | 1297.4 | 1304.5 |
| 17.5° | 3246.6 | 3156.1 | 2793.2 | 2227.1 | 1723.3 | 1468.2 | 1321.8 | 1262.0 | 1250.2 | 1245.4 | 1248.6 |
| 20° | 3310.4 | 3172.6 | 2665.6 | 1953.2 | 1517.0 | 1302.9 | 1227.3 | 1221.8 | 1221.0 | 1218.7 | 1226.5 |
| 22.5° | 3378.9 | 3192.3 | 2497.2 | 1704.4 | 1341.5 | 1199.8 | 1186.4 | 1175.4 | 1168.3 | 1167.5 | 1176.2 |
| 25° | 3460.0 | 3198.6 | 2286.2 | 1500.5 | 1191.9 | 1151.0 | 1135.2 | 1118.7 | 1114.0 | 1114.0 | 1118.7 |
| 27.5° | 3538.7 | 3177.3 | 2040.6 | 1323.4 | 1107.7 | 1106.1 | 1085.6 | 1080.1 | 1079.3 | 1081.7 | 1088.0 |
| 30° | 3617.4 | 3137.2 | 1796.5 | 1159.6 | 1058.9 | 1058.9 | 1051.8 | 1055.7 | 1058.9 | 1066.7 | 1072.2 |
| 32.5° | 3723.7 | 3094.7 | 1592.6 | 1038.4 | 1016.3 | 1008.5 | 1015.6 | 1023.4 | 1026.6 | 1036.8 | 1045.5 |
| 35° | 3879.6 | 3064.8 | 1430.4 | 972.3 | 972.3 | 962.0 | 966.0 | 964.4 | 957.3 | 952.6 | 963.6 |
| 37.5° | 4085.8 | 3063.2 | 1296.6 | 941.6 | 935.3 | 933.7 | 934.5 | 924.2 | 896.7 | 863.6 | 864.4 |
| 40° | 4333.8 | 3105.7 | 1193.5 | 920.3 | 915.6 | 925.0 | 920.3 | 892.7 | 817.2 | 759.7 | 758.1 |
| 42.5° | 4666.8 | 3226.9 | 1127.3 | 894.3 | 908.5 | 920.3 | 901.4 | 806.1 | 755.0 | 716.4 | 714.8 |
| 45° | 5058.9 | 3423.8 | 1093.5 | 866.8 | 895.1 | 909.3 | 818.0 | 776.2 | 735.3 | 688.8 | 685.7 |
| 47.5° | 5502.9 | 3671.7 | 1085.6 | 840.8 | 865.2 | 873.8 | 782.5 | 763.6 | 717.2 | 666.8 | 662.9 |
| 50° | 5986.3 | 3965.4 | 1106.9 | 810.1 | 821.9 | 792.0 | 770.7 | 753.4 | 705.4 | 655.8 | 650.3 |
| 52.5° | 6486.2 | 4288.9 | 1149.4 | 768.4 | 778.6 | 745.5 | 766.0 | 751.0 | 698.3 | 631.4 | 626.7 |
| 55° | 6977.4 | 4614.9 | 1190.3 | 719.5 | 734.5 | 703.8 | 752.6 | 741.6 | 666.0 | 590.4 | 586.5 |
| 57.5° | 7476.5 | 4939.2 | 1230.5 | 676.2 | 692.0 | 663.7 | 731.4 | 716.4 | 629.8 | 552.7 | 551.1 |
| 60° | 7995.3 | 5254.1 | 1249.4 | 634.5 | 645.5 | 626.7 | 699.1 | 673.1 | 588.9 | 514.1 | 511.7 |
| 62.5° | 8481.1 | 5516.3 | 1218.7 | 592.8 | 599.9 | 592.0 | 656.6 | 621.9 | 547.9 | 470.8 | 470.0 |
| 65° | 8968.4 | 5672.1 | 1124.2 | 551.9 | 553.4 | 549.5 | 596.7 | 566.8 | 499.9 | 433.0 | 428.3 |
| 67.5° | 9410.0 | 5759.5 | 973.8 | 507.8 | 503.8 | 502.3 | 540.8 | 507.0 | 453.5 | 395.2 | 390.5 |
| 70° | 9503.7 | 5537.5 | 744.0 | 455.8 | 455.8 | 451.9 | 479.4 | 444.8 | 402.3 | 355.1 | 353.5 |
| 72.5° | *8680.2* | *4658.2* | *528.2* | *396.8* | *403.1* | *395.2* | *418.0* | *388.9* | *350.3* | *318.8* | *309.4* |
| 75° | 6999.5 | 3415.9 | 384.2 | 336.2 | 347.2 | 333.8 | 355.1 | 334.6 | 301.5 | 300.7 | 270.8 |
| 77.5° | 4809.3 | 2112.2 | 278.7 | 277.1 | 285.0 | 267.7 | 292.1 | 281.0 | 251.1 | 237.8 | 222.8 |
| 80° | 2052.4 | 842.4 | 203.1 | 214.1 | 214.1 | 198.4 | 226.7 | 229.9 | 203.9 | 197.6 | 197.6 |
| 82.5° | 408.6 | 239.3 | 142.5 | 147.2 | 138.6 | 133.8 | 160.6 | 177.9 | 245.6 | 273.2 | 274.0 |
| 85° | 122.8 | 88.2 | 85.8 | 80.3 | 70.9 | 71.6 | 94.5 | 178.7 | 220.4 | 126.0 | 108.6 |
| 87.5° | 33.9 | 22.0 | 22.8 | 18.1 | 15.0 | 19.7 | 32.3 | 135.4 | 74.0 | 31.5 | 26.8 |
| 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)