

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: LUMARK

Report Number: P968409

Luminaire Tested: **NAV-SB5B-830-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P968409  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: NAV-SB5B-830-U-SLR  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(5) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

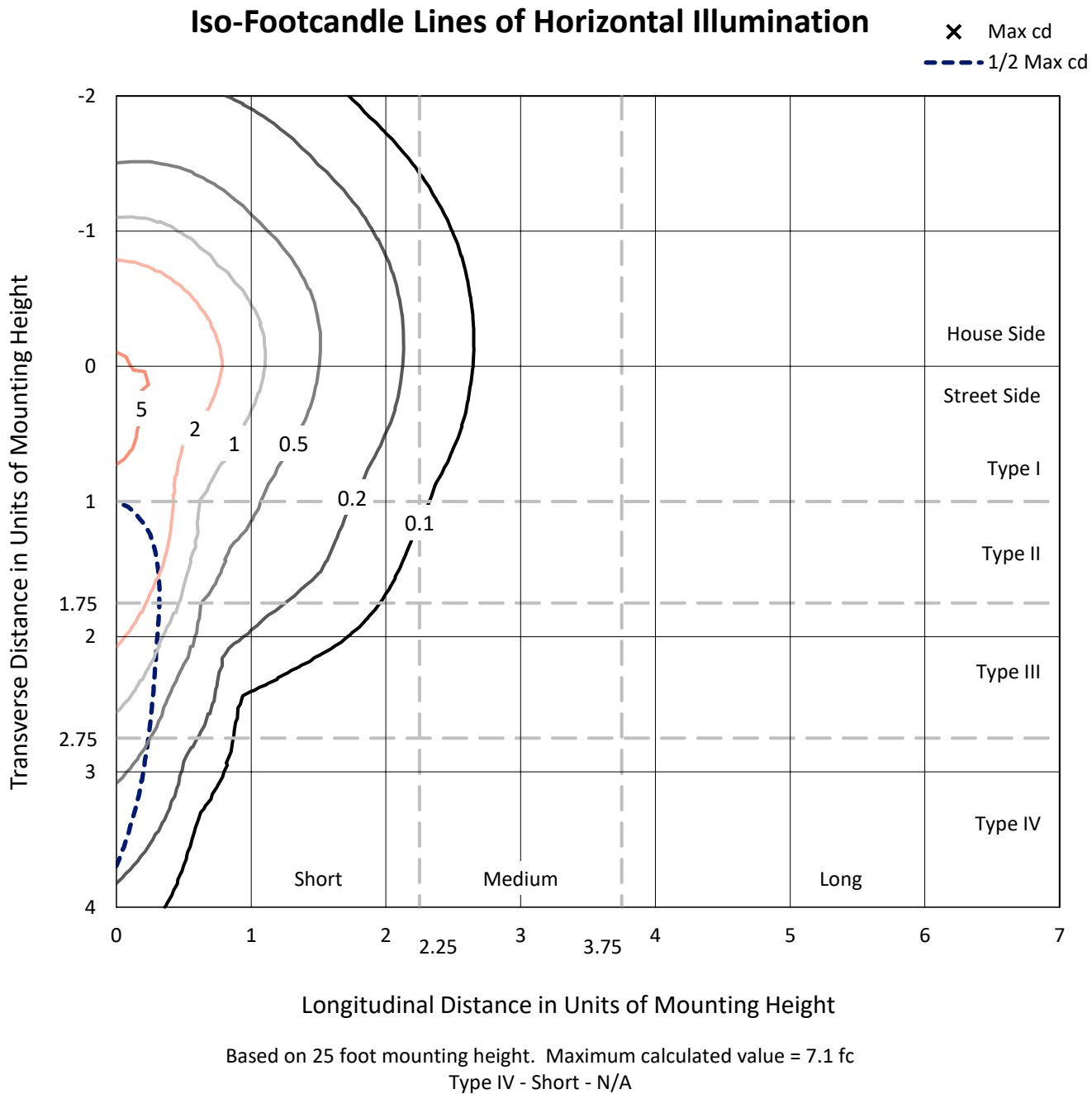
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26104.7 lumens  
Efficiency: N/A  
Efficacy: 142.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5

Input Watts (W): 182.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

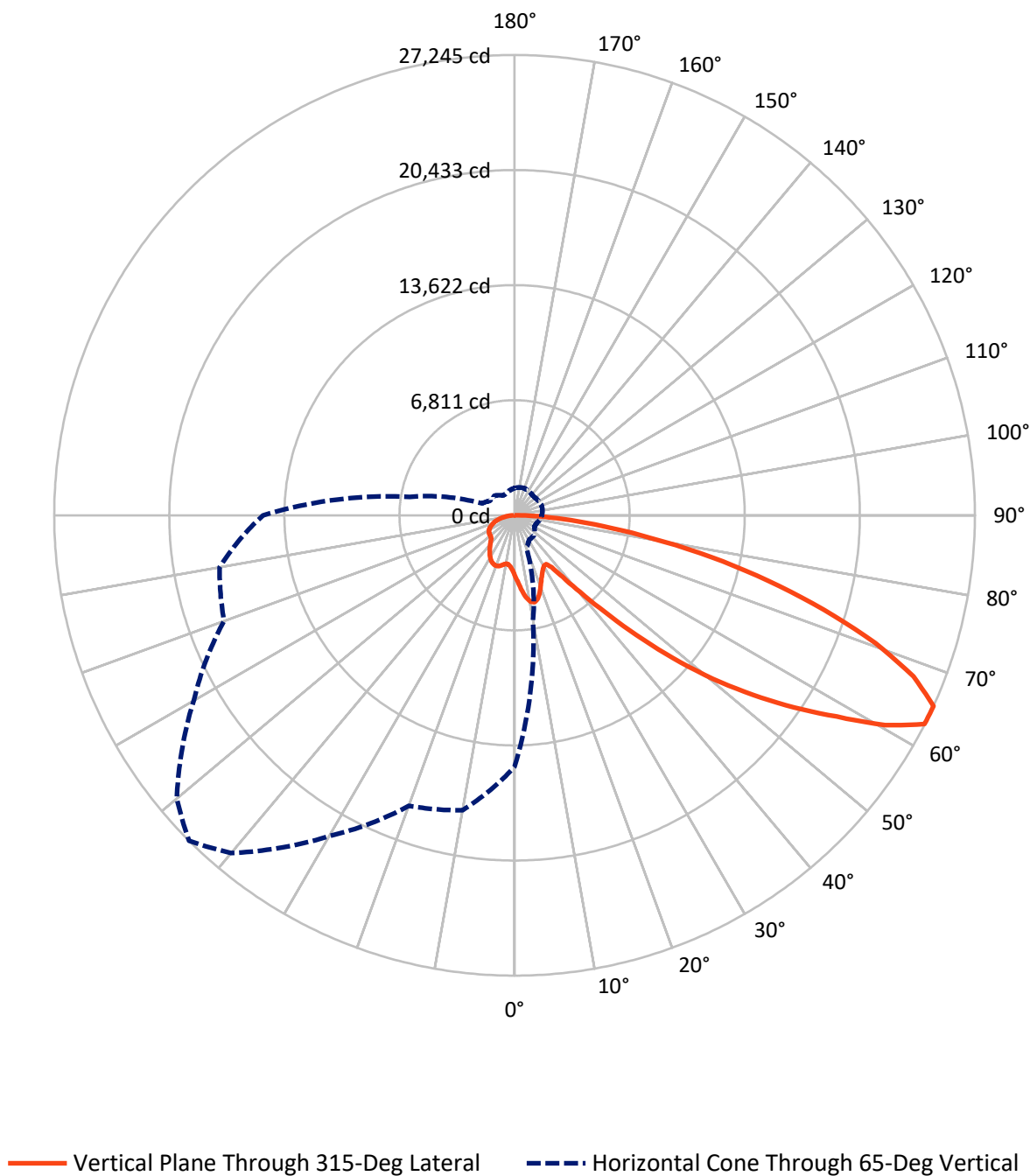


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## Luminous Intensity Polar Plot



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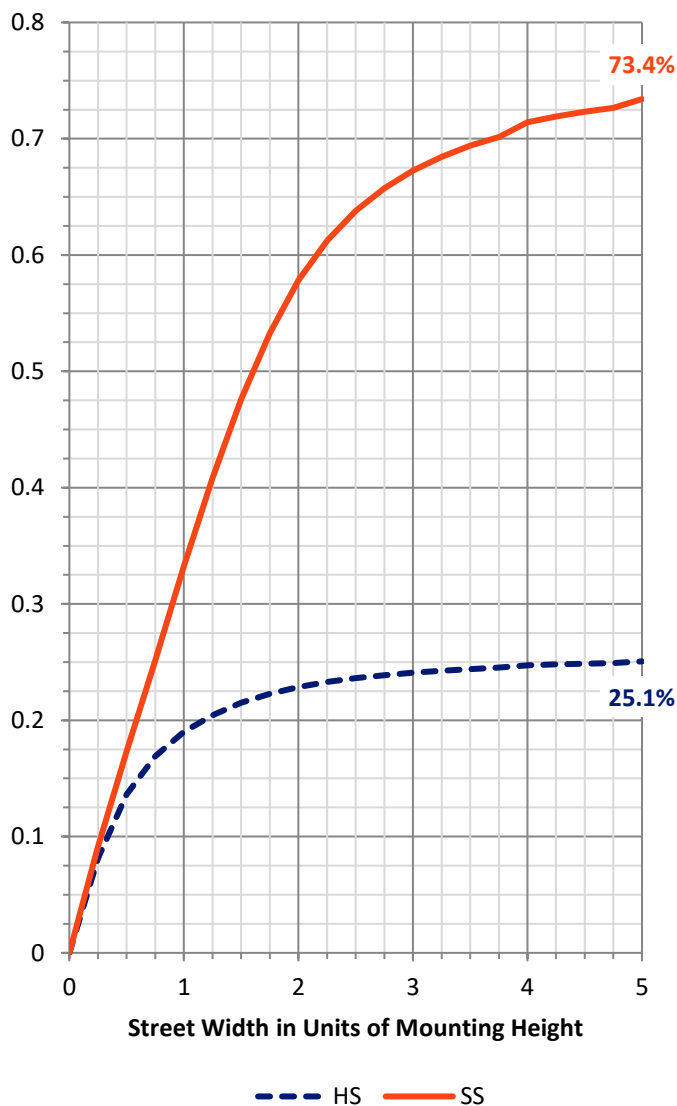
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6634.5   | 0.0    | 6634.5  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 19470.2  | 0.0    | 19470.2 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 26104.7  | 0.0    | 26104.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 356.1   | 1.4       |
| 10°-20°   | 1117.8  | 4.3       |
| 20°-30°   | 1726.7  | 6.6       |
| 30°-40°   | 2188.1  | 8.4       |
| 40°-50°   | 3300.2  | 12.6      |
| 50°-60°   | 5332.0  | 20.4      |
| 60°-70°   | 6647.2  | 25.5      |
| 70°-80°   | 4358.9  | 16.7      |
| 80°-90°   | 1077.6  | 4.1       |
| 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°    | 26104.7 | 100.0     |
| 0°-180°   | 26104.7 | 100.0     |

**Coefficient of Utilization**



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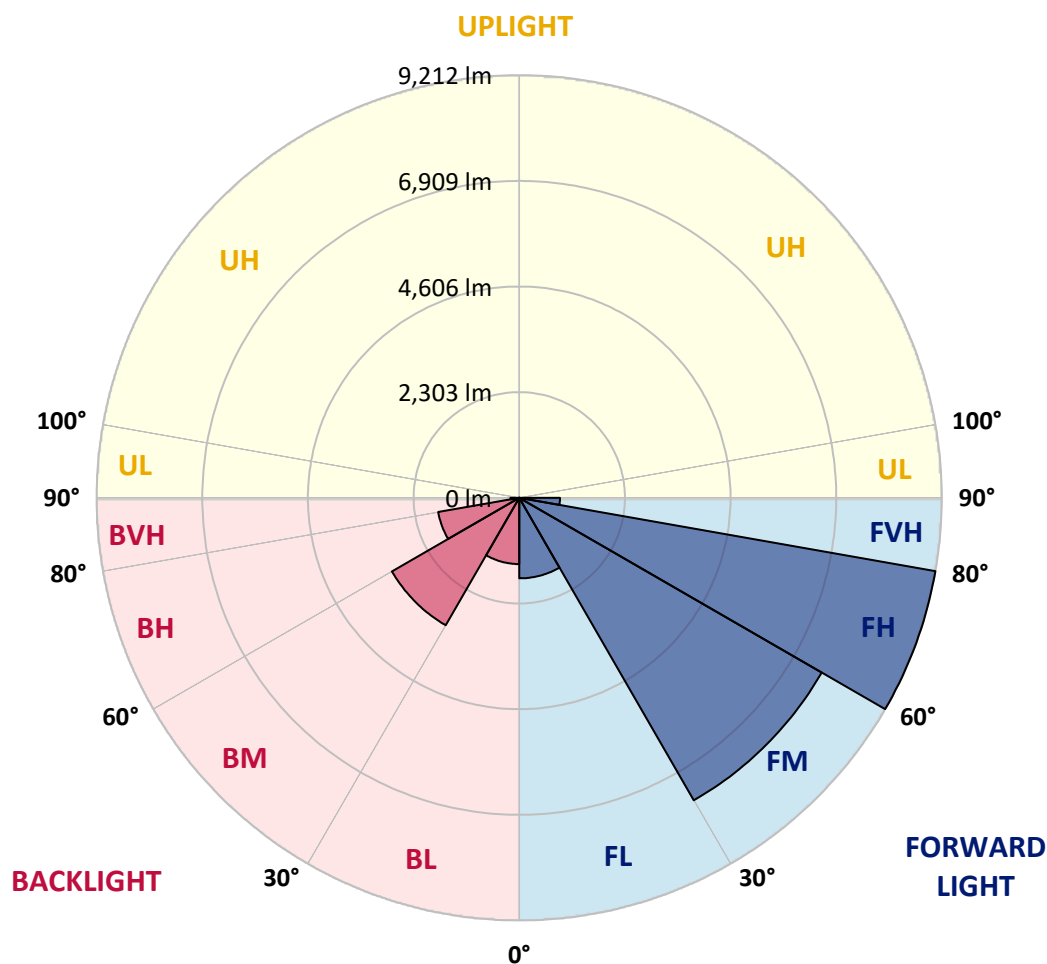
CATALOG NUMBER: NAV-SB5B-830-U-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1755.8 | 6.7       |                         |      |          |
| FM   | (30°-60°)   | 7614.2 | 29.2      |                         |      |          |
| FH   | (60°-80°)   | 9212.5 | 35.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 887.7  | 3.4       |                         |      | G5       |
| BL   | (0°-30°)    | 1444.7 | 5.5       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 3206.2 | 12.3      | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1793.7 | 6.9       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 189.9  | 0.7       |                         |      | G2/225   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3589.7  | 3589.7  | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 |
| 2.5°  | 3860.3  | 3830.6  | 3801.1 | 3769.5 | 3738.1 | 3706.4 | 3674.7 | 3644.5 | 3614.2 | 3584.8 | 3552.1 |
| 5°    | 4150.9  | 4085.5  | 4020.0 | 3954.8 | 3889.7 | 3824.0 | 3758.4 | 3697.1 | 3635.8 | 3577.9 | 3520.8 |
| 7.5°  | 4443.0  | 4334.9  | 4227.1 | 4127.4 | 4027.6 | 3930.6 | 3833.4 | 3747.9 | 3662.3 | 3583.4 | 3509.5 |
| 10°   | 4666.8  | 4530.3  | 4393.8 | 4262.0 | 4130.2 | 4012.4 | 3894.3 | 3793.2 | 3691.8 | 3594.5 | 3514.9 |
| 12.5° | 4803.9  | 4653.8  | 4504.0 | 4354.6 | 4205.4 | 4066.2 | 3927.1 | 3812.6 | 3698.2 | 3595.8 | 3521.9 |
| 15°   | 4887.2  | 4730.8  | 4574.5 | 4412.5 | 4250.5 | 4090.4 | 3930.2 | 3797.6 | 3665.1 | 3551.7 | 3492.5 |
| 17.5° | 4934.0  | 4775.5  | 4616.9 | 4440.2 | 4263.5 | 4077.6 | 3891.5 | 3732.2 | 3572.8 | 3439.5 | 3403.0 |
| 20°   | 4985.7  | 4820.9  | 4656.1 | 4461.8 | 4267.6 | 4042.3 | 3816.9 | 3619.4 | 3421.9 | 3266.6 | 3256.9 |
| 22.5° | 5045.6  | 4877.3  | 4708.7 | 4491.0 | 4273.1 | 3999.0 | 3724.8 | 3487.0 | 3249.1 | 3072.4 | 3091.3 |
| 25°   | 5122.7  | 4957.7  | 4792.8 | 4543.9 | 4294.9 | 3956.3 | 3617.8 | 3339.2 | 3060.6 | 2879.5 | 2930.5 |
| 27.5° | 5227.4  | 5070.1  | 4912.6 | 4626.5 | 4340.4 | 3927.8 | 3515.2 | 3204.0 | 2893.0 | 2728.0 | 2790.0 |
| 30°   | 5368.5  | 5216.5  | 5064.6 | 4733.6 | 4402.6 | 3914.4 | 3426.0 | 3091.1 | 2756.2 | 2617.8 | 2666.4 |
| 32.5° | 5535.3  | 5384.7  | 5234.3 | 4845.3 | 4456.3 | 3897.9 | 3339.2 | 2993.7 | 2648.1 | 2536.6 | 2558.2 |
| 35°   | 5737.7  | 5593.6  | 5449.4 | 4972.6 | 4495.8 | 3866.8 | 3238.1 | 2898.0 | 2557.9 | 2464.9 | 2456.0 |
| 37.5° | 6078.7  | 5894.9  | 5711.2 | 5115.2 | 4519.1 | 3813.4 | 3107.8 | 2785.3 | 2462.9 | 2381.6 | 2348.8 |
| 40°   | 6593.8  | 6326.1  | 6058.3 | 5296.2 | 4533.9 | 3740.0 | 2946.4 | 2650.9 | 2355.4 | 2281.8 | 2231.4 |
| 42.5° | 7277.1  | 6890.6  | 6504.0 | 5533.0 | 4561.9 | 3664.3 | 2767.0 | 2502.5 | 2238.1 | 2170.1 | 2106.8 |
| 45°   | 8120.8  | 7599.4  | 7078.0 | 5844.4 | 4611.0 | 3593.9 | 2577.0 | 2345.0 | 2113.0 | 2044.2 | 1982.9 |
| 47.5° | 9175.8  | 8442.1  | 7708.2 | 6176.4 | 4644.8 | 3535.7 | 2426.8 | 2220.3 | 2013.8 | 1925.0 | 1872.3 |
| 50°   | 10558.8 | 9452.6  | 8346.2 | 6484.5 | 4622.8 | 3472.4 | 2322.1 | 2137.5 | 1952.9 | 1836.2 | 1774.8 |
| 52.5° | 12146.4 | 10514.0 | 8881.7 | 6684.4 | 4487.0 | 3365.4 | 2243.8 | 2083.0 | 1922.2 | 1787.9 | 1702.2 |
| 55°   | 13836.5 | 11455.1 | 9073.9 | 6640.4 | 4206.7 | 3188.0 | 2169.2 | 2043.4 | 1917.7 | 1792.7 | 1663.7 |
| 57.5° | 15373.7 | 12122.1 | 8870.5 | 6330.2 | 3790.0 | 2937.9 | 2085.5 | 1996.6 | 1907.7 | 1797.5 | 1640.5 |
| 60°   | 16302.7 | 12288.7 | 8274.6 | 5752.9 | 3231.2 | 2613.0 | 1994.9 | 1925.0 | 1855.1 | 1782.4 | 1618.8 |
| 62.5° | 15831.0 | 11586.9 | 7342.9 | 4972.3 | 2601.8 | 2224.2 | 1846.8 | 1800.4 | 1754.2 | 1745.3 | 1593.5 |
| 65°   | 14886.7 | 10593.9 | 6301.1 | 4175.8 | 2050.7 | 1874.5 | 1698.4 | 1676.5 | 1654.6 | 1655.7 | 1540.0 |
| 67.5° | 13621.5 | 9412.3  | 5202.9 | 3395.7 | 1588.4 | 1538.4 | 1488.3 | 1500.6 | 1512.7 | 1509.7 | 1444.6 |
| 70°   | 12101.6 | 8122.8  | 4144.1 | 2673.6 | 1203.2 | 1217.5 | 1231.7 | 1288.4 | 1345.1 | 1345.1 | 1323.7 |
| 72.5° | 10290.2 | 6724.9  | 3159.9 | 2044.0 | 928.1  | 971.2  | 1014.4 | 1094.9 | 1175.3 | 1188.7 | 1189.0 |
| 75°   | 7998.8  | 5122.5  | 2246.3 | 1483.5 | 720.7  | 759.8  | 798.9  | 889.0  | 979.1  | 1041.3 | 1036.1 |
| 77.5° | 5715.0  | 3585.3  | 1455.7 | 1005.2 | 554.8  | 581.4  | 608.1  | 695.6  | 783.1  | 885.7  | 882.9  |
| 80°   | 3740.4  | 2309.9  | 879.4  | 647.7  | 415.9  | 427.0  | 438.0  | 512.1  | 586.1  | 708.7  | 708.3  |
| 82.5° | 2174.3  | 1336.9  | 499.7  | 398.3  | 297.2  | 299.2  | 301.3  | 356.0  | 410.5  | 515.2  | 520.9  |
| 85°   | 956.6   | 601.4   | 246.3  | 213.0  | 179.8  | 178.8  | 177.7  | 217.6  | 257.6  | 335.4  | 343.0  |
| 87.5° | 296.1   | 197.0   | 97.8   | 88.3   | 78.8   | 77.8   | 76.9   | 93.1   | 109.5  | 141.9  | 151.5  |
| 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 |
| 2.5°  | 3525.7 | 3499.4 | 3475.6 | 3451.9 | 3431.1 | 3410.3 | 3389.4 | 3368.6 | 3352.5 | 3336.2 | 3323.0 |
| 5°    | 3470.9 | 3420.8 | 3379.0 | 3337.3 | 3300.4 | 3263.4 | 3230.0 | 3196.4 | 3170.6 | 3144.7 | 3126.7 |
| 7.5°  | 3443.1 | 3376.8 | 3321.7 | 3266.6 | 3220.1 | 3173.6 | 3132.6 | 3091.7 | 3061.0 | 3030.4 | 3008.9 |
| 10°   | 3445.0 | 3375.0 | 3319.9 | 3264.8 | 3214.8 | 3164.7 | 3118.6 | 3072.4 | 3035.7 | 2998.9 | 2975.0 |
| 12.5° | 3464.5 | 3407.5 | 3370.9 | 3334.5 | 3295.2 | 3256.0 | 3208.2 | 3160.6 | 3113.7 | 3066.9 | 3035.8 |
| 15°   | 3465.1 | 3437.8 | 3442.8 | 3447.8 | 3437.5 | 3427.4 | 3385.9 | 3344.5 | 3277.7 | 3211.1 | 3164.0 |
| 17.5° | 3413.0 | 3423.0 | 3483.1 | 3543.0 | 3575.0 | 3606.9 | 3573.4 | 3540.0 | 3451.8 | 3363.4 | 3294.0 |
| 20°   | 3303.8 | 3350.6 | 3454.9 | 3559.3 | 3626.1 | 3693.0 | 3677.5 | 3661.9 | 3561.0 | 3460.1 | 3375.0 |
| 22.5° | 3160.6 | 3229.9 | 3348.9 | 3468.1 | 3555.0 | 3641.9 | 3651.4 | 3660.6 | 3564.1 | 3467.7 | 3380.1 |
| 25°   | 3010.4 | 3090.3 | 3197.3 | 3304.5 | 3390.0 | 3475.6 | 3507.6 | 3539.3 | 3460.3 | 3381.4 | 3303.4 |
| 27.5° | 2867.1 | 2944.3 | 3032.3 | 3120.2 | 3188.8 | 3257.3 | 3292.9 | 3328.6 | 3272.2 | 3216.0 | 3155.6 |
| 30°   | 2727.6 | 2789.0 | 2862.0 | 2935.1 | 2992.0 | 3049.0 | 3077.9 | 3106.9 | 3064.0 | 3021.0 | 2977.7 |
| 32.5° | 2594.4 | 2630.7 | 2688.9 | 2747.3 | 2801.8 | 2856.6 | 2888.7 | 2920.8 | 2881.5 | 2841.9 | 2807.4 |
| 35°   | 2465.9 | 2476.0 | 2520.5 | 2564.8 | 2618.8 | 2672.9 | 2711.5 | 2750.1 | 2722.0 | 2694.0 | 2662.0 |
| 37.5° | 2337.8 | 2326.8 | 2358.7 | 2390.5 | 2444.4 | 2498.4 | 2546.1 | 2593.8 | 2580.7 | 2567.8 | 2538.5 |
| 40°   | 2206.5 | 2181.6 | 2204.6 | 2227.6 | 2279.7 | 2331.8 | 2386.6 | 2441.5 | 2444.7 | 2447.7 | 2422.8 |
| 42.5° | 2073.8 | 2040.7 | 2059.4 | 2078.3 | 2127.6 | 2177.1 | 2236.2 | 2295.5 | 2311.4 | 2327.2 | 2306.1 |
| 45°   | 1950.6 | 1918.5 | 1934.2 | 1950.2 | 1997.0 | 2043.8 | 2105.2 | 2166.7 | 2189.4 | 2212.2 | 2193.2 |
| 47.5° | 1845.2 | 1818.2 | 1833.1 | 1847.9 | 1893.7 | 1939.4 | 2000.1 | 2060.7 | 2086.8 | 2113.0 | 2099.8 |
| 50°   | 1750.9 | 1727.0 | 1750.2 | 1773.5 | 1816.7 | 1859.9 | 1914.1 | 1968.4 | 2001.9 | 2035.5 | 2034.7 |
| 52.5° | 1678.5 | 1655.0 | 1689.8 | 1724.6 | 1764.2 | 1803.8 | 1854.3 | 1905.0 | 1944.8 | 1984.6 | 1991.8 |
| 55°   | 1626.2 | 1588.9 | 1638.4 | 1687.7 | 1730.3 | 1773.0 | 1817.4 | 1861.6 | 1903.7 | 1946.1 | 1956.0 |
| 57.5° | 1586.0 | 1531.5 | 1584.6 | 1637.7 | 1688.0 | 1738.1 | 1781.9 | 1825.8 | 1868.4 | 1910.8 | 1920.8 |
| 60°   | 1548.2 | 1477.3 | 1524.0 | 1570.6 | 1628.1 | 1685.7 | 1730.2 | 1774.8 | 1817.5 | 1860.3 | 1871.2 |
| 62.5° | 1505.0 | 1416.7 | 1446.3 | 1475.9 | 1543.0 | 1610.3 | 1657.7 | 1705.3 | 1744.3 | 1783.5 | 1794.2 |
| 65°   | 1446.1 | 1352.0 | 1363.4 | 1374.7 | 1446.6 | 1518.6 | 1564.0 | 1609.6 | 1644.0 | 1678.4 | 1689.3 |
| 67.5° | 1366.4 | 1288.2 | 1284.6 | 1281.0 | 1347.5 | 1414.0 | 1457.0 | 1500.1 | 1529.8 | 1559.5 | 1570.2 |
| 70°   | 1268.0 | 1212.5 | 1200.1 | 1187.7 | 1246.0 | 1304.4 | 1341.6 | 1378.8 | 1405.7 | 1432.5 | 1442.7 |
| 72.5° | 1150.9 | 1112.7 | 1094.5 | 1076.5 | 1122.5 | 1168.4 | 1201.9 | 1235.5 | 1261.9 | 1288.2 | 1300.3 |
| 75°   | 1006.8 | 977.3  | 959.9  | 942.5  | 976.6  | 1010.8 | 1041.2 | 1071.6 | 1095.6 | 1119.6 | 1132.2 |
| 77.5° | 859.4  | 835.8  | 818.2  | 800.5  | 828.4  | 856.1  | 882.2  | 908.5  | 933.7  | 958.7  | 970.6  |
| 80°   | 688.6  | 668.7  | 654.1  | 639.1  | 662.3  | 685.3  | 707.4  | 729.4  | 748.5  | 767.5  | 783.2  |
| 82.5° | 511.3  | 501.6  | 491.2  | 480.7  | 478.8  | 476.8  | 469.1  | 461.5  | 502.2  | 542.9  | 569.7  |
| 85°   | 332.6  | 322.4  | 310.6  | 298.9  | 288.9  | 278.9  | 257.6  | 236.3  | 274.4  | 312.7  | 345.7  |
| 87.5° | 147.4  | 143.3  | 141.0  | 138.9  | 138.5  | 138.1  | 121.8  | 105.4  | 121.4  | 137.5  | 150.9  |
| 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):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 |
| 2.5°  | 3310.0 | 3299.8 | 3289.6 | 3280.2 | 3270.8 | 3259.0 | 3270.8 | 3280.2 | 3289.6 | 3299.8 | 3310.0 |
| 5°    | 3108.6 | 3095.8 | 3083.0 | 3073.3 | 3063.4 | 3053.8 | 3063.4 | 3073.3 | 3083.0 | 3095.8 | 3108.6 |
| 7.5°  | 2987.4 | 2972.7 | 2958.0 | 2949.2 | 2940.5 | 2934.0 | 2940.5 | 2949.2 | 2958.0 | 2972.7 | 2987.4 |
| 10°   | 2950.8 | 2936.8 | 2922.9 | 2915.5 | 2908.0 | 2905.1 | 2908.0 | 2915.5 | 2922.9 | 2936.8 | 2950.8 |
| 12.5° | 3004.9 | 2989.3 | 2973.9 | 2967.6 | 2961.2 | 2960.1 | 2961.2 | 2967.6 | 2973.9 | 2989.3 | 3004.9 |
| 15°   | 3116.9 | 3095.3 | 3073.8 | 3065.5 | 3057.3 | 3056.5 | 3057.3 | 3065.5 | 3073.8 | 3095.3 | 3116.9 |
| 17.5° | 3224.5 | 3192.7 | 3160.6 | 3150.0 | 3139.5 | 3137.8 | 3139.5 | 3150.0 | 3160.6 | 3192.7 | 3224.5 |
| 20°   | 3290.0 | 3249.1 | 3208.0 | 3195.0 | 3181.9 | 3177.8 | 3181.9 | 3195.0 | 3208.0 | 3249.1 | 3290.0 |
| 22.5° | 3292.4 | 3249.2 | 3206.0 | 3191.5 | 3177.1 | 3170.8 | 3177.1 | 3191.5 | 3206.0 | 3249.2 | 3292.4 |
| 25°   | 3225.7 | 3188.3 | 3151.0 | 3137.2 | 3123.8 | 3115.8 | 3123.8 | 3137.2 | 3151.0 | 3188.3 | 3225.7 |
| 27.5° | 3095.1 | 3070.1 | 3044.9 | 3038.6 | 3032.5 | 3030.4 | 3032.5 | 3038.6 | 3044.9 | 3070.1 | 3095.1 |
| 30°   | 2934.3 | 2921.5 | 2908.4 | 2908.4 | 2908.4 | 2910.6 | 2908.4 | 2908.4 | 2908.4 | 2921.5 | 2934.3 |
| 32.5° | 2772.8 | 2764.4 | 2756.0 | 2757.0 | 2758.4 | 2760.4 | 2758.4 | 2757.0 | 2756.0 | 2764.4 | 2772.8 |
| 35°   | 2630.3 | 2617.4 | 2604.7 | 2602.0 | 2599.2 | 2597.9 | 2599.2 | 2602.0 | 2604.7 | 2617.4 | 2630.3 |
| 37.5° | 2509.0 | 2485.7 | 2462.6 | 2450.4 | 2438.1 | 2431.2 | 2438.1 | 2450.4 | 2462.6 | 2485.7 | 2509.0 |
| 40°   | 2397.9 | 2364.0 | 2330.3 | 2307.5 | 2284.9 | 2271.4 | 2284.9 | 2307.5 | 2330.3 | 2364.0 | 2397.9 |
| 42.5° | 2285.1 | 2243.2 | 2201.2 | 2168.0 | 2134.8 | 2113.0 | 2134.8 | 2168.0 | 2201.2 | 2243.2 | 2285.1 |
| 45°   | 2174.3 | 2126.3 | 2078.3 | 2039.3 | 2000.3 | 1975.3 | 2000.3 | 2039.3 | 2078.3 | 2126.3 | 2174.3 |
| 47.5° | 2086.6 | 2043.8 | 2001.1 | 1965.0 | 1929.2 | 1905.0 | 1929.2 | 1965.0 | 2001.1 | 2043.8 | 2086.6 |
| 50°   | 2034.2 | 2000.1 | 1965.8 | 1932.5 | 1899.2 | 1876.1 | 1899.2 | 1932.5 | 1965.8 | 2000.1 | 2034.2 |
| 52.5° | 1999.0 | 1971.1 | 1943.3 | 1913.4 | 1883.6 | 1862.3 | 1883.6 | 1913.4 | 1943.3 | 1971.1 | 1999.0 |
| 55°   | 1965.8 | 1941.7 | 1917.4 | 1891.2 | 1865.1 | 1845.8 | 1865.1 | 1891.2 | 1917.4 | 1941.7 | 1965.8 |
| 57.5° | 1930.9 | 1906.4 | 1881.9 | 1856.0 | 1829.9 | 1809.9 | 1829.9 | 1856.0 | 1881.9 | 1906.4 | 1930.9 |
| 60°   | 1882.3 | 1858.3 | 1834.4 | 1807.8 | 1781.0 | 1760.3 | 1781.0 | 1807.8 | 1834.4 | 1858.3 | 1882.3 |
| 62.5° | 1804.7 | 1783.1 | 1761.5 | 1733.4 | 1705.3 | 1680.5 | 1705.3 | 1733.4 | 1761.5 | 1783.1 | 1804.7 |
| 65°   | 1700.1 | 1679.3 | 1658.4 | 1631.2 | 1604.0 | 1582.7 | 1604.0 | 1631.2 | 1658.4 | 1679.3 | 1700.1 |
| 67.5° | 1580.7 | 1561.5 | 1542.4 | 1517.1 | 1491.8 | 1472.5 | 1491.8 | 1517.1 | 1542.4 | 1561.5 | 1580.7 |
| 70°   | 1452.9 | 1437.4 | 1421.8 | 1397.6 | 1373.3 | 1351.3 | 1373.3 | 1397.6 | 1421.8 | 1437.4 | 1452.9 |
| 72.5° | 1312.4 | 1299.5 | 1286.6 | 1263.4 | 1240.4 | 1219.0 | 1240.4 | 1263.4 | 1286.6 | 1299.5 | 1312.4 |
| 75°   | 1144.9 | 1138.6 | 1132.2 | 1112.8 | 1093.4 | 1073.1 | 1093.4 | 1112.8 | 1132.2 | 1138.6 | 1144.9 |
| 77.5° | 982.4  | 973.5  | 964.5  | 944.9  | 925.4  | 909.1  | 925.4  | 944.9  | 964.5  | 973.5  | 982.4  |
| 80°   | 798.9  | 795.1  | 791.3  | 765.1  | 738.6  | 708.0  | 738.6  | 765.1  | 791.3  | 795.1  | 798.9  |
| 82.5° | 596.4  | 594.8  | 593.0  | 570.8  | 548.5  | 528.9  | 548.5  | 570.8  | 593.0  | 594.8  | 596.4  |
| 85°   | 378.8  | 376.1  | 373.3  | 356.0  | 338.6  | 320.9  | 338.6  | 356.0  | 373.3  | 376.1  | 378.8  |
| 87.5° | 164.2  | 160.9  | 157.3  | 148.5  | 139.4  | 130.9  | 139.4  | 148.5  | 157.3  | 160.9  | 164.2  |
| 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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CATALOG NUMBER: NAV-SB5B-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 |
| 2.5°  | 3323.0 | 3336.2 | 3352.5 | 3368.6 | 3389.4 | 3410.3 | 3431.1 | 3451.9 | 3475.6 | 3499.4 | 3525.7 |
| 5°    | 3126.7 | 3144.7 | 3170.6 | 3196.4 | 3230.0 | 3263.4 | 3300.4 | 3337.3 | 3379.0 | 3420.8 | 3470.9 |
| 7.5°  | 3008.9 | 3030.4 | 3061.0 | 3091.7 | 3132.6 | 3173.6 | 3220.1 | 3266.6 | 3321.7 | 3376.8 | 3443.1 |
| 10°   | 2975.0 | 2998.9 | 3035.7 | 3072.4 | 3118.6 | 3164.7 | 3214.8 | 3264.8 | 3319.9 | 3375.0 | 3445.0 |
| 12.5° | 3035.8 | 3066.9 | 3113.7 | 3160.6 | 3208.2 | 3256.0 | 3295.2 | 3334.5 | 3370.9 | 3407.5 | 3464.5 |
| 15°   | 3164.0 | 3211.1 | 3277.7 | 3344.5 | 3385.9 | 3427.4 | 3437.5 | 3447.8 | 3442.8 | 3437.8 | 3465.1 |
| 17.5° | 3294.0 | 3363.4 | 3451.8 | 3540.0 | 3573.4 | 3606.9 | 3575.0 | 3543.0 | 3483.1 | 3423.0 | 3413.0 |
| 20°   | 3375.0 | 3460.1 | 3561.0 | 3661.9 | 3677.5 | 3693.0 | 3626.1 | 3559.3 | 3454.9 | 3350.6 | 3303.8 |
| 22.5° | 3380.1 | 3467.7 | 3564.1 | 3660.6 | 3651.4 | 3641.9 | 3555.0 | 3468.1 | 3348.9 | 3229.9 | 3160.6 |
| 25°   | 3303.4 | 3381.4 | 3460.3 | 3539.3 | 3507.6 | 3475.6 | 3390.0 | 3304.5 | 3197.3 | 3090.3 | 3010.4 |
| 27.5° | 3155.6 | 3216.0 | 3272.2 | 3328.6 | 3292.9 | 3257.3 | 3188.8 | 3120.2 | 3032.3 | 2944.3 | 2867.1 |
| 30°   | 2977.7 | 3021.0 | 3064.0 | 3106.9 | 3077.9 | 3049.0 | 2992.0 | 2935.1 | 2862.0 | 2789.0 | 2727.6 |
| 32.5° | 2807.4 | 2841.9 | 2881.5 | 2920.8 | 2888.7 | 2856.6 | 2801.8 | 2747.3 | 2688.9 | 2630.7 | 2594.4 |
| 35°   | 2662.0 | 2694.0 | 2722.0 | 2750.1 | 2711.5 | 2672.9 | 2618.8 | 2564.8 | 2520.5 | 2476.0 | 2465.9 |
| 37.5° | 2538.5 | 2567.8 | 2580.7 | 2593.8 | 2546.1 | 2498.4 | 2444.4 | 2390.5 | 2358.7 | 2326.8 | 2337.8 |
| 40°   | 2422.8 | 2447.7 | 2444.7 | 2441.5 | 2386.6 | 2331.8 | 2279.7 | 2227.6 | 2204.6 | 2181.6 | 2206.5 |
| 42.5° | 2306.1 | 2327.2 | 2311.4 | 2295.5 | 2236.2 | 2177.1 | 2127.6 | 2078.3 | 2059.4 | 2040.7 | 2073.8 |
| 45°   | 2193.2 | 2212.2 | 2189.4 | 2166.7 | 2105.2 | 2043.8 | 1997.0 | 1950.2 | 1934.2 | 1918.5 | 1950.6 |
| 47.5° | 2099.8 | 2113.0 | 2086.8 | 2060.7 | 2000.1 | 1939.4 | 1893.7 | 1847.9 | 1833.1 | 1818.2 | 1845.2 |
| 50°   | 2034.7 | 2035.5 | 2001.9 | 1968.4 | 1914.1 | 1859.9 | 1816.7 | 1773.5 | 1750.2 | 1727.0 | 1750.9 |
| 52.5° | 1991.8 | 1984.6 | 1944.8 | 1905.0 | 1854.3 | 1803.8 | 1764.2 | 1724.6 | 1689.8 | 1655.0 | 1678.5 |
| 55°   | 1956.0 | 1946.1 | 1903.7 | 1861.6 | 1817.4 | 1773.0 | 1730.3 | 1687.7 | 1638.4 | 1588.9 | 1626.2 |
| 57.5° | 1920.8 | 1910.8 | 1868.4 | 1825.8 | 1781.9 | 1738.1 | 1688.0 | 1637.7 | 1584.6 | 1531.5 | 1586.0 |
| 60°   | 1871.2 | 1860.3 | 1817.5 | 1774.8 | 1730.2 | 1685.7 | 1628.1 | 1570.6 | 1524.0 | 1477.3 | 1548.2 |
| 62.5° | 1794.2 | 1783.5 | 1744.3 | 1705.3 | 1657.7 | 1610.3 | 1543.0 | 1475.9 | 1446.3 | 1416.7 | 1505.0 |
| 65°   | 1689.3 | 1678.4 | 1644.0 | 1609.6 | 1564.0 | 1518.6 | 1446.6 | 1374.7 | 1363.4 | 1352.0 | 1446.1 |
| 67.5° | 1570.2 | 1559.5 | 1529.8 | 1500.1 | 1457.0 | 1414.0 | 1347.5 | 1281.0 | 1284.6 | 1288.2 | 1366.4 |
| 70°   | 1442.7 | 1432.5 | 1405.7 | 1378.8 | 1341.6 | 1304.4 | 1246.0 | 1187.7 | 1200.1 | 1212.5 | 1268.0 |
| 72.5° | 1300.3 | 1288.2 | 1261.9 | 1235.5 | 1201.9 | 1168.4 | 1122.5 | 1076.5 | 1094.5 | 1112.7 | 1150.9 |
| 75°   | 1132.2 | 1119.6 | 1095.6 | 1071.6 | 1041.2 | 1010.8 | 976.6  | 942.5  | 959.9  | 977.3  | 1006.8 |
| 77.5° | 970.6  | 958.7  | 933.7  | 908.5  | 882.2  | 856.1  | 828.4  | 800.5  | 818.2  | 835.8  | 859.4  |
| 80°   | 783.2  | 767.5  | 748.5  | 729.4  | 707.4  | 685.3  | 662.3  | 639.1  | 654.1  | 668.7  | 688.6  |
| 82.5° | 569.7  | 542.9  | 502.2  | 461.5  | 469.1  | 476.8  | 478.8  | 480.7  | 491.2  | 501.6  | 511.3  |
| 85°   | 345.7  | 312.7  | 274.4  | 236.3  | 257.6  | 278.9  | 288.9  | 298.9  | 310.6  | 322.4  | 332.6  |
| 87.5° | 150.9  | 137.5  | 121.4  | 105.4  | 121.8  | 138.1  | 138.5  | 138.9  | 141.0  | 143.3  | 147.4  |
| 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):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°    | 270°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7 | 3589.7  | 3589.7  |
| 2.5°  | 3552.1 | 3584.8 | 3614.2 | 3644.5 | 3674.7 | 3706.4 | 3738.1 | 3769.5 | 3801.1 | 3830.6  | 3860.3  |
| 5°    | 3520.8 | 3577.9 | 3635.8 | 3697.1 | 3758.4 | 3824.0 | 3889.7 | 3954.8 | 4020.0 | 4085.5  | 4150.9  |
| 7.5°  | 3509.5 | 3583.4 | 3662.3 | 3747.9 | 3833.4 | 3930.6 | 4027.6 | 4127.4 | 4227.1 | 4334.9  | 4443.0  |
| 10°   | 3514.9 | 3594.5 | 3691.8 | 3793.2 | 3894.3 | 4012.4 | 4130.2 | 4262.0 | 4393.8 | 4530.3  | 4666.8  |
| 12.5° | 3521.9 | 3595.8 | 3698.2 | 3812.6 | 3927.1 | 4066.2 | 4205.4 | 4354.6 | 4504.0 | 4653.8  | 4803.9  |
| 15°   | 3492.5 | 3551.7 | 3665.1 | 3797.6 | 3930.2 | 4090.4 | 4250.5 | 4412.5 | 4574.5 | 4730.8  | 4887.2  |
| 17.5° | 3403.0 | 3439.5 | 3572.8 | 3732.2 | 3891.5 | 4077.6 | 4263.5 | 4440.2 | 4616.9 | 4775.5  | 4934.0  |
| 20°   | 3256.9 | 3266.6 | 3421.9 | 3619.4 | 3816.9 | 4042.3 | 4267.6 | 4461.8 | 4656.1 | 4820.9  | 4985.7  |
| 22.5° | 3091.3 | 3072.4 | 3249.1 | 3487.0 | 3724.8 | 3999.0 | 4273.1 | 4491.0 | 4708.7 | 4877.3  | 5045.6  |
| 25°   | 2930.5 | 2879.5 | 3060.6 | 3339.2 | 3617.8 | 3956.3 | 4294.9 | 4543.9 | 4792.8 | 4957.7  | 5122.7  |
| 27.5° | 2790.0 | 2728.0 | 2893.0 | 3204.0 | 3515.2 | 3927.8 | 4340.4 | 4626.5 | 4912.6 | 5070.1  | 5227.4  |
| 30°   | 2666.4 | 2617.8 | 2756.2 | 3091.1 | 3426.0 | 3914.4 | 4402.6 | 4733.6 | 5064.6 | 5216.5  | 5368.5  |
| 32.5° | 2558.2 | 2536.6 | 2648.1 | 2993.7 | 3339.2 | 3897.9 | 4456.3 | 4845.3 | 5234.3 | 5384.7  | 5535.3  |
| 35°   | 2456.0 | 2464.9 | 2557.9 | 2898.0 | 3238.1 | 3866.8 | 4495.8 | 4972.6 | 5449.4 | 5593.6  | 5737.7  |
| 37.5° | 2348.8 | 2381.6 | 2462.9 | 2785.3 | 3107.8 | 3813.4 | 4519.1 | 5115.2 | 5711.2 | 5894.9  | 6078.7  |
| 40°   | 2231.4 | 2281.8 | 2355.4 | 2650.9 | 2946.4 | 3740.0 | 4533.9 | 5296.2 | 6058.3 | 6326.1  | 6593.8  |
| 42.5° | 2106.8 | 2170.1 | 2238.1 | 2502.5 | 2767.0 | 3664.3 | 4561.9 | 5533.0 | 6504.0 | 6890.6  | 7277.1  |
| 45°   | 1982.9 | 2044.2 | 2113.0 | 2345.0 | 2577.0 | 3593.9 | 4611.0 | 5844.4 | 7078.0 | 7599.4  | 8120.8  |
| 47.5° | 1872.3 | 1925.0 | 2013.8 | 2220.3 | 2426.8 | 3535.7 | 4644.8 | 6176.4 | 7708.2 | 8442.1  | 9175.8  |
| 50°   | 1774.8 | 1836.2 | 1952.9 | 2137.5 | 2322.1 | 3472.4 | 4622.8 | 6484.5 | 8346.2 | 9452.6  | 10558.8 |
| 52.5° | 1702.2 | 1787.9 | 1922.2 | 2083.0 | 2243.8 | 3365.4 | 4487.0 | 6684.4 | 8881.7 | 10514.0 | 12146.4 |
| 55°   | 1663.7 | 1792.7 | 1917.7 | 2043.4 | 2169.2 | 3188.0 | 4206.7 | 6640.4 | 9073.9 | 11455.1 | 13836.5 |
| 57.5° | 1640.5 | 1797.5 | 1907.7 | 1996.6 | 2085.5 | 2937.9 | 3790.0 | 6330.2 | 8870.5 | 12122.1 | 15373.7 |
| 60°   | 1618.8 | 1782.4 | 1855.1 | 1925.0 | 1994.9 | 2613.0 | 3231.2 | 5752.9 | 8274.6 | 12288.7 | 16302.7 |
| 62.5° | 1593.5 | 1745.3 | 1754.2 | 1800.4 | 1846.8 | 2224.2 | 2601.8 | 4972.3 | 7342.9 | 11586.9 | 15831.0 |
| 65°   | 1540.0 | 1655.7 | 1654.6 | 1676.5 | 1698.4 | 1874.5 | 2050.7 | 4175.8 | 6301.1 | 10593.9 | 14886.7 |
| 67.5° | 1444.6 | 1509.7 | 1512.7 | 1500.6 | 1488.3 | 1538.4 | 1588.4 | 3395.7 | 5202.9 | 9412.3  | 13621.5 |
| 70°   | 1323.7 | 1345.1 | 1345.1 | 1288.4 | 1231.7 | 1217.5 | 1203.2 | 2673.6 | 4144.1 | 8122.8  | 12101.6 |
| 72.5° | 1189.0 | 1188.7 | 1175.3 | 1094.9 | 1014.4 | 971.2  | 928.1  | 2044.0 | 3159.9 | 6724.9  | 10290.2 |
| 75°   | 1036.1 | 1041.3 | 979.1  | 889.0  | 798.9  | 759.8  | 720.7  | 1483.5 | 2246.3 | 5122.5  | 7998.8  |
| 77.5° | 882.9  | 885.7  | 783.1  | 695.6  | 608.1  | 581.4  | 554.8  | 1005.2 | 1455.7 | 3585.3  | 5715.0  |
| 80°   | 708.3  | 708.7  | 586.1  | 512.1  | 438.0  | 427.0  | 415.9  | 647.7  | 879.4  | 2309.9  | 3740.4  |
| 82.5° | 520.9  | 515.2  | 410.5  | 356.0  | 301.3  | 299.2  | 297.2  | 398.3  | 499.7  | 1336.9  | 2174.3  |
| 85°   | 343.0  | 335.4  | 257.6  | 217.6  | 177.7  | 178.8  | 179.8  | 213.0  | 246.3  | 601.4   | 956.6   |
| 87.5° | 151.5  | 141.9  | 109.5  | 93.1   | 76.9   | 77.8   | 78.8   | 88.3   | 97.8   | 197.0   | 296.1   |
| 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):**

|       | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  |
| 2.5°  | 3874.9  | 3889.7  | 3910.5  | 3931.2  | 3943.6  | 3956.0  | 3962.2  | 3968.4  | 3965.6  | 3968.4  | 3962.2  |
| 5°    | 4202.0  | 4253.2  | 4304.0  | 4354.8  | 4382.4  | 4409.9  | 4426.6  | 4443.4  | 4456.1  | 4443.4  | 4426.6  |
| 7.5°  | 4526.2  | 4609.2  | 4684.0  | 4758.8  | 4803.9  | 4848.9  | 4873.3  | 4897.6  | 4909.2  | 4897.6  | 4873.3  |
| 10°   | 4765.1  | 4863.5  | 4951.3  | 5039.0  | 5092.1  | 5145.0  | 5168.8  | 5192.2  | 5201.3  | 5192.2  | 5168.8  |
| 12.5° | 4910.5  | 5017.0  | 5096.3  | 5175.3  | 5213.9  | 5252.5  | 5265.4  | 5278.3  | 5279.8  | 5278.3  | 5265.4  |
| 15°   | 4979.1  | 5071.1  | 5120.8  | 5170.6  | 5172.0  | 5173.4  | 5159.6  | 5145.8  | 5129.6  | 5145.8  | 5159.6  |
| 17.5° | 4996.2  | 5058.3  | 5059.2  | 5060.0  | 5004.3  | 4948.5  | 4897.3  | 4846.1  | 4810.0  | 4846.1  | 4897.3  |
| 20°   | 5007.3  | 5029.1  | 4963.7  | 4898.2  | 4775.1  | 4651.9  | 4562.3  | 4472.6  | 4417.4  | 4472.6  | 4562.3  |
| 22.5° | 5017.2  | 4988.9  | 4853.3  | 4717.8  | 4536.6  | 4355.4  | 4243.4  | 4131.3  | 4070.4  | 4131.3  | 4243.4  |
| 25°   | 5033.2  | 4943.7  | 4737.9  | 4532.0  | 4312.1  | 4092.1  | 3974.2  | 3856.6  | 3799.0  | 3856.6  | 3974.2  |
| 27.5° | 5067.4  | 4907.2  | 4634.5  | 4362.1  | 4118.2  | 3874.5  | 3758.5  | 3642.6  | 3588.2  | 3642.6  | 3758.5  |
| 30°   | 5129.9  | 4891.3  | 4555.7  | 4220.2  | 3966.2  | 3712.2  | 3604.6  | 3497.1  | 3446.4  | 3497.1  | 3604.6  |
| 32.5° | 5208.4  | 4881.7  | 4502.0  | 4122.4  | 3883.7  | 3645.0  | 3560.5  | 3476.0  | 3439.5  | 3476.0  | 3560.5  |
| 35°   | 5337.7  | 4937.8  | 4542.3  | 4146.8  | 3981.0  | 3815.3  | 3795.6  | 3775.9  | 3772.8  | 3775.9  | 3795.6  |
| 37.5° | 5608.1  | 5137.6  | 4778.0  | 4418.6  | 4407.8  | 4397.0  | 4487.1  | 4577.2  | 4624.1  | 4577.2  | 4487.1  |
| 40°   | 6082.1  | 5570.4  | 5303.0  | 5035.6  | 5224.3  | 5413.1  | 5632.1  | 5851.1  | 5960.2  | 5851.1  | 5632.1  |
| 42.5° | 6769.3  | 6261.6  | 6107.6  | 5953.6  | 6365.1  | 6776.8  | 7175.1  | 7573.4  | 7807.3  | 7573.4  | 7175.1  |
| 45°   | 7664.6  | 7208.4  | 7140.6  | 7072.5  | 7731.9  | 8391.4  | 9045.9  | 9700.7  | 10098.1 | 9700.7  | 9045.9  |
| 47.5° | 8732.2  | 8288.4  | 8274.6  | 8260.8  | 9212.1  | 10163.1 | 11121.4 | 12079.5 | 12642.1 | 12079.5 | 11121.4 |
| 50°   | 10010.8 | 9462.8  | 9465.2  | 9467.4  | 10693.4 | 11919.3 | 13184.2 | 14449.1 | 15213.9 | 14449.1 | 13184.2 |
| 52.5° | 11482.7 | 10819.2 | 10752.0 | 10684.8 | 12149.2 | 13613.5 | 15178.6 | 16743.6 | 17660.2 | 16743.6 | 15178.6 |
| 55°   | 13180.8 | 12525.1 | 12263.5 | 12001.9 | 13631.8 | 15261.4 | 17127.1 | 18992.9 | 20083.1 | 18992.9 | 17127.1 |
| 57.5° | 15016.7 | 14659.4 | 14134.7 | 13610.3 | 15255.9 | 16901.5 | 19014.8 | 21127.9 | 22479.9 | 21127.9 | 19014.8 |
| 60°   | 16857.4 | 17412.0 | 16760.5 | 16108.9 | 17666.3 | 19223.7 | 21486.3 | 23748.8 | 25210.0 | 23748.8 | 21486.3 |
| 62.5° | 17346.3 | 18861.6 | 18788.2 | 18714.7 | 20141.2 | 21568.0 | 23720.7 | 25873.3 | 27223.8 | 25873.3 | 23720.7 |
| 65°   | 16309.0 | 17731.2 | 18012.5 | 18293.9 | 20106.8 | 21919.9 | 24007.3 | 26094.6 | 27244.5 | 26094.6 | 24007.3 |
| 67.5° | 14974.2 | 16326.8 | 16458.8 | 16590.6 | 18479.6 | 20368.6 | 22464.9 | 24561.3 | 25462.0 | 24561.3 | 22464.9 |
| 70°   | 13572.7 | 15044.1 | 15103.2 | 15162.2 | 16851.5 | 18540.7 | 20344.7 | 22148.6 | 22649.3 | 22148.6 | 20344.7 |
| 72.5° | 11978.6 | 13667.0 | 13709.5 | 13751.7 | 15073.3 | 16395.1 | 17746.1 | 19097.2 | 19147.8 | 19097.2 | 17746.1 |
| 75°   | 9746.2  | 11493.6 | 11650.6 | 11807.5 | 12835.8 | 13863.9 | 14815.1 | 15766.2 | 15511.4 | 15766.2 | 14815.1 |
| 77.5° | 7346.2  | 8977.5  | 9202.0  | 9426.5  | 10208.3 | 10989.9 | 11664.5 | 12339.2 | 11901.2 | 12339.2 | 11664.5 |
| 80°   | 5112.8  | 6485.0  | 6764.1  | 7043.2  | 7633.5  | 8223.6  | 8577.9  | 8932.1  | 8227.5  | 8932.1  | 8577.9  |
| 82.5° | 3112.5  | 4050.8  | 4362.5  | 4674.4  | 5080.7  | 5487.0  | 5634.8  | 5782.5  | 5228.7  | 5782.5  | 5634.8  |
| 85°   | 1454.6  | 1952.5  | 2217.7  | 2482.9  | 2816.7  | 3150.5  | 3234.4  | 3318.2  | 2874.7  | 3318.2  | 3234.4  |
| 87.5° | 463.5   | 630.9   | 778.8   | 926.7   | 1093.7  | 1260.6  | 1267.8  | 1274.8  | 1070.3  | 1274.8  | 1267.8  |
| 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):**

|       | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  | 3589.7  |
| 2.5°  | 3956.0  | 3943.6  | 3931.2  | 3910.5  | 3889.7  | 3874.9  | 3860.3  |
| 5°    | 4409.9  | 4382.4  | 4354.8  | 4304.0  | 4253.2  | 4202.0  | 4150.9  |
| 7.5°  | 4848.9  | 4803.9  | 4758.8  | 4684.0  | 4609.2  | 4526.2  | 4443.0  |
| 10°   | 5145.0  | 5092.1  | 5039.0  | 4951.3  | 4863.5  | 4765.1  | 4666.8  |
| 12.5° | 5252.5  | 5213.9  | 5175.3  | 5096.3  | 5017.0  | 4910.5  | 4803.9  |
| 15°   | 5173.4  | 5172.0  | 5170.6  | 5120.8  | 5071.1  | 4979.1  | 4887.2  |
| 17.5° | 4948.5  | 5004.3  | 5060.0  | 5059.2  | 5058.3  | 4996.2  | 4934.0  |
| 20°   | 4651.9  | 4775.1  | 4898.2  | 4963.7  | 5029.1  | 5007.3  | 4985.7  |
| 22.5° | 4355.4  | 4536.6  | 4717.8  | 4853.3  | 4988.9  | 5017.2  | 5045.6  |
| 25°   | 4092.1  | 4312.1  | 4532.0  | 4737.9  | 4943.7  | 5033.2  | 5122.7  |
| 27.5° | 3874.5  | 4118.2  | 4362.1  | 4634.5  | 4907.2  | 5067.4  | 5227.4  |
| 30°   | 3712.2  | 3966.2  | 4220.2  | 4555.7  | 4891.3  | 5129.9  | 5368.5  |
| 32.5° | 3645.0  | 3883.7  | 4122.4  | 4502.0  | 4881.7  | 5208.4  | 5535.3  |
| 35°   | 3815.3  | 3981.0  | 4146.8  | 4542.3  | 4937.8  | 5337.7  | 5737.7  |
| 37.5° | 4397.0  | 4407.8  | 4418.6  | 4778.0  | 5137.6  | 5608.1  | 6078.7  |
| 40°   | 5413.1  | 5224.3  | 5035.6  | 5303.0  | 5570.4  | 6082.1  | 6593.8  |
| 42.5° | 6776.8  | 6365.1  | 5953.6  | 6107.6  | 6261.6  | 6769.3  | 7277.1  |
| 45°   | 8391.4  | 7731.9  | 7072.5  | 7140.6  | 7208.4  | 7664.6  | 8120.8  |
| 47.5° | 10163.1 | 9212.1  | 8260.8  | 8274.6  | 8288.4  | 8732.2  | 9175.8  |
| 50°   | 11919.3 | 10693.4 | 9467.4  | 9465.2  | 9462.8  | 10010.8 | 10558.8 |
| 52.5° | 13613.5 | 12149.2 | 10684.8 | 10752.0 | 10819.2 | 11482.7 | 12146.4 |
| 55°   | 15261.4 | 13631.8 | 12001.9 | 12263.5 | 12525.1 | 13180.8 | 13836.5 |
| 57.5° | 16901.5 | 15255.9 | 13610.3 | 14134.7 | 14659.4 | 15016.7 | 15373.7 |
| 60°   | 19223.7 | 17666.3 | 16108.9 | 16760.5 | 17412.0 | 16857.4 | 16302.7 |
| 62.5° | 21568.0 | 20141.2 | 18714.7 | 18788.2 | 18861.6 | 17346.3 | 15831.0 |
| 65°   | 21919.9 | 20106.8 | 18293.9 | 18012.5 | 17731.2 | 16309.0 | 14886.7 |
| 67.5° | 20368.6 | 18479.6 | 16590.6 | 16458.8 | 16326.8 | 14974.2 | 13621.5 |
| 70°   | 18540.7 | 16851.5 | 15162.2 | 15103.2 | 15044.1 | 13572.7 | 12101.6 |
| 72.5° | 16395.1 | 15073.3 | 13751.7 | 13709.5 | 13667.0 | 11978.6 | 10290.2 |
| 75°   | 13863.9 | 12835.8 | 11807.5 | 11650.6 | 11493.6 | 9746.2  | 7998.8  |
| 77.5° | 10989.9 | 10208.3 | 9426.5  | 9202.0  | 8977.5  | 7346.2  | 5715.0  |
| 80°   | 8223.6  | 7633.5  | 7043.2  | 6764.1  | 6485.0  | 5112.8  | 3740.4  |
| 82.5° | 5487.0  | 5080.7  | 4674.4  | 4362.5  | 4050.8  | 3112.5  | 2174.3  |
| 85°   | 3150.5  | 2816.7  | 2482.9  | 2217.7  | 1952.5  | 1454.6  | 956.6   |
| 87.5° | 1260.6  | 1093.7  | 926.7   | 778.8   | 630.9   | 463.5   | 296.1   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)