

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: STREETWORKS

Report Number: P968408

Luminaire Tested: **NVN-SB5B-830-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

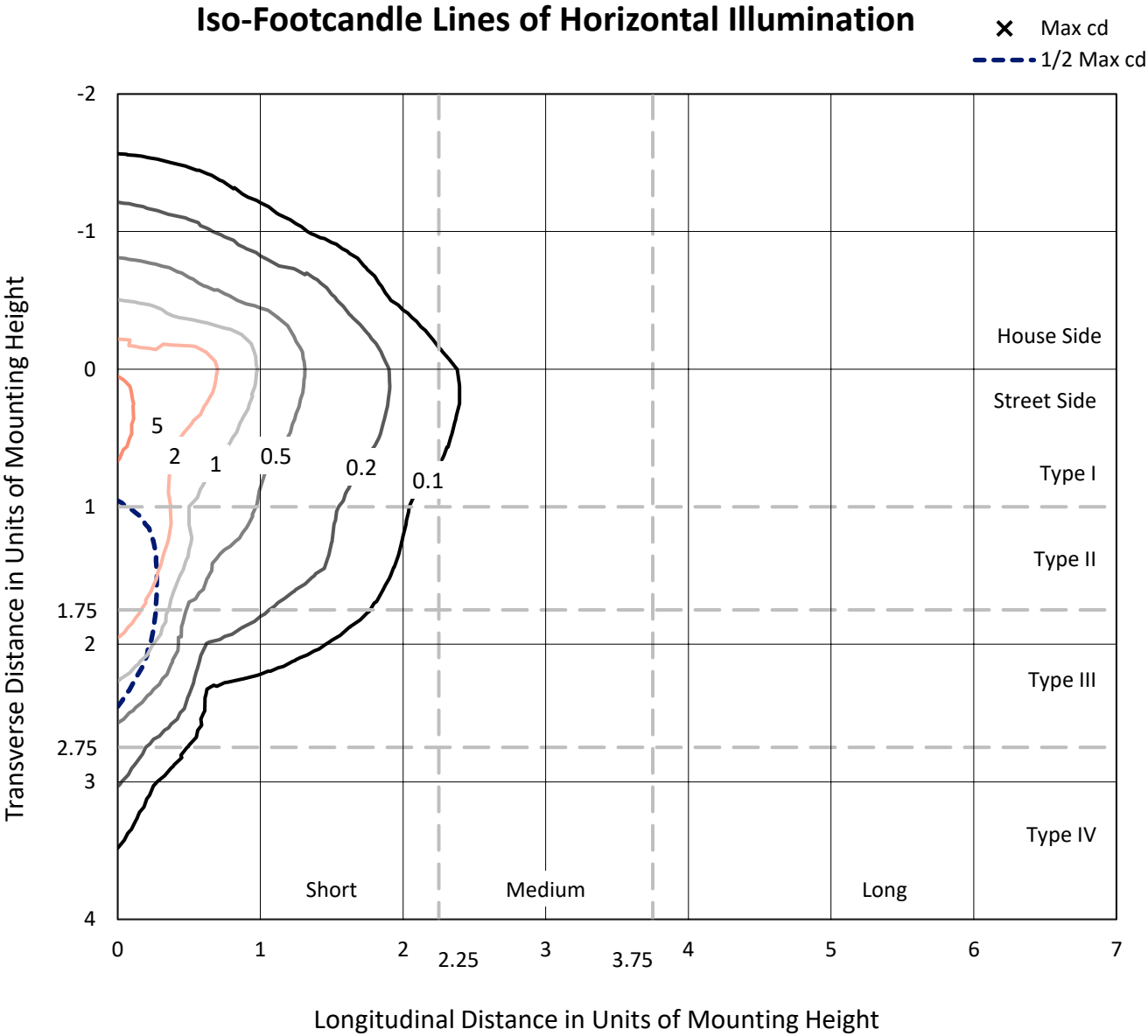
Test Method: LM-79-08  
Report Number: P968408  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: NVN-SB5B-830-U-SLR-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(5) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 19994.7 lumens  
Efficiency: N/A  
Efficacy: 109.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4  
  
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

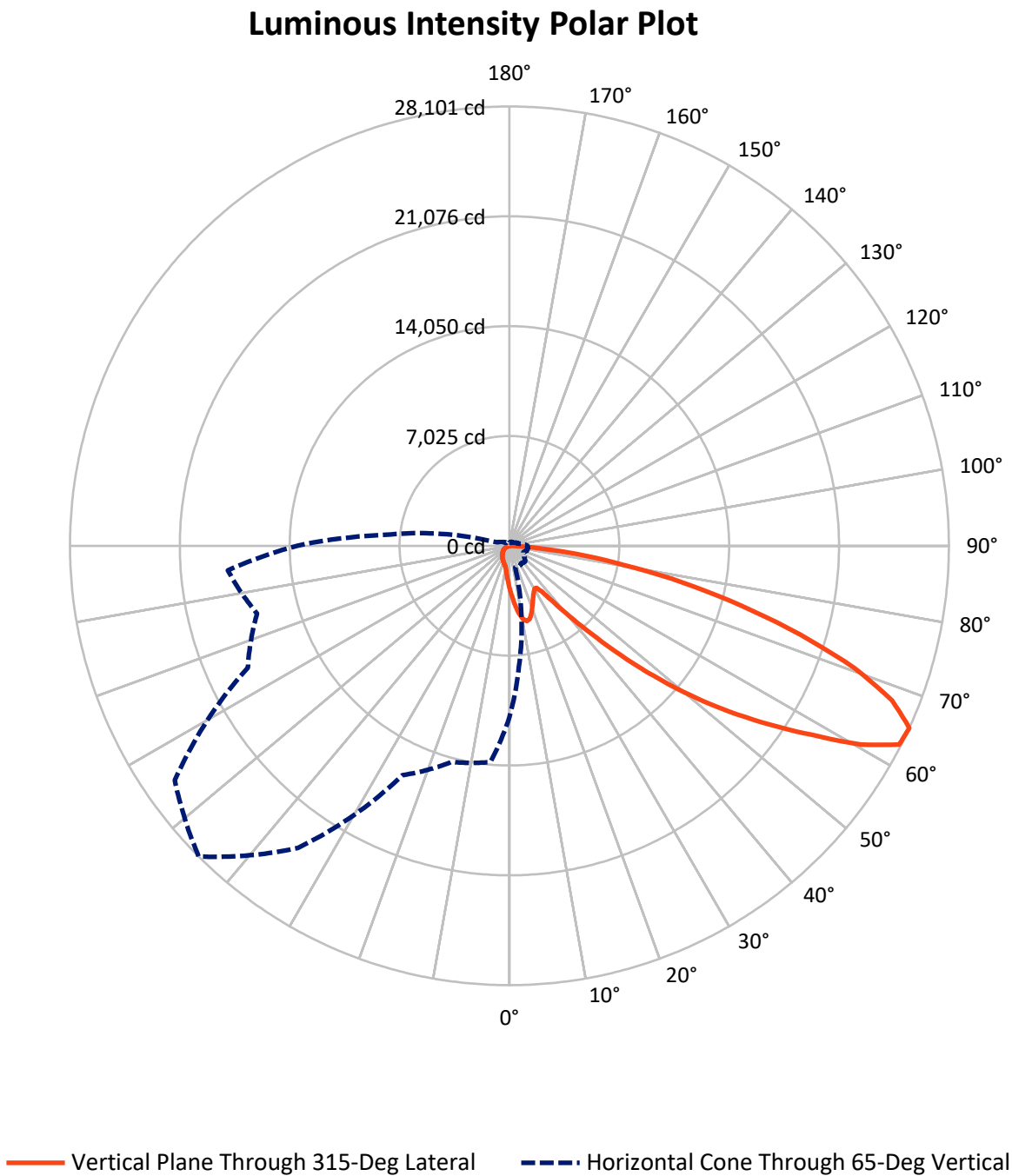


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Based on 25 foot mounting height. Maximum calculated value = 6.2 fc  
Type IV - Short - N/A

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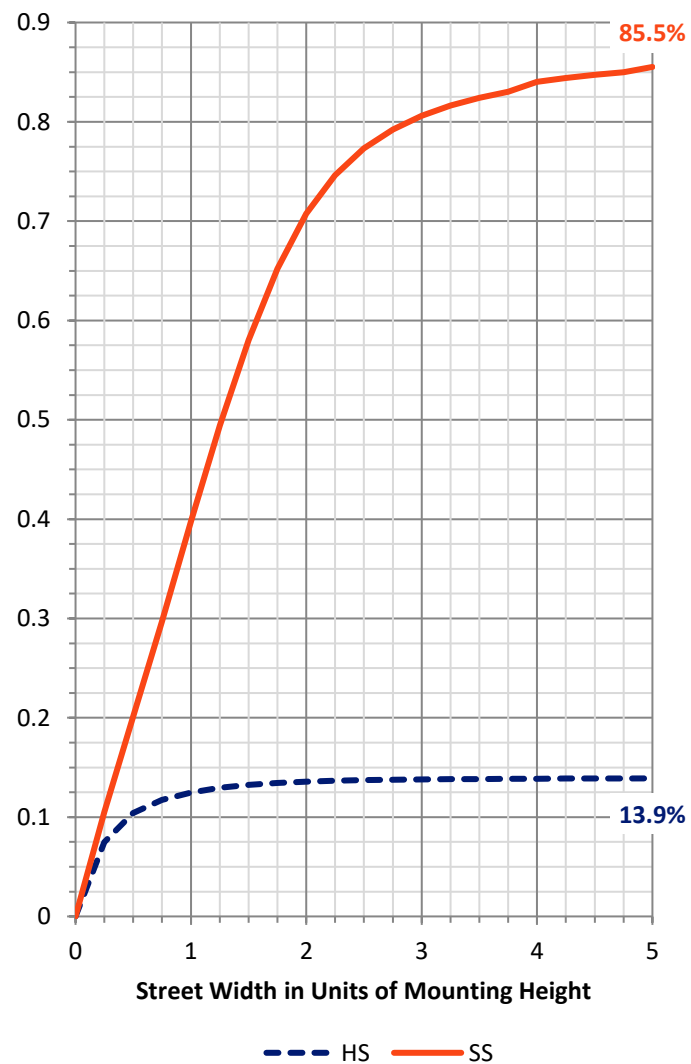
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2800.1   | 0.0    | 2800.1  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 17194.6  | 0.0    | 17194.6 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 19994.7  | 0.0    | 19994.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 272.6   | 1.4       |
| 10°-20°   | 817.1   | 4.1       |
| 20°-30°   | 1203.8  | 6.0       |
| 30°-40°   | 1546.5  | 7.7       |
| 40°-50°   | 2501.2  | 12.5      |
| 50°-60°   | 4386.1  | 21.9      |
| 60°-70°   | 5488.2  | 27.4      |
| 70°-80°   | 3207.0  | 16.0      |
| 80°-90°   | 572.2   | 2.9       |
| 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°    | 19994.7 | 100.0     |
| 0°-180°   | 19994.7 | 100.0     |

**Coefficient of Utilization**



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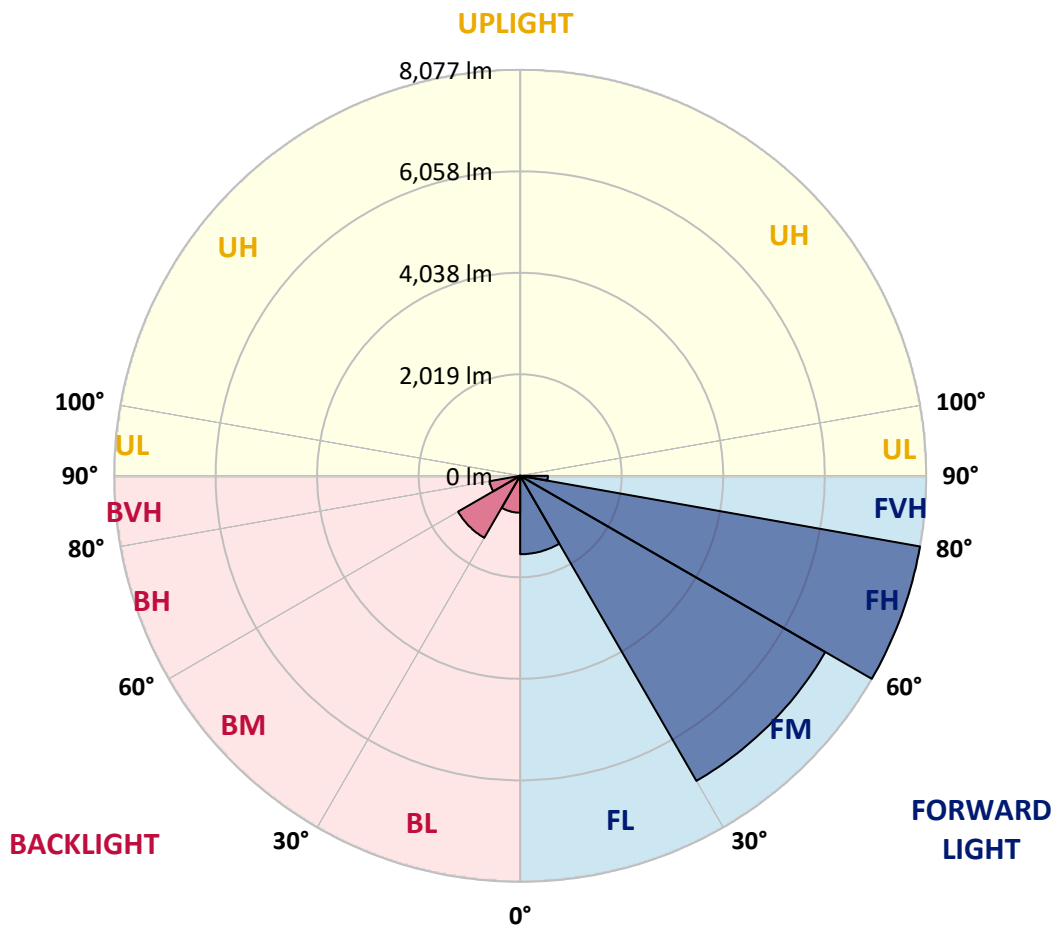
CATALOG NUMBER: NVN-SB5B-830-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1559.5 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 7007.9 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 8076.9 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 550.2  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 734.0  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1425.9 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 618.3  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 22.0   | 0.1       |                         |      | G1/100   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |          |

**BUG Rating: B2-U0-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2768.6  | 2768.6  | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 |
| 2.5°  | 3128.1  | 3074.4  | 3042.7 | 2964.2 | 2885.7 | 2822.3 | 2737.0 | 2680.5 | 2612.9 | 2548.3 | 2490.3 |
| 5°    | 3486.2  | 3399.5  | 3294.8 | 3151.6 | 3020.7 | 2887.1 | 2757.6 | 2629.5 | 2494.5 | 2370.5 | 2294.8 |
| 7.5°  | 3789.3  | 3664.0  | 3479.4 | 3289.3 | 3122.7 | 2961.4 | 2809.9 | 2640.5 | 2476.6 | 2282.4 | 2179.0 |
| 10°   | 4020.7  | 3861.0  | 3618.5 | 3369.2 | 3177.7 | 3015.1 | 2867.8 | 2724.6 | 2559.2 | 2325.1 | 2195.7 |
| 12.5° | 4161.2  | 3990.4  | 3702.5 | 3410.5 | 3191.5 | 3009.7 | 2895.3 | 2832.0 | 2767.3 | 2534.4 | 2382.9 |
| 15°   | 4264.5  | 4079.9  | 3761.7 | 3439.4 | 3159.8 | 2936.6 | 2852.7 | 2916.0 | 2990.4 | 2841.6 | 2666.7 |
| 17.5° | 4371.9  | 4177.7  | 3838.9 | 3451.8 | 3074.4 | 2794.8 | 2759.0 | 2922.9 | 3095.1 | 3088.2 | 2914.6 |
| 20°   | 4473.9  | 4281.0  | 3906.4 | 3443.6 | 2936.6 | 2622.6 | 2654.3 | 2863.6 | 3063.4 | 3147.4 | 3053.8 |
| 22.5° | 4591.0  | 4387.1  | 3971.2 | 3411.9 | 2757.6 | 2461.4 | 2560.7 | 2770.0 | 2944.9 | 3044.1 | 3015.1 |
| 25°   | 4734.2  | 4520.7  | 4062.1 | 3365.1 | 2564.8 | 2327.9 | 2465.6 | 2661.2 | 2803.1 | 2871.9 | 2870.5 |
| 27.5° | 4888.4  | 4680.5  | 4183.2 | 3340.3 | 2409.2 | 2232.8 | 2358.1 | 2531.8 | 2658.4 | 2706.6 | 2706.6 |
| 30°   | 5079.9  | 4866.4  | 4326.5 | 3312.7 | 2307.2 | 2177.7 | 2246.6 | 2381.6 | 2505.5 | 2553.8 | 2553.8 |
| 32.5° | 5289.3  | 5073.0  | 4464.2 | 3246.6 | 2245.2 | 2136.4 | 2137.7 | 2223.1 | 2336.1 | 2394.0 | 2402.2 |
| 35°   | 5551.0  | 5321.0  | 4611.6 | 3102.0 | 2195.7 | 2088.1 | 2031.7 | 2073.1 | 2166.6 | 2235.5 | 2253.5 |
| 37.5° | 5924.3  | 5646.1  | 4792.1 | 2895.3 | 2122.6 | 2013.8 | 1920.1 | 1929.8 | 2001.4 | 2077.2 | 2104.7 |
| 40°   | 6439.5  | 6082.7  | 5004.2 | 2680.5 | 2017.9 | 1909.1 | 1797.5 | 1793.4 | 1845.7 | 1920.1 | 1950.5 |
| 42.5° | 7136.5  | 6659.8  | 5259.0 | 2475.3 | 1917.4 | 1782.4 | 1668.1 | 1661.2 | 1702.5 | 1767.2 | 1798.9 |
| 45°   | 8056.6  | 7398.1  | 5571.7 | 2298.9 | 1838.8 | 1658.4 | 1545.5 | 1542.7 | 1577.2 | 1633.6 | 1666.6 |
| 47.5° | 9234.2  | 8424.4  | 5884.3 | 2179.0 | 1797.5 | 1560.7 | 1444.9 | 1450.5 | 1480.7 | 1531.7 | 1555.1 |
| 50°   | 10759.0 | 9761.8  | 5979.4 | 2118.5 | 1797.5 | 1508.3 | 1355.4 | 1382.9 | 1407.7 | 1446.3 | 1460.1 |
| 52.5° | 12586.9 | 11045.6 | 5665.4 | 2063.4 | 1808.5 | 1515.2 | 1279.6 | 1338.9 | 1356.8 | 1389.8 | 1395.3 |
| 55°   | 14281.1 | 11675.1 | 4870.6 | 1987.6 | 1811.3 | 1557.9 | 1214.9 | 1303.1 | 1336.1 | 1348.5 | 1347.2 |
| 57.5° | 15264.6 | 11458.8 | 3938.0 | 1859.6 | 1800.3 | 1586.8 | 1173.5 | 1259.0 | 1322.4 | 1330.6 | 1318.1 |
| 60°   | 15077.2 | 10699.9 | 2899.5 | 1761.8 | 1719.0 | 1575.7 | 1161.1 | 1191.5 | 1292.0 | 1304.4 | 1287.9 |
| 62.5° | 13633.7 | 9427.1  | 2012.4 | 1685.9 | 1540.0 | 1527.6 | 1157.0 | 1085.4 | 1225.9 | 1256.2 | 1232.8 |
| 65°   | 10958.8 | 7421.5  | 1421.5 | 1451.8 | 1349.9 | 1422.9 | 1135.0 | 975.2  | 1146.1 | 1187.4 | 1151.5 |
| 67.5° | 7950.5  | 5022.1  | 1026.2 | 1176.3 | 1223.1 | 1253.5 | 1085.4 | 895.3  | 1055.1 | 1110.2 | 1063.3 |
| 70°   | 5101.9  | 2712.1  | 720.4  | 776.8  | 1030.3 | 1064.8 | 1000.0 | 823.7  | 962.8  | 1026.2 | 975.2  |
| 72.5° | 3626.8  | 1602.0  | 517.9  | 544.1  | 827.8  | 887.0  | 880.2  | 743.8  | 855.4  | 932.5  | 871.9  |
| 75°   | 2502.7  | 882.9   | 349.8  | 388.5  | 600.5  | 720.4  | 679.1  | 639.1  | 724.6  | 803.1  | 743.8  |
| 77.5° | 1568.9  | 395.3   | 209.4  | 270.0  | 393.9  | 566.1  | 465.6  | 494.5  | 564.8  | 637.8  | 575.7  |
| 80°   | 873.3   | 152.9   | 117.1  | 179.1  | 214.8  | 411.8  | 257.6  | 318.2  | 415.9  | 468.3  | 418.7  |
| 82.5° | 190.0   | 19.3    | 52.4   | 77.2   | 84.0   | 239.6  | 136.3  | 184.6  | 261.7  | 257.6  | 223.1  |
| 85°   | 0.0     | 0.0     | 9.6    | 11.1   | 5.5    | 103.3  | 49.6   | 60.6   | 85.4   | 79.8   | 60.6   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    | 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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**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 |
| 2.5°  | 2479.4 | 2411.8 | 2362.3 | 2337.5 | 2316.8 | 2336.1 | 2347.1 | 2347.1 | 2394.0 | 2421.6 | 2432.5 |
| 5°    | 2246.6 | 2125.3 | 2033.1 | 1971.1 | 1933.9 | 1946.3 | 1960.1 | 1975.3 | 2034.4 | 2074.4 | 2100.5 |
| 7.5°  | 2085.5 | 1899.4 | 1759.0 | 1672.2 | 1626.8 | 1633.6 | 1643.3 | 1655.7 | 1713.5 | 1753.5 | 1787.9 |
| 10°   | 2055.1 | 1787.9 | 1589.6 | 1475.2 | 1420.1 | 1410.5 | 1405.0 | 1400.9 | 1435.3 | 1465.5 | 1493.1 |
| 12.5° | 2179.0 | 1793.4 | 1516.6 | 1377.4 | 1309.9 | 1281.0 | 1247.9 | 1221.8 | 1227.3 | 1246.6 | 1281.0 |
| 15°   | 2400.9 | 1863.7 | 1493.1 | 1326.5 | 1242.4 | 1194.2 | 1155.7 | 1124.0 | 1117.0 | 1124.0 | 1129.4 |
| 17.5° | 2654.3 | 1958.7 | 1490.4 | 1282.4 | 1177.7 | 1128.1 | 1096.4 | 1067.5 | 1057.9 | 1059.2 | 1066.1 |
| 20°   | 2822.3 | 2034.4 | 1482.1 | 1232.8 | 1115.7 | 1071.6 | 1044.1 | 1015.2 | 1005.5 | 1008.3 | 1009.6 |
| 22.5° | 2838.8 | 2074.4 | 1469.7 | 1177.7 | 1053.7 | 1016.5 | 989.0  | 962.8  | 961.4  | 961.4  | 969.8  |
| 25°   | 2749.4 | 2074.4 | 1443.5 | 1128.1 | 994.5  | 961.4  | 936.6  | 905.0  | 910.5  | 913.3  | 924.2  |
| 27.5° | 2610.3 | 2024.8 | 1394.0 | 1088.1 | 943.5  | 909.1  | 884.3  | 855.4  | 862.2  | 866.4  | 878.8  |
| 30°   | 2472.5 | 1961.4 | 1334.8 | 1042.7 | 895.3  | 855.4  | 837.4  | 812.7  | 815.4  | 820.9  | 834.8  |
| 32.5° | 2344.4 | 1894.0 | 1264.4 | 1005.5 | 847.2  | 807.2  | 793.3  | 765.9  | 770.0  | 775.5  | 790.7  |
| 35°   | 2217.7 | 1819.6 | 1181.8 | 961.4  | 803.1  | 763.1  | 752.0  | 720.4  | 723.1  | 731.4  | 747.9  |
| 37.5° | 2081.3 | 1741.1 | 1114.4 | 917.4  | 760.3  | 719.0  | 708.0  | 675.0  | 677.7  | 687.4  | 706.6  |
| 40°   | 1938.1 | 1663.9 | 1048.3 | 870.5  | 714.8  | 673.5  | 663.9  | 628.1  | 630.9  | 641.9  | 662.6  |
| 42.5° | 1793.4 | 1579.9 | 997.2  | 810.0  | 668.1  | 624.0  | 614.3  | 581.3  | 585.4  | 597.8  | 618.5  |
| 45°   | 1659.8 | 1479.4 | 964.2  | 742.4  | 624.0  | 574.4  | 564.8  | 534.4  | 542.7  | 556.5  | 577.2  |
| 47.5° | 1545.5 | 1376.1 | 950.4  | 685.9  | 577.2  | 523.5  | 515.2  | 490.4  | 504.1  | 519.3  | 535.8  |
| 50°   | 1447.7 | 1276.8 | 932.5  | 628.1  | 533.1  | 479.4  | 471.1  | 454.6  | 472.4  | 487.6  | 502.8  |
| 52.5° | 1377.4 | 1163.9 | 893.9  | 575.7  | 494.5  | 442.2  | 439.4  | 431.1  | 447.6  | 461.5  | 475.2  |
| 55°   | 1316.8 | 1046.8 | 832.0  | 530.3  | 460.0  | 410.5  | 413.2  | 409.1  | 422.9  | 433.9  | 446.3  |
| 57.5° | 1261.7 | 944.9  | 753.5  | 494.5  | 422.9  | 382.9  | 391.1  | 385.7  | 392.6  | 399.4  | 414.6  |
| 60°   | 1195.6 | 841.6  | 659.8  | 454.6  | 378.8  | 355.4  | 365.0  | 349.8  | 348.5  | 351.3  | 355.4  |
| 62.5° | 1097.8 | 702.5  | 562.0  | 405.0  | 340.2  | 325.0  | 329.2  | 300.3  | 278.3  | 278.3  | 282.4  |
| 65°   | 961.4  | 564.8  | 471.1  | 349.8  | 296.1  | 283.7  | 281.0  | 239.6  | 209.4  | 206.6  | 219.0  |
| 67.5° | 803.1  | 464.2  | 391.1  | 294.8  | 246.5  | 238.3  | 241.1  | 210.7  | 180.4  | 177.7  | 191.5  |
| 70°   | 654.3  | 384.3  | 315.4  | 235.5  | 190.0  | 198.3  | 210.7  | 180.4  | 151.5  | 147.4  | 159.8  |
| 72.5° | 531.7  | 305.8  | 246.5  | 180.4  | 140.5  | 163.9  | 179.1  | 147.4  | 119.8  | 117.1  | 128.1  |
| 75°   | 410.5  | 224.5  | 176.3  | 122.6  | 101.9  | 126.7  | 140.5  | 107.4  | 85.4   | 81.3   | 90.9   |
| 77.5° | 274.1  | 139.1  | 99.2   | 77.2   | 60.6   | 86.8   | 93.7   | 56.5   | 49.6   | 48.2   | 55.1   |
| 80°   | 166.7  | 64.8   | 42.7   | 37.2   | 20.7   | 31.7   | 37.2   | 23.4   | 26.1   | 27.6   | 33.1   |
| 82.5° | 84.0   | 17.9   | 6.9    | 1.3    | 0.0    | 0.0    | 11.1   | 5.5    | 11.1   | 13.7   | 20.7   |
| 85°   | 6.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    | 6.9    | 12.4   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 5.5    |
| 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):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°    | 270°    | 275°    | 285°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0°    | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6 | 2768.6  | 2768.6  | 2768.6  | 2768.6  |
| 2.5°  | 2509.7 | 2567.5 | 2622.6 | 2710.8 | 2801.6 | 2891.2 | 2982.1 | 3070.3  | 3102.0  | 3125.3  | 3177.7  |
| 5°    | 2220.5 | 2329.2 | 2455.9 | 2630.9 | 2818.2 | 3011.0 | 3206.6 | 3385.7  | 3467.0  | 3522.1  | 3646.0  |
| 7.5°  | 1921.5 | 2063.4 | 2245.2 | 2508.3 | 2801.6 | 3108.8 | 3416.0 | 3698.4  | 3829.2  | 3935.3  | 4124.0  |
| 10°   | 1625.3 | 1779.6 | 2009.6 | 2309.9 | 2706.6 | 3147.4 | 3571.6 | 3960.1  | 4129.5  | 4263.1  | 4519.3  |
| 12.5° | 1365.0 | 1509.6 | 1750.7 | 2082.7 | 2557.9 | 3117.1 | 3661.2 | 4128.2  | 4327.9  | 4478.0  | 4759.0  |
| 15°   | 1181.8 | 1283.7 | 1497.2 | 1855.4 | 2381.6 | 3019.3 | 3666.7 | 4208.0  | 4427.1  | 4584.1  | 4827.9  |
| 17.5° | 1079.9 | 1114.4 | 1253.5 | 1624.0 | 2186.0 | 2891.2 | 3615.7 | 4235.6  | 4469.7  | 4615.8  | 4785.2  |
| 20°   | 1024.8 | 1030.3 | 1068.9 | 1323.7 | 1935.3 | 2771.4 | 3567.5 | 4263.1  | 4509.7  | 4632.3  | 4683.2  |
| 22.5° | 980.7  | 980.7  | 990.4  | 1082.6 | 1611.6 | 2628.1 | 3552.3 | 4311.4  | 4564.7  | 4640.6  | 4535.8  |
| 25°   | 940.7  | 940.7  | 943.5  | 968.3  | 1276.8 | 2409.2 | 3542.7 | 4385.8  | 4640.6  | 4661.2  | 4373.4  |
| 27.5° | 899.4  | 900.9  | 900.9  | 914.6  | 1028.9 | 2111.6 | 3501.4 | 4482.1  | 4731.5  | 4688.8  | 4217.7  |
| 30°   | 858.1  | 860.9  | 860.9  | 870.5  | 910.5  | 1763.1 | 3420.1 | 4597.8  | 4849.9  | 4724.5  | 4063.4  |
| 32.5° | 816.8  | 819.6  | 819.6  | 827.8  | 856.8  | 1407.7 | 3318.2 | 4703.9  | 4969.7  | 4739.7  | 3920.1  |
| 35°   | 774.1  | 778.3  | 775.5  | 786.5  | 816.8  | 1119.8 | 3188.8 | 4809.9  | 5099.3  | 4787.9  | 3849.9  |
| 37.5° | 731.4  | 734.2  | 732.8  | 743.8  | 778.3  | 967.0  | 3038.6 | 4889.9  | 5275.6  | 4895.4  | 3934.0  |
| 40°   | 688.7  | 687.4  | 687.4  | 699.8  | 736.9  | 922.9  | 2849.9 | 5016.6  | 5529.0  | 5084.1  | 4300.3  |
| 42.5° | 644.6  | 644.6  | 641.9  | 655.7  | 701.1  | 889.8  | 2669.4 | 5243.9  | 5898.2  | 5384.3  | 4950.4  |
| 45°   | 604.6  | 603.3  | 597.8  | 610.2  | 666.7  | 832.0  | 2606.1 | 5668.1  | 6443.6  | 5870.6  | 5736.9  |
| 47.5° | 566.1  | 564.8  | 550.9  | 562.0  | 625.4  | 779.6  | 2843.0 | 6362.3  | 7199.8  | 6585.4  | 6473.9  |
| 50°   | 531.7  | 533.1  | 506.9  | 516.5  | 584.0  | 739.6  | 3356.8 | 7263.2  | 8203.9  | 7548.3  | 7172.2  |
| 52.5° | 500.0  | 500.0  | 465.6  | 471.1  | 533.1  | 703.9  | 3845.8 | 8239.8  | 9529.0  | 8891.3  | 7986.3  |
| 55°   | 468.3  | 465.6  | 427.0  | 429.8  | 482.1  | 652.9  | 3918.8 | 9192.9  | 11336.2 | 10911.9 | 9099.2  |
| 57.5° | 432.6  | 427.0  | 391.1  | 391.1  | 435.2  | 615.7  | 3396.7 | 9925.7  | 13578.7 | 13881.7 | 10704.0 |
| 60°   | 388.5  | 384.3  | 360.9  | 354.0  | 398.1  | 648.7  | 2396.8 | 10011.1 | 15025.0 | 17830.8 | 13777.0 |
| 62.5° | 332.0  | 337.4  | 325.0  | 315.4  | 362.2  | 673.5  | 1420.1 | 9323.8  | 14675.0 | 19086.9 | 17457.5 |
| 65°   | 261.7  | 283.7  | 281.0  | 274.1  | 398.1  | 567.5  | 838.9  | 8004.2  | 13602.1 | 18073.2 | 16706.8 |
| 67.5° | 223.1  | 238.3  | 234.2  | 234.2  | 417.4  | 431.1  | 527.6  | 6253.5  | 12125.4 | 16870.7 | 14923.0 |
| 70°   | 190.0  | 205.2  | 190.0  | 190.0  | 315.4  | 261.7  | 365.0  | 4366.4  | 10531.8 | 15540.1 | 13752.2 |
| 72.5° | 157.0  | 172.2  | 155.7  | 144.6  | 252.0  | 195.6  | 267.2  | 2728.7  | 9019.4  | 14154.4 | 12950.6 |
| 75°   | 119.8  | 137.8  | 125.4  | 111.6  | 166.7  | 146.0  | 202.4  | 1585.4  | 7472.6  | 12110.3 | 11808.6 |
| 77.5° | 75.7   | 99.2   | 93.7   | 78.5   | 122.6  | 106.1  | 146.0  | 943.5   | 5765.9  | 9462.9  | 10157.1 |
| 80°   | 46.8   | 50.9   | 52.4   | 49.6   | 70.2   | 71.6   | 99.2   | 537.2   | 3946.4  | 6595.2  | 7935.3  |
| 82.5° | 30.3   | 30.3   | 23.4   | 26.1   | 34.4   | 41.3   | 56.5   | 202.4   | 2319.6  | 4015.2  | 5523.5  |
| 85°   | 22.0   | 19.3   | 12.4   | 12.4   | 16.5   | 20.7   | 22.0   | 62.0    | 940.7   | 1585.4  | 2159.8  |
| 87.5° | 11.1   | 9.6    | 4.1    | 5.5    | 8.3    | 6.9    | 5.5    | 2.8     | 236.9   | 506.9   | 355.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     |

REPORT NUMBER: P968408

CATALOG NUMBER: NVN-SB5B-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 2768.6  | 2768.6  | 2768.6  | 2768.6  | 2768.6  | 2768.6  | 2768.6  | 2768.6  |
| 2.5°  | 3205.3  | 3247.9  | 3250.7  | 3250.7  | 3213.6  | 3212.1  | 3136.4  | 3128.1  |
| 5°    | 3774.2  | 3801.7  | 3808.6  | 3794.8  | 3720.4  | 3665.3  | 3517.9  | 3486.2  |
| 7.5°  | 4294.9  | 4349.9  | 4349.9  | 4316.9  | 4195.6  | 4082.7  | 3869.2  | 3789.3  |
| 10°   | 4710.8  | 4774.1  | 4760.4  | 4692.9  | 4540.0  | 4384.3  | 4125.4  | 4020.7  |
| 12.5° | 4913.2  | 4978.0  | 4942.2  | 4865.1  | 4716.3  | 4552.4  | 4279.7  | 4161.2  |
| 15°   | 4909.1  | 4891.2  | 4854.1  | 4844.4  | 4772.8  | 4648.8  | 4394.0  | 4264.5  |
| 17.5° | 4734.2  | 4582.7  | 4553.8  | 4650.2  | 4741.1  | 4710.8  | 4493.2  | 4371.9  |
| 20°   | 4457.3  | 4192.9  | 4166.7  | 4351.3  | 4610.2  | 4742.5  | 4585.4  | 4473.9  |
| 22.5° | 4165.3  | 3880.2  | 3819.6  | 4023.4  | 4413.2  | 4752.1  | 4702.5  | 4591.0  |
| 25°   | 3888.4  | 3602.0  | 3541.4  | 3731.4  | 4194.3  | 4735.6  | 4829.3  | 4734.2  |
| 27.5° | 3657.1  | 3380.2  | 3323.8  | 3513.8  | 3983.6  | 4688.8  | 4956.0  | 4888.4  |
| 30°   | 3478.0  | 3221.8  | 3180.5  | 3363.6  | 3801.7  | 4631.0  | 5117.1  | 5079.9  |
| 32.5° | 3373.3  | 3186.0  | 3201.2  | 3351.2  | 3703.9  | 4567.5  | 5271.4  | 5289.3  |
| 35°   | 3476.6  | 3484.9  | 3617.1  | 3679.1  | 3794.8  | 4557.9  | 5480.8  | 5551.0  |
| 37.5° | 3990.4  | 4276.9  | 4551.0  | 4500.1  | 4239.7  | 4669.5  | 5793.4  | 5924.3  |
| 40°   | 4865.1  | 5453.2  | 5898.2  | 5703.9  | 5048.2  | 5011.0  | 6243.9  | 6439.5  |
| 42.5° | 5933.9  | 6931.2  | 7664.0  | 7143.3  | 6091.0  | 5608.9  | 6887.1  | 7136.5  |
| 45°   | 7062.0  | 8753.5  | 9907.9  | 8825.1  | 7202.6  | 6446.3  | 7860.9  | 8056.6  |
| 47.5° | 8250.7  | 10968.4 | 12461.5 | 10690.2 | 8232.9  | 7399.5  | 9188.8  | 9234.2  |
| 50°   | 9551.1  | 13396.9 | 15064.9 | 12553.9 | 9227.4  | 8491.8  | 10811.4 | 10759.0 |
| 52.5° | 10789.4 | 15894.1 | 17613.1 | 14425.7 | 10100.7 | 9847.2  | 12694.3 | 12586.9 |
| 55°   | 11971.2 | 18390.0 | 20176.5 | 16224.7 | 10924.3 | 11637.8 | 14931.3 | 14281.1 |
| 57.5° | 13341.7 | 20633.9 | 22818.4 | 18031.9 | 12075.8 | 13963.0 | 17432.7 | 15264.6 |
| 60°   | 15367.9 | 23183.4 | 25806.0 | 20508.5 | 14266.0 | 16406.5 | 18329.4 | 15077.2 |
| 62.5° | 17954.7 | 25527.8 | 27978.2 | 22935.5 | 16465.7 | 16866.6 | 17008.4 | 13633.7 |
| 65°   | 18457.5 | 26121.5 | 28100.8 | 23584.2 | 16182.0 | 14307.3 | 13885.8 | 10958.8 |
| 67.5° | 17124.2 | 25048.4 | 26387.3 | 22376.3 | 14314.2 | 11056.6 | 10420.3 | 7950.5  |
| 70°   | 15628.3 | 23002.9 | 23401.1 | 20322.5 | 12589.7 | 8132.4  | 7037.2  | 5101.9  |
| 72.5° | 14095.2 | 20274.3 | 19450.6 | 17649.0 | 11064.9 | 5921.5  | 5075.8  | 3626.8  |
| 75°   | 12274.3 | 16686.1 | 15321.1 | 14664.1 | 9161.2  | 4647.5  | 3672.2  | 2502.7  |
| 77.5° | 9829.3  | 11745.3 | 11380.3 | 11366.5 | 6884.4  | 3395.3  | 2450.5  | 1568.9  |
| 80°   | 6933.9  | 7622.6  | 7436.7  | 8560.7  | 4618.5  | 2462.9  | 1475.2  | 873.3   |
| 82.5° | 3356.8  | 4214.9  | 4326.5  | 5097.8  | 2246.6  | 1449.0  | 340.2   | 190.0   |
| 85°   | 1314.0  | 2033.1  | 1714.9  | 1935.3  | 630.9   | 403.5   | 8.3     | 0.0     |
| 87.5° | 147.4   | 235.5   | 216.3   | 170.8   | 77.2    | 16.5    | 0.0     | 0.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)