

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: P965246

Luminaire Tested: **NVN-SB3D-830-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P965246  
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-SB3D-830-U-SLR-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(3) 80 CRI, 3000K, 900mA 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: 21461.4 lumens  
Efficiency: N/A  
Efficacy: 98.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4  
  
Input Watts (W): 218.1  
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

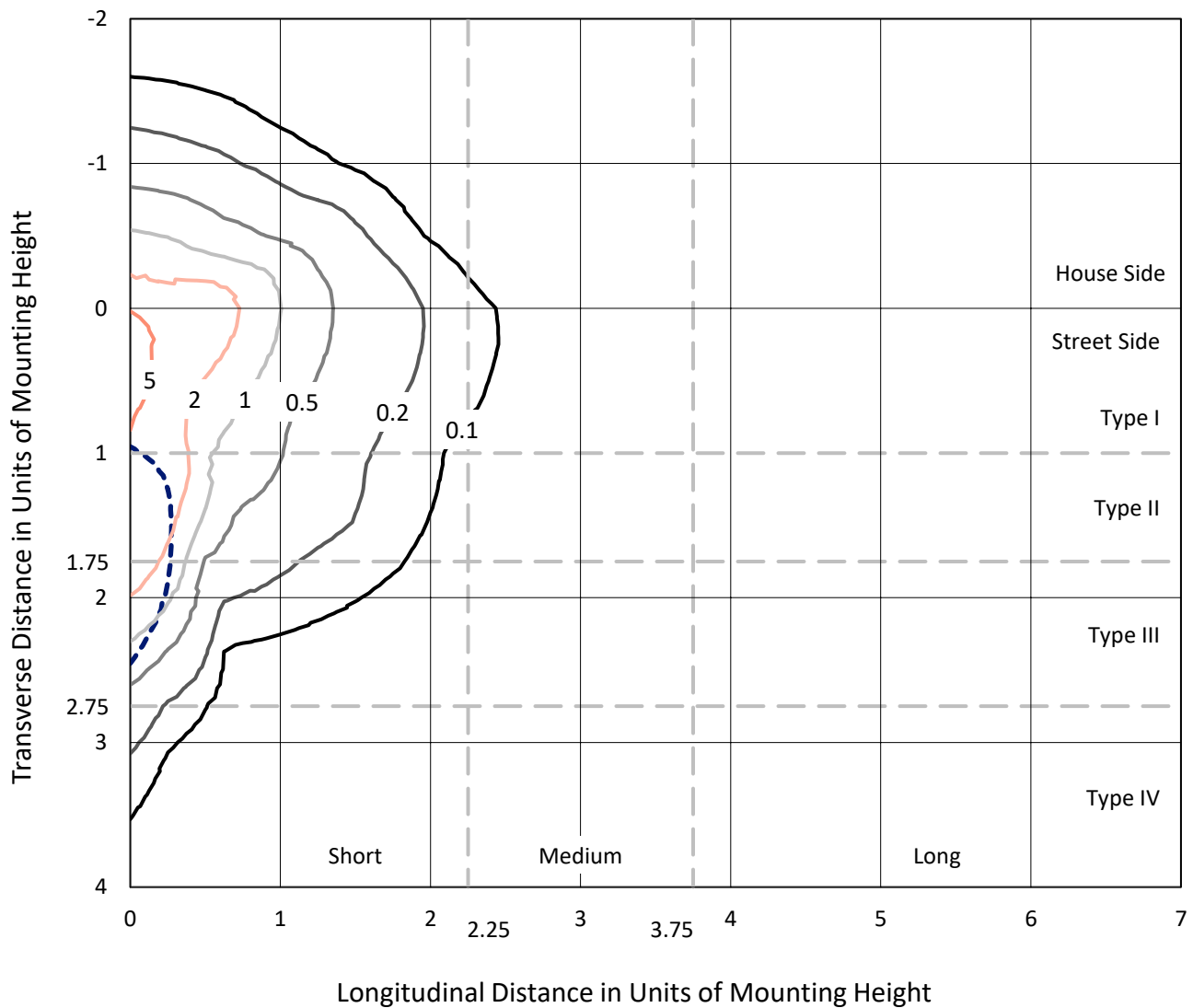


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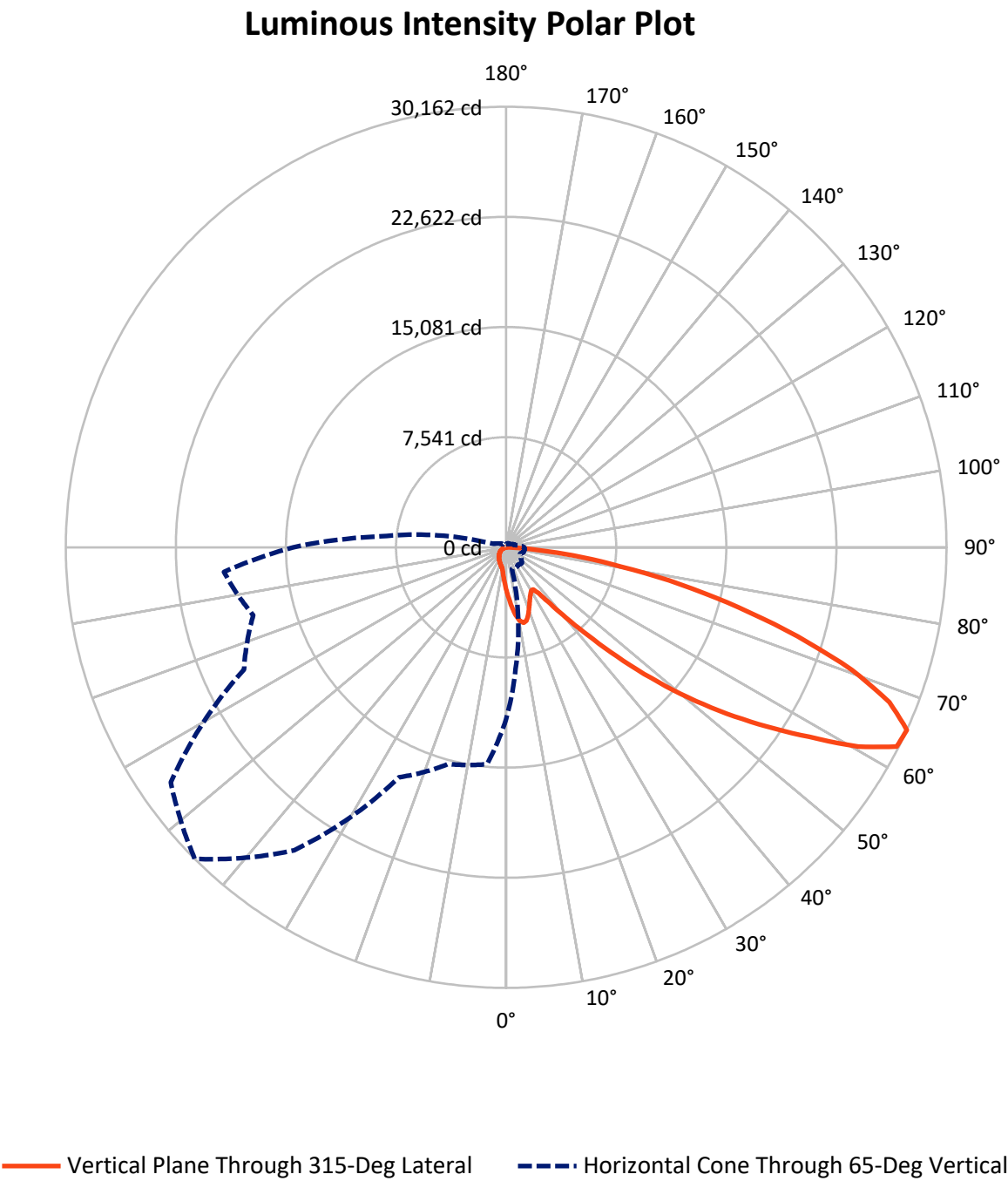
## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.6 fc  
Type IV - Short - N/A

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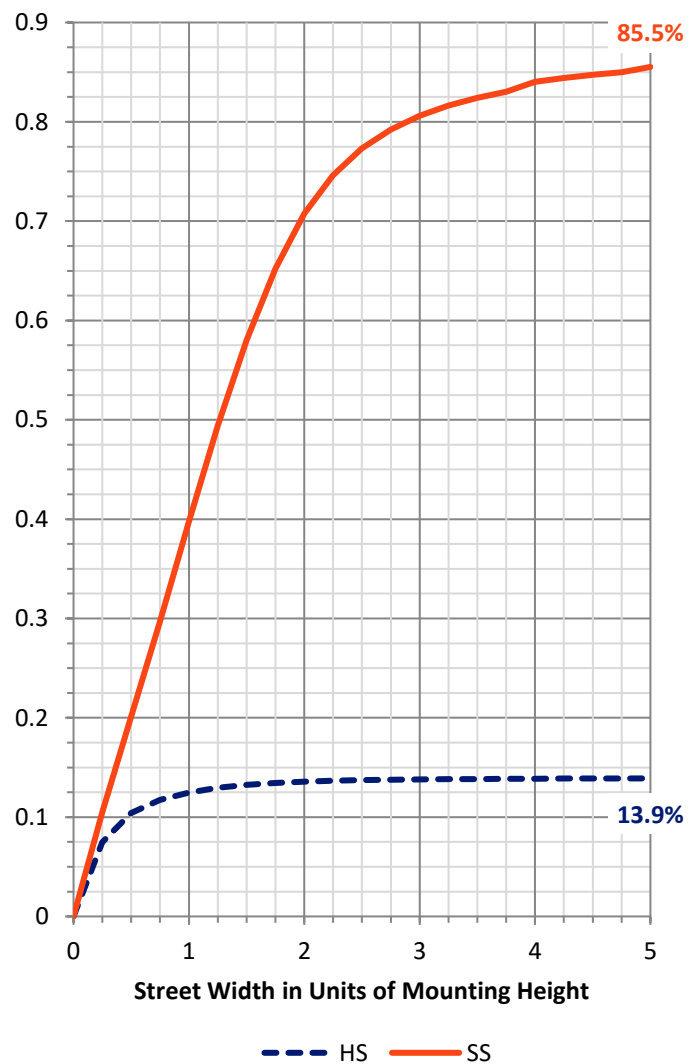
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3005.5   | 0.0    | 3005.5  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 18455.9  | 0.0    | 18455.9 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 21461.4  | 0.0    | 21461.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 292.6   | 1.4       |
| 10°-20°   | 877.1   | 4.1       |
| 20°-30°   | 1292.1  | 6.0       |
| 30°-40°   | 1660.0  | 7.7       |
| 40°-50°   | 2684.7  | 12.5      |
| 50°-60°   | 4707.8  | 21.9      |
| 60°-70°   | 5890.8  | 27.4      |
| 70°-80°   | 3442.3  | 16.0      |
| 80°-90°   | 614.2   | 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°    | 21461.4 | 100.0     |
| 0°-180°   | 21461.4 | 100.0     |

**Coefficient of Utilization**



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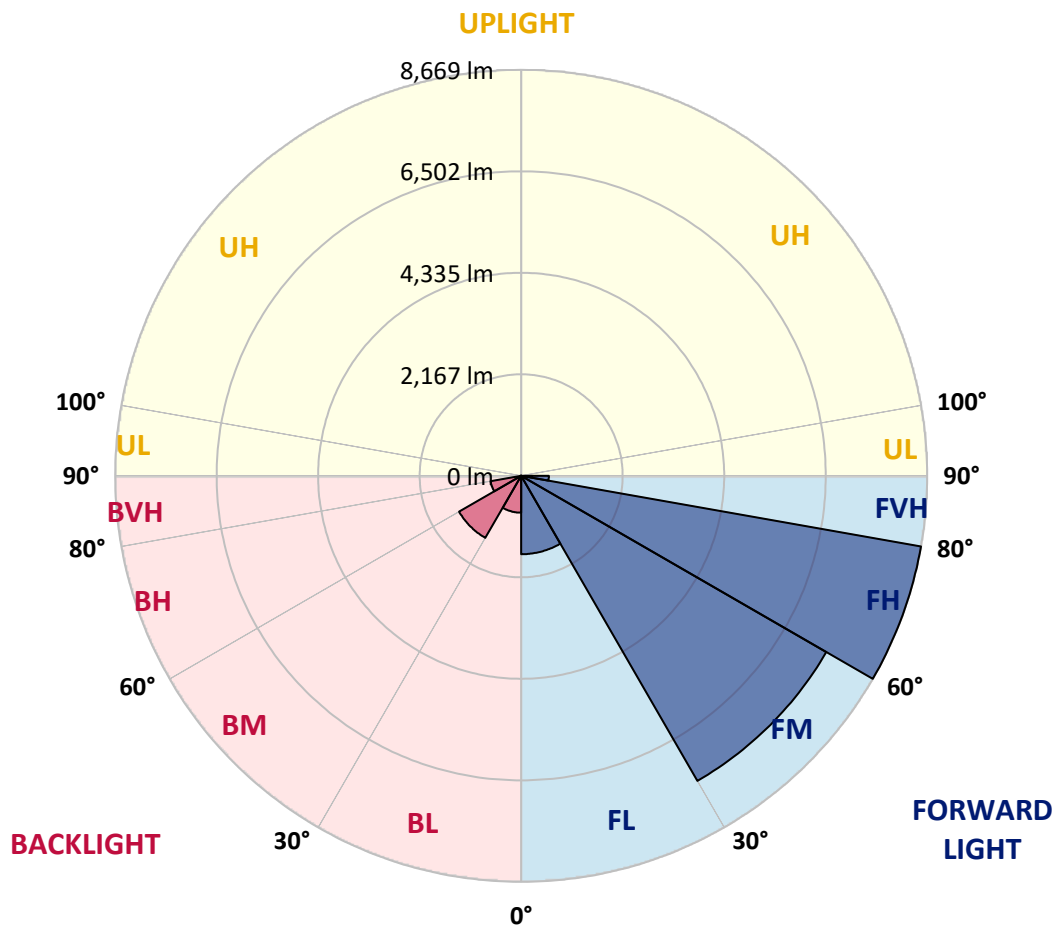
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1673.9 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 7522.0 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 8669.4 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 590.6  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 787.8  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1530.5 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 663.6  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 23.6   | 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°    | 2971.7  | 2971.7  | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 |
| 2.5°  | 3357.6  | 3300.0  | 3266.0 | 3181.7 | 3097.3 | 3029.4 | 2937.8 | 2877.1 | 2804.7 | 2735.2 | 2673.1 |
| 5°    | 3742.0  | 3648.9  | 3536.5 | 3382.7 | 3242.3 | 3098.9 | 2959.9 | 2822.4 | 2677.5 | 2544.5 | 2463.2 |
| 7.5°  | 4067.3  | 3932.7  | 3734.6 | 3530.6 | 3351.6 | 3178.7 | 3016.1 | 2834.2 | 2658.3 | 2449.9 | 2338.9 |
| 10°   | 4315.7  | 4144.2  | 3883.9 | 3616.3 | 3410.8 | 3236.3 | 3078.2 | 2924.4 | 2747.0 | 2495.7 | 2356.7 |
| 12.5° | 4466.4  | 4283.2  | 3974.1 | 3660.7 | 3425.7 | 3230.5 | 3107.7 | 3039.7 | 2970.2 | 2720.4 | 2557.8 |
| 15°   | 4577.3  | 4379.2  | 4037.7 | 3691.7 | 3391.6 | 3152.1 | 3061.9 | 3129.9 | 3209.8 | 3050.1 | 2862.3 |
| 17.5° | 4692.7  | 4484.2  | 4120.5 | 3705.1 | 3300.0 | 2999.8 | 2961.3 | 3137.3 | 3322.1 | 3314.7 | 3128.4 |
| 20°   | 4802.0  | 4595.1  | 4193.0 | 3696.2 | 3152.1 | 2815.0 | 2849.0 | 3073.8 | 3288.1 | 3378.3 | 3277.7 |
| 22.5° | 4927.8  | 4709.0  | 4262.5 | 3662.1 | 2959.9 | 2642.0 | 2748.4 | 2973.2 | 3161.0 | 3267.4 | 3236.3 |
| 25°   | 5081.5  | 4852.3  | 4360.0 | 3611.9 | 2752.9 | 2498.6 | 2646.4 | 2856.4 | 3008.7 | 3082.6 | 3081.1 |
| 27.5° | 5247.1  | 5023.8  | 4490.1 | 3585.2 | 2585.9 | 2396.6 | 2531.1 | 2717.4 | 2853.5 | 2905.2 | 2905.2 |
| 30°   | 5452.6  | 5223.4  | 4643.9 | 3555.7 | 2476.4 | 2337.4 | 2411.4 | 2556.2 | 2689.3 | 2741.1 | 2741.1 |
| 32.5° | 5677.4  | 5445.2  | 4791.7 | 3484.8 | 2409.9 | 2293.1 | 2294.6 | 2386.2 | 2507.5 | 2569.6 | 2578.5 |
| 35°   | 5958.2  | 5711.3  | 4949.9 | 3329.5 | 2356.7 | 2241.4 | 2180.8 | 2225.1 | 2325.6 | 2399.5 | 2418.8 |
| 37.5° | 6358.9  | 6060.2  | 5143.6 | 3107.7 | 2278.4 | 2161.5 | 2061.0 | 2071.3 | 2148.2 | 2229.6 | 2259.1 |
| 40°   | 6911.9  | 6528.9  | 5371.3 | 2877.1 | 2165.9 | 2049.2 | 1929.4 | 1925.0 | 1981.1 | 2061.0 | 2093.6 |
| 42.5° | 7659.9  | 7148.4  | 5644.8 | 2656.8 | 2058.0 | 1913.2 | 1790.5 | 1783.0 | 1827.4 | 1896.9 | 1930.9 |
| 45°   | 8647.6  | 7940.9  | 5980.4 | 2467.6 | 1973.7 | 1780.1 | 1658.9 | 1655.9 | 1692.9 | 1753.5 | 1788.9 |
| 47.5° | 9911.6  | 9042.3  | 6316.0 | 2338.9 | 1929.4 | 1675.1 | 1550.9 | 1556.9 | 1589.4 | 1644.1 | 1669.2 |
| 50°   | 11548.4 | 10478.0 | 6418.0 | 2273.9 | 1929.4 | 1618.9 | 1454.8 | 1484.4 | 1511.0 | 1552.4 | 1567.2 |
| 52.5° | 13510.2 | 11855.9 | 6080.9 | 2214.7 | 1941.2 | 1626.4 | 1373.5 | 1437.0 | 1456.3 | 1491.8 | 1497.7 |
| 55°   | 15328.8 | 12531.5 | 5227.9 | 2133.4 | 1944.2 | 1672.2 | 1304.0 | 1398.6 | 1434.1 | 1447.4 | 1446.0 |
| 57.5° | 16384.4 | 12299.4 | 4226.9 | 1996.0 | 1932.3 | 1703.2 | 1259.6 | 1351.4 | 1419.3 | 1428.2 | 1414.9 |
| 60°   | 16183.3 | 11484.7 | 3112.2 | 1890.9 | 1845.1 | 1691.4 | 1246.4 | 1278.9 | 1386.8 | 1400.1 | 1382.4 |
| 62.5° | 14633.9 | 10118.7 | 2160.1 | 1809.6 | 1652.9 | 1639.6 | 1241.9 | 1165.0 | 1315.8 | 1348.4 | 1323.3 |
| 65°   | 11762.7 | 7966.0  | 1525.8 | 1558.3 | 1448.9 | 1527.2 | 1218.2 | 1046.7 | 1230.1 | 1274.5 | 1236.0 |
| 67.5° | 8533.7  | 5390.5  | 1101.5 | 1262.6 | 1312.9 | 1345.4 | 1165.0 | 961.0  | 1132.5 | 1191.7 | 1141.3 |
| 70°   | 5476.3  | 2911.1  | 773.3  | 833.8  | 1105.9 | 1142.9 | 1073.4 | 884.2  | 1033.4 | 1101.5 | 1046.7 |
| 72.5° | 3892.8  | 1719.4  | 555.9  | 584.0  | 888.6  | 952.1  | 944.7  | 798.4  | 918.1  | 1000.9 | 935.8  |
| 75°   | 2686.4  | 947.7   | 375.6  | 417.0  | 644.6  | 773.3  | 728.9  | 686.0  | 777.7  | 861.9  | 798.4  |
| 77.5° | 1684.0  | 424.4   | 224.7  | 289.8  | 422.8  | 607.6  | 499.7  | 530.7  | 606.2  | 684.5  | 618.0  |
| 80°   | 937.4   | 164.1   | 125.7  | 192.2  | 230.6  | 442.1  | 276.4  | 341.5  | 446.5  | 502.7  | 449.5  |
| 82.5° | 204.1   | 20.7    | 56.2   | 82.8   | 90.2   | 257.3  | 146.4  | 198.1  | 281.0  | 276.4  | 239.5  |
| 85°   | 0.0     | 0.0     | 10.4   | 11.8   | 5.9    | 110.9  | 53.2   | 65.1   | 91.6   | 85.8   | 65.1   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.0    | 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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**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 |
| 2.5°  | 2661.2 | 2588.8 | 2535.5 | 2509.0 | 2486.8 | 2507.5 | 2519.3 | 2519.3 | 2569.6 | 2599.2 | 2611.0 |
| 5°    | 2411.4 | 2281.2 | 2182.2 | 2115.7 | 2075.7 | 2089.1 | 2103.8 | 2120.1 | 2183.7 | 2226.6 | 2254.7 |
| 7.5°  | 2238.4 | 2038.8 | 1888.0 | 1794.9 | 1746.1 | 1753.5 | 1763.8 | 1777.1 | 1839.3 | 1882.1 | 1919.0 |
| 10°   | 2205.9 | 1919.0 | 1706.1 | 1583.4 | 1524.3 | 1513.9 | 1508.1 | 1503.6 | 1540.6 | 1573.1 | 1602.7 |
| 12.5° | 2338.9 | 1925.0 | 1627.8 | 1478.5 | 1406.0 | 1374.9 | 1339.5 | 1311.4 | 1317.3 | 1338.0 | 1374.9 |
| 15°   | 2577.0 | 2000.4 | 1602.7 | 1423.7 | 1333.6 | 1281.9 | 1240.5 | 1206.4 | 1199.0 | 1206.4 | 1212.4 |
| 17.5° | 2849.0 | 2102.4 | 1599.7 | 1376.5 | 1264.1 | 1210.8 | 1176.9 | 1145.8 | 1135.5 | 1136.9 | 1144.3 |
| 20°   | 3029.4 | 2183.7 | 1590.8 | 1323.3 | 1197.6 | 1150.3 | 1120.6 | 1089.7 | 1079.3 | 1082.2 | 1083.7 |
| 22.5° | 3047.1 | 2226.6 | 1577.6 | 1264.1 | 1131.0 | 1091.1 | 1061.5 | 1033.4 | 1032.0 | 1032.0 | 1040.9 |
| 25°   | 2951.0 | 2226.6 | 1549.4 | 1210.8 | 1067.4 | 1032.0 | 1005.3 | 971.4  | 977.2  | 980.2  | 992.1  |
| 27.5° | 2801.7 | 2173.3 | 1496.2 | 1168.0 | 1012.8 | 975.8  | 949.1  | 918.1  | 925.5  | 930.0  | 943.3  |
| 30°   | 2653.8 | 2105.4 | 1432.6 | 1119.2 | 961.0  | 918.1  | 898.9  | 872.3  | 875.2  | 881.2  | 896.0  |
| 32.5° | 2516.4 | 2032.9 | 1357.2 | 1079.3 | 909.3  | 866.4  | 851.6  | 822.0  | 826.5  | 832.4  | 848.6  |
| 35°   | 2380.4 | 1953.0 | 1268.5 | 1032.0 | 861.9  | 819.1  | 807.3  | 773.3  | 776.2  | 785.0  | 802.8  |
| 37.5° | 2234.0 | 1868.8 | 1196.1 | 984.6  | 816.1  | 771.7  | 759.9  | 724.5  | 727.4  | 737.8  | 758.5  |
| 40°   | 2080.2 | 1786.0 | 1125.1 | 934.4  | 767.3  | 722.9  | 712.6  | 674.1  | 677.1  | 689.0  | 711.1  |
| 42.5° | 1925.0 | 1695.8 | 1070.4 | 869.3  | 717.1  | 669.7  | 659.4  | 623.9  | 628.3  | 641.6  | 663.8  |
| 45°   | 1781.6 | 1587.8 | 1034.9 | 796.9  | 669.7  | 616.5  | 606.2  | 573.7  | 582.5  | 597.3  | 619.5  |
| 47.5° | 1658.9 | 1477.0 | 1020.2 | 736.3  | 619.5  | 561.8  | 553.0  | 526.3  | 541.1  | 557.4  | 575.1  |
| 50°   | 1553.9 | 1370.5 | 1000.9 | 674.1  | 572.2  | 514.6  | 505.6  | 487.9  | 507.1  | 523.4  | 539.7  |
| 52.5° | 1478.5 | 1249.3 | 959.5  | 618.0  | 530.7  | 474.6  | 471.6  | 462.8  | 480.5  | 495.3  | 510.0  |
| 55°   | 1413.4 | 1123.6 | 893.0  | 569.2  | 493.8  | 440.5  | 443.5  | 439.1  | 453.9  | 465.8  | 479.0  |
| 57.5° | 1354.2 | 1014.2 | 808.7  | 530.7  | 453.9  | 411.0  | 419.8  | 414.0  | 421.4  | 428.8  | 445.1  |
| 60°   | 1283.3 | 903.3  | 708.2  | 487.9  | 406.6  | 381.4  | 391.8  | 375.6  | 374.0  | 377.0  | 381.4  |
| 62.5° | 1178.3 | 754.0  | 603.2  | 434.7  | 365.2  | 348.9  | 353.3  | 322.3  | 298.7  | 298.7  | 303.1  |
| 65°   | 1032.0 | 606.2  | 505.6  | 375.6  | 317.9  | 304.5  | 301.7  | 257.3  | 224.7  | 221.8  | 235.0  |
| 67.5° | 861.9  | 498.3  | 419.8  | 316.4  | 264.7  | 255.7  | 258.7  | 226.2  | 193.7  | 190.8  | 205.5  |
| 70°   | 702.2  | 412.5  | 338.6  | 252.9  | 204.1  | 212.9  | 226.2  | 193.7  | 162.7  | 158.2  | 171.5  |
| 72.5° | 570.7  | 328.2  | 264.7  | 193.7  | 150.8  | 175.9  | 192.2  | 158.2  | 128.6  | 125.7  | 137.5  |
| 75°   | 440.5  | 241.0  | 189.2  | 131.6  | 109.4  | 136.0  | 150.8  | 115.3  | 91.6   | 87.2   | 97.6   |
| 77.5° | 294.2  | 149.3  | 106.5  | 82.8   | 65.1   | 93.2   | 100.6  | 60.6   | 53.2   | 51.8   | 59.1   |
| 80°   | 178.9  | 69.5   | 45.8   | 39.9   | 22.1   | 34.0   | 39.9   | 25.1   | 28.1   | 29.5   | 35.5   |
| 82.5° | 90.2   | 19.3   | 7.4    | 1.4    | 0.0    | 0.0    | 11.8   | 5.9    | 11.8   | 14.8   | 22.1   |
| 85°   | 7.4    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.0    | 7.4    | 13.3   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 5.9    |
| 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):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°    | 270°    | 275°    | 285°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0°    | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7 | 2971.7  | 2971.7  | 2971.7  | 2971.7  |
| 2.5°  | 2693.8 | 2755.9 | 2815.0 | 2909.7 | 3007.2 | 3103.3 | 3200.9 | 3295.5  | 3329.5  | 3354.6  | 3410.8  |
| 5°    | 2383.3 | 2500.1 | 2636.1 | 2823.9 | 3025.0 | 3231.9 | 3441.8 | 3634.0  | 3721.3  | 3780.4  | 3913.6  |
| 7.5°  | 2062.5 | 2214.7 | 2409.9 | 2692.3 | 3007.2 | 3336.9 | 3666.6 | 3969.7  | 4110.1  | 4224.0  | 4426.6  |
| 10°   | 1744.6 | 1910.2 | 2157.1 | 2479.4 | 2905.2 | 3378.3 | 3833.7 | 4250.6  | 4432.4  | 4575.9  | 4850.8  |
| 12.5° | 1465.1 | 1620.4 | 1879.1 | 2235.4 | 2745.6 | 3345.8 | 3929.7 | 4431.0  | 4645.4  | 4806.5  | 5108.1  |
| 15°   | 1268.5 | 1377.9 | 1607.1 | 1991.5 | 2556.2 | 3240.8 | 3935.7 | 4516.8  | 4751.8  | 4920.3  | 5182.0  |
| 17.5° | 1159.1 | 1196.1 | 1345.4 | 1743.1 | 2346.3 | 3103.3 | 3881.0 | 4546.3  | 4797.6  | 4954.3  | 5136.2  |
| 20°   | 1100.0 | 1105.9 | 1147.3 | 1420.9 | 2077.3 | 2974.7 | 3829.2 | 4575.9  | 4840.5  | 4972.1  | 5026.8  |
| 22.5° | 1052.7 | 1052.7 | 1063.0 | 1162.0 | 1729.8 | 2820.9 | 3813.0 | 4627.6  | 4899.6  | 4981.0  | 4868.6  |
| 25°   | 1009.8 | 1009.8 | 1012.8 | 1039.4 | 1370.5 | 2585.9 | 3802.6 | 4707.4  | 4981.0  | 5003.1  | 4694.2  |
| 27.5° | 965.4  | 966.9  | 966.9  | 981.7  | 1104.4 | 2266.5 | 3758.3 | 4810.9  | 5078.6  | 5032.8  | 4527.1  |
| 30°   | 921.1  | 924.0  | 924.0  | 934.4  | 977.2  | 1892.5 | 3671.0 | 4935.2  | 5205.7  | 5071.2  | 4361.5  |
| 32.5° | 876.7  | 879.7  | 879.7  | 888.6  | 919.6  | 1511.0 | 3561.7 | 5048.9  | 5334.3  | 5087.4  | 4207.7  |
| 35°   | 830.9  | 835.4  | 832.4  | 844.2  | 876.7  | 1202.0 | 3422.7 | 5162.8  | 5473.3  | 5139.1  | 4132.3  |
| 37.5° | 785.0  | 788.0  | 786.6  | 798.4  | 835.4  | 1037.9 | 3261.5 | 5248.6  | 5662.5  | 5254.5  | 4222.5  |
| 40°   | 739.2  | 737.8  | 737.8  | 751.0  | 791.0  | 990.6  | 3058.9 | 5384.6  | 5934.5  | 5457.0  | 4615.8  |
| 42.5° | 691.9  | 691.9  | 689.0  | 703.8  | 752.6  | 955.1  | 2865.3 | 5628.6  | 6330.8  | 5779.4  | 5313.6  |
| 45°   | 649.0  | 647.6  | 641.6  | 655.0  | 715.6  | 893.0  | 2797.2 | 6083.9  | 6916.3  | 6301.2  | 6157.8  |
| 47.5° | 607.6  | 606.2  | 591.4  | 603.2  | 671.3  | 836.8  | 3051.5 | 6829.1  | 7728.0  | 7068.6  | 6948.8  |
| 50°   | 570.7  | 572.2  | 544.1  | 554.4  | 626.9  | 794.0  | 3603.1 | 7795.9  | 8805.8  | 8102.0  | 7698.4  |
| 52.5° | 536.7  | 536.7  | 499.7  | 505.6  | 572.2  | 755.5  | 4127.9 | 8844.2  | 10228.1 | 9543.6  | 8572.2  |
| 55°   | 502.7  | 499.7  | 458.3  | 461.2  | 517.4  | 700.8  | 4206.3 | 9867.3  | 12167.8 | 11712.5 | 9766.8  |
| 57.5° | 464.2  | 458.3  | 419.8  | 419.8  | 467.2  | 660.9  | 3645.9 | 10653.8 | 14574.8 | 14900.0 | 11489.2 |
| 60°   | 417.0  | 412.5  | 387.3  | 380.0  | 427.3  | 696.4  | 2572.5 | 10745.5 | 16127.1 | 19138.8 | 14787.7 |
| 62.5° | 356.3  | 362.2  | 348.9  | 338.6  | 388.9  | 722.9  | 1524.3 | 10007.8 | 15751.6 | 20487.2 | 18738.1 |
| 65°   | 281.0  | 304.5  | 301.7  | 294.2  | 427.3  | 609.2  | 900.4  | 8591.3  | 14599.9 | 19399.0 | 17932.4 |
| 67.5° | 239.5  | 255.7  | 251.3  | 251.3  | 448.0  | 462.8  | 566.2  | 6712.2  | 13014.9 | 18108.3 | 16017.8 |
| 70°   | 204.1  | 220.3  | 204.1  | 204.1  | 338.6  | 281.0  | 391.8  | 4686.7  | 11304.4 | 16680.1 | 14761.0 |
| 72.5° | 168.5  | 184.8  | 167.1  | 155.3  | 270.6  | 209.9  | 286.8  | 2928.8  | 9681.0  | 15192.8 | 13900.5 |
| 75°   | 128.6  | 147.8  | 134.6  | 119.7  | 178.9  | 156.7  | 217.3  | 1701.7  | 8020.7  | 12998.7 | 12674.9 |
| 77.5° | 81.3   | 106.5  | 100.6  | 84.3   | 131.6  | 113.9  | 156.7  | 1012.8  | 6188.8  | 10157.1 | 10902.2 |
| 80°   | 50.2   | 54.7   | 56.2   | 53.2   | 75.4   | 76.9   | 106.5  | 576.6   | 4235.8  | 7079.0  | 8517.4  |
| 82.5° | 32.5   | 32.5   | 25.1   | 28.1   | 37.0   | 44.4   | 60.6   | 217.3   | 2489.7  | 4309.7  | 5928.7  |
| 85°   | 23.7   | 20.7   | 13.3   | 13.3   | 17.7   | 22.1   | 23.7   | 66.5    | 1009.8  | 1701.7  | 2318.2  |
| 87.5° | 11.8   | 10.4   | 4.4    | 5.9    | 8.9    | 7.4    | 5.9    | 3.0     | 254.3   | 544.1   | 381.4   |
| 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: P965246

CATALOG NUMBER: NVN-SB3D-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 2971.7  | 2971.7  | 2971.7  | 2971.7  | 2971.7  | 2971.7  | 2971.7  | 2971.7  |
| 2.5°  | 3440.4  | 3486.2  | 3489.2  | 3489.2  | 3449.2  | 3447.8  | 3366.5  | 3357.6  |
| 5°    | 4051.0  | 4080.6  | 4088.0  | 4073.1  | 3993.3  | 3934.3  | 3776.0  | 3742.0  |
| 7.5°  | 4609.8  | 4669.0  | 4669.0  | 4633.5  | 4503.4  | 4382.2  | 4153.0  | 4067.3  |
| 10°   | 5056.3  | 5124.4  | 5109.6  | 5037.2  | 4873.1  | 4706.0  | 4428.0  | 4315.7  |
| 12.5° | 5273.7  | 5343.2  | 5304.8  | 5222.0  | 5062.3  | 4886.4  | 4593.6  | 4466.4  |
| 15°   | 5269.2  | 5250.0  | 5210.2  | 5199.8  | 5122.8  | 4989.8  | 4716.3  | 4577.3  |
| 17.5° | 5081.5  | 4918.9  | 4887.8  | 4991.3  | 5088.9  | 5056.3  | 4822.7  | 4692.7  |
| 20°   | 4784.3  | 4500.5  | 4472.4  | 4670.5  | 4948.4  | 5090.4  | 4921.8  | 4802.0  |
| 22.5° | 4470.8  | 4164.9  | 4099.8  | 4318.6  | 4737.0  | 5100.7  | 5047.5  | 4927.8  |
| 25°   | 4173.7  | 3866.2  | 3801.1  | 4005.2  | 4501.9  | 5083.0  | 5183.5  | 5081.5  |
| 27.5° | 3925.3  | 3628.2  | 3567.5  | 3771.6  | 4275.7  | 5032.8  | 5319.5  | 5247.1  |
| 30°   | 3733.2  | 3458.1  | 3413.8  | 3610.5  | 4080.6  | 4970.6  | 5492.6  | 5452.6  |
| 32.5° | 3620.8  | 3419.7  | 3436.0  | 3597.1  | 3975.6  | 4902.6  | 5658.1  | 5677.4  |
| 35°   | 3731.6  | 3740.5  | 3882.5  | 3949.0  | 4073.1  | 4892.2  | 5882.8  | 5958.2  |
| 37.5° | 4283.2  | 4590.7  | 4884.8  | 4830.2  | 4550.7  | 5012.0  | 6218.5  | 6358.9  |
| 40°   | 5222.0  | 5853.3  | 6330.8  | 6122.3  | 5418.6  | 5378.7  | 6701.9  | 6911.9  |
| 42.5° | 6369.2  | 7439.7  | 8226.2  | 7667.3  | 6537.8  | 6020.3  | 7392.3  | 7659.9  |
| 45°   | 7580.1  | 9395.7  | 10634.7 | 9472.5  | 7731.0  | 6919.3  | 8437.6  | 8647.6  |
| 47.5° | 8856.0  | 11773.0 | 13375.7 | 11474.4 | 8836.8  | 7942.3  | 9862.9  | 9911.6  |
| 50°   | 10251.7 | 14379.6 | 16170.0 | 13474.8 | 9904.3  | 9114.8  | 11604.5 | 11548.4 |
| 52.5° | 11580.9 | 17060.1 | 18905.2 | 15484.1 | 10841.6 | 10569.6 | 13625.5 | 13510.2 |
| 55°   | 12849.4 | 19739.0 | 21656.6 | 17414.9 | 11725.7 | 12491.6 | 16026.6 | 15328.8 |
| 57.5° | 14320.5 | 22147.5 | 24492.4 | 19354.7 | 12961.7 | 14987.2 | 18711.5 | 16384.4 |
| 60°   | 16495.3 | 24884.1 | 27699.1 | 22012.9 | 15312.5 | 17610.0 | 19674.0 | 16183.3 |
| 62.5° | 19271.8 | 27400.5 | 30030.7 | 24618.0 | 17673.7 | 18103.9 | 18256.2 | 14633.9 |
| 65°   | 19811.5 | 28037.7 | 30162.3 | 25314.3 | 17369.0 | 15356.9 | 14904.4 | 11762.7 |
| 67.5° | 18380.3 | 26886.0 | 28323.0 | 24017.7 | 15364.2 | 11867.7 | 11184.6 | 8533.7  |
| 70°   | 16774.7 | 24690.4 | 25117.7 | 21813.3 | 13513.2 | 8728.9  | 7553.5  | 5476.3  |
| 72.5° | 15129.2 | 21761.6 | 20877.5 | 18943.6 | 11876.6 | 6355.9  | 5448.2  | 3892.8  |
| 75°   | 13174.6 | 17910.1 | 16445.0 | 15739.8 | 9833.3  | 4988.4  | 3941.6  | 2686.4  |
| 77.5° | 10550.3 | 12606.9 | 12215.1 | 12200.4 | 7389.4  | 3644.4  | 2630.1  | 1684.0  |
| 80°   | 7442.6  | 8181.9  | 7982.3  | 9188.7  | 4957.3  | 2643.5  | 1583.4  | 937.4   |
| 82.5° | 3603.1  | 4524.1  | 4643.9  | 5471.9  | 2411.4  | 1555.3  | 365.2   | 204.1   |
| 85°   | 1410.5  | 2182.2  | 1840.7  | 2077.3  | 677.1   | 433.2   | 8.9     | 0.0     |
| 87.5° | 158.2   | 252.9   | 232.2   | 183.4   | 82.8    | 17.7    | 0.0     | 0.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)