

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: P959913

Luminaire Tested: **NAV-SB1B-760-U-SLL**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P959913  
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-SB1B-760-U-SLL  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 5700K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 6086.4 lumens  
Efficiency: N/A  
Efficacy: 152.9 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

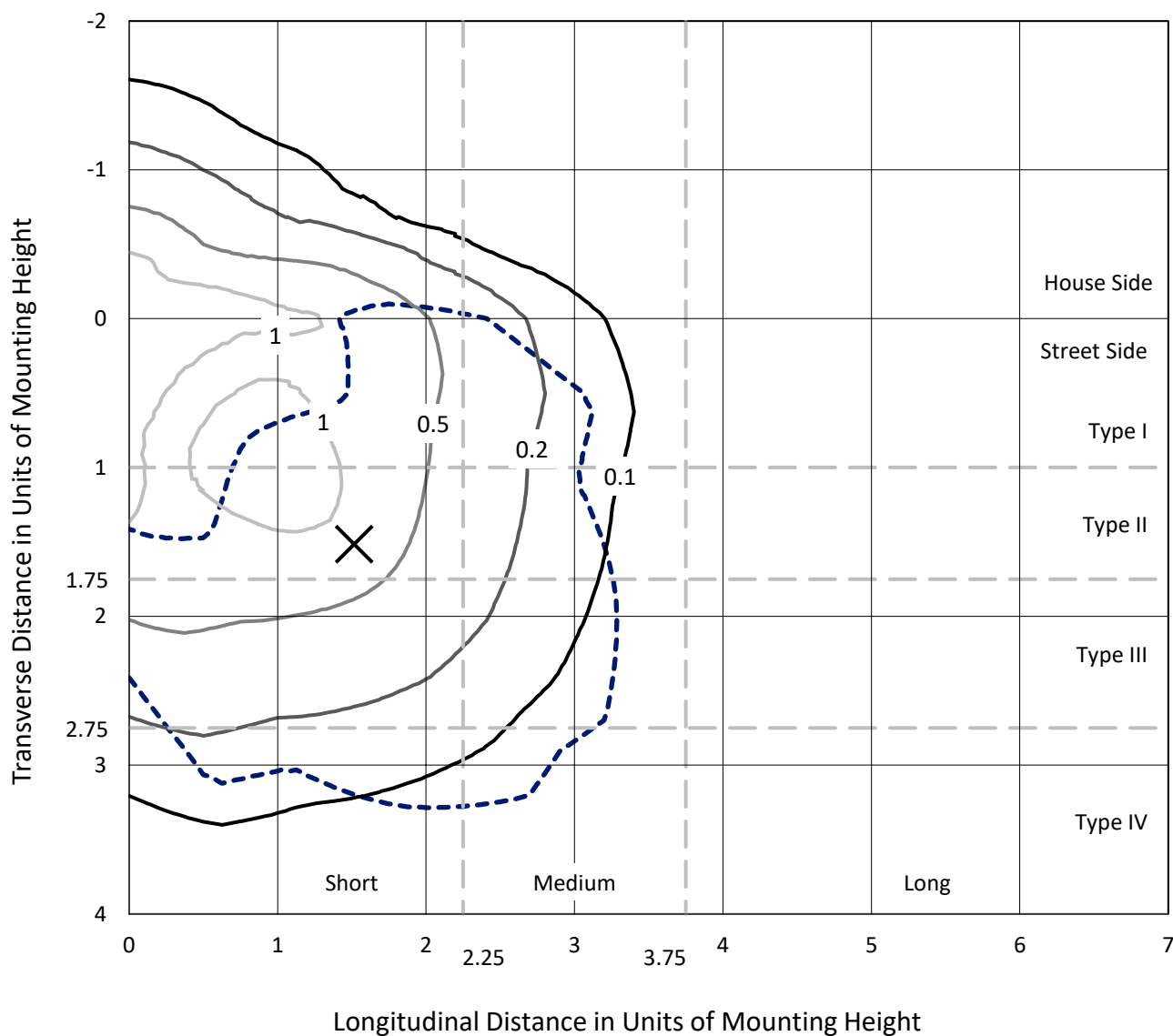
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

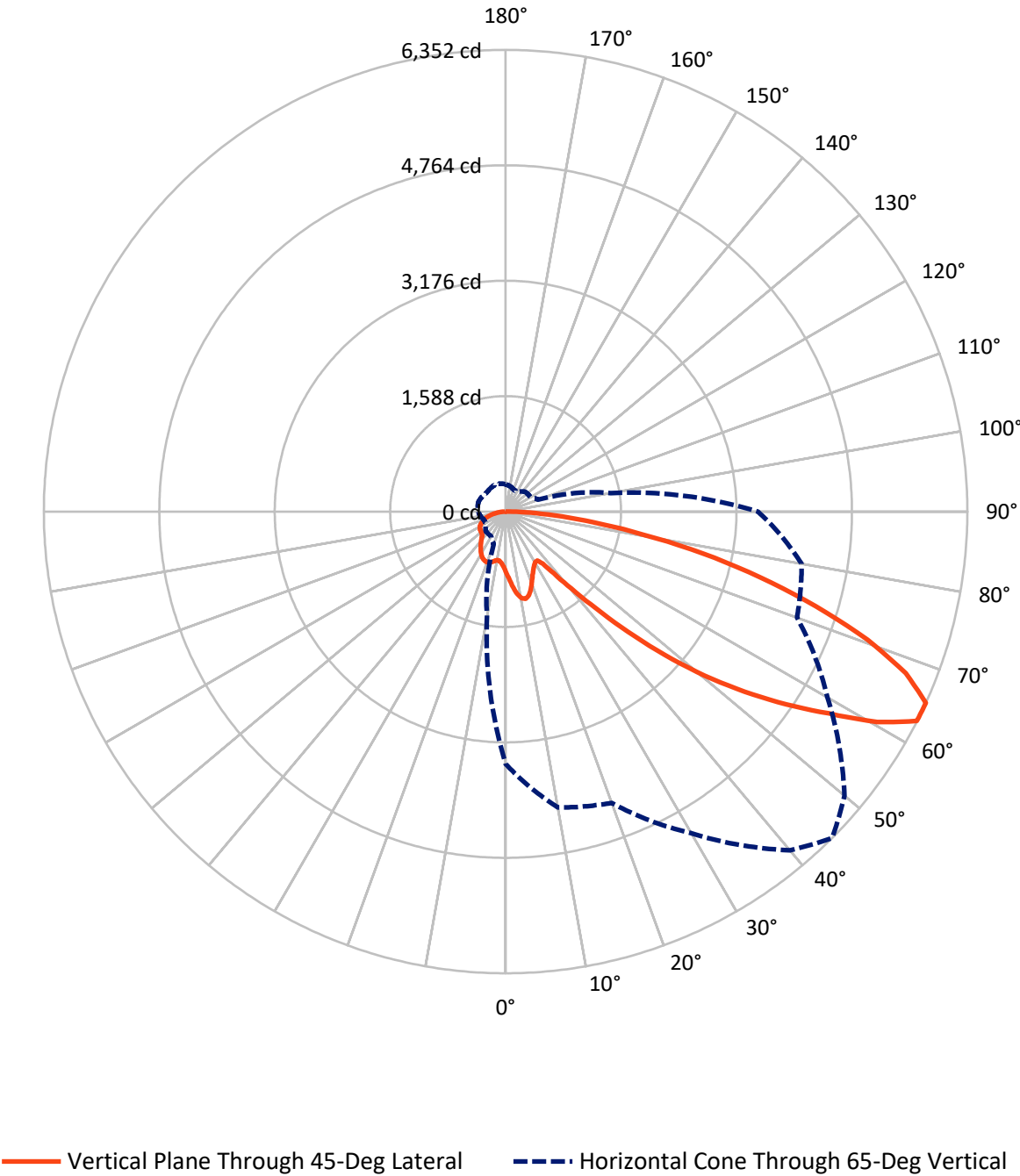
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 fc  
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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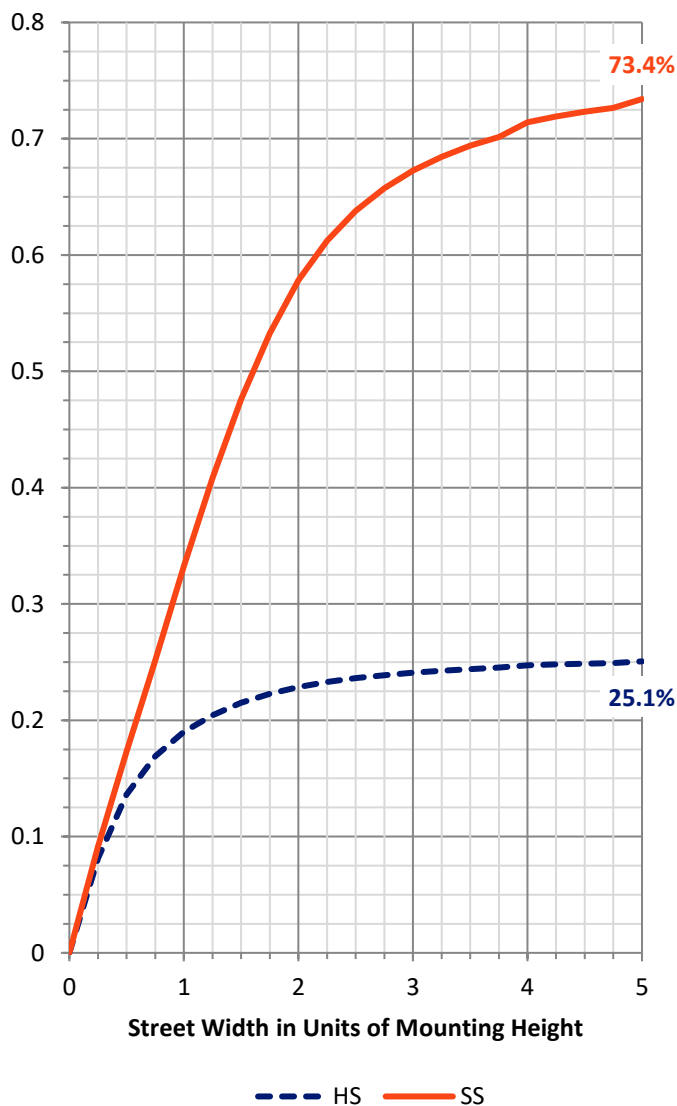
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1546.9   | 0.0    | 1546.9 |
|                    | % Fixture | 25.4     | 0.0    | 25.4   |
| <b>Street Side</b> | Lumens    | 4539.6   | 0.0    | 4539.6 |
|                    | % Fixture | 74.6     | 0.0    | 74.6   |
| <b>Total</b>       | Lumens    | 6086.4   | 0.0    | 6086.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 83.0   | 1.4       |
| 10°-20°   | 260.6  | 4.3       |
| 20°-30°   | 402.6  | 6.6       |
| 30°-40°   | 510.2  | 8.4       |
| 40°-50°   | 769.5  | 12.6      |
| 50°-60°   | 1243.2 | 20.4      |
| 60°-70°   | 1549.8 | 25.5      |
| 70°-80°   | 1016.3 | 16.7      |
| 80°-90°   | 251.3  | 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°    | 6086.4 | 100.0     |
| 0°-180°   | 6086.4 | 100.0     |

**Coefficient of Utilization**



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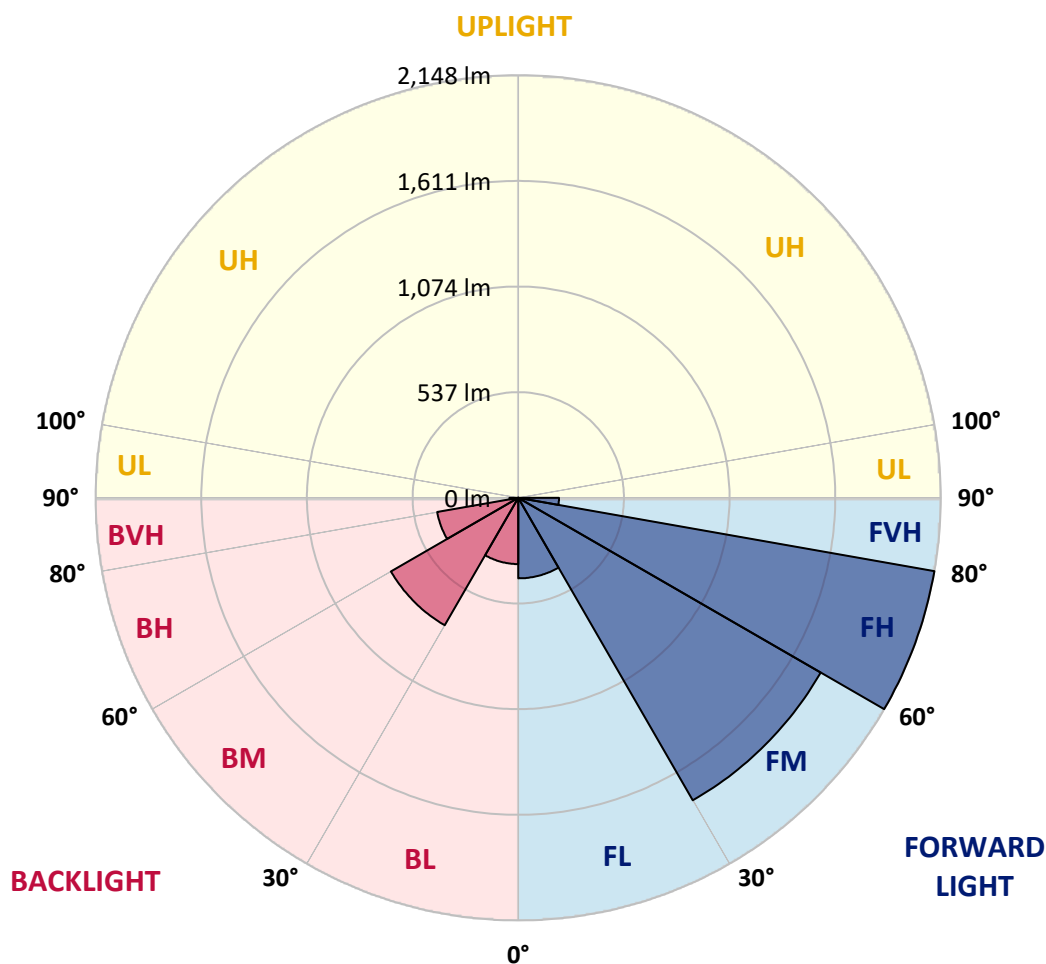
CATALOG NUMBER: NAV-SB1B-760-U-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 409.4  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 1775.3 | 29.2      |                         |      |         |
| FH   | (60°-80°)   | 2147.9 | 35.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 207.0  | 3.4       |                         |      | G2/225  |
| BL   | (0°-30°)    | 336.8  | 5.5       | B1/500                  |      |         |
| BM   | (30°-60°)   | 747.5  | 12.3      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 418.2  | 6.9       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 44.3   | 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°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  |
| 2.5°  | 900.1  | 903.4  | 906.9  | 911.7  | 916.6  | 919.5  | 922.4  | 923.8  | 925.3  | 924.7  | 925.3  |
| 5°    | 967.8  | 979.7  | 991.7  | 1003.5 | 1015.4 | 1021.7 | 1028.2 | 1032.1 | 1036.0 | 1038.9 | 1036.0 |
| 7.5°  | 1035.9 | 1055.3 | 1074.6 | 1092.1 | 1109.6 | 1120.0 | 1130.6 | 1136.2 | 1141.8 | 1144.6 | 1141.8 |
| 10°   | 1088.0 | 1111.0 | 1134.0 | 1154.4 | 1174.9 | 1187.3 | 1199.6 | 1205.1 | 1210.6 | 1212.7 | 1210.6 |
| 12.5° | 1120.0 | 1144.9 | 1169.7 | 1188.2 | 1206.6 | 1215.6 | 1224.7 | 1227.6 | 1230.7 | 1231.0 | 1230.7 |
| 15°   | 1139.5 | 1160.9 | 1182.3 | 1193.9 | 1205.6 | 1205.9 | 1206.2 | 1203.0 | 1199.8 | 1196.0 | 1199.8 |
| 17.5° | 1150.4 | 1164.9 | 1179.4 | 1179.6 | 1179.8 | 1166.8 | 1153.7 | 1141.8 | 1129.9 | 1121.5 | 1129.9 |
| 20°   | 1162.5 | 1167.5 | 1172.6 | 1157.3 | 1142.1 | 1113.4 | 1084.7 | 1063.7 | 1042.8 | 1029.9 | 1042.8 |
| 22.5° | 1176.4 | 1169.8 | 1163.2 | 1131.6 | 1099.9 | 1057.7 | 1015.5 | 989.3  | 963.2  | 949.0  | 963.2  |
| 25°   | 1194.4 | 1173.5 | 1152.6 | 1104.6 | 1056.7 | 1005.4 | 954.1  | 926.6  | 899.1  | 885.8  | 899.1  |
| 27.5° | 1218.8 | 1181.5 | 1144.1 | 1080.6 | 1017.0 | 960.2  | 903.3  | 876.3  | 849.3  | 836.6  | 849.3  |
| 30°   | 1251.7 | 1196.1 | 1140.4 | 1062.2 | 984.0  | 924.8  | 865.5  | 840.4  | 815.4  | 803.5  | 815.4  |
| 32.5° | 1290.6 | 1214.3 | 1138.2 | 1049.7 | 961.1  | 905.5  | 849.8  | 830.1  | 810.5  | 802.0  | 810.5  |
| 35°   | 1337.8 | 1244.6 | 1151.3 | 1059.0 | 966.9  | 928.1  | 889.5  | 885.0  | 880.4  | 879.7  | 880.4  |
| 37.5° | 1417.3 | 1307.6 | 1197.8 | 1114.1 | 1030.2 | 1027.7 | 1025.2 | 1046.2 | 1067.2 | 1078.1 | 1067.2 |
| 40°   | 1537.4 | 1418.1 | 1298.8 | 1236.5 | 1174.1 | 1218.1 | 1262.1 | 1313.1 | 1364.2 | 1389.7 | 1364.2 |
| 42.5° | 1696.7 | 1578.3 | 1459.9 | 1424.0 | 1388.2 | 1484.1 | 1580.0 | 1672.9 | 1765.8 | 1820.3 | 1765.8 |
| 45°   | 1893.4 | 1787.1 | 1680.7 | 1664.8 | 1649.0 | 1802.8 | 1956.5 | 2109.1 | 2261.8 | 2354.4 | 2261.8 |
| 47.5° | 2139.4 | 2036.0 | 1932.4 | 1929.3 | 1926.1 | 2147.9 | 2369.6 | 2593.0 | 2816.4 | 2947.6 | 2816.4 |
| 50°   | 2461.8 | 2334.0 | 2206.3 | 2206.8 | 2207.3 | 2493.2 | 2779.1 | 3074.0 | 3368.9 | 3547.2 | 3368.9 |
| 52.5° | 2832.0 | 2677.2 | 2522.5 | 2506.9 | 2491.3 | 2832.7 | 3174.1 | 3539.0 | 3903.8 | 4117.5 | 3903.8 |
| 55°   | 3226.1 | 3073.2 | 2920.3 | 2859.3 | 2798.4 | 3178.3 | 3558.3 | 3993.3 | 4428.3 | 4682.5 | 4428.3 |
| 57.5° | 3584.4 | 3501.2 | 3418.0 | 3295.6 | 3173.3 | 3557.0 | 3940.7 | 4433.4 | 4926.0 | 5241.3 | 4926.0 |
| 60°   | 3801.1 | 3930.4 | 4059.7 | 3907.8 | 3755.9 | 4119.0 | 4482.1 | 5009.6 | 5537.2 | 5877.9 | 5537.2 |
| 62.5° | 3691.0 | 4044.3 | 4397.7 | 4380.5 | 4363.4 | 4696.0 | 5028.8 | 5530.6 | 6032.4 | 6347.4 | 6032.4 |
| 65°   | 3471.0 | 3802.5 | 4134.1 | 4199.7 | 4265.3 | 4688.0 | 5110.8 | 5597.4 | 6084.1 | 6352.2 | 6084.1 |
| 67.5° | 3176.0 | 3491.4 | 3806.6 | 3837.5 | 3868.1 | 4308.6 | 4749.0 | 5237.9 | 5726.6 | 5936.6 | 5726.6 |
| 70°   | 2821.5 | 3164.6 | 3507.7 | 3521.4 | 3535.1 | 3929.0 | 4322.8 | 4743.5 | 5164.1 | 5280.8 | 5164.1 |
| 72.5° | 2399.2 | 2792.8 | 3186.5 | 3196.5 | 3206.3 | 3514.4 | 3822.6 | 4137.6 | 4452.6 | 4464.4 | 4452.6 |
| 75°   | 1865.0 | 2272.4 | 2679.9 | 2716.4 | 2752.9 | 2992.7 | 3232.4 | 3454.2 | 3676.0 | 3616.6 | 3676.0 |
| 77.5° | 1332.5 | 1712.8 | 2093.2 | 2145.5 | 2197.8 | 2380.2 | 2562.4 | 2719.6 | 2877.0 | 2774.8 | 2877.0 |
| 80°   | 872.1  | 1192.1 | 1512.0 | 1577.1 | 1642.2 | 1779.8 | 1917.4 | 2000.0 | 2082.6 | 1918.3 | 2082.6 |
| 82.5° | 507.0  | 725.7  | 944.4  | 1017.1 | 1089.9 | 1184.6 | 1279.3 | 1313.8 | 1348.2 | 1219.1 | 1348.2 |
| 85°   | 223.0  | 339.2  | 455.2  | 517.1  | 578.9  | 656.7  | 734.5  | 754.1  | 773.7  | 670.2  | 773.7  |
| 87.5° | 69.1   | 108.0  | 147.1  | 181.6  | 216.1  | 255.0  | 294.0  | 295.6  | 297.2  | 249.6  | 297.2  |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  |
| 2.5°  | 923.8  | 922.4  | 919.5  | 916.6  | 911.7  | 906.9  | 903.4  | 900.1  | 893.2  | 886.2  | 878.8  |
| 5°    | 1032.1 | 1028.2 | 1021.7 | 1015.4 | 1003.5 | 991.7  | 979.7  | 967.8  | 952.5  | 937.3  | 922.1  |
| 7.5°  | 1136.2 | 1130.6 | 1120.0 | 1109.6 | 1092.1 | 1074.6 | 1055.3 | 1035.9 | 1010.8 | 985.5  | 962.3  |
| 10°   | 1205.1 | 1199.6 | 1187.3 | 1174.9 | 1154.4 | 1134.0 | 1111.0 | 1088.0 | 1056.3 | 1024.4 | 993.7  |
| 12.5° | 1227.6 | 1224.7 | 1215.6 | 1206.6 | 1188.2 | 1169.7 | 1144.9 | 1120.0 | 1085.1 | 1050.1 | 1015.3 |
| 15°   | 1203.0 | 1206.2 | 1205.9 | 1205.6 | 1193.9 | 1182.3 | 1160.9 | 1139.5 | 1103.0 | 1066.6 | 1028.8 |
| 17.5° | 1141.8 | 1153.7 | 1166.8 | 1179.8 | 1179.6 | 1179.4 | 1164.9 | 1150.4 | 1113.5 | 1076.5 | 1035.2 |
| 20°   | 1063.7 | 1084.7 | 1113.4 | 1142.1 | 1157.3 | 1172.6 | 1167.5 | 1162.5 | 1124.0 | 1085.6 | 1040.3 |
| 22.5° | 989.3  | 1015.5 | 1057.7 | 1099.9 | 1131.6 | 1163.2 | 1169.8 | 1176.4 | 1137.1 | 1097.9 | 1047.1 |
| 25°   | 926.6  | 954.1  | 1005.4 | 1056.7 | 1104.6 | 1152.6 | 1173.5 | 1194.4 | 1155.9 | 1117.5 | 1059.4 |
| 27.5° | 876.3  | 903.3  | 960.2  | 1017.0 | 1080.6 | 1144.1 | 1181.5 | 1218.8 | 1182.1 | 1145.4 | 1078.7 |
| 30°   | 840.4  | 865.5  | 924.8  | 984.0  | 1062.2 | 1140.4 | 1196.1 | 1251.7 | 1216.3 | 1180.8 | 1103.6 |
| 32.5° | 830.1  | 849.8  | 905.5  | 961.1  | 1049.7 | 1138.2 | 1214.3 | 1290.6 | 1255.5 | 1220.4 | 1129.8 |
| 35°   | 885.0  | 889.5  | 928.1  | 966.9  | 1059.0 | 1151.3 | 1244.6 | 1337.8 | 1304.2 | 1270.6 | 1159.4 |
| 37.5° | 1046.2 | 1025.2 | 1027.7 | 1030.2 | 1114.1 | 1197.8 | 1307.6 | 1417.3 | 1374.4 | 1331.6 | 1192.6 |
| 40°   | 1313.1 | 1262.1 | 1218.1 | 1174.1 | 1236.5 | 1298.8 | 1418.1 | 1537.4 | 1475.0 | 1412.6 | 1234.8 |
| 42.5° | 1672.9 | 1580.0 | 1484.1 | 1388.2 | 1424.0 | 1459.9 | 1578.3 | 1696.7 | 1606.6 | 1516.5 | 1290.1 |
| 45°   | 2109.1 | 1956.5 | 1802.8 | 1649.0 | 1664.8 | 1680.7 | 1787.1 | 1893.4 | 1771.8 | 1650.2 | 1362.6 |
| 47.5° | 2593.0 | 2369.6 | 2147.9 | 1926.1 | 1929.3 | 1932.4 | 2036.0 | 2139.4 | 1968.3 | 1797.2 | 1440.1 |
| 50°   | 3074.0 | 2779.1 | 2493.2 | 2207.3 | 2206.8 | 2206.3 | 2334.0 | 2461.8 | 2204.0 | 1946.0 | 1511.9 |
| 52.5° | 3539.0 | 3174.1 | 2832.7 | 2491.3 | 2506.9 | 2522.5 | 2677.2 | 2832.0 | 2451.4 | 2070.8 | 1558.5 |
| 55°   | 3993.3 | 3558.3 | 3178.3 | 2798.4 | 2859.3 | 2920.3 | 3073.2 | 3226.1 | 2670.8 | 2115.6 | 1548.3 |
| 57.5° | 4433.4 | 3940.7 | 3557.0 | 3173.3 | 3295.6 | 3418.0 | 3501.2 | 3584.4 | 2826.3 | 2068.2 | 1475.9 |
| 60°   | 5009.6 | 4482.1 | 4119.0 | 3755.9 | 3907.8 | 4059.7 | 3930.4 | 3801.1 | 2865.2 | 1929.3 | 1341.3 |
| 62.5° | 5530.6 | 5028.8 | 4696.0 | 4363.4 | 4380.5 | 4397.7 | 4044.3 | 3691.0 | 2701.6 | 1712.1 | 1159.3 |
| 65°   | 5597.4 | 5110.8 | 4688.0 | 4265.3 | 4199.7 | 4134.1 | 3802.5 | 3471.0 | 2470.0 | 1469.1 | 973.6  |
| 67.5° | 5237.9 | 4749.0 | 4308.6 | 3868.1 | 3837.5 | 3806.6 | 3491.4 | 3176.0 | 2194.5 | 1213.1 | 791.7  |
| 70°   | 4743.5 | 4322.8 | 3929.0 | 3535.1 | 3521.4 | 3507.7 | 3164.6 | 2821.5 | 1893.9 | 966.2  | 623.4  |
| 72.5° | 4137.6 | 3822.6 | 3514.4 | 3206.3 | 3196.5 | 3186.5 | 2792.8 | 2399.2 | 1567.9 | 736.8  | 476.5  |
| 75°   | 3454.2 | 3232.4 | 2992.7 | 2752.9 | 2716.4 | 2679.9 | 2272.4 | 1865.0 | 1194.3 | 523.8  | 345.9  |
| 77.5° | 2719.6 | 2562.4 | 2380.2 | 2197.8 | 2145.5 | 2093.2 | 1712.8 | 1332.5 | 836.0  | 339.4  | 234.4  |
| 80°   | 2000.0 | 1917.4 | 1779.8 | 1642.2 | 1577.1 | 1512.0 | 1192.1 | 872.1  | 538.5  | 205.1  | 151.0  |
| 82.5° | 1313.8 | 1279.3 | 1184.6 | 1089.9 | 1017.1 | 944.4  | 725.7  | 507.0  | 311.7  | 116.5  | 92.9   |
| 85°   | 754.1  | 734.5  | 656.7  | 578.9  | 517.1  | 455.2  | 339.2  | 223.0  | 140.2  | 57.4   | 49.6   |
| 87.5° | 295.6  | 294.0  | 255.0  | 216.1  | 181.6  | 147.1  | 108.0  | 69.1   | 45.9   | 22.8   | 20.6   |
| 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):**

|       | 110°   | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 836.9  | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 |
| 2.5°  | 871.6  | 864.2 | 856.8 | 849.7 | 842.7 | 835.8 | 828.2 | 822.0 | 815.9 | 810.4 | 804.8 |
| 5°    | 906.9  | 891.5 | 876.3 | 862.0 | 847.7 | 834.2 | 820.9 | 809.2 | 797.6 | 787.8 | 778.1 |
| 7.5°  | 939.1  | 916.5 | 893.8 | 873.8 | 853.9 | 835.5 | 818.3 | 802.8 | 787.3 | 774.5 | 761.7 |
| 10°   | 963.0  | 935.5 | 907.9 | 884.4 | 860.8 | 838.0 | 819.5 | 803.2 | 786.9 | 774.1 | 761.2 |
| 12.5° | 980.5  | 948.0 | 915.6 | 889.0 | 862.2 | 838.3 | 821.1 | 807.8 | 794.5 | 786.0 | 777.5 |
| 15°   | 991.1  | 953.7 | 916.4 | 885.4 | 854.5 | 828.1 | 814.3 | 807.9 | 801.6 | 802.7 | 803.9 |
| 17.5° | 994.0  | 950.7 | 907.3 | 870.2 | 833.0 | 802.0 | 793.5 | 795.8 | 798.1 | 812.1 | 826.0 |
| 20°   | 995.0  | 942.5 | 889.9 | 843.9 | 797.9 | 761.7 | 759.4 | 770.3 | 781.3 | 805.5 | 829.8 |
| 22.5° | 996.3  | 932.3 | 868.5 | 813.0 | 757.6 | 716.4 | 720.8 | 736.9 | 753.1 | 780.8 | 808.6 |
| 25°   | 1001.3 | 922.4 | 843.5 | 778.6 | 713.6 | 671.4 | 683.3 | 701.9 | 720.5 | 745.5 | 770.5 |
| 27.5° | 1012.0 | 915.7 | 819.6 | 747.0 | 674.4 | 636.0 | 650.5 | 668.5 | 686.4 | 707.0 | 727.4 |
| 30°   | 1026.5 | 912.7 | 798.8 | 720.7 | 642.7 | 610.4 | 621.7 | 635.9 | 650.3 | 667.3 | 684.3 |
| 32.5° | 1039.0 | 908.8 | 778.6 | 698.0 | 617.5 | 591.4 | 596.4 | 604.9 | 613.4 | 626.9 | 640.5 |
| 35°   | 1048.2 | 901.6 | 755.0 | 675.7 | 596.3 | 574.7 | 572.7 | 574.9 | 577.3 | 587.6 | 598.0 |
| 37.5° | 1053.7 | 889.1 | 724.6 | 649.4 | 574.2 | 555.2 | 547.7 | 545.1 | 542.5 | 549.9 | 557.4 |
| 40°   | 1057.1 | 872.0 | 687.0 | 618.1 | 549.2 | 532.0 | 520.3 | 514.4 | 508.6 | 514.0 | 519.4 |
| 42.5° | 1063.6 | 854.3 | 645.1 | 583.4 | 521.8 | 505.9 | 491.2 | 483.5 | 475.8 | 480.2 | 484.5 |
| 45°   | 1075.1 | 837.9 | 600.9 | 546.7 | 492.6 | 476.6 | 462.3 | 454.8 | 447.3 | 451.0 | 454.7 |
| 47.5° | 1082.9 | 824.4 | 565.8 | 517.6 | 469.6 | 448.8 | 436.5 | 430.2 | 423.9 | 427.4 | 430.8 |
| 50°   | 1077.8 | 809.6 | 541.4 | 498.4 | 455.3 | 428.1 | 413.8 | 408.3 | 402.6 | 408.1 | 413.5 |
| 52.5° | 1046.2 | 784.6 | 523.2 | 485.6 | 448.1 | 416.9 | 396.9 | 391.3 | 385.9 | 394.0 | 402.1 |
| 55°   | 980.8  | 743.3 | 505.7 | 476.4 | 447.1 | 418.0 | 387.9 | 379.1 | 370.4 | 382.0 | 393.5 |
| 57.5° | 883.7  | 685.0 | 486.3 | 465.6 | 444.8 | 419.1 | 382.5 | 369.8 | 357.1 | 369.4 | 381.8 |
| 60°   | 753.4  | 609.3 | 465.1 | 448.8 | 432.6 | 415.5 | 377.4 | 360.9 | 344.4 | 355.4 | 366.2 |
| 62.5° | 606.6  | 518.6 | 430.6 | 419.7 | 409.0 | 406.9 | 371.6 | 350.9 | 330.4 | 337.2 | 344.1 |
| 65°   | 478.2  | 437.1 | 396.0 | 390.8 | 385.8 | 386.0 | 359.1 | 337.1 | 315.2 | 317.9 | 320.5 |
| 67.5° | 370.3  | 358.7 | 347.0 | 349.8 | 352.7 | 352.0 | 336.8 | 318.6 | 300.3 | 299.5 | 298.7 |
| 70°   | 280.5  | 283.8 | 287.2 | 300.4 | 313.6 | 313.6 | 308.6 | 295.6 | 282.7 | 279.8 | 276.9 |
| 72.5° | 216.4  | 226.4 | 236.6 | 255.3 | 274.0 | 277.2 | 277.3 | 268.3 | 259.4 | 255.2 | 251.0 |
| 75°   | 168.0  | 177.1 | 186.2 | 207.3 | 228.3 | 242.8 | 241.6 | 234.7 | 227.9 | 223.9 | 219.8 |
| 77.5° | 129.4  | 135.6 | 141.8 | 162.2 | 182.6 | 206.5 | 205.8 | 200.4 | 194.9 | 190.8 | 186.7 |
| 80°   | 97.0   | 99.5  | 102.1 | 119.4 | 136.6 | 165.2 | 165.1 | 160.5 | 155.9 | 152.5 | 149.0 |
| 82.5° | 69.3   | 69.8  | 70.3  | 83.0  | 95.7  | 120.1 | 121.5 | 119.2 | 117.0 | 114.5 | 112.1 |
| 85°   | 41.9   | 41.7  | 41.4  | 50.7  | 60.1  | 78.2  | 79.9  | 77.6  | 75.1  | 72.5  | 69.7  |
| 87.5° | 18.3   | 18.1  | 17.9  | 21.7  | 25.5  | 33.1  | 35.4  | 34.3  | 33.4  | 32.9  | 32.4  |
| 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: P959913

CATALOG NUMBER: NAV-SB1B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 |
| 2.5°  | 800.0 | 795.1 | 790.3 | 785.4 | 781.7 | 777.9 | 774.8 | 771.7 | 769.4 | 767.0 | 764.9 |
| 5°    | 769.5 | 760.9 | 753.1 | 745.3 | 739.2 | 733.2 | 729.0 | 724.8 | 721.8 | 718.8 | 716.6 |
| 7.5°  | 750.8 | 739.9 | 730.4 | 720.9 | 713.7 | 706.5 | 701.5 | 696.5 | 693.1 | 689.7 | 687.7 |
| 10°   | 749.6 | 737.9 | 727.1 | 716.4 | 707.8 | 699.3 | 693.6 | 688.0 | 684.7 | 681.5 | 679.8 |
| 12.5° | 768.2 | 759.1 | 748.0 | 736.9 | 726.0 | 715.0 | 707.9 | 700.6 | 697.0 | 693.4 | 691.9 |
| 15°   | 801.4 | 799.1 | 789.5 | 779.8 | 764.2 | 748.7 | 737.7 | 726.7 | 721.7 | 716.7 | 714.7 |
| 17.5° | 833.5 | 840.9 | 833.1 | 825.3 | 804.8 | 784.2 | 768.0 | 751.8 | 744.4 | 736.9 | 734.4 |
| 20°   | 845.4 | 861.0 | 857.4 | 853.8 | 830.2 | 806.8 | 786.9 | 767.1 | 757.6 | 747.9 | 745.0 |
| 22.5° | 828.9 | 849.1 | 851.4 | 853.5 | 831.0 | 808.5 | 788.1 | 767.6 | 757.6 | 747.5 | 744.2 |
| 25°   | 790.4 | 810.4 | 817.8 | 825.2 | 806.8 | 788.4 | 770.2 | 752.0 | 743.3 | 734.6 | 731.4 |
| 27.5° | 743.4 | 759.5 | 767.7 | 776.1 | 762.9 | 749.9 | 735.7 | 721.6 | 715.8 | 709.9 | 708.5 |
| 30°   | 697.6 | 710.8 | 717.6 | 724.4 | 714.4 | 704.4 | 694.2 | 684.1 | 681.1 | 678.1 | 678.1 |
| 32.5° | 653.2 | 666.0 | 673.5 | 681.0 | 671.8 | 662.7 | 654.6 | 646.5 | 644.5 | 642.6 | 642.9 |
| 35°   | 610.6 | 623.2 | 632.2 | 641.2 | 634.7 | 628.1 | 620.6 | 613.3 | 610.3 | 607.3 | 606.7 |
| 37.5° | 569.9 | 582.5 | 593.7 | 604.8 | 601.7 | 598.7 | 591.8 | 585.0 | 579.5 | 574.2 | 571.3 |
| 40°   | 531.6 | 543.7 | 556.5 | 569.3 | 570.0 | 570.7 | 564.9 | 559.0 | 551.1 | 543.4 | 538.0 |
| 42.5° | 496.1 | 507.6 | 521.4 | 535.3 | 538.9 | 542.6 | 537.7 | 532.8 | 523.1 | 513.2 | 505.4 |
| 45°   | 465.7 | 476.5 | 490.9 | 505.2 | 510.4 | 515.8 | 511.4 | 507.0 | 495.7 | 484.5 | 475.5 |
| 47.5° | 441.6 | 452.2 | 466.3 | 480.4 | 486.6 | 492.6 | 489.5 | 486.5 | 476.5 | 466.6 | 458.2 |
| 50°   | 423.5 | 433.7 | 446.3 | 458.9 | 466.8 | 474.6 | 474.4 | 474.3 | 466.3 | 458.4 | 450.6 |
| 52.5° | 411.3 | 420.6 | 432.3 | 444.1 | 453.5 | 462.7 | 464.4 | 466.1 | 459.6 | 453.0 | 446.1 |
| 55°   | 403.4 | 413.4 | 423.7 | 434.1 | 443.8 | 453.8 | 456.0 | 458.4 | 452.7 | 447.0 | 441.0 |
| 57.5° | 393.5 | 405.3 | 415.4 | 425.7 | 435.6 | 445.5 | 447.8 | 450.2 | 444.4 | 438.8 | 432.8 |
| 60°   | 379.7 | 393.0 | 403.4 | 413.8 | 423.7 | 433.7 | 436.3 | 438.9 | 433.3 | 427.7 | 421.5 |
| 62.5° | 359.8 | 375.5 | 386.5 | 397.6 | 406.7 | 415.8 | 418.3 | 420.8 | 415.7 | 410.7 | 404.2 |
| 65°   | 337.3 | 354.0 | 364.7 | 375.3 | 383.3 | 391.3 | 393.9 | 396.4 | 391.5 | 386.6 | 380.3 |
| 67.5° | 314.2 | 329.6 | 339.7 | 349.7 | 356.7 | 363.6 | 366.1 | 368.5 | 364.1 | 359.7 | 353.7 |
| 70°   | 290.5 | 304.1 | 312.8 | 321.4 | 327.7 | 334.0 | 336.4 | 338.8 | 335.2 | 331.5 | 325.8 |
| 72.5° | 261.7 | 272.4 | 280.2 | 288.1 | 294.2 | 300.3 | 303.2 | 306.0 | 303.0 | 299.9 | 294.6 |
| 75°   | 227.7 | 235.6 | 242.7 | 249.9 | 255.4 | 261.1 | 264.0 | 266.9 | 265.5 | 264.0 | 259.4 |
| 77.5° | 193.1 | 199.6 | 205.7 | 211.8 | 217.7 | 223.6 | 226.3 | 229.1 | 227.0 | 224.9 | 220.3 |
| 80°   | 154.4 | 159.8 | 164.9 | 170.0 | 174.6 | 179.0 | 182.7 | 186.2 | 185.4 | 184.5 | 178.4 |
| 82.5° | 111.6 | 111.2 | 109.4 | 107.6 | 117.1 | 126.6 | 132.8 | 139.1 | 138.7 | 138.3 | 133.0 |
| 85°   | 67.3  | 65.0  | 60.1  | 55.0  | 64.0  | 72.9  | 80.6  | 88.4  | 87.6  | 87.0  | 83.0  |
| 87.5° | 32.3  | 32.2  | 28.4  | 24.6  | 28.3  | 32.1  | 35.2  | 38.2  | 37.5  | 36.7  | 34.6  |
| 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: P959913

CATALOG NUMBER: NAV-SB1B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 |
| 2.5°  | 762.6 | 759.8 | 762.6 | 764.9 | 767.0 | 769.4 | 771.7 | 774.8 | 777.9 | 781.7 | 785.4 |
| 5°    | 714.2 | 712.0 | 714.2 | 716.6 | 718.8 | 721.8 | 724.8 | 729.0 | 733.2 | 739.2 | 745.3 |
| 7.5°  | 685.6 | 684.1 | 685.6 | 687.7 | 689.7 | 693.1 | 696.5 | 701.5 | 706.5 | 713.7 | 720.9 |
| 10°   | 678.0 | 677.3 | 678.0 | 679.8 | 681.5 | 684.7 | 688.0 | 693.6 | 699.3 | 707.8 | 716.4 |
| 12.5° | 690.4 | 690.1 | 690.4 | 691.9 | 693.4 | 697.0 | 700.6 | 707.9 | 715.0 | 726.0 | 736.9 |
| 15°   | 712.8 | 712.7 | 712.8 | 714.7 | 716.7 | 721.7 | 726.7 | 737.7 | 748.7 | 764.2 | 779.8 |
| 17.5° | 732.0 | 731.6 | 732.0 | 734.4 | 736.9 | 744.4 | 751.8 | 768.0 | 784.2 | 804.8 | 825.3 |
| 20°   | 741.9 | 740.9 | 741.9 | 745.0 | 747.9 | 757.6 | 767.1 | 786.9 | 806.8 | 830.2 | 853.8 |
| 22.5° | 740.8 | 739.3 | 740.8 | 744.2 | 747.5 | 757.6 | 767.6 | 788.1 | 808.5 | 831.0 | 853.5 |
| 25°   | 728.4 | 726.4 | 728.4 | 731.4 | 734.6 | 743.3 | 752.0 | 770.2 | 788.4 | 806.8 | 825.2 |
| 27.5° | 707.0 | 706.5 | 707.0 | 708.5 | 709.9 | 715.8 | 721.6 | 735.7 | 749.9 | 762.9 | 776.1 |
| 30°   | 678.1 | 678.7 | 678.1 | 678.1 | 678.1 | 681.1 | 684.1 | 694.2 | 704.4 | 714.4 | 724.4 |
| 32.5° | 643.1 | 643.6 | 643.1 | 642.9 | 642.6 | 644.5 | 646.5 | 654.6 | 662.7 | 671.8 | 681.0 |
| 35°   | 606.0 | 605.7 | 606.0 | 606.7 | 607.3 | 610.3 | 613.3 | 620.6 | 628.1 | 634.7 | 641.2 |
| 37.5° | 568.5 | 566.8 | 568.5 | 571.3 | 574.2 | 579.5 | 585.0 | 591.8 | 598.7 | 601.7 | 604.8 |
| 40°   | 532.7 | 529.6 | 532.7 | 538.0 | 543.4 | 551.1 | 559.0 | 564.9 | 570.7 | 570.0 | 569.3 |
| 42.5° | 497.7 | 492.6 | 497.7 | 505.4 | 513.2 | 523.1 | 532.8 | 537.7 | 542.6 | 538.9 | 535.3 |
| 45°   | 466.4 | 460.5 | 466.4 | 475.5 | 484.5 | 495.7 | 507.0 | 511.4 | 515.8 | 510.4 | 505.2 |
| 47.5° | 449.8 | 444.1 | 449.8 | 458.2 | 466.6 | 476.5 | 486.5 | 489.5 | 492.6 | 486.6 | 480.4 |
| 50°   | 442.8 | 437.4 | 442.8 | 450.6 | 458.4 | 466.3 | 474.3 | 474.4 | 474.6 | 466.8 | 458.9 |
| 52.5° | 439.2 | 434.2 | 439.2 | 446.1 | 453.0 | 459.6 | 466.1 | 464.4 | 462.7 | 453.5 | 444.1 |
| 55°   | 434.8 | 430.4 | 434.8 | 441.0 | 447.0 | 452.7 | 458.4 | 456.0 | 453.8 | 443.8 | 434.1 |
| 57.5° | 426.7 | 422.0 | 426.7 | 432.8 | 438.8 | 444.4 | 450.2 | 447.8 | 445.5 | 435.6 | 425.7 |
| 60°   | 415.2 | 410.4 | 415.2 | 421.5 | 427.7 | 433.3 | 438.9 | 436.3 | 433.7 | 423.7 | 413.8 |
| 62.5° | 397.6 | 391.9 | 397.6 | 404.2 | 410.7 | 415.7 | 420.8 | 418.3 | 415.8 | 406.7 | 397.6 |
| 65°   | 374.0 | 369.0 | 374.0 | 380.3 | 386.6 | 391.5 | 396.4 | 393.9 | 391.3 | 383.3 | 375.3 |
| 67.5° | 347.8 | 343.3 | 347.8 | 353.7 | 359.7 | 364.1 | 368.5 | 366.1 | 363.6 | 356.7 | 349.7 |
| 70°   | 320.2 | 315.1 | 320.2 | 325.8 | 331.5 | 335.2 | 338.8 | 336.4 | 334.0 | 327.7 | 321.4 |
| 72.5° | 289.2 | 284.2 | 289.2 | 294.6 | 299.9 | 303.0 | 306.0 | 303.2 | 300.3 | 294.2 | 288.1 |
| 75°   | 254.9 | 250.2 | 254.9 | 259.4 | 264.0 | 265.5 | 266.9 | 264.0 | 261.1 | 255.4 | 249.9 |
| 77.5° | 215.8 | 212.0 | 215.8 | 220.3 | 224.9 | 227.0 | 229.1 | 226.3 | 223.6 | 217.7 | 211.8 |
| 80°   | 172.2 | 165.0 | 172.2 | 178.4 | 184.5 | 185.4 | 186.2 | 182.7 | 179.0 | 174.6 | 170.0 |
| 82.5° | 127.9 | 123.3 | 127.9 | 133.0 | 138.3 | 138.7 | 139.1 | 132.8 | 126.6 | 117.1 | 107.6 |
| 85°   | 78.9  | 74.8  | 78.9  | 83.0  | 87.0  | 87.6  | 88.4  | 80.6  | 72.9  | 64.0  | 55.0  |
| 87.5° | 32.5  | 30.5  | 32.5  | 34.6  | 36.7  | 37.5  | 38.2  | 35.2  | 32.1  | 28.3  | 24.6  |
| 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: P959913

CATALOG NUMBER: NAV-SB1B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 |
| 2.5°  | 790.3 | 795.1 | 800.0 | 804.8 | 810.4 | 815.9 | 822.0 | 828.2 | 835.8 | 842.7 | 849.7 |
| 5°    | 753.1 | 760.9 | 769.5 | 778.1 | 787.8 | 797.6 | 809.2 | 820.9 | 834.2 | 847.7 | 862.0 |
| 7.5°  | 730.4 | 739.9 | 750.8 | 761.7 | 774.5 | 787.3 | 802.8 | 818.3 | 835.5 | 853.9 | 873.8 |
| 10°   | 727.1 | 737.9 | 749.6 | 761.2 | 774.1 | 786.9 | 803.2 | 819.5 | 838.0 | 860.8 | 884.4 |
| 12.5° | 748.0 | 759.1 | 768.2 | 777.5 | 786.0 | 794.5 | 807.8 | 821.1 | 838.3 | 862.2 | 889.0 |
| 15°   | 789.5 | 799.1 | 801.4 | 803.9 | 802.7 | 801.6 | 807.9 | 814.3 | 828.1 | 854.5 | 885.4 |
| 17.5° | 833.1 | 840.9 | 833.5 | 826.0 | 812.1 | 798.1 | 795.8 | 793.5 | 802.0 | 833.0 | 870.2 |
| 20°   | 857.4 | 861.0 | 845.4 | 829.8 | 805.5 | 781.3 | 770.3 | 759.4 | 761.7 | 797.9 | 843.9 |
| 22.5° | 851.4 | 849.1 | 828.9 | 808.6 | 780.8 | 753.1 | 736.9 | 720.8 | 716.4 | 757.6 | 813.0 |
| 25°   | 817.8 | 810.4 | 790.4 | 770.5 | 745.5 | 720.5 | 701.9 | 683.3 | 671.4 | 713.6 | 778.6 |
| 27.5° | 767.7 | 759.5 | 743.4 | 727.4 | 707.0 | 686.4 | 668.5 | 650.5 | 636.0 | 674.4 | 747.0 |
| 30°   | 717.6 | 710.8 | 697.6 | 684.3 | 667.3 | 650.3 | 635.9 | 621.7 | 610.4 | 642.7 | 720.7 |
| 32.5° | 673.5 | 666.0 | 653.2 | 640.5 | 626.9 | 613.4 | 604.9 | 596.4 | 591.4 | 617.5 | 698.0 |
| 35°   | 632.2 | 623.2 | 610.6 | 598.0 | 587.6 | 577.3 | 574.9 | 572.7 | 574.7 | 596.3 | 675.7 |
| 37.5° | 593.7 | 582.5 | 569.9 | 557.4 | 549.9 | 542.5 | 545.1 | 547.7 | 555.2 | 574.2 | 649.4 |
| 40°   | 556.5 | 543.7 | 531.6 | 519.4 | 514.0 | 508.6 | 514.4 | 520.3 | 532.0 | 549.2 | 618.1 |
| 42.5° | 521.4 | 507.6 | 496.1 | 484.5 | 480.2 | 475.8 | 483.5 | 491.2 | 505.9 | 521.8 | 583.4 |
| 45°   | 490.9 | 476.5 | 465.7 | 454.7 | 451.0 | 447.3 | 454.8 | 462.3 | 476.6 | 492.6 | 546.7 |
| 47.5° | 466.3 | 452.2 | 441.6 | 430.8 | 427.4 | 423.9 | 430.2 | 436.5 | 448.8 | 469.6 | 517.6 |
| 50°   | 446.3 | 433.7 | 423.5 | 413.5 | 408.1 | 402.6 | 408.3 | 413.8 | 428.1 | 455.3 | 498.4 |
| 52.5° | 432.3 | 420.6 | 411.3 | 402.1 | 394.0 | 385.9 | 391.3 | 396.9 | 416.9 | 448.1 | 485.6 |
| 55°   | 423.7 | 413.4 | 403.4 | 393.5 | 382.0 | 370.4 | 379.1 | 387.9 | 418.0 | 447.1 | 476.4 |
| 57.5° | 415.4 | 405.3 | 393.5 | 381.8 | 369.4 | 357.1 | 369.8 | 382.5 | 419.1 | 444.8 | 465.6 |
| 60°   | 403.4 | 393.0 | 379.7 | 366.2 | 355.4 | 344.4 | 360.9 | 377.4 | 415.5 | 432.6 | 448.8 |
| 62.5° | 386.5 | 375.5 | 359.8 | 344.1 | 337.2 | 330.4 | 350.9 | 371.6 | 406.9 | 409.0 | 419.7 |
| 65°   | 364.7 | 354.0 | 337.3 | 320.5 | 317.9 | 315.2 | 337.1 | 359.1 | 386.0 | 385.8 | 390.8 |
| 67.5° | 339.7 | 329.6 | 314.2 | 298.7 | 299.5 | 300.3 | 318.6 | 336.8 | 352.0 | 352.7 | 349.8 |
| 70°   | 312.8 | 304.1 | 290.5 | 276.9 | 279.8 | 282.7 | 295.6 | 308.6 | 313.6 | 313.6 | 300.4 |
| 72.5° | 280.2 | 272.4 | 261.7 | 251.0 | 255.2 | 259.4 | 268.3 | 277.3 | 277.2 | 274.0 | 255.3 |
| 75°   | 242.7 | 235.6 | 227.7 | 219.8 | 223.9 | 227.9 | 234.7 | 241.6 | 242.8 | 228.3 | 207.3 |
| 77.5° | 205.7 | 199.6 | 193.1 | 186.7 | 190.8 | 194.9 | 200.4 | 205.8 | 206.5 | 182.6 | 162.2 |
| 80°   | 164.9 | 159.8 | 154.4 | 149.0 | 152.5 | 155.9 | 160.5 | 165.1 | 165.2 | 136.6 | 119.4 |
| 82.5° | 109.4 | 111.2 | 111.6 | 112.1 | 114.5 | 117.0 | 119.2 | 121.5 | 120.1 | 95.7  | 83.0  |
| 85°   | 60.1  | 65.0  | 67.3  | 69.7  | 72.5  | 75.1  | 77.6  | 79.9  | 78.2  | 60.1  | 50.7  |
| 87.5° | 28.4  | 32.2  | 32.3  | 32.4  | 32.9  | 33.4  | 34.3  | 35.4  | 33.1  | 25.5  | 21.7  |
| 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: P959913

CATALOG NUMBER: NAV-SB1B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 330°  | 335°  | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|-------|-------|--------|--------|--------|--------|--------|
| 0°    | 836.9 | 836.9 | 836.9  | 836.9  | 836.9  | 836.9  | 836.9  |
| 2.5°  | 856.8 | 864.2 | 871.6  | 878.8  | 886.2  | 893.2  | 900.1  |
| 5°    | 876.3 | 891.5 | 906.9  | 922.1  | 937.3  | 952.5  | 967.8  |
| 7.5°  | 893.8 | 916.5 | 939.1  | 962.3  | 985.5  | 1010.8 | 1035.9 |
| 10°   | 907.9 | 935.5 | 963.0  | 993.7  | 1024.4 | 1056.3 | 1088.0 |
| 12.5° | 915.6 | 948.0 | 980.5  | 1015.3 | 1050.1 | 1085.1 | 1120.0 |
| 15°   | 916.4 | 953.7 | 991.1  | 1028.8 | 1066.6 | 1103.0 | 1139.5 |
| 17.5° | 907.3 | 950.7 | 994.0  | 1035.2 | 1076.5 | 1113.5 | 1150.4 |
| 20°   | 889.9 | 942.5 | 995.0  | 1040.3 | 1085.6 | 1124.0 | 1162.5 |
| 22.5° | 868.5 | 932.3 | 996.3  | 1047.1 | 1097.9 | 1137.1 | 1176.4 |
| 25°   | 843.5 | 922.4 | 1001.3 | 1059.4 | 1117.5 | 1155.9 | 1194.4 |
| 27.5° | 819.6 | 915.7 | 1012.0 | 1078.7 | 1145.4 | 1182.1 | 1218.8 |
| 30°   | 798.8 | 912.7 | 1026.5 | 1103.6 | 1180.8 | 1216.3 | 1251.7 |
| 32.5° | 778.6 | 908.8 | 1039.0 | 1129.8 | 1220.4 | 1255.5 | 1290.6 |
| 35°   | 755.0 | 901.6 | 1048.2 | 1159.4 | 1270.6 | 1304.2 | 1337.8 |
| 37.5° | 724.6 | 889.1 | 1053.7 | 1192.6 | 1331.6 | 1374.4 | 1417.3 |
| 40°   | 687.0 | 872.0 | 1057.1 | 1234.8 | 1412.6 | 1475.0 | 1537.4 |
| 42.5° | 645.1 | 854.3 | 1063.6 | 1290.1 | 1516.5 | 1606.6 | 1696.7 |
| 45°   | 600.9 | 837.9 | 1075.1 | 1362.6 | 1650.2 | 1771.8 | 1893.4 |
| 47.5° | 565.8 | 824.4 | 1082.9 | 1440.1 | 1797.2 | 1968.3 | 2139.4 |
| 50°   | 541.4 | 809.6 | 1077.8 | 1511.9 | 1946.0 | 2204.0 | 2461.8 |
| 52.5° | 523.2 | 784.6 | 1046.2 | 1558.5 | 2070.8 | 2451.4 | 2832.0 |
| 55°   | 505.7 | 743.3 | 980.8  | 1548.3 | 2115.6 | 2670.8 | 3226.1 |
| 57.5° | 486.3 | 685.0 | 883.7  | 1475.9 | 2068.2 | 2826.3 | 3584.4 |
| 60°   | 465.1 | 609.3 | 753.4  | 1341.3 | 1929.3 | 2865.2 | 3801.1 |
| 62.5° | 430.6 | 518.6 | 606.6  | 1159.3 | 1712.1 | 2701.6 | 3691.0 |
| 65°   | 396.0 | 437.1 | 478.2  | 973.6  | 1469.1 | 2470.0 | 3471.0 |
| 67.5° | 347.0 | 358.7 | 370.3  | 791.7  | 1213.1 | 2194.5 | 3176.0 |
| 70°   | 287.2 | 283.8 | 280.5  | 623.4  | 966.2  | 1893.9 | 2821.5 |
| 72.5° | 236.6 | 226.4 | 216.4  | 476.5  | 736.8  | 1567.9 | 2399.2 |
| 75°   | 186.2 | 177.1 | 168.0  | 345.9  | 523.8  | 1194.3 | 1865.0 |
| 77.5° | 141.8 | 135.6 | 129.4  | 234.4  | 339.4  | 836.0  | 1332.5 |
| 80°   | 102.1 | 99.5  | 97.0   | 151.0  | 205.1  | 538.5  | 872.1  |
| 82.5° | 70.3  | 69.8  | 69.3   | 92.9   | 116.5  | 311.7  | 507.0  |
| 85°   | 41.4  | 41.7  | 41.9   | 49.6   | 57.4   | 140.2  | 223.0  |
| 87.5° | 17.9  | 18.1  | 18.3   | 20.6   | 22.8   | 45.9   | 69.1   |
| 90°   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)