

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: P959819

Luminaire Tested: **NAV-SB1B-735-U-SLL-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P959819  
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: LUMARK  
Catalog Number: NAV-SB1B-735-U-SLL-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 4406.5 lumens  
Efficiency: N/A  
Efficacy: 110.7 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



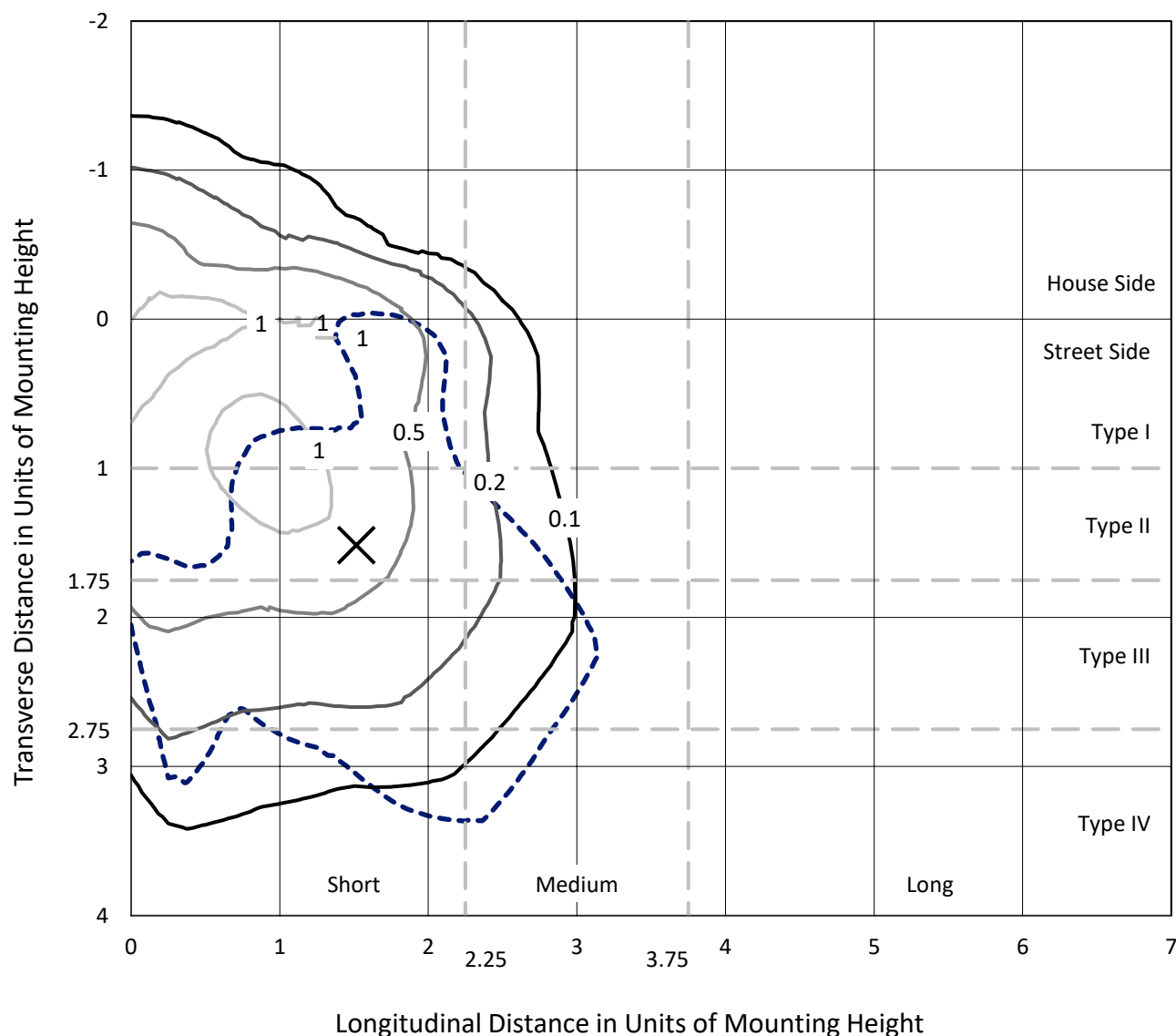
REPORT NUMBER: P959819

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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

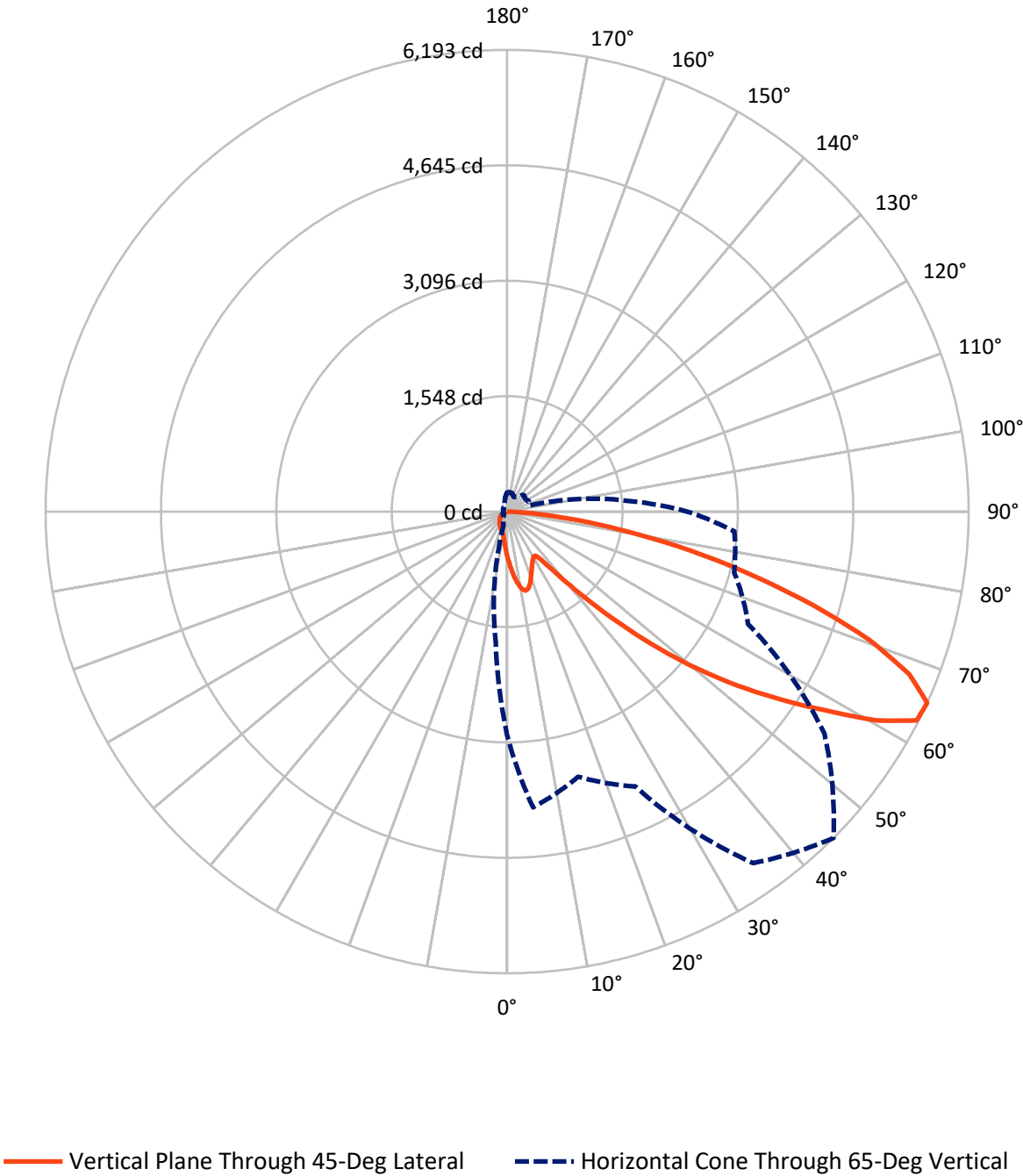


Based on 25 foot mounting height. Maximum calculated value = 1.6 fc

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    | 875.9    | 0.0    | 875.9  |
|                    | % Fixture | 19.9     | 0.0    | 19.9   |
| <b>Street Side</b> | Lumens    | 3530.6   | 0.0    | 3530.6 |
|                    | % Fixture | 80.1     | 0.0    | 80.1   |
| <b>Total</b>       | Lumens    | 4406.5   | 0.0    | 4406.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 60.1   | 1.4       |
| 10°-20°   | 180.1  | 4.1       |
| 20°-30°   | 265.3  | 6.0       |
| 30°-40°   | 340.8  | 7.7       |
| 40°-50°   | 551.2  | 12.5      |
| 50°-60°   | 966.6  | 21.9      |
| 60°-70°   | 1209.5 | 27.4      |
| 70°-80°   | 706.8  | 16.0      |
| 80°-90°   | 126.1  | 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°    | 4406.5 | 100.0     |
| 0°-180°   | 4406.5 | 100.0     |

**Coefficient of Utilization**



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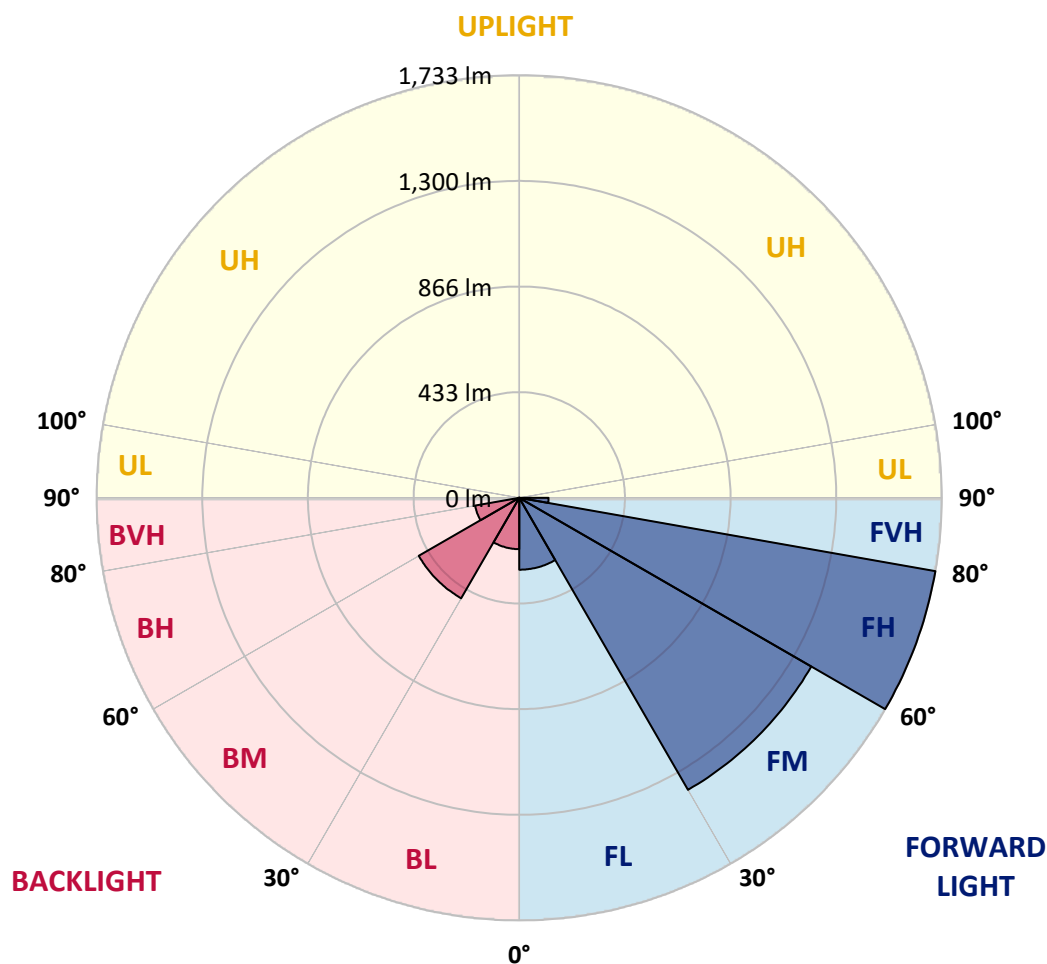
CATALOG NUMBER: NAV-SB1B-735-U-SLL-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 294.8  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 1382.8 | 31.4      |                         |      |         |
| FH   | (60°-80°)   | 1732.8 | 39.3      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 120.2  | 2.7       |                         |      | G2/225  |
| BL   | (0°-30°)    | 210.6  | 4.8       | B1/500                  |      |         |
| BM   | (30°-60°)   | 475.9  | 10.8      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 183.5  | 4.2       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 5.9    | 0.1       |                         |      | G0/10   |
| 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°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 610.2  | 610.2  | 610.2  | 610.2  | 610.2  | 610.2  | 610.2  | 610.2  | 610.2  | 610.2  | 610.2  |
| 2.5°  | 683.6  | 688.8  | 700.3  | 706.4  | 715.8  | 716.4  | 716.4  | 708.2  | 707.9  | 691.2  | 689.4  |
| 5°    | 764.0  | 776.2  | 803.5  | 831.8  | 837.8  | 839.4  | 836.3  | 819.9  | 807.8  | 775.3  | 768.3  |
| 7.5°  | 843.9  | 867.3  | 908.9  | 946.5  | 958.7  | 958.7  | 951.4  | 924.7  | 899.7  | 852.7  | 835.1  |
| 10°   | 910.1  | 939.5  | 996.0  | 1038.2 | 1052.2 | 1049.1 | 1034.2 | 1000.5 | 966.3  | 909.2  | 886.1  |
| 12.5° | 953.8  | 986.9  | 1048.8 | 1082.8 | 1097.1 | 1089.2 | 1072.1 | 1039.4 | 1003.3 | 943.2  | 917.1  |
| 15°   | 975.6  | 1010.2 | 1063.9 | 1081.9 | 1078.0 | 1069.8 | 1067.6 | 1051.9 | 1024.5 | 968.3  | 939.8  |
| 17.5° | 985.0  | 1017.2 | 1054.5 | 1043.3 | 1009.9 | 1003.6 | 1024.8 | 1044.9 | 1038.2 | 990.3  | 963.5  |
| 20°   | 993.8  | 1020.9 | 1032.1 | 982.4  | 924.0  | 918.3  | 959.0  | 1016.0 | 1045.2 | 1010.5 | 985.9  |
| 22.5° | 1006.0 | 1022.7 | 999.6  | 918.0  | 855.2  | 841.7  | 886.7  | 972.6  | 1047.2 | 1036.4 | 1011.8 |
| 25°   | 1022.7 | 1027.3 | 963.8  | 856.9  | 793.8  | 780.4  | 822.4  | 924.3  | 1043.7 | 1064.3 | 1043.3 |
| 27.5° | 1042.7 | 1033.3 | 929.5  | 806.0  | 745.0  | 732.5  | 774.4  | 877.9  | 1033.3 | 1092.2 | 1077.4 |
| 30°   | 1068.9 | 1041.2 | 895.5  | 766.5  | 710.0  | 700.9  | 741.3  | 837.8  | 1020.6 | 1127.7 | 1119.5 |
| 32.5° | 1095.2 | 1044.6 | 864.0  | 743.4  | 702.1  | 705.5  | 738.5  | 816.3  | 1006.7 | 1161.7 | 1165.6 |
| 35°   | 1123.8 | 1055.1 | 848.5  | 766.2  | 768.0  | 797.1  | 810.8  | 836.3  | 1004.5 | 1207.9 | 1223.3 |
| 37.5° | 1162.7 | 1078.8 | 866.9  | 879.4  | 942.6  | 1003.0 | 991.7  | 934.4  | 1029.1 | 1276.7 | 1305.6 |
| 40°   | 1218.5 | 1120.4 | 947.7  | 1072.1 | 1201.8 | 1299.8 | 1257.1 | 1112.5 | 1104.3 | 1376.1 | 1419.1 |
| 42.5° | 1299.8 | 1186.6 | 1091.0 | 1307.7 | 1527.6 | 1689.0 | 1574.3 | 1342.3 | 1236.0 | 1517.8 | 1572.8 |
| 45°   | 1420.0 | 1293.8 | 1264.3 | 1556.4 | 1929.2 | 2183.6 | 1944.9 | 1587.3 | 1420.6 | 1732.5 | 1775.5 |
| 47.5° | 1586.7 | 1451.3 | 1426.7 | 1818.4 | 2417.3 | 2746.3 | 2356.0 | 1814.4 | 1630.8 | 2025.1 | 2035.0 |
| 50°   | 1808.0 | 1663.5 | 1580.7 | 2104.8 | 2952.4 | 3320.1 | 2766.7 | 2033.6 | 1871.4 | 2382.6 | 2371.1 |
| 52.5° | 2100.0 | 1959.5 | 1760.0 | 2377.8 | 3502.7 | 3881.6 | 3179.1 | 2226.0 | 2170.1 | 2797.6 | 2774.0 |
| 55°   | 2498.3 | 2404.8 | 2005.3 | 2638.2 | 4052.8 | 4446.6 | 3575.6 | 2407.5 | 2564.8 | 3290.6 | 3147.3 |
| 57.5° | 2992.5 | 3059.3 | 2358.9 | 2940.3 | 4547.3 | 5028.8 | 3973.9 | 2661.3 | 3077.2 | 3841.9 | 3364.0 |
| 60°   | 3311.3 | 3929.5 | 3036.3 | 3386.8 | 5109.2 | 5687.2 | 4519.7 | 3144.0 | 3615.7 | 4039.5 | 3322.7 |
| 62.5° | 3234.1 | 4206.4 | 3847.3 | 3956.9 | 5625.9 | 6165.9 | 5054.6 | 3628.8 | 3717.1 | 3748.3 | 3004.7 |
| 65°   | 2997.6 | 3983.0 | 3681.9 | 4067.7 | 5756.7 | 6192.9 | 5197.6 | 3566.2 | 3153.1 | 3060.2 | 2415.1 |
| 67.5° | 2672.3 | 3718.0 | 3288.8 | 3773.8 | 5520.2 | 5815.3 | 4931.4 | 3154.6 | 2436.6 | 2296.4 | 1752.1 |
| 70°   | 2321.0 | 3424.7 | 3030.7 | 3444.2 | 5069.4 | 5157.2 | 4478.7 | 2774.6 | 1792.2 | 1550.9 | 1124.4 |
| 72.5° | 1987.7 | 3119.4 | 2854.1 | 3106.4 | 4468.1 | 4286.5 | 3889.5 | 2438.5 | 1305.0 | 1118.6 | 799.3  |
| 75°   | 1646.8 | 2668.9 | 2602.4 | 2705.0 | 3677.3 | 3376.5 | 3231.7 | 2018.9 | 1024.2 | 809.3  | 551.6  |
| 77.5° | 1270.7 | 2085.5 | 2238.5 | 2166.2 | 2588.4 | 2508.0 | 2505.0 | 1517.2 | 748.2  | 540.1  | 345.7  |
| 80°   | 869.7  | 1453.4 | 1748.9 | 1528.2 | 1679.9 | 1638.9 | 1886.6 | 1017.8 | 542.7  | 325.1  | 192.5  |
| 82.5° | 511.2  | 884.9  | 1217.3 | 739.7  | 928.9  | 953.5  | 1123.5 | 495.1  | 319.4  | 75.0   | 41.9   |
| 85°   | 207.4  | 349.4  | 476.0  | 289.6  | 448.0  | 377.9  | 426.5  | 139.0  | 89.0   | 1.8    | 0.0    |
| 87.5° | 52.2   | 111.7  | 78.3   | 32.5   | 51.9   | 47.7   | 37.6   | 17.0   | 3.7    | 0.0    | 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°    | 610.2  | 610.2  | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 |
| 2.5°  | 677.5  | 670.6  | 653.2 | 635.9 | 622.0 | 603.2 | 590.7 | 575.8 | 561.6 | 548.9 | 546.4 |
| 5°    | 749.2  | 726.1  | 694.5 | 665.7 | 636.2 | 607.7 | 579.5 | 549.7 | 522.4 | 505.7 | 495.1 |
| 7.5°  | 807.5  | 766.8  | 724.9 | 688.2 | 652.6 | 619.3 | 581.9 | 545.8 | 503.0 | 480.2 | 459.6 |
| 10°   | 850.9  | 797.4  | 742.5 | 700.3 | 664.5 | 632.0 | 600.4 | 564.1 | 512.4 | 483.9 | 452.9 |
| 12.5° | 879.4  | 816.0  | 751.6 | 703.4 | 663.3 | 638.1 | 624.1 | 609.9 | 558.5 | 525.2 | 480.2 |
| 15°   | 899.1  | 829.0  | 758.0 | 696.4 | 647.2 | 628.6 | 642.7 | 659.1 | 626.3 | 587.7 | 529.1 |
| 17.5° | 920.7  | 846.0  | 760.8 | 677.5 | 615.9 | 608.0 | 644.1 | 682.1 | 680.6 | 642.4 | 585.0 |
| 20°   | 943.5  | 860.9  | 758.9 | 647.2 | 578.0 | 585.0 | 631.1 | 675.2 | 693.6 | 673.0 | 622.0 |
| 22.5° | 966.9  | 875.1  | 751.9 | 607.7 | 542.4 | 564.4 | 610.5 | 649.0 | 670.9 | 664.5 | 625.7 |
| 25°   | 996.3  | 895.2  | 741.6 | 565.2 | 513.0 | 543.4 | 586.5 | 617.8 | 632.9 | 632.6 | 605.9 |
| 27.5° | 1031.5 | 921.9  | 736.2 | 530.9 | 492.1 | 519.7 | 557.9 | 585.9 | 596.4 | 596.4 | 575.2 |
| 30°   | 1072.5 | 953.5  | 730.1 | 508.5 | 479.9 | 495.1 | 524.9 | 552.2 | 562.8 | 562.8 | 544.9 |
| 32.5° | 1118.0 | 983.8  | 715.4 | 494.8 | 470.8 | 471.1 | 489.9 | 514.9 | 527.6 | 529.4 | 516.7 |
| 35°   | 1172.7 | 1016.3 | 683.6 | 483.9 | 460.2 | 447.7 | 456.8 | 477.5 | 492.7 | 496.6 | 488.7 |
| 37.5° | 1244.2 | 1056.1 | 638.1 | 467.8 | 443.8 | 423.1 | 425.3 | 441.1 | 457.8 | 463.8 | 458.7 |
| 40°   | 1340.5 | 1102.8 | 590.7 | 444.7 | 420.8 | 396.2 | 395.2 | 406.7 | 423.1 | 429.9 | 427.1 |
| 42.5° | 1467.7 | 1159.0 | 545.5 | 422.5 | 392.8 | 367.6 | 366.1 | 375.2 | 389.5 | 396.5 | 395.2 |
| 45°   | 1630.5 | 1227.9 | 506.7 | 405.3 | 365.5 | 340.6 | 340.0 | 347.6 | 360.0 | 367.3 | 365.8 |
| 47.5° | 1856.6 | 1296.8 | 480.2 | 396.2 | 343.9 | 318.5 | 319.7 | 326.4 | 337.5 | 342.8 | 340.6 |
| 50°   | 2151.4 | 1317.7 | 466.9 | 396.2 | 332.4 | 298.7 | 304.7 | 310.3 | 318.8 | 321.7 | 319.1 |
| 52.5° | 2434.3 | 1248.6 | 454.7 | 398.6 | 333.9 | 282.0 | 295.1 | 299.0 | 306.3 | 307.5 | 303.6 |
| 55°   | 2573.0 | 1073.4 | 438.1 | 399.1 | 343.4 | 267.7 | 287.2 | 294.5 | 297.1 | 296.8 | 290.2 |
| 57.5° | 2525.3 | 867.9  | 409.8 | 396.8 | 349.7 | 258.6 | 277.5 | 291.4 | 293.3 | 290.5 | 278.1 |
| 60°   | 2358.0 | 639.0  | 388.3 | 378.8 | 347.3 | 255.9 | 262.6 | 284.7 | 287.5 | 283.8 | 263.5 |
| 62.5° | 2077.6 | 443.5  | 371.6 | 339.4 | 336.6 | 255.0 | 239.2 | 270.2 | 276.9 | 271.7 | 241.9 |
| 65°   | 1635.6 | 313.2  | 319.9 | 297.5 | 313.5 | 250.1 | 214.9 | 252.6 | 261.7 | 253.8 | 211.9 |
| 67.5° | 1106.8 | 226.1  | 259.2 | 269.6 | 276.2 | 239.2 | 197.3 | 232.6 | 244.7 | 234.3 | 177.0 |
| 70°   | 597.7  | 158.8  | 171.2 | 227.0 | 234.6 | 220.4 | 181.5 | 212.2 | 226.1 | 214.9 | 144.2 |
| 72.5° | 353.0  | 114.2  | 119.9 | 182.4 | 195.5 | 193.9 | 163.9 | 188.5 | 205.5 | 192.2 | 117.2 |
| 75°   | 194.5  | 77.1   | 85.6  | 132.3 | 158.8 | 149.6 | 140.8 | 159.7 | 177.0 | 163.9 | 90.5  |
| 77.5° | 87.1   | 46.1   | 59.4  | 86.8  | 124.7 | 102.6 | 109.0 | 124.4 | 140.5 | 126.9 | 60.4  |
| 80°   | 33.7   | 25.8   | 39.5  | 47.4  | 90.8  | 56.8  | 70.1  | 91.6  | 103.2 | 92.2  | 36.7  |
| 82.5° | 4.2    | 11.6   | 17.0  | 18.6  | 52.8  | 30.0  | 40.7  | 57.7  | 56.8  | 49.2  | 18.6  |
| 85°   | 0.0    | 2.2    | 2.5   | 1.2   | 22.8  | 11.0  | 13.3  | 18.9  | 17.6  | 13.3  | 1.5   |
| 87.5° | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.6   | 0.0   | 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):**

|       | 195°  | 205°  | 215°  | 225°  | 235°  | 245°  | 255°  | 265°  | 270°  | 275°  | 285°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 |
| 2.5°  | 531.6 | 520.6 | 515.2 | 510.6 | 514.9 | 517.3 | 517.3 | 527.6 | 533.6 | 536.1 | 553.1 |
| 5°    | 468.4 | 448.0 | 434.4 | 426.2 | 429.0 | 431.9 | 435.3 | 448.3 | 457.2 | 462.9 | 489.3 |
| 7.5°  | 418.6 | 387.7 | 368.5 | 358.5 | 360.0 | 362.1 | 364.9 | 377.6 | 386.4 | 394.0 | 423.4 |
| 10°   | 394.0 | 350.3 | 325.1 | 312.9 | 310.9 | 309.7 | 308.7 | 316.3 | 323.0 | 329.0 | 358.2 |
| 12.5° | 395.2 | 334.3 | 303.6 | 288.6 | 282.3 | 275.0 | 269.3 | 270.5 | 274.7 | 282.3 | 300.8 |
| 15°   | 410.7 | 329.0 | 292.3 | 273.8 | 263.2 | 254.7 | 247.7 | 246.2 | 247.7 | 248.9 | 260.5 |
| 17.5° | 431.6 | 328.4 | 282.6 | 259.5 | 248.7 | 241.6 | 235.2 | 233.1 | 233.4 | 234.9 | 238.0 |
| 20°   | 448.3 | 326.7 | 271.7 | 245.9 | 236.2 | 230.1 | 223.8 | 221.6 | 222.2 | 222.5 | 225.8 |
| 22.5° | 457.2 | 323.9 | 259.5 | 232.3 | 224.1 | 217.9 | 212.2 | 211.9 | 211.9 | 213.7 | 216.2 |
| 25°   | 457.2 | 318.2 | 248.7 | 219.1 | 211.9 | 206.4 | 199.5 | 200.7 | 201.3 | 203.7 | 207.4 |
| 27.5° | 446.2 | 307.2 | 239.8 | 208.0 | 200.4 | 194.9 | 188.5 | 190.0 | 191.0 | 193.6 | 198.2 |
| 30°   | 432.2 | 294.2 | 229.8 | 197.3 | 188.5 | 184.6 | 179.1 | 179.7 | 180.9 | 184.0 | 189.1 |
| 32.5° | 417.4 | 278.7 | 221.6 | 186.7 | 177.8 | 174.9 | 168.8 | 169.7 | 170.9 | 174.2 | 180.0 |
| 35°   | 401.0 | 260.5 | 211.9 | 177.0 | 168.2 | 165.7 | 158.8 | 159.4 | 161.2 | 164.8 | 170.6 |
| 37.5° | 383.7 | 245.6 | 202.1 | 167.6 | 158.5 | 156.0 | 148.7 | 149.3 | 151.5 | 155.7 | 161.2 |
| 40°   | 366.7 | 231.0 | 191.9 | 157.5 | 148.4 | 146.3 | 138.4 | 139.0 | 141.4 | 146.1 | 151.8 |
| 42.5° | 348.2 | 219.8 | 178.5 | 147.2 | 137.6 | 135.4 | 128.1 | 129.0 | 131.7 | 136.3 | 142.1 |
| 45°   | 326.1 | 212.5 | 163.6 | 137.6 | 126.6 | 124.4 | 117.8 | 119.6 | 122.6 | 127.2 | 133.2 |
| 47.5° | 303.3 | 209.4 | 151.2 | 127.2 | 115.3 | 113.6 | 108.0 | 111.1 | 114.5 | 118.1 | 124.7 |
| 50°   | 281.4 | 205.5 | 138.4 | 117.5 | 105.7 | 103.8 | 100.1 | 104.1 | 107.4 | 110.8 | 117.2 |
| 52.5° | 256.6 | 197.0 | 126.9 | 109.0 | 97.5  | 96.9  | 95.0  | 98.7  | 101.7 | 104.8 | 110.2 |
| 55°   | 230.7 | 183.4 | 116.8 | 101.4 | 90.5  | 91.0  | 90.2  | 93.2  | 95.6  | 98.4  | 103.2 |
| 57.5° | 208.3 | 166.0 | 109.0 | 93.2  | 84.4  | 86.2  | 85.0  | 86.5  | 88.0  | 91.3  | 95.3  |
| 60°   | 185.5 | 145.4 | 100.1 | 83.4  | 78.3  | 80.5  | 77.1  | 76.8  | 77.4  | 78.3  | 85.6  |
| 62.5° | 154.8 | 123.8 | 89.3  | 75.0  | 71.6  | 72.6  | 66.2  | 61.3  | 61.3  | 62.2  | 73.2  |
| 65°   | 124.4 | 103.8 | 77.1  | 65.3  | 62.5  | 61.9  | 52.8  | 46.1  | 45.5  | 48.3  | 57.7  |
| 67.5° | 102.3 | 86.2  | 65.0  | 54.3  | 52.5  | 53.1  | 46.4  | 39.8  | 39.2  | 42.2  | 49.2  |
| 70°   | 84.7  | 69.5  | 51.9  | 41.9  | 43.7  | 46.4  | 39.8  | 33.4  | 32.5  | 35.3  | 41.9  |
| 72.5° | 67.3  | 54.3  | 39.8  | 31.0  | 36.1  | 39.5  | 32.5  | 26.4  | 25.8  | 28.2  | 34.6  |
| 75°   | 49.5  | 38.8  | 27.1  | 22.4  | 27.9  | 31.0  | 23.7  | 18.9  | 17.9  | 20.0  | 26.4  |
| 77.5° | 30.6  | 21.8  | 17.0  | 13.3  | 19.2  | 20.6  | 12.4  | 11.0  | 10.7  | 12.1  | 16.7  |
| 80°   | 14.2  | 9.4   | 8.2   | 4.5   | 7.0   | 8.2   | 5.1   | 5.7   | 6.0   | 7.3   | 10.4  |
| 82.5° | 4.0   | 1.5   | 0.3   | 0.0   | 0.0   | 2.5   | 1.2   | 2.5   | 3.1   | 4.5   | 6.7   |
| 85°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.6   | 1.5   | 2.8   | 4.8   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 1.2   | 2.5   |
| 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: P959819

CATALOG NUMBER: NAV-SB1B-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°  | 305°  | 315°  | 325°  | 335°  | 345°  | 355°   | 360°   |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°    | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2 | 610.2  | 610.2  |
| 2.5°  | 565.8 | 578.0 | 597.4 | 617.5 | 637.1 | 657.2 | 676.6  | 683.6  |
| 5°    | 513.3 | 541.2 | 579.8 | 621.0 | 663.6 | 706.7 | 746.2  | 764.0  |
| 7.5°  | 454.7 | 494.8 | 552.8 | 617.5 | 685.1 | 752.9 | 815.1  | 843.9  |
| 10°   | 392.2 | 442.9 | 509.1 | 596.4 | 693.6 | 787.1 | 872.7  | 910.1  |
| 12.5° | 332.7 | 385.8 | 459.0 | 563.8 | 687.0 | 806.9 | 909.8  | 953.8  |
| 15°   | 282.9 | 329.9 | 408.9 | 524.9 | 665.4 | 808.1 | 927.4  | 975.6  |
| 17.5° | 245.6 | 276.2 | 357.9 | 481.7 | 637.1 | 796.8 | 933.5  | 985.0  |
| 20°   | 227.0 | 235.5 | 291.7 | 426.5 | 610.8 | 786.2 | 939.5  | 993.8  |
| 22.5° | 216.2 | 218.2 | 238.6 | 355.2 | 579.2 | 782.9 | 950.2  | 1006.0 |
| 25°   | 207.4 | 208.0 | 213.4 | 281.4 | 530.9 | 780.7 | 966.6  | 1022.7 |
| 27.5° | 198.5 | 198.5 | 201.5 | 226.7 | 465.4 | 771.6 | 987.8  | 1042.7 |
| 30°   | 189.7 | 189.7 | 191.9 | 200.7 | 388.6 | 753.8 | 1013.3 | 1068.9 |
| 32.5° | 180.6 | 180.6 | 182.4 | 188.8 | 310.3 | 731.2 | 1036.7 | 1095.2 |
| 35°   | 171.5 | 170.9 | 173.3 | 180.0 | 246.8 | 702.7 | 1060.1 | 1123.8 |
| 37.5° | 161.8 | 161.5 | 163.9 | 171.5 | 213.1 | 669.6 | 1077.7 | 1162.7 |
| 40°   | 151.5 | 151.5 | 154.2 | 162.4 | 203.4 | 628.0 | 1105.6 | 1218.5 |
| 42.5° | 142.1 | 141.4 | 144.5 | 154.5 | 196.1 | 588.3 | 1155.7 | 1299.8 |
| 45°   | 132.9 | 131.7 | 134.5 | 146.9 | 183.4 | 574.3 | 1249.2 | 1420.0 |
| 47.5° | 124.4 | 121.5 | 123.8 | 137.9 | 171.8 | 626.6 | 1402.1 | 1586.7 |
| 50°   | 117.5 | 111.7 | 113.9 | 128.7 | 163.0 | 739.7 | 1600.6 | 1808.0 |
| 52.5° | 110.2 | 102.6 | 103.8 | 117.5 | 155.1 | 847.6 | 1815.9 | 2100.0 |
| 55°   | 102.6 | 94.1  | 94.7  | 106.3 | 143.9 | 863.7 | 2025.9 | 2498.3 |
| 57.5° | 94.1  | 86.2  | 86.2  | 95.9  | 135.7 | 748.6 | 2187.5 | 2992.5 |
| 60°   | 84.7  | 79.5  | 78.0  | 87.7  | 143.0 | 528.2 | 2206.3 | 3311.3 |
| 62.5° | 74.4  | 71.6  | 69.5  | 79.8  | 148.4 | 312.9 | 2054.8 | 3234.1 |
| 65°   | 62.5  | 61.9  | 60.4  | 87.7  | 125.0 | 184.9 | 1764.0 | 2997.6 |
| 67.5° | 52.5  | 51.6  | 51.6  | 91.9  | 95.0  | 116.2 | 1378.1 | 2672.3 |
| 70°   | 45.2  | 41.9  | 41.9  | 69.5  | 57.7  | 80.5  | 962.3  | 2321.0 |
| 72.5° | 37.9  | 34.3  | 31.9  | 55.6  | 43.2  | 58.9  | 601.4  | 1987.7 |
| 75°   | 30.3  | 27.7  | 24.6  | 36.7  | 32.2  | 44.6  | 349.4  | 1646.8 |
| 77.5° | 21.8  | 20.6  | 17.3  | 27.1  | 23.4  | 32.2  | 208.0  | 1270.7 |
| 80°   | 11.3  | 11.6  | 11.0  | 15.5  | 15.8  | 21.8  | 118.4  | 869.7  |
| 82.5° | 6.7   | 5.1   | 5.7   | 7.6   | 9.1   | 12.4  | 44.6   | 511.2  |
| 85°   | 4.2   | 2.8   | 2.8   | 3.7   | 4.5   | 4.8   | 13.6   | 207.4  |
| 87.5° | 2.2   | 0.9   | 1.2   | 1.8   | 1.5   | 1.2   | 0.6    | 52.2   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    |

(END OF REPORT)