

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: P960937

Luminaire Tested: **NAV-SB1D-750-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P960937  
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-SB1D-750-U-SLR-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 5000K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

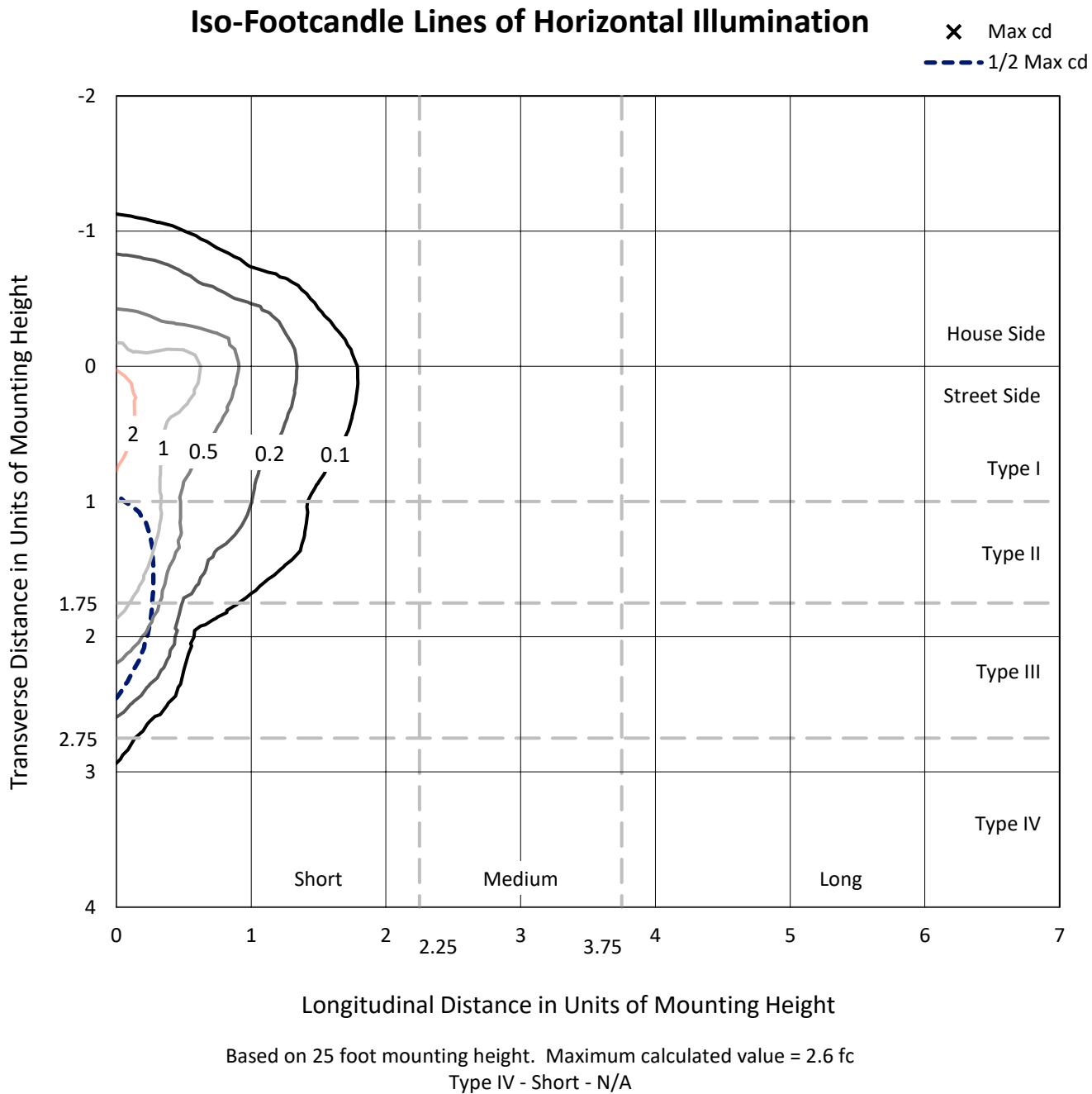
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 8424.5 lumens  
Efficiency: N/A  
Efficacy: 105.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G3

Input Watts (W): 79.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

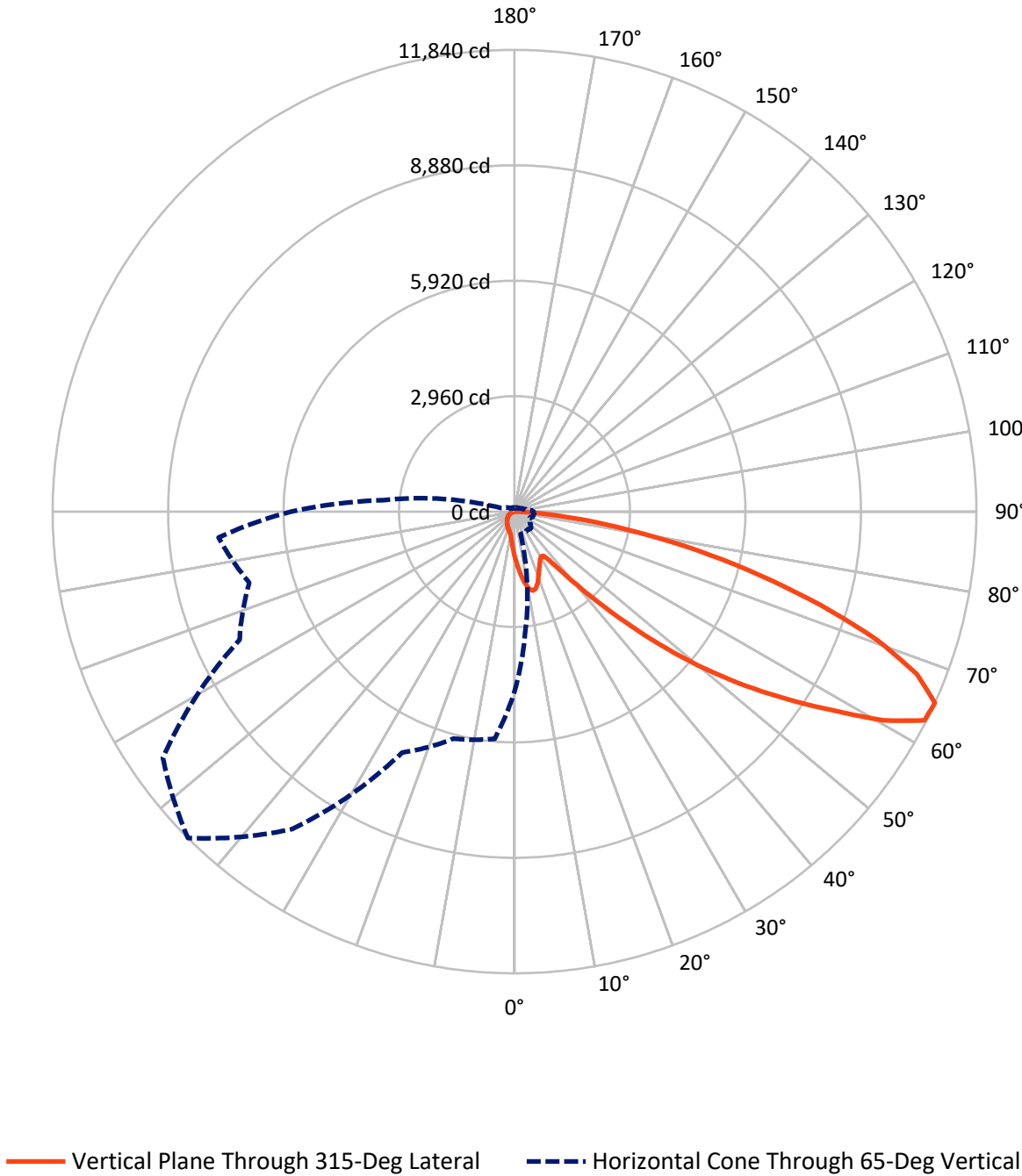


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Luminous Intensity Polar Plot



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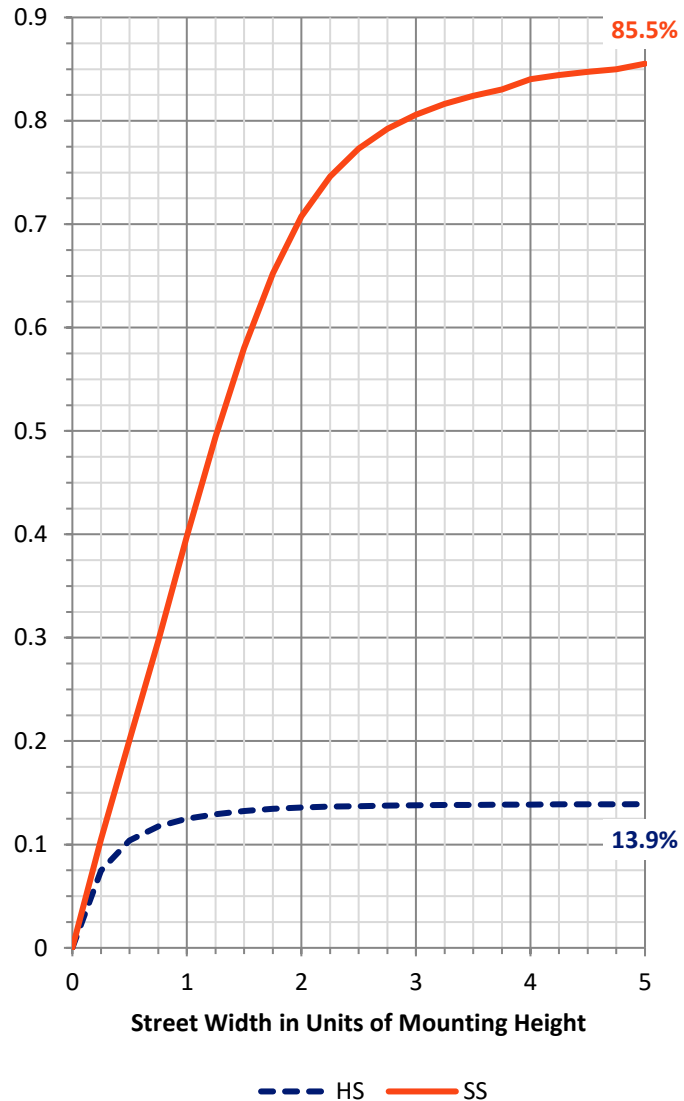
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1179.8   | 0.0    | 1179.8 |
|                    | % Fixture | 14.0     | 0.0    | 14.0   |
| <b>Street Side</b> | Lumens    | 7244.7   | 0.0    | 7244.7 |
|                    | % Fixture | 86.0     | 0.0    | 86.0   |
| <b>Total</b>       | Lumens    | 8424.5   | 0.0    | 8424.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 114.8  | 1.4       |
| 10°-20°   | 344.3  | 4.1       |
| 20°-30°   | 507.2  | 6.0       |
| 30°-40°   | 651.6  | 7.7       |
| 40°-50°   | 1053.8 | 12.5      |
| 50°-60°   | 1848.0 | 21.9      |
| 60°-70°   | 2312.4 | 27.4      |
| 70°-80°   | 1351.2 | 16.0      |
| 80°-90°   | 241.1  | 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°    | 8424.5 | 100.0     |
| 0°-180°   | 8424.5 | 100.0     |

**Coefficient of Utilization**



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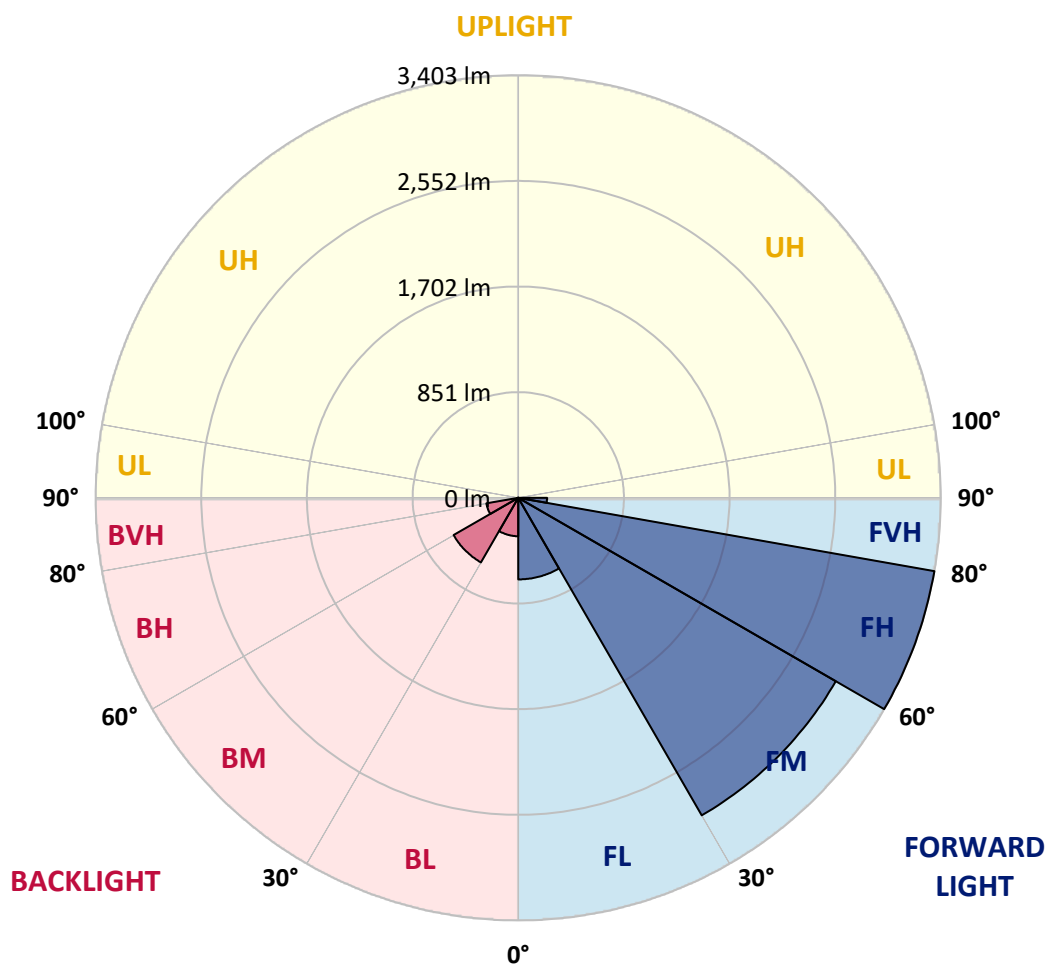
CATALOG NUMBER: NAV-SB1D-750-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 657.1  | 7.8       |                         |      |         |
| FM   | (30°-60°)   | 2952.7 | 35.0      |                         |      |         |
| FH   | (60°-80°)   | 3403.1 | 40.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 231.8  | 2.8       |                         |      | G3/500  |
| BL   | (0°-30°)    | 309.2  | 3.7       | B1/500                  |      |         |
| BM   | (30°-60°)   | 600.8  | 7.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 260.5  | 3.1       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 9.3    | 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-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 |
| 2.5°  | 1317.9 | 1295.4 | 1282.0 | 1249.0 | 1215.9 | 1189.2 | 1153.1 | 1129.3 | 1101.0 | 1073.7 | 1049.3 |
| 5°    | 1468.9 | 1432.3 | 1388.3 | 1327.9 | 1272.7 | 1216.5 | 1161.8 | 1107.9 | 1051.0 | 998.8  | 966.9  |
| 7.5°  | 1596.5 | 1543.8 | 1466.0 | 1385.9 | 1315.7 | 1247.7 | 1184.0 | 1112.5 | 1043.4 | 961.7  | 918.1  |
| 10°   | 1694.0 | 1626.8 | 1524.6 | 1419.5 | 1338.9 | 1270.4 | 1208.3 | 1148.0 | 1078.3 | 979.7  | 925.1  |
| 12.5° | 1753.3 | 1681.3 | 1560.0 | 1436.9 | 1344.7 | 1268.1 | 1220.0 | 1193.2 | 1165.9 | 1067.8 | 1004.0 |
| 15°   | 1796.8 | 1719.0 | 1585.0 | 1449.1 | 1331.4 | 1237.3 | 1201.9 | 1228.7 | 1259.9 | 1197.3 | 1123.6 |
| 17.5° | 1842.0 | 1760.2 | 1617.4 | 1454.4 | 1295.4 | 1177.5 | 1162.5 | 1231.5 | 1304.1 | 1301.1 | 1228.1 |
| 20°   | 1885.0 | 1803.8 | 1645.9 | 1450.9 | 1237.3 | 1105.1 | 1118.4 | 1206.5 | 1290.7 | 1326.1 | 1286.7 |
| 22.5° | 1934.4 | 1848.5 | 1673.2 | 1437.6 | 1161.8 | 1037.1 | 1078.9 | 1167.1 | 1240.8 | 1282.6 | 1270.4 |
| 25°   | 1994.6 | 1904.8 | 1711.4 | 1417.8 | 1080.7 | 980.8  | 1038.8 | 1121.2 | 1181.0 | 1210.0 | 1209.5 |
| 27.5° | 2059.7 | 1972.1 | 1762.6 | 1407.3 | 1015.1 | 940.7  | 993.5  | 1066.7 | 1120.1 | 1140.4 | 1140.4 |
| 30°   | 2140.4 | 2050.4 | 1822.9 | 1395.7 | 972.1  | 917.6  | 946.6  | 1003.5 | 1055.6 | 1075.9 | 1075.9 |
| 32.5° | 2228.6 | 2137.4 | 1881.0 | 1367.9 | 946.0  | 900.2  | 900.7  | 936.7  | 984.3  | 1008.7 | 1012.2 |
| 35°   | 2338.8 | 2241.9 | 1943.0 | 1307.0 | 925.1  | 879.9  | 856.0  | 873.4  | 912.9  | 941.9  | 949.5  |
| 37.5° | 2496.1 | 2378.9 | 2019.0 | 1220.0 | 894.3  | 848.5  | 809.0  | 813.1  | 843.3  | 875.1  | 886.8  |
| 40°   | 2713.2 | 2562.9 | 2108.4 | 1129.3 | 850.2  | 804.4  | 757.4  | 755.6  | 777.7  | 809.0  | 821.7  |
| 42.5° | 3006.8 | 2806.0 | 2215.8 | 1042.9 | 807.9  | 751.0  | 702.8  | 699.9  | 717.3  | 744.6  | 758.0  |
| 45°   | 3394.5 | 3117.1 | 2347.6 | 968.6  | 774.8  | 698.7  | 651.2  | 650.0  | 664.5  | 688.3  | 702.2  |
| 47.5° | 3890.7 | 3549.5 | 2479.3 | 918.1  | 757.4  | 657.5  | 608.7  | 611.1  | 623.9  | 645.3  | 655.2  |
| 50°   | 4533.2 | 4113.0 | 2519.3 | 892.6  | 757.4  | 635.5  | 571.0  | 582.7  | 593.2  | 609.4  | 615.2  |
| 52.5° | 5303.3 | 4653.9 | 2387.0 | 869.4  | 762.0  | 638.4  | 539.2  | 564.1  | 571.6  | 585.6  | 587.9  |
| 55°   | 6017.2 | 4919.1 | 2052.2 | 837.4  | 763.2  | 656.4  | 511.9  | 549.0  | 562.9  | 568.2  | 567.5  |
| 57.5° | 6431.6 | 4828.0 | 1659.3 | 783.5  | 758.5  | 668.6  | 494.5  | 530.4  | 557.2  | 560.7  | 555.4  |
| 60°   | 6352.6 | 4508.3 | 1221.7 | 742.3  | 724.3  | 663.9  | 489.2  | 502.0  | 544.4  | 549.6  | 542.6  |
| 62.5° | 5744.4 | 3972.0 | 847.9  | 710.3  | 648.8  | 643.6  | 487.5  | 457.4  | 516.5  | 529.3  | 519.5  |
| 65°   | 4617.3 | 3127.0 | 598.9  | 611.7  | 568.8  | 599.5  | 478.3  | 410.9  | 482.9  | 500.3  | 485.1  |
| 67.5° | 3349.8 | 2116.0 | 432.3  | 495.6  | 515.4  | 528.1  | 457.4  | 377.2  | 444.5  | 467.8  | 448.0  |
| 70°   | 2149.6 | 1142.8 | 303.5  | 327.3  | 434.1  | 448.6  | 421.4  | 347.1  | 405.7  | 432.3  | 410.9  |
| 72.5° | 1528.1 | 675.0  | 218.2  | 229.3  | 348.8  | 373.7  | 370.8  | 313.3  | 360.4  | 392.9  | 367.4  |
| 75°   | 1054.5 | 372.0  | 147.4  | 163.7  | 253.1  | 303.5  | 286.1  | 269.3  | 305.2  | 338.4  | 313.3  |
| 77.5° | 661.0  | 166.6  | 88.3   | 113.8  | 165.9  | 238.5  | 196.2  | 208.4  | 237.9  | 268.8  | 242.6  |
| 80°   | 368.0  | 64.4   | 49.3   | 75.4   | 90.5   | 173.5  | 108.5  | 134.1  | 175.3  | 197.3  | 176.4  |
| 82.5° | 80.1   | 8.1    | 22.0   | 32.5   | 35.4   | 101.0  | 57.5   | 77.8   | 110.3  | 108.5  | 94.0   |
| 85°   | 0.0    | 0.0    | 4.1    | 4.6    | 2.4    | 43.6   | 20.9   | 25.5   | 36.0   | 33.6   | 25.5   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.1    | 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°    | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 |
| 2.5°  | 1044.7 | 1016.2 | 995.3  | 984.8  | 976.2  | 984.3  | 988.9  | 988.9  | 1008.7 | 1020.3 | 1024.9 |
| 5°    | 946.6  | 895.5  | 856.6  | 830.5  | 814.8  | 820.0  | 825.8  | 832.2  | 857.2  | 874.0  | 885.1  |
| 7.5°  | 878.6  | 800.3  | 741.1  | 704.6  | 685.4  | 688.3  | 692.4  | 697.6  | 722.0  | 738.8  | 753.3  |
| 10°   | 865.9  | 753.3  | 669.7  | 621.6  | 598.4  | 594.3  | 591.9  | 590.2  | 604.8  | 617.5  | 629.1  |
| 12.5° | 918.1  | 755.6  | 639.0  | 580.4  | 552.0  | 539.8  | 525.8  | 514.8  | 517.1  | 525.2  | 539.8  |
| 15°   | 1011.6 | 785.3  | 629.1  | 558.9  | 523.5  | 503.2  | 486.9  | 473.6  | 470.7  | 473.6  | 475.9  |
| 17.5° | 1118.4 | 825.2  | 627.9  | 540.3  | 496.2  | 475.3  | 462.0  | 449.8  | 445.7  | 446.3  | 449.2  |
| 20°   | 1189.2 | 857.2  | 624.4  | 519.5  | 470.1  | 451.5  | 439.9  | 427.7  | 423.6  | 424.9  | 425.4  |
| 22.5° | 1196.1 | 874.0  | 619.2  | 496.2  | 443.9  | 428.3  | 416.7  | 405.7  | 405.1  | 405.1  | 408.6  |
| 25°   | 1158.4 | 874.0  | 608.2  | 475.3  | 419.0  | 405.1  | 394.6  | 381.3  | 383.7  | 384.8  | 389.4  |
| 27.5° | 1099.8 | 853.1  | 587.3  | 458.5  | 397.5  | 383.0  | 372.6  | 360.4  | 363.3  | 365.0  | 370.2  |
| 30°   | 1041.7 | 826.5  | 562.4  | 439.3  | 377.2  | 360.4  | 352.9  | 342.5  | 343.6  | 345.9  | 351.7  |
| 32.5° | 987.8  | 798.0  | 532.8  | 423.6  | 356.9  | 340.1  | 334.3  | 322.7  | 324.4  | 326.8  | 333.1  |
| 35°   | 934.4  | 766.7  | 497.9  | 405.1  | 338.4  | 321.5  | 316.8  | 303.5  | 304.7  | 308.2  | 315.1  |
| 37.5° | 876.9  | 733.6  | 469.6  | 386.5  | 320.3  | 303.0  | 298.3  | 284.3  | 285.6  | 289.6  | 297.8  |
| 40°   | 816.5  | 701.1  | 441.7  | 366.7  | 301.2  | 283.8  | 279.7  | 264.7  | 265.8  | 270.5  | 279.1  |
| 42.5° | 755.6  | 665.6  | 420.1  | 341.2  | 281.5  | 262.9  | 258.8  | 244.9  | 246.6  | 251.8  | 260.6  |
| 45°   | 699.4  | 623.3  | 406.2  | 312.8  | 262.9  | 242.0  | 237.9  | 225.2  | 228.7  | 234.4  | 243.1  |
| 47.5° | 651.2  | 579.7  | 400.5  | 289.0  | 243.1  | 220.6  | 217.1  | 206.6  | 212.4  | 218.8  | 225.8  |
| 50°   | 610.0  | 538.0  | 392.9  | 264.7  | 224.6  | 201.9  | 198.4  | 191.5  | 199.1  | 205.4  | 211.9  |
| 52.5° | 580.4  | 490.4  | 376.7  | 242.6  | 208.4  | 186.3  | 185.1  | 181.6  | 188.6  | 194.4  | 200.2  |
| 55°   | 554.8  | 441.1  | 350.5  | 223.4  | 193.8  | 172.9  | 174.1  | 172.4  | 178.1  | 182.9  | 188.0  |
| 57.5° | 531.6  | 398.1  | 317.4  | 208.4  | 178.1  | 161.3  | 164.8  | 162.5  | 165.4  | 168.3  | 174.7  |
| 60°   | 503.8  | 354.6  | 278.0  | 191.5  | 159.6  | 149.8  | 153.8  | 147.4  | 146.8  | 148.0  | 149.8  |
| 62.5° | 462.6  | 296.0  | 236.8  | 170.7  | 143.4  | 136.9  | 138.7  | 126.5  | 117.3  | 117.3  | 119.0  |
| 65°   | 405.1  | 237.9  | 198.4  | 147.4  | 124.7  | 119.5  | 118.4  | 101.0  | 88.3   | 87.0   | 92.2   |
| 67.5° | 338.4  | 195.6  | 164.8  | 124.2  | 103.9  | 100.4  | 101.6  | 88.8   | 76.1   | 74.8   | 80.7   |
| 70°   | 275.6  | 162.0  | 132.9  | 99.2   | 80.1   | 83.5   | 88.8   | 76.1   | 63.9   | 62.1   | 67.3   |
| 72.5° | 224.1  | 128.8  | 103.9  | 76.1   | 59.2   | 69.1   | 75.4   | 62.1   | 50.5   | 49.3   | 54.0   |
| 75°   | 172.9  | 94.6   | 74.3   | 51.7   | 42.9   | 53.4   | 59.2   | 45.3   | 36.0   | 34.2   | 38.3   |
| 77.5° | 115.5  | 58.6   | 41.8   | 32.5   | 25.5   | 36.6   | 39.5   | 23.8   | 20.9   | 20.3   | 23.2   |
| 80°   | 70.2   | 27.3   | 18.0   | 15.7   | 8.7    | 13.3   | 15.7   | 9.8    | 11.1   | 11.6   | 13.9   |
| 82.5° | 35.4   | 7.6    | 2.9    | 0.6    | 0.0    | 0.0    | 4.6    | 2.4    | 4.6    | 5.8    | 8.7    |
| 85°   | 2.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.1    | 2.9    | 5.2    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.4    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 |
| 2.5°  | 1057.4 | 1081.8 | 1105.1 | 1142.2 | 1180.5 | 1218.2 | 1256.4 | 1293.7 | 1307.0 | 1316.8 | 1338.9 |
| 5°    | 935.5  | 981.3  | 1034.7 | 1108.4 | 1187.5 | 1268.6 | 1351.1 | 1426.5 | 1460.7 | 1484.0 | 1536.2 |
| 7.5°  | 809.6  | 869.4  | 946.0  | 1056.9 | 1180.5 | 1309.8 | 1439.3 | 1558.3 | 1613.4 | 1658.0 | 1737.6 |
| 10°   | 684.8  | 749.8  | 846.8  | 973.2  | 1140.4 | 1326.1 | 1504.9 | 1668.5 | 1739.9 | 1796.2 | 1904.1 |
| 12.5° | 575.1  | 636.1  | 737.6  | 877.5  | 1077.7 | 1313.3 | 1542.6 | 1739.3 | 1823.5 | 1886.7 | 2005.1 |
| 15°   | 497.9  | 540.9  | 630.9  | 781.8  | 1003.5 | 1272.1 | 1544.9 | 1773.0 | 1865.3 | 1931.4 | 2034.1 |
| 17.5° | 455.0  | 469.6  | 528.1  | 684.3  | 921.1  | 1218.2 | 1523.5 | 1784.6 | 1883.2 | 1944.7 | 2016.2 |
| 20°   | 431.8  | 434.1  | 450.4  | 557.7  | 815.4  | 1167.7 | 1503.2 | 1796.2 | 1900.0 | 1951.7 | 1973.2 |
| 22.5° | 413.2  | 413.2  | 417.3  | 456.1  | 679.1  | 1107.3 | 1496.7 | 1816.5 | 1923.3 | 1955.2 | 1911.1 |
| 25°   | 396.4  | 396.4  | 397.5  | 408.0  | 538.0  | 1015.1 | 1492.7 | 1847.9 | 1955.2 | 1963.9 | 1842.6 |
| 27.5° | 378.9  | 379.6  | 379.6  | 385.4  | 433.6  | 889.7  | 1475.3 | 1888.5 | 1993.5 | 1975.6 | 1777.0 |
| 30°   | 361.5  | 362.7  | 362.7  | 366.7  | 383.7  | 742.8  | 1441.0 | 1937.2 | 2043.4 | 1990.7 | 1712.1 |
| 32.5° | 344.2  | 345.3  | 345.3  | 348.8  | 361.0  | 593.2  | 1398.1 | 1981.9 | 2094.0 | 1997.0 | 1651.7 |
| 35°   | 326.2  | 327.9  | 326.8  | 331.4  | 344.2  | 471.8  | 1343.6 | 2026.6 | 2148.5 | 2017.3 | 1622.1 |
| 37.5° | 308.2  | 309.3  | 308.7  | 313.3  | 327.9  | 407.4  | 1280.2 | 2060.2 | 2222.8 | 2062.6 | 1657.5 |
| 40°   | 290.2  | 289.6  | 289.6  | 294.8  | 310.5  | 388.9  | 1200.8 | 2113.7 | 2329.5 | 2142.1 | 1811.9 |
| 42.5° | 271.6  | 271.6  | 270.5  | 276.2  | 295.4  | 374.9  | 1124.7 | 2209.4 | 2485.1 | 2268.6 | 2085.8 |
| 45°   | 254.8  | 254.2  | 251.8  | 257.1  | 280.8  | 350.5  | 1098.1 | 2388.1 | 2714.9 | 2473.5 | 2417.2 |
| 47.5° | 238.5  | 237.9  | 232.2  | 236.8  | 263.5  | 328.5  | 1197.8 | 2680.7 | 3033.5 | 2774.7 | 2727.7 |
| 50°   | 224.1  | 224.6  | 213.6  | 217.6  | 246.1  | 311.7  | 1414.3 | 3060.2 | 3456.6 | 3180.4 | 3021.9 |
| 52.5° | 210.6  | 210.6  | 196.2  | 198.4  | 224.6  | 296.5  | 1620.3 | 3471.7 | 4014.9 | 3746.2 | 3364.9 |
| 55°   | 197.3  | 196.2  | 179.9  | 181.1  | 203.2  | 275.1  | 1651.1 | 3873.3 | 4776.4 | 4597.6 | 3833.8 |
| 57.5° | 182.2  | 179.9  | 164.8  | 164.8  | 183.4  | 259.4  | 1431.2 | 4182.1 | 5721.1 | 5848.9 | 4510.0 |
| 60°   | 163.7  | 162.0  | 152.0  | 149.1  | 167.7  | 273.4  | 1009.8 | 4218.1 | 6330.5 | 7512.7 | 5804.8 |
| 62.5° | 139.9  | 142.2  | 136.9  | 132.9  | 152.6  | 283.8  | 598.4  | 3928.4 | 6183.1 | 8042.0 | 7355.5 |
| 65°   | 110.3  | 119.5  | 118.4  | 115.5  | 167.7  | 239.1  | 353.4  | 3372.5 | 5731.1 | 7614.9 | 7039.2 |
| 67.5° | 94.0   | 100.4  | 98.7   | 98.7   | 175.9  | 181.6  | 222.3  | 2634.9 | 5108.9 | 7108.3 | 6287.6 |
| 70°   | 80.1   | 86.5   | 80.1   | 80.1   | 132.9  | 110.3  | 153.8  | 1839.8 | 4437.4 | 6547.6 | 5794.3 |
| 72.5° | 66.1   | 72.6   | 65.6   | 61.0   | 106.2  | 82.4   | 112.5  | 1149.6 | 3800.2 | 5963.8 | 5456.5 |
| 75°   | 50.5   | 58.0   | 52.8   | 47.0   | 70.2   | 61.5   | 85.3   | 668.0  | 3148.5 | 5102.6 | 4975.5 |
| 77.5° | 31.9   | 41.8   | 39.5   | 33.1   | 51.7   | 44.7   | 61.5   | 397.5  | 2429.4 | 3987.0 | 4279.6 |
| 80°   | 19.8   | 21.4   | 22.0   | 20.9   | 29.6   | 30.1   | 41.8   | 226.3  | 1662.8 | 2778.8 | 3343.4 |
| 82.5° | 12.8   | 12.8   | 9.8    | 11.1   | 14.6   | 17.4   | 23.8   | 85.3   | 977.3  | 1691.8 | 2327.3 |
| 85°   | 9.3    | 8.1    | 5.2    | 5.2    | 7.0    | 8.7    | 9.3    | 26.1   | 396.4  | 668.0  | 910.0  |
| 87.5° | 4.6    | 4.1    | 1.7    | 2.4    | 3.5    | 2.9    | 2.4    | 1.1    | 99.8   | 213.6  | 149.8  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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CATALOG NUMBER: NAV-SB1D-750-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°    | 315°    | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|---------|---------|--------|--------|--------|--------|--------|
| 0°    | 1166.6 | 1166.6  | 1166.6  | 1166.6 | 1166.6 | 1166.6 | 1166.6 | 1166.6 |
| 2.5°  | 1350.5 | 1368.5  | 1369.6  | 1369.6 | 1354.0 | 1353.4 | 1321.4 | 1317.9 |
| 5°    | 1590.2 | 1601.8  | 1604.7  | 1598.9 | 1567.5 | 1544.4 | 1482.3 | 1468.9 |
| 7.5°  | 1809.5 | 1832.8  | 1832.8  | 1818.9 | 1767.8 | 1720.2 | 1630.3 | 1596.5 |
| 10°   | 1984.8 | 2011.6  | 2005.7  | 1977.3 | 1912.9 | 1847.3 | 1738.2 | 1694.0 |
| 12.5° | 2070.1 | 2097.5  | 2082.3  | 2049.8 | 1987.2 | 1918.1 | 1803.2 | 1753.3 |
| 15°   | 2068.3 | 2060.9  | 2045.2  | 2041.1 | 2010.9 | 1958.7 | 1851.4 | 1796.8 |
| 17.5° | 1994.6 | 1930.9  | 1918.7  | 1959.3 | 1997.6 | 1984.8 | 1893.2 | 1842.0 |
| 20°   | 1878.0 | 1766.6  | 1755.6  | 1833.3 | 1942.5 | 1998.1 | 1932.0 | 1885.0 |
| 22.5° | 1755.0 | 1634.9  | 1609.4  | 1695.2 | 1859.5 | 2002.2 | 1981.3 | 1934.4 |
| 25°   | 1638.4 | 1517.6  | 1492.1  | 1572.1 | 1767.2 | 1995.3 | 2034.7 | 1994.6 |
| 27.5° | 1540.9 | 1424.2  | 1400.4  | 1480.5 | 1678.4 | 1975.6 | 2088.1 | 2059.7 |
| 30°   | 1465.4 | 1357.4  | 1340.1  | 1417.3 | 1601.8 | 1951.2 | 2156.0 | 2140.4 |
| 32.5° | 1421.3 | 1342.3  | 1348.8  | 1412.0 | 1560.6 | 1924.4 | 2221.1 | 2228.6 |
| 35°   | 1464.8 | 1468.3  | 1524.0  | 1550.1 | 1598.9 | 1920.4 | 2309.2 | 2338.8 |
| 37.5° | 1681.3 | 1802.1  | 1917.5  | 1896.0 | 1786.4 | 1967.4 | 2441.0 | 2496.1 |
| 40°   | 2049.8 | 2297.6  | 2485.1  | 2403.2 | 2127.0 | 2111.3 | 2630.8 | 2713.2 |
| 42.5° | 2500.2 | 2920.3  | 3229.2  | 3009.7 | 2566.4 | 2363.2 | 2901.8 | 3006.8 |
| 45°   | 2975.5 | 3688.2  | 4174.5  | 3718.4 | 3034.7 | 2716.0 | 3312.1 | 3394.5 |
| 47.5° | 3476.4 | 4621.4  | 5250.5  | 4504.2 | 3468.8 | 3117.6 | 3871.5 | 3890.7 |
| 50°   | 4024.3 | 5644.6  | 6347.4  | 5289.4 | 3887.8 | 3577.9 | 4555.2 | 4533.2 |
| 52.5° | 4546.0 | 6696.7  | 7421.0  | 6078.0 | 4255.8 | 4149.0 | 5348.6 | 5303.3 |
| 55°   | 5043.9 | 7748.4  | 8501.0  | 6836.0 | 4602.9 | 4903.5 | 6291.0 | 6017.2 |
| 57.5° | 5621.3 | 8693.7  | 9614.2  | 7597.5 | 5088.0 | 5883.1 | 7345.0 | 6431.6 |
| 60°   | 6475.0 | 9768.0  | 10873.0 | 8641.0 | 6010.8 | 6912.6 | 7722.9 | 6352.6 |
| 62.5° | 7565.0 | 10755.7 | 11788.2 | 9663.6 | 6937.6 | 7106.5 | 7166.3 | 5744.4 |
| 65°   | 7776.8 | 11005.9 | 11839.9 | 9936.9 | 6818.1 | 6028.2 | 5850.6 | 4617.3 |
| 67.5° | 7215.0 | 10553.8 | 11118.0 | 9427.9 | 6031.1 | 4658.5 | 4390.4 | 3349.8 |
| 70°   | 6584.7 | 9692.0  | 9859.7  | 8562.6 | 5304.5 | 3426.5 | 2965.0 | 2149.6 |
| 72.5° | 5938.8 | 8542.2  | 8195.3  | 7436.2 | 4662.0 | 2495.0 | 2138.7 | 1528.1 |
| 75°   | 5171.5 | 7030.5  | 6455.3  | 6178.5 | 3859.9 | 1958.2 | 1547.2 | 1054.5 |
| 77.5° | 4141.4 | 4948.7  | 4795.0  | 4789.1 | 2900.6 | 1430.6 | 1032.5 | 661.0  |
| 80°   | 2921.6 | 3211.7  | 3133.3  | 3607.0 | 1946.0 | 1037.7 | 621.6  | 368.0  |
| 82.5° | 1414.3 | 1775.9  | 1822.9  | 2147.9 | 946.6  | 610.5  | 143.4  | 80.1   |
| 85°   | 553.7  | 856.6   | 722.5   | 815.4  | 265.8  | 170.0  | 3.5    | 0.0    |
| 87.5° | 62.1   | 99.2    | 91.1    | 72.0   | 32.5   | 7.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)