

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: P960441

Luminaire Tested: **NAV-SB1C-760-U-SLR-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P960441  
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-SB1C-760-U-SLR-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 5700K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

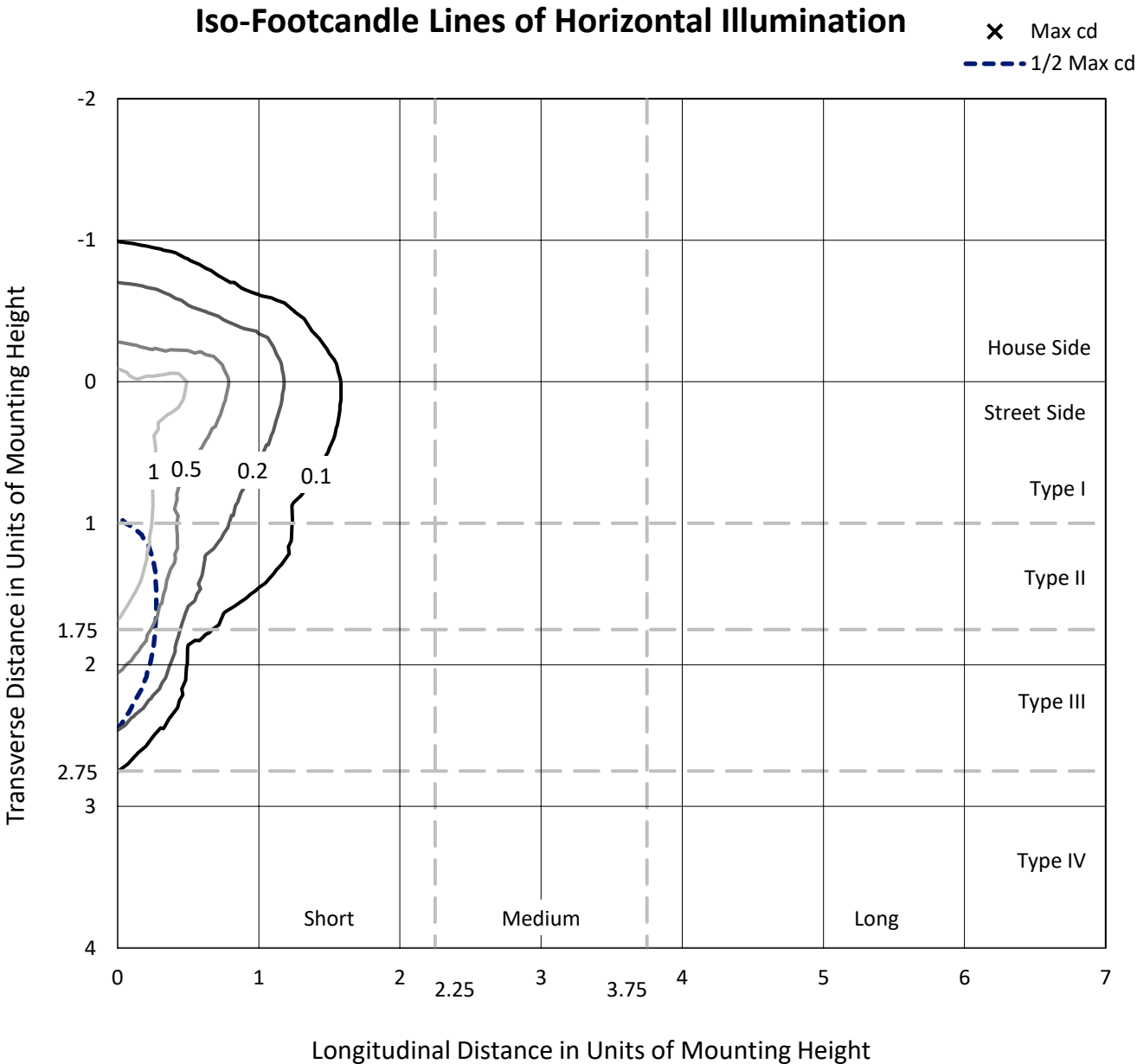
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6200.2 lumens  
Efficiency: N/A  
Efficacy: 114.0 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): 54.4  
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

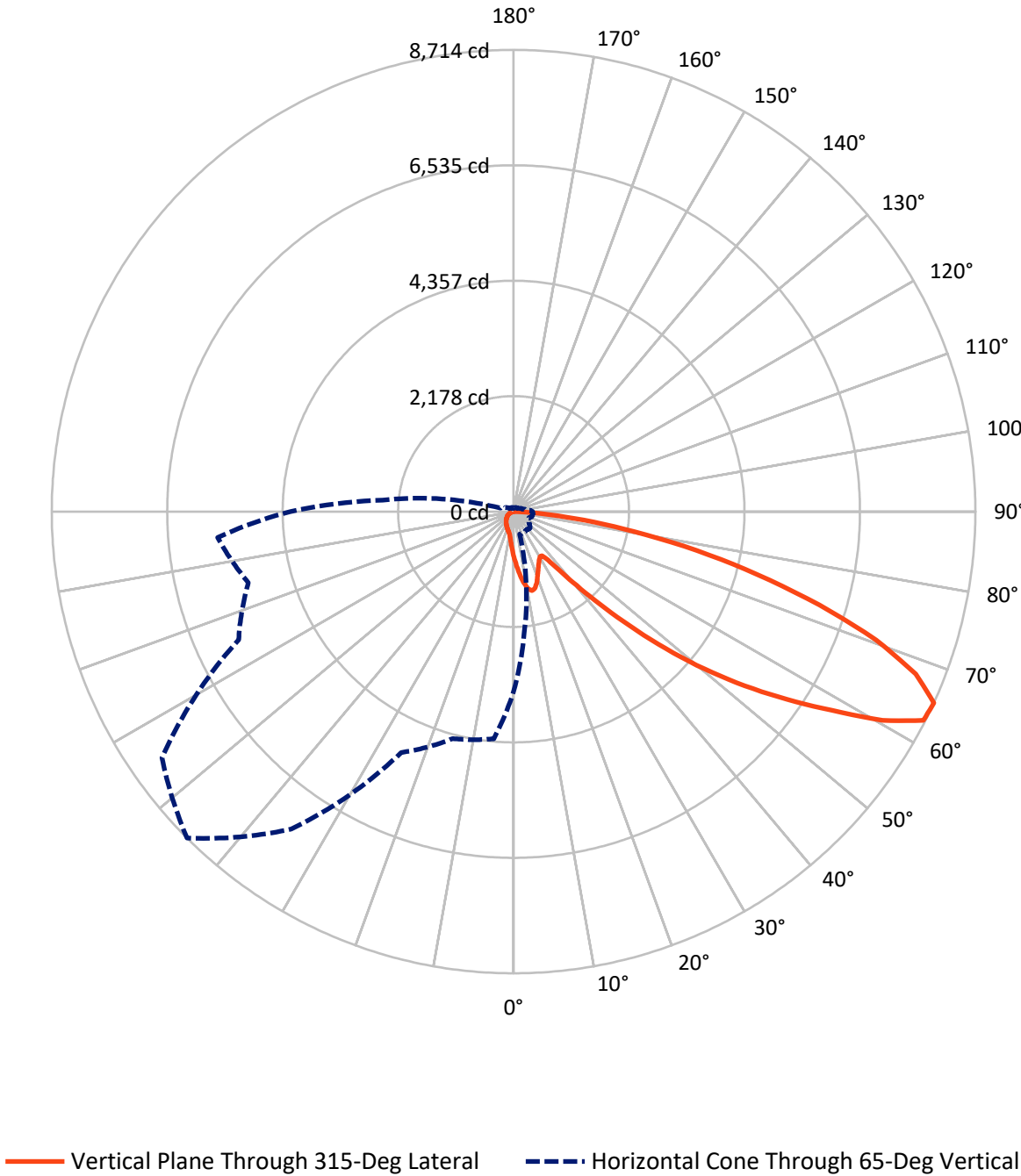


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Luminous Intensity Polar Plot



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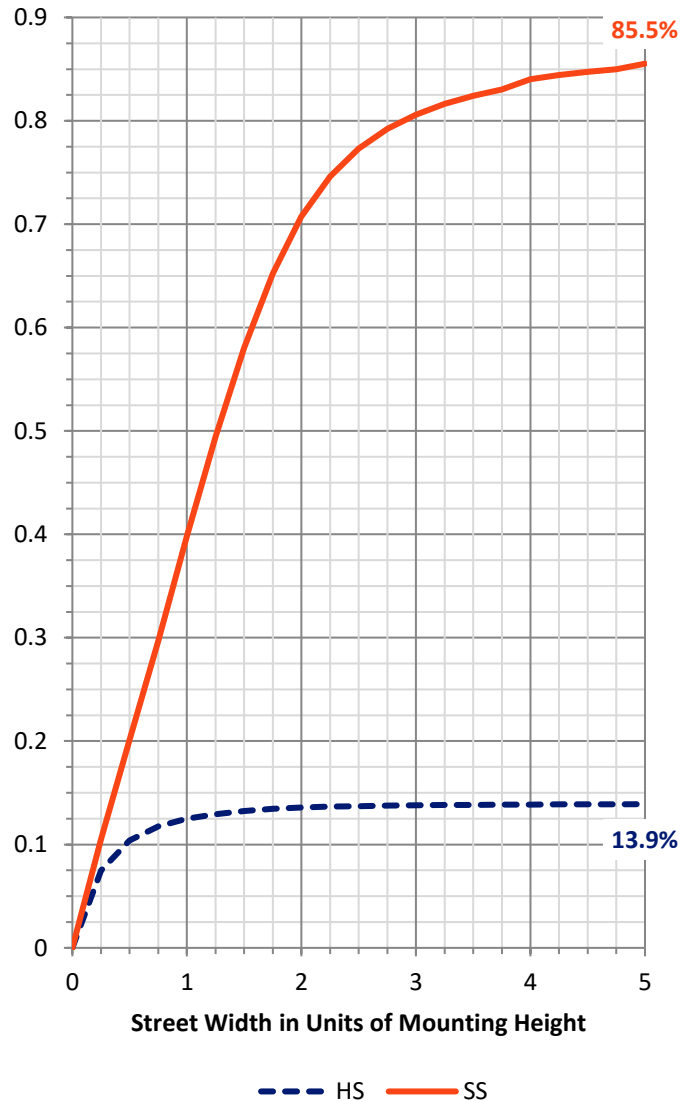
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 868.3    | 0.0    | 868.3  |
|                    | % Fixture | 14.0     | 0.0    | 14.0   |
| <b>Street Side</b> | Lumens    | 5331.9   | 0.0    | 5331.9 |
|                    | % Fixture | 86.0     | 0.0    | 86.0   |
| <b>Total</b>       | Lumens    | 6200.2   | 0.0    | 6200.2 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 84.5   | 1.4       |
| 10°-20°   | 253.4  | 4.1       |
| 20°-30°   | 373.3  | 6.0       |
| 30°-40°   | 479.6  | 7.7       |
| 40°-50°   | 775.6  | 12.5      |
| 50°-60°   | 1360.1 | 21.9      |
| 60°-70°   | 1701.9 | 27.4      |
| 70°-80°   | 994.5  | 16.0      |
| 80°-90°   | 177.4  | 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°    | 6200.2 | 100.0     |
| 0°-180°   | 6200.2 | 100.0     |

**Coefficient of Utilization**



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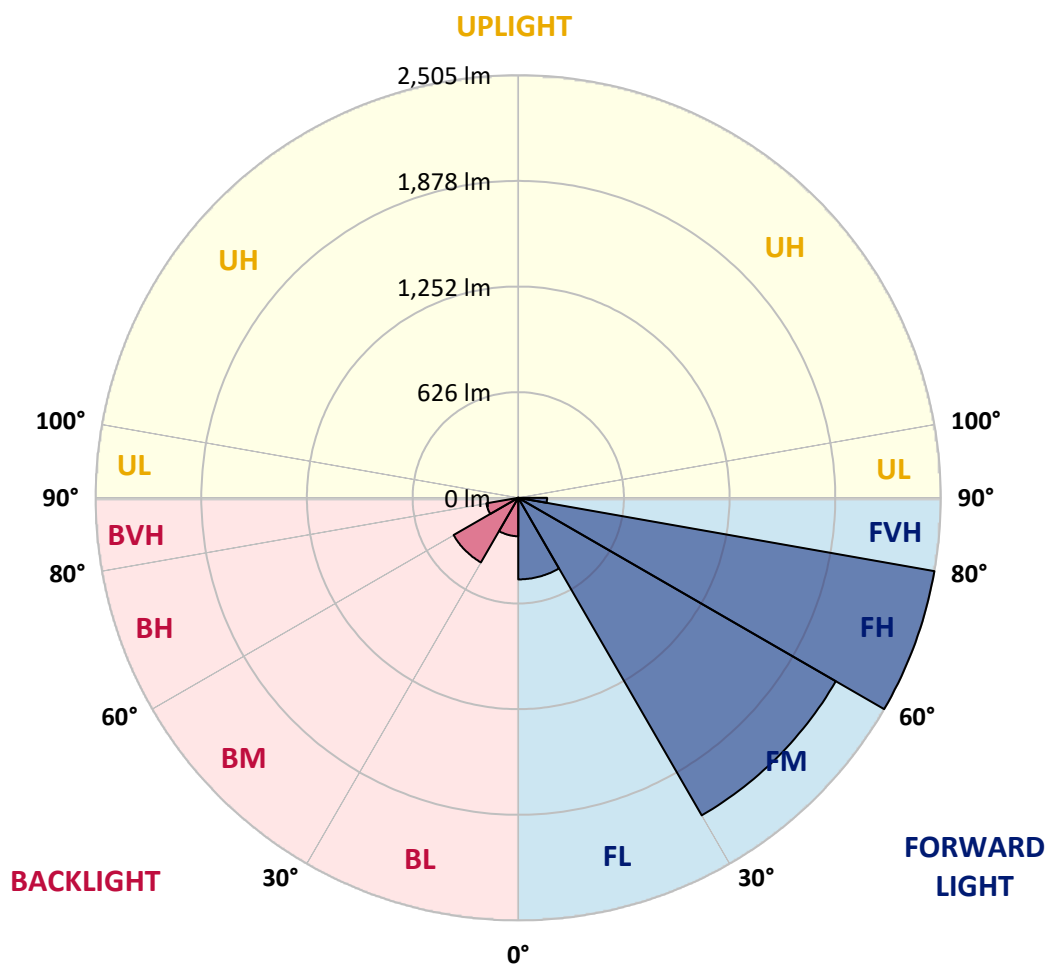
CATALOG NUMBER: NAV-SB1C-760-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 483.6  | 7.8       |                         |      |         |
| FM   | (30°-60°)   | 2173.1 | 35.0      |                         |      |         |
| FH   | (60°-80°)   | 2504.6 | 40.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 170.6  | 2.8       |                         |      | G2/225  |
| BL   | (0°-30°)    | 227.6  | 3.7       | B1/500                  |      |         |
| BM   | (30°-60°)   | 442.2  | 7.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 191.7  | 3.1       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 6.8    | 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°    | 858.5  | 858.5  | 858.5  | 858.5  | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 |
| 2.5°  | 970.1  | 953.4  | 943.5  | 919.2  | 894.8 | 875.1 | 848.7 | 831.2 | 810.3 | 790.2 | 772.2 |
| 5°    | 1081.1 | 1054.1 | 1021.7 | 977.2  | 936.7 | 895.2 | 855.2 | 815.4 | 773.6 | 735.1 | 711.6 |
| 7.5°  | 1175.1 | 1136.2 | 1078.9 | 1020.0 | 968.3 | 918.3 | 871.4 | 818.8 | 767.9 | 707.8 | 675.7 |
| 10°   | 1246.8 | 1197.2 | 1122.1 | 1044.8 | 985.4 | 935.0 | 889.3 | 844.9 | 793.7 | 721.0 | 680.8 |
| 12.5° | 1290.4 | 1237.4 | 1148.1 | 1057.6 | 989.6 | 933.3 | 897.8 | 878.2 | 858.1 | 786.0 | 738.9 |
| 15°   | 1322.4 | 1265.2 | 1166.4 | 1066.5 | 979.8 | 910.6 | 884.6 | 904.3 | 927.3 | 881.2 | 827.0 |
| 17.5° | 1355.7 | 1295.5 | 1190.4 | 1070.4 | 953.4 | 866.6 | 855.6 | 906.4 | 959.8 | 957.7 | 903.8 |
| 20°   | 1387.3 | 1327.5 | 1211.3 | 1067.8 | 910.6 | 813.2 | 823.1 | 888.0 | 950.0 | 976.0 | 947.0 |
| 22.5° | 1423.6 | 1360.4 | 1231.4 | 1058.0 | 855.2 | 763.3 | 794.1 | 859.0 | 913.2 | 943.9 | 935.0 |
| 25°   | 1468.0 | 1401.9 | 1259.6 | 1043.4 | 795.3 | 721.8 | 764.5 | 825.2 | 869.2 | 890.5 | 890.1 |
| 27.5° | 1515.9 | 1451.4 | 1297.2 | 1035.8 | 747.0 | 692.4 | 731.2 | 785.0 | 824.4 | 839.3 | 839.3 |
| 30°   | 1575.2 | 1509.0 | 1341.6 | 1027.3 | 715.4 | 675.3 | 696.7 | 738.5 | 776.9 | 791.9 | 791.9 |
| 32.5° | 1640.2 | 1573.2 | 1384.4 | 1006.8 | 696.2 | 662.5 | 662.9 | 689.4 | 724.4 | 742.3 | 744.9 |
| 35°   | 1721.4 | 1650.0 | 1430.1 | 961.9  | 680.8 | 647.5 | 630.1 | 642.9 | 671.9 | 693.2 | 698.7 |
| 37.5° | 1837.1 | 1750.8 | 1485.9 | 897.8  | 658.3 | 624.4 | 595.4 | 598.4 | 620.6 | 644.1 | 652.6 |
| 40°   | 1996.8 | 1886.2 | 1551.7 | 831.2  | 625.8 | 592.0 | 557.4 | 556.2 | 572.4 | 595.4 | 604.9 |
| 42.5° | 2213.0 | 2065.2 | 1630.8 | 767.5  | 594.6 | 552.7 | 517.2 | 515.2 | 528.0 | 548.0 | 557.8 |
| 45°   | 2498.3 | 2294.2 | 1727.7 | 712.9  | 570.2 | 514.2 | 479.3 | 478.4 | 489.0 | 506.6 | 516.8 |
| 47.5° | 2863.4 | 2612.3 | 1824.7 | 675.7  | 557.4 | 483.9 | 448.0 | 449.8 | 459.2 | 475.0 | 482.3 |
| 50°   | 3336.3 | 3027.0 | 1854.2 | 656.9  | 557.4 | 467.7 | 420.2 | 428.9 | 436.5 | 448.4 | 452.7 |
| 52.5° | 3903.1 | 3425.1 | 1756.7 | 639.8  | 560.8 | 469.9 | 396.8 | 415.1 | 420.8 | 431.0 | 432.7 |
| 55°   | 4428.5 | 3620.4 | 1510.3 | 616.3  | 561.7 | 483.1 | 376.7 | 404.1 | 414.3 | 418.2 | 417.7 |
| 57.5° | 4733.4 | 3553.3 | 1221.2 | 576.7  | 558.2 | 492.1 | 363.9 | 390.4 | 410.0 | 412.6 | 408.8 |
| 60°   | 4675.3 | 3317.9 | 899.1  | 546.3  | 533.1 | 488.6 | 360.1 | 369.5 | 400.7 | 404.5 | 399.3 |
| 62.5° | 4227.7 | 2923.3 | 624.0  | 522.9  | 477.5 | 473.7 | 358.7 | 336.6 | 380.2 | 389.5 | 382.3 |
| 65°   | 3398.3 | 2301.3 | 440.7  | 450.2  | 418.6 | 441.3 | 352.0 | 302.4 | 355.4 | 368.2 | 357.1 |
| 67.5° | 2465.4 | 1557.3 | 318.3  | 364.8  | 379.2 | 388.7 | 336.6 | 277.7 | 327.2 | 344.3 | 329.7 |
| 70°   | 1582.1 | 841.0  | 223.3  | 240.9  | 319.5 | 330.2 | 310.1 | 255.4 | 298.6 | 318.3 | 302.4 |
| 72.5° | 1124.6 | 496.7  | 160.6  | 168.7  | 256.7 | 275.1 | 273.0 | 230.6 | 265.3 | 289.2 | 270.4 |
| 75°   | 776.1  | 273.8  | 108.4  | 120.4  | 186.2 | 223.3 | 210.5 | 198.2 | 224.7 | 249.0 | 230.6 |
| 77.5° | 486.5  | 122.6  | 64.9   | 83.7   | 122.2 | 175.6 | 144.3 | 153.3 | 175.2 | 197.7 | 178.6 |
| 80°   | 270.8  | 47.5   | 36.3   | 55.6   | 66.6  | 127.7 | 79.8  | 98.7  | 128.9 | 145.2 | 129.9 |
| 82.5° | 58.9   | 5.9    | 16.2   | 23.9   | 26.0  | 74.3  | 42.3  | 57.2  | 81.2  | 79.8  | 69.2  |
| 85°   | 0.0    | 0.0    | 3.0    | 3.4    | 1.7   | 32.1  | 15.4  | 18.8  | 26.4  | 24.8  | 18.8  |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.8   | 0.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  | 185°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 |
| 2.5°  | 768.9 | 747.9 | 732.6 | 724.9 | 718.4 | 724.4 | 727.9 | 727.9 | 742.3 | 750.9 | 754.3 |
| 5°    | 696.7 | 659.1 | 630.5 | 611.2 | 599.7 | 603.5 | 607.8 | 612.5 | 630.9 | 643.3 | 651.4 |
| 7.5°  | 646.7 | 589.0 | 545.4 | 518.5 | 504.4 | 506.6 | 509.5 | 513.4 | 531.4 | 543.8 | 554.4 |
| 10°   | 637.2 | 554.4 | 492.9 | 457.5 | 440.3 | 437.4 | 435.6 | 434.4 | 445.1 | 454.5 | 463.0 |
| 12.5° | 675.7 | 556.2 | 470.3 | 427.1 | 406.2 | 397.2 | 386.9 | 378.8 | 380.6 | 386.5 | 397.2 |
| 15°   | 744.5 | 577.9 | 463.0 | 411.3 | 385.3 | 370.3 | 358.3 | 348.5 | 346.4 | 348.5 | 350.2 |
| 17.5° | 823.1 | 607.4 | 462.2 | 397.7 | 365.2 | 349.8 | 340.0 | 331.1 | 328.0 | 328.5 | 330.6 |
| 20°   | 875.1 | 630.9 | 459.6 | 382.3 | 345.9 | 332.3 | 323.8 | 314.8 | 311.8 | 312.6 | 313.1 |
| 22.5° | 880.3 | 643.3 | 455.7 | 365.2 | 326.8 | 315.2 | 306.7 | 298.6 | 298.2 | 298.2 | 300.7 |
| 25°   | 852.6 | 643.3 | 447.6 | 349.8 | 308.4 | 298.2 | 290.5 | 280.6 | 282.3 | 283.2 | 286.6 |
| 27.5° | 809.4 | 627.9 | 432.2 | 337.4 | 292.5 | 281.9 | 274.2 | 265.3 | 267.4 | 268.7 | 272.5 |
| 30°   | 766.7 | 608.2 | 413.9 | 323.4 | 277.7 | 265.3 | 259.7 | 252.0 | 252.9 | 254.6 | 258.8 |
| 32.5° | 726.9 | 587.3 | 392.1 | 311.8 | 262.7 | 250.3 | 246.0 | 237.5 | 238.7 | 240.5 | 245.2 |
| 35°   | 687.7 | 564.3 | 366.4 | 298.2 | 249.0 | 236.7 | 233.2 | 223.3 | 224.3 | 226.8 | 232.0 |
| 37.5° | 645.4 | 539.9 | 345.5 | 284.4 | 235.7 | 222.9 | 219.6 | 209.3 | 210.1 | 213.1 | 219.1 |
| 40°   | 601.0 | 516.0 | 325.0 | 270.0 | 221.7 | 208.9 | 205.9 | 194.7 | 195.7 | 199.1 | 205.4 |
| 42.5° | 556.2 | 489.9 | 309.2 | 251.1 | 207.2 | 193.5 | 190.5 | 180.3 | 181.5 | 185.4 | 191.8 |
| 45°   | 514.7 | 458.7 | 299.0 | 230.2 | 193.5 | 178.1 | 175.2 | 165.7 | 168.3 | 172.6 | 179.0 |
| 47.5° | 479.3 | 426.7 | 294.7 | 212.7 | 179.0 | 162.4 | 159.8 | 152.0 | 156.3 | 161.0 | 166.2 |
| 50°   | 449.0 | 396.0 | 289.2 | 194.7 | 165.3 | 148.6 | 146.1 | 140.9 | 146.5 | 151.2 | 155.9 |
| 52.5° | 427.1 | 360.9 | 277.2 | 178.6 | 153.3 | 137.1 | 136.2 | 133.7 | 138.8 | 143.1 | 147.4 |
| 55°   | 408.4 | 324.6 | 258.0 | 164.4 | 142.7 | 127.3 | 128.1 | 126.9 | 131.1 | 134.6 | 138.4 |
| 57.5° | 391.2 | 293.0 | 233.6 | 153.3 | 131.1 | 118.7 | 121.3 | 119.6 | 121.8 | 123.8 | 128.5 |
| 60°   | 370.7 | 261.0 | 204.6 | 140.9 | 117.5 | 110.2 | 113.2 | 108.4 | 108.0 | 109.0 | 110.2 |
| 62.5° | 340.4 | 217.8 | 174.2 | 125.6 | 105.5 | 100.8 | 102.1 | 93.1  | 86.3  | 86.3  | 87.5  |
| 65°   | 298.2 | 175.2 | 146.1 | 108.4 | 91.8  | 87.9  | 87.1  | 74.3  | 64.9  | 64.1  | 68.0  |
| 67.5° | 249.0 | 143.9 | 121.3 | 91.4  | 76.5  | 73.9  | 74.7  | 65.4  | 56.0  | 55.1  | 59.3  |
| 70°   | 202.8 | 119.2 | 97.8  | 73.1  | 58.9  | 61.5  | 65.4  | 56.0  | 46.9  | 45.7  | 49.5  |
| 72.5° | 164.9 | 94.8  | 76.5  | 56.0  | 43.6  | 50.8  | 55.6  | 45.7  | 37.2  | 36.3  | 39.8  |
| 75°   | 127.3 | 69.6  | 54.6  | 38.0  | 31.6  | 39.3  | 43.6  | 33.3  | 26.4  | 25.2  | 28.2  |
| 77.5° | 85.0  | 43.2  | 30.7  | 23.9  | 18.8  | 27.0  | 29.0  | 17.5  | 15.4  | 15.0  | 17.1  |
| 80°   | 51.7  | 20.1  | 13.2  | 11.6  | 6.5   | 9.8   | 11.6  | 7.3   | 8.1   | 8.5   | 10.2  |
| 82.5° | 26.0  | 5.5   | 2.2   | 0.4   | 0.0   | 0.0   | 3.4   | 1.7   | 3.4   | 4.3   | 6.5   |
| 85°   | 2.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.8   | 2.2   | 3.9   |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 1.7   |
| 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°    | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5  | 858.5  | 858.5  | 858.5  | 858.5  |
| 2.5°  | 778.3 | 796.2 | 813.2 | 840.6 | 868.8 | 896.6 | 924.8  | 952.1  | 961.9  | 969.1  | 985.4  |
| 5°    | 688.5 | 722.3 | 761.6 | 815.8 | 873.9 | 933.7 | 994.4  | 1049.9 | 1075.1 | 1092.1 | 1130.6 |
| 7.5°  | 595.8 | 639.8 | 696.2 | 777.8 | 868.8 | 964.0 | 1059.2 | 1146.9 | 1187.5 | 1220.3 | 1278.8 |
| 10°   | 504.0 | 551.9 | 623.2 | 716.3 | 839.3 | 976.0 | 1107.5 | 1227.9 | 1280.5 | 1321.9 | 1401.4 |
| 12.5° | 423.3 | 468.1 | 542.8 | 645.9 | 793.1 | 966.6 | 1135.3 | 1280.1 | 1342.0 | 1388.6 | 1475.7 |
| 15°   | 366.4 | 398.1 | 464.3 | 575.3 | 738.5 | 936.2 | 1137.0 | 1304.9 | 1372.8 | 1421.5 | 1497.1 |
| 17.5° | 334.9 | 345.5 | 388.7 | 503.6 | 677.8 | 896.6 | 1121.2 | 1313.4 | 1386.0 | 1431.3 | 1483.9 |
| 20°   | 317.8 | 319.5 | 331.5 | 410.5 | 600.1 | 859.4 | 1106.3 | 1321.9 | 1398.4 | 1436.4 | 1452.2 |
| 22.5° | 304.1 | 304.1 | 307.1 | 335.7 | 499.8 | 815.0 | 1101.6 | 1336.9 | 1415.5 | 1439.0 | 1406.5 |
| 25°   | 291.7 | 291.7 | 292.5 | 300.2 | 396.0 | 747.0 | 1098.6 | 1360.0 | 1439.0 | 1445.5 | 1356.2 |
| 27.5° | 278.9 | 279.3 | 279.3 | 283.6 | 319.1 | 654.8 | 1085.8 | 1389.9 | 1467.2 | 1454.0 | 1307.9 |
| 30°   | 266.1 | 266.9 | 266.9 | 270.0 | 282.3 | 546.7 | 1060.6 | 1425.8 | 1503.9 | 1465.0 | 1260.0 |
| 32.5° | 253.3 | 254.1 | 254.1 | 256.7 | 265.7 | 436.5 | 1029.0 | 1458.7 | 1541.1 | 1469.7 | 1215.6 |
| 35°   | 240.1 | 241.3 | 240.5 | 243.8 | 253.3 | 347.3 | 988.8  | 1491.6 | 1581.3 | 1484.7 | 1193.8 |
| 37.5° | 226.8 | 227.7 | 227.2 | 230.6 | 241.3 | 299.8 | 942.3  | 1516.3 | 1635.9 | 1518.0 | 1219.9 |
| 40°   | 213.6 | 213.1 | 213.1 | 217.0 | 228.5 | 286.2 | 883.8  | 1555.6 | 1714.5 | 1576.6 | 1333.5 |
| 42.5° | 199.9 | 199.9 | 199.1 | 203.4 | 217.4 | 275.9 | 827.8  | 1626.1 | 1829.0 | 1669.6 | 1535.1 |
| 45°   | 187.5 | 187.1 | 185.4 | 189.2 | 206.7 | 258.0 | 808.1  | 1757.7 | 1998.1 | 1820.4 | 1779.0 |
| 47.5° | 175.6 | 175.2 | 170.9 | 174.2 | 193.9 | 241.8 | 881.6  | 1972.9 | 2232.7 | 2042.1 | 2007.6 |
| 50°   | 164.9 | 165.3 | 157.2 | 160.2 | 181.1 | 229.4 | 1040.9 | 2252.2 | 2543.9 | 2340.7 | 2224.0 |
| 52.5° | 155.1 | 155.1 | 144.3 | 146.1 | 165.3 | 218.2 | 1192.6 | 2555.1 | 2954.9 | 2757.1 | 2476.5 |
| 55°   | 145.2 | 144.3 | 132.4 | 133.2 | 149.4 | 202.4 | 1215.1 | 2850.6 | 3515.2 | 3383.7 | 2821.6 |
| 57.5° | 134.1 | 132.4 | 121.3 | 121.3 | 135.0 | 191.0 | 1053.3 | 3077.9 | 4210.7 | 4304.6 | 3319.3 |
| 60°   | 120.4 | 119.2 | 111.9 | 109.8 | 123.4 | 201.2 | 743.2  | 3104.4 | 4659.1 | 5529.2 | 4272.2 |
| 62.5° | 102.9 | 104.7 | 100.8 | 97.8  | 112.3 | 208.9 | 440.3  | 2891.2 | 4550.7 | 5918.8 | 5413.4 |
| 65°   | 81.2  | 87.9  | 87.1  | 85.0  | 123.4 | 176.0 | 260.1  | 2482.0 | 4217.9 | 5604.4 | 5180.7 |
| 67.5° | 69.2  | 73.9  | 72.6  | 72.6  | 129.5 | 133.7 | 163.6  | 1939.2 | 3760.0 | 5231.5 | 4627.6 |
| 70°   | 58.9  | 63.7  | 58.9  | 58.9  | 97.8  | 81.2  | 113.2  | 1354.0 | 3265.9 | 4818.9 | 4264.5 |
| 72.5° | 48.7  | 53.4  | 48.3  | 44.9  | 78.2  | 60.7  | 82.8   | 846.1  | 2796.8 | 4389.2 | 4015.8 |
| 75°   | 37.2  | 42.7  | 38.8  | 34.6  | 51.7  | 45.3  | 62.8   | 491.6  | 2317.2 | 3755.3 | 3661.8 |
| 77.5° | 23.5  | 30.7  | 29.0  | 24.4  | 38.0  | 32.9  | 45.3   | 292.5  | 1788.0 | 2934.4 | 3149.6 |
| 80°   | 14.6  | 15.8  | 16.2  | 15.4  | 21.8  | 22.2  | 30.7   | 166.6  | 1223.7 | 2045.1 | 2460.7 |
| 82.5° | 9.4   | 9.4   | 7.3   | 8.1   | 10.7  | 12.8  | 17.5   | 62.8   | 719.2  | 1245.1 | 1712.8 |
| 85°   | 6.9   | 5.9   | 3.9   | 3.9   | 5.1   | 6.5   | 6.9    | 19.3   | 291.7  | 491.6  | 669.7  |
| 87.5° | 3.4   | 3.0   | 1.3   | 1.7   | 2.6   | 2.2   | 1.7    | 0.8    | 73.5   | 157.2  | 110.2  |
| 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: P960441

CATALOG NUMBER: NAV-SB1C-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 858.5  | 858.5  | 858.5  | 858.5  | 858.5  | 858.5  | 858.5  | 858.5  |
| 2.5°  | 993.9  | 1007.2 | 1008.0 | 1008.0 | 996.5  | 996.1  | 972.6  | 970.1  |
| 5°    | 1170.3 | 1178.9 | 1181.0 | 1176.7 | 1153.6 | 1136.6 | 1090.9 | 1081.1 |
| 7.5°  | 1331.8 | 1348.9 | 1348.9 | 1338.6 | 1301.0 | 1266.0 | 1199.8 | 1175.1 |
| 10°   | 1460.8 | 1480.4 | 1476.2 | 1455.2 | 1407.8 | 1359.6 | 1279.3 | 1246.8 |
| 12.5° | 1523.6 | 1543.6 | 1532.6 | 1508.6 | 1462.5 | 1411.6 | 1327.1 | 1290.4 |
| 15°   | 1522.3 | 1516.7 | 1505.2 | 1502.2 | 1480.0 | 1441.6 | 1362.5 | 1322.4 |
| 17.5° | 1468.0 | 1421.1 | 1412.1 | 1442.0 | 1470.2 | 1460.8 | 1393.3 | 1355.7 |
| 20°   | 1382.2 | 1300.2 | 1292.1 | 1349.3 | 1429.6 | 1470.6 | 1421.9 | 1387.3 |
| 22.5° | 1291.6 | 1203.2 | 1184.4 | 1247.6 | 1368.5 | 1473.6 | 1458.3 | 1423.6 |
| 25°   | 1205.8 | 1116.9 | 1098.2 | 1157.1 | 1300.6 | 1468.5 | 1497.5 | 1468.0 |
| 27.5° | 1134.1 | 1048.2 | 1030.6 | 1089.6 | 1235.2 | 1454.0 | 1536.8 | 1515.9 |
| 30°   | 1078.5 | 999.1  | 986.3  | 1043.0 | 1178.9 | 1436.0 | 1586.8 | 1575.2 |
| 32.5° | 1046.0 | 988.0  | 992.6  | 1039.2 | 1148.5 | 1416.3 | 1634.7 | 1640.2 |
| 35°   | 1078.1 | 1080.7 | 1121.7 | 1140.8 | 1176.7 | 1413.4 | 1699.6 | 1721.4 |
| 37.5° | 1237.4 | 1326.2 | 1411.2 | 1395.4 | 1314.7 | 1448.0 | 1796.5 | 1837.1 |
| 40°   | 1508.6 | 1691.0 | 1829.0 | 1768.7 | 1565.5 | 1553.9 | 1936.2 | 1996.8 |
| 42.5° | 1840.1 | 2149.3 | 2376.6 | 2215.1 | 1888.8 | 1739.3 | 2135.7 | 2213.0 |
| 45°   | 2189.9 | 2714.4 | 3072.3 | 2736.6 | 2233.5 | 1999.0 | 2437.7 | 2498.3 |
| 47.5° | 2558.5 | 3401.3 | 3864.2 | 3315.0 | 2553.0 | 2294.6 | 2849.4 | 2863.4 |
| 50°   | 2961.7 | 4154.2 | 4671.5 | 3892.8 | 2861.4 | 2633.2 | 3352.6 | 3336.3 |
| 52.5° | 3345.7 | 4928.7 | 5461.7 | 4473.3 | 3132.2 | 3053.6 | 3936.4 | 3903.1 |
| 55°   | 3712.2 | 5702.6 | 6256.6 | 5031.2 | 3387.6 | 3608.8 | 4630.1 | 4428.5 |
| 57.5° | 4137.2 | 6398.5 | 7075.9 | 5591.6 | 3744.6 | 4329.8 | 5405.7 | 4733.4 |
| 60°   | 4765.5 | 7189.0 | 8002.3 | 6359.5 | 4423.8 | 5087.6 | 5683.8 | 4675.3 |
| 62.5° | 5567.7 | 7916.0 | 8675.9 | 7112.2 | 5105.9 | 5230.2 | 5274.2 | 4227.7 |
| 65°   | 5723.6 | 8100.1 | 8713.9 | 7313.4 | 5017.9 | 4436.6 | 4305.9 | 3398.3 |
| 67.5° | 5310.1 | 7767.3 | 8182.6 | 6938.7 | 4438.8 | 3428.6 | 3231.2 | 2465.4 |
| 70°   | 4846.2 | 7133.1 | 7256.5 | 6301.9 | 3904.0 | 2521.8 | 2182.2 | 1582.1 |
| 72.5° | 4370.8 | 6286.9 | 6031.5 | 5472.8 | 3431.2 | 1836.2 | 1574.0 | 1124.6 |
| 75°   | 3806.1 | 5174.3 | 4751.0 | 4547.2 | 2840.9 | 1441.1 | 1138.8 | 776.1  |
| 77.5° | 3048.0 | 3642.1 | 3529.0 | 3524.7 | 2134.8 | 1052.9 | 759.8  | 486.5  |
| 80°   | 2150.1 | 2363.8 | 2306.0 | 2654.6 | 1432.1 | 763.7  | 457.5  | 270.8  |
| 82.5° | 1040.9 | 1307.0 | 1341.6 | 1580.9 | 696.7  | 449.4  | 105.5  | 58.9   |
| 85°   | 407.4  | 630.5  | 531.8  | 600.1  | 195.7  | 125.2  | 2.6    | 0.0    |
| 87.5° | 45.7   | 73.1   | 67.0   | 53.0   | 23.9   | 5.1    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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