

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: P966732

Luminaire Tested: **NAV-SB4C-750-U-SLL-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P966732  
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-SB4C-750-U-SLL-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(4) 70 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 24840.9 lumens  
Efficiency: N/A  
Efficacy: 123.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

Input Watts (W): 200.7  
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

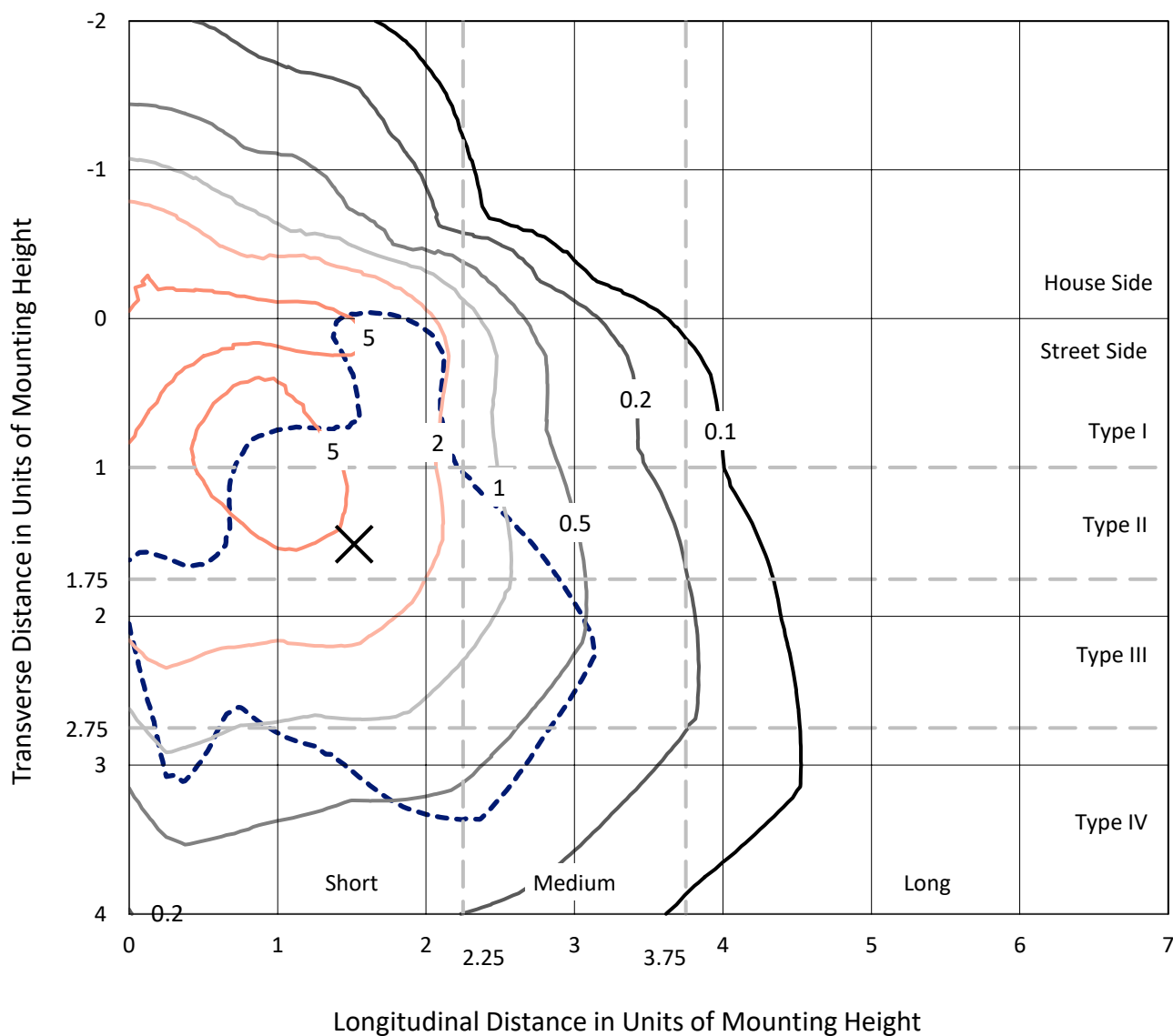


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## Iso-Footcandle Lines of Horizontal Illumination

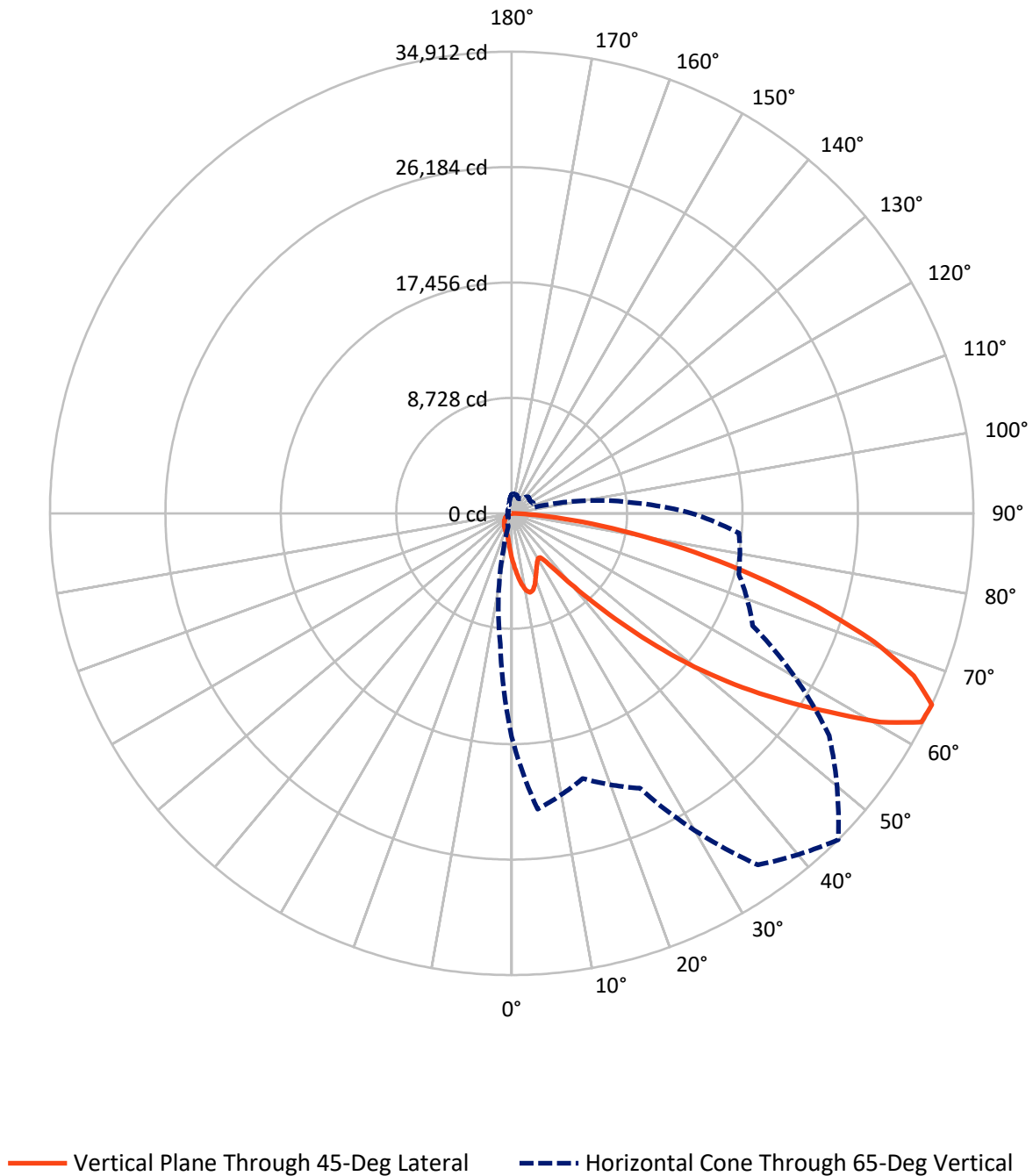
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 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    | 4937.6   | 0.0    | 4937.6  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 19903.3  | 0.0    | 19903.3 |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 24840.9  | 0.0    | 24840.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 338.6   | 1.4       |
| 10°-20°   | 1015.2  | 4.1       |
| 20°-30°   | 1495.5  | 6.0       |
| 30°-40°   | 1921.4  | 7.7       |
| 40°-50°   | 3107.4  | 12.5      |
| 50°-60°   | 5449.1  | 21.9      |
| 60°-70°   | 6818.4  | 27.4      |
| 70°-80°   | 3984.3  | 16.0      |
| 80°-90°   | 710.9   | 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°    | 24840.9 | 100.0     |
| 0°-180°   | 24840.9 | 100.0     |

**Coefficient of Utilization**



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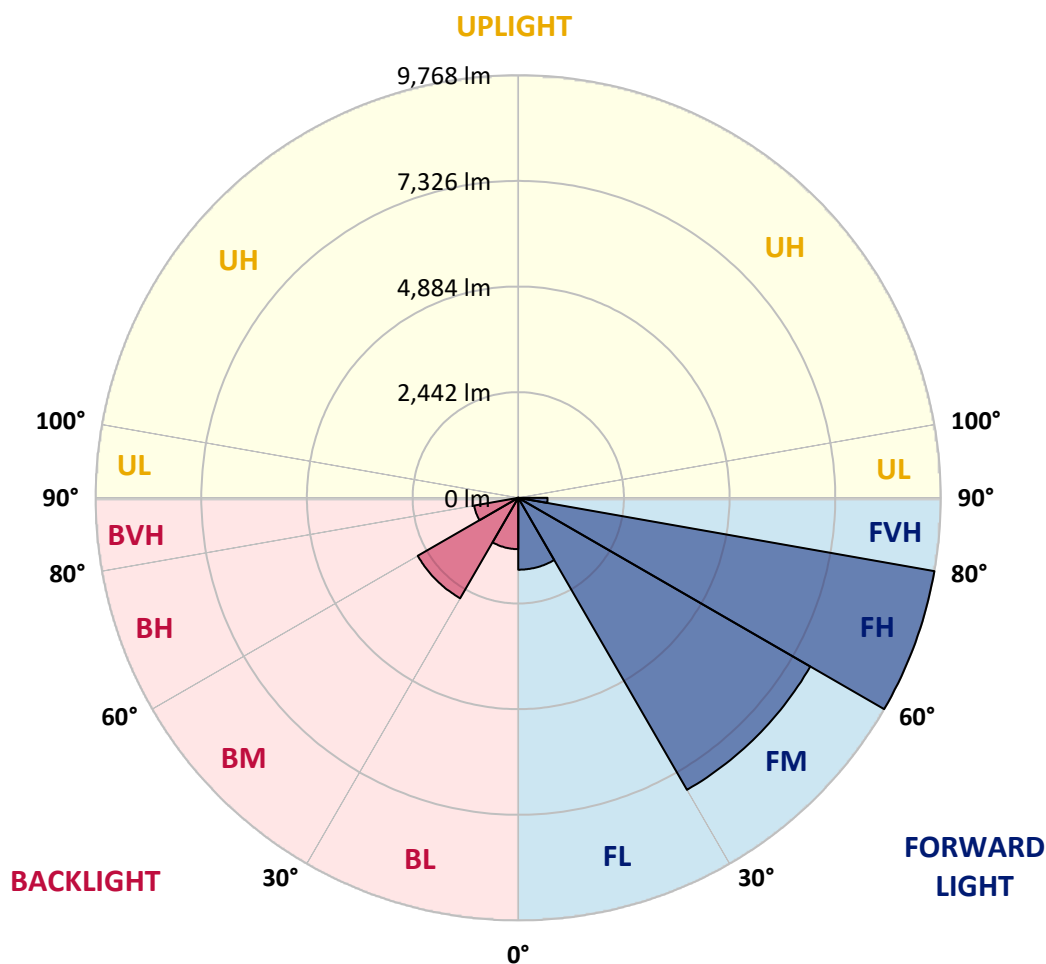
CATALOG NUMBER: NAV-SB4C-750-U-SLL-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1662.1 | 6.7       |                         |      |          |
| FM   | (30°-60°)   | 7795.4 | 31.4      |                         |      |          |
| FH   | (60°-80°)   | 9768.2 | 39.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 677.6  | 2.7       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1187.2 | 4.8       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2682.6 | 10.8      | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1034.5 | 4.2       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 33.3   | 0.1       |                         |      | G1/100   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     | 90°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3439.7  | 3439.7  | 3439.7  | 3439.7  | 3439.7  | 3439.7  | 3439.7  | 3439.7  | 3439.7  | 3439.7  | 3439.7  |
| 2.5°  | 3853.8  | 3882.9  | 3947.9  | 3982.1  | 4035.2  | 4038.6  | 4038.6  | 3992.4  | 3990.7  | 3896.5  | 3886.3  |
| 5°    | 4307.3  | 4375.7  | 4529.8  | 4688.9  | 4723.1  | 4731.7  | 4714.6  | 4622.1  | 4553.7  | 4370.6  | 4331.2  |
| 7.5°  | 4757.3  | 4889.1  | 5123.6  | 5335.7  | 5404.2  | 5404.2  | 5363.1  | 5212.5  | 5072.2  | 4806.9  | 4707.7  |
| 10°   | 5130.4  | 5296.4  | 5614.7  | 5852.5  | 5931.3  | 5914.1  | 5830.3  | 5640.4  | 5447.0  | 5125.3  | 4995.2  |
| 12.5° | 5376.8  | 5563.4  | 5912.5  | 6104.1  | 6184.5  | 6140.1  | 6044.2  | 5859.4  | 5655.7  | 5317.0  | 5169.8  |
| 15°   | 5500.0  | 5695.1  | 5998.0  | 6099.0  | 6076.7  | 6030.6  | 6018.6  | 5929.6  | 5775.6  | 5458.9  | 5298.1  |
| 17.5° | 5553.1  | 5734.5  | 5945.0  | 5881.7  | 5693.5  | 5657.5  | 5777.3  | 5890.3  | 5852.5  | 5582.2  | 5431.6  |
| 20°   | 5602.8  | 5755.1  | 5818.3  | 5537.7  | 5209.2  | 5176.7  | 5406.0  | 5727.6  | 5891.9  | 5696.8  | 5558.3  |
| 22.5° | 5671.2  | 5765.3  | 5635.2  | 5174.9  | 4820.7  | 4745.3  | 4998.6  | 5482.9  | 5903.9  | 5842.3  | 5703.7  |
| 25°   | 5765.3  | 5790.9  | 5433.3  | 4830.9  | 4474.9  | 4399.7  | 4635.9  | 5210.8  | 5883.4  | 5999.7  | 5881.7  |
| 27.5° | 5878.3  | 5825.2  | 5239.9  | 4543.4  | 4199.4  | 4129.3  | 4365.5  | 4949.0  | 5825.2  | 6157.2  | 6073.3  |
| 30°   | 6025.4  | 5869.7  | 5048.2  | 4321.0  | 4002.7  | 3951.4  | 4178.9  | 4723.1  | 5753.3  | 6357.4  | 6311.2  |
| 32.5° | 6174.3  | 5888.5  | 4870.3  | 4190.9  | 3958.1  | 3977.0  | 4163.5  | 4601.6  | 5674.6  | 6549.0  | 6571.3  |
| 35°   | 6335.1  | 5948.4  | 4783.1  | 4319.2  | 4329.5  | 4493.8  | 4570.8  | 4714.6  | 5662.6  | 6809.2  | 6896.4  |
| 37.5° | 6554.2  | 6081.8  | 4887.4  | 4957.6  | 5313.5  | 5654.1  | 5590.8  | 5267.3  | 5801.2  | 7197.7  | 7360.2  |
| 40°   | 6869.0  | 6316.4  | 5342.6  | 6044.2  | 6774.9  | 7327.7  | 7086.4  | 6271.9  | 6225.6  | 7757.2  | 8000.2  |
| 42.5° | 7327.7  | 6689.4  | 6150.3  | 7372.2  | 8611.1  | 9521.5  | 8874.7  | 7567.3  | 6968.4  | 8556.4  | 8866.1  |
| 45°   | 8005.4  | 7293.5  | 7127.4  | 8773.7  | 10875.1 | 12309.2 | 10964.1 | 8948.2  | 8008.7  | 9766.3  | 10009.2 |
| 47.5° | 8944.9  | 8181.7  | 8043.0  | 10250.5 | 13626.9 | 15481.9 | 13281.2 | 10228.3 | 9193.0  | 11415.9 | 11472.4 |
| 50°   | 10192.4 | 9377.8  | 8910.6  | 11866.0 | 16643.8 | 18716.2 | 15596.6 | 11463.8 | 10550.0 | 13431.8 | 13366.8 |
| 52.5° | 11838.6 | 11046.3 | 9922.0  | 13404.4 | 19746.4 | 21882.1 | 17922.2 | 12548.8 | 12233.9 | 15771.2 | 15637.6 |
| 55°   | 14083.8 | 13556.8 | 11304.7 | 14872.7 | 22847.2 | 25066.8 | 20157.1 | 13572.1 | 14458.5 | 18550.2 | 17742.5 |
| 57.5° | 16869.8 | 17246.2 | 13298.4 | 16575.4 | 25634.9 | 28349.0 | 22402.3 | 15002.7 | 17347.2 | 21657.9 | 18964.3 |
| 60°   | 18666.6 | 22152.5 | 17116.2 | 19092.7 | 28802.5 | 32060.8 | 25479.2 | 17723.7 | 20383.0 | 22771.9 | 18731.7 |
| 62.5° | 18232.0 | 23713.2 | 21688.7 | 22306.5 | 31715.1 | 34759.5 | 28494.5 | 20456.6 | 20954.6 | 21130.9 | 16938.2 |
| 65°   | 16898.9 | 22453.6 | 20756.0 | 22931.1 | 32452.6 | 34911.8 | 29300.4 | 20104.0 | 17775.0 | 17251.4 | 13614.9 |
| 67.5° | 15064.3 | 20959.7 | 18540.0 | 21274.6 | 31119.6 | 32782.9 | 27799.7 | 17783.5 | 13736.4 | 12945.9 | 9877.5  |
| 70°   | 13084.4 | 19306.6 | 17085.4 | 19416.2 | 28578.3 | 29072.9 | 25248.2 | 15641.1 | 10103.4 | 8742.9  | 6338.6  |
| 72.5° | 11205.4 | 17585.1 | 16089.4 | 17511.5 | 25188.2 | 24165.0 | 21926.6 | 13746.7 | 7356.7  | 6306.0  | 4505.8  |
| 75°   | 9283.6  | 15045.6 | 14670.8 | 15249.2 | 20730.4 | 19034.6 | 18218.2 | 11381.7 | 5773.8  | 4562.3  | 3109.4  |
| 77.5° | 7163.4  | 11756.4 | 12619.0 | 12211.6 | 14592.1 | 14138.5 | 14121.4 | 8553.0  | 4218.3  | 3044.4  | 1949.1  |
| 80°   | 4902.8  | 8193.5  | 9858.7  | 8614.6  | 9470.2  | 9239.1  | 10635.6 | 5738.0  | 3059.7  | 1832.8  | 1085.0  |
| 82.5° | 2881.8  | 4988.4  | 6862.2  | 4170.4  | 5236.5  | 5375.1  | 6333.5  | 2791.1  | 1800.3  | 422.7   | 236.2   |
| 85°   | 1168.8  | 1969.6  | 2683.2  | 1632.5  | 2525.8  | 2130.6  | 2404.3  | 783.7   | 501.4   | 10.2    | 0.0     |
| 87.5° | 294.4   | 629.8   | 441.5   | 183.1   | 292.6   | 268.7   | 212.2   | 95.8    | 20.5    | 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°    | 3439.7  | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 |
| 2.5°  | 3819.6  | 3780.2 | 3682.6 | 3585.1 | 3506.4 | 3400.3 | 3330.1 | 3246.3 | 3165.8 | 3094.0 | 3080.3 |
| 5°    | 4223.4  | 4093.3 | 3915.4 | 3752.8 | 3586.9 | 3426.0 | 3266.8 | 3099.1 | 2945.1 | 2851.0 | 2791.1 |
| 7.5°  | 4552.0  | 4322.7 | 4086.6 | 3879.4 | 3679.2 | 3491.0 | 3280.5 | 3076.8 | 2835.6 | 2707.2 | 2590.9 |
| 10°   | 4796.7  | 4495.5 | 4185.8 | 3947.9 | 3746.0 | 3562.9 | 3384.9 | 3179.5 | 2888.7 | 2727.7 | 2553.3 |
| 12.5° | 4957.6  | 4599.9 | 4237.1 | 3965.0 | 3739.1 | 3597.1 | 3518.4 | 3438.0 | 3148.8 | 2960.5 | 2707.2 |
| 15°   | 5068.8  | 4673.5 | 4273.0 | 3925.6 | 3648.5 | 3544.0 | 3622.8 | 3715.2 | 3530.4 | 3313.0 | 2982.7 |
| 17.5° | 5190.3  | 4769.3 | 4288.5 | 3819.6 | 3472.2 | 3427.7 | 3631.4 | 3845.3 | 3836.7 | 3621.0 | 3297.6 |
| 20°   | 5318.6  | 4853.2 | 4278.1 | 3648.5 | 3258.3 | 3297.6 | 3557.8 | 3805.9 | 3910.3 | 3793.9 | 3506.4 |
| 22.5° | 5450.4  | 4933.6 | 4238.8 | 3426.0 | 3058.1 | 3181.3 | 3441.3 | 3658.7 | 3781.9 | 3746.0 | 3526.9 |
| 25°   | 5616.4  | 5046.6 | 4180.7 | 3186.4 | 2892.0 | 3063.2 | 3306.1 | 3482.4 | 3568.0 | 3566.3 | 3415.7 |
| 27.5° | 5814.9  | 5197.2 | 4149.8 | 2993.0 | 2774.0 | 2929.7 | 3145.3 | 3302.8 | 3362.6 | 3362.6 | 3242.9 |
| 30°   | 6046.0  | 5375.1 | 4115.6 | 2866.4 | 2705.5 | 2791.1 | 2958.8 | 3112.8 | 3172.7 | 3172.7 | 3071.7 |
| 32.5° | 6302.6  | 5546.3 | 4033.5 | 2789.3 | 2654.2 | 2655.9 | 2762.0 | 2902.3 | 2974.2 | 2984.5 | 2912.6 |
| 35°   | 6610.6  | 5729.3 | 3853.8 | 2727.7 | 2594.3 | 2524.2 | 2575.5 | 2691.9 | 2777.4 | 2799.7 | 2755.2 |
| 37.5° | 7014.5  | 5953.5 | 3597.1 | 2637.1 | 2501.9 | 2385.5 | 2397.5 | 2486.4 | 2580.6 | 2614.9 | 2585.8 |
| 40°   | 7557.0  | 6217.0 | 3330.1 | 2507.0 | 2371.8 | 2233.2 | 2228.0 | 2293.1 | 2385.5 | 2423.2 | 2407.7 |
| 42.5° | 8274.0  | 6533.7 | 3075.2 | 2382.1 | 2214.4 | 2072.3 | 2063.8 | 2115.1 | 2195.5 | 2234.9 | 2228.0 |
| 45°   | 9191.3  | 6922.1 | 2856.2 | 2284.5 | 2060.4 | 1920.0 | 1916.6 | 1959.4 | 2029.6 | 2070.6 | 2062.1 |
| 47.5° | 10466.2 | 7310.6 | 2707.2 | 2233.2 | 1938.9 | 1795.1 | 1802.0 | 1839.7 | 1902.9 | 1932.0 | 1920.0 |
| 50°   | 12127.8 | 7428.7 | 2631.9 | 2233.2 | 1873.8 | 1683.9 | 1718.1 | 1749.0 | 1796.8 | 1813.9 | 1798.6 |
| 52.5° | 13722.7 | 7038.5 | 2563.5 | 2246.9 | 1882.4 | 1589.8 | 1663.4 | 1685.6 | 1726.7 | 1733.5 | 1711.2 |
| 55°   | 14504.8 | 6051.1 | 2469.3 | 2250.3 | 1935.4 | 1509.3 | 1618.9 | 1660.0 | 1675.4 | 1673.6 | 1636.0 |
| 57.5° | 14236.1 | 4892.5 | 2310.2 | 2236.7 | 1971.4 | 1458.0 | 1564.1 | 1642.9 | 1653.1 | 1637.6 | 1567.5 |
| 60°   | 13293.2 | 3602.3 | 2188.7 | 2135.7 | 1957.7 | 1442.6 | 1480.3 | 1605.1 | 1620.6 | 1600.0 | 1485.4 |
| 62.5° | 11712.0 | 2500.2 | 2094.6 | 1913.2 | 1897.8 | 1437.5 | 1348.5 | 1523.0 | 1560.7 | 1531.6 | 1363.9 |
| 65°   | 9220.4  | 1766.1 | 1803.7 | 1677.0 | 1767.7 | 1410.1 | 1211.6 | 1423.8 | 1475.1 | 1430.6 | 1194.4 |
| 67.5° | 6239.3  | 1274.9 | 1461.4 | 1519.7 | 1557.3 | 1348.5 | 1112.3 | 1310.9 | 1379.2 | 1321.1 | 997.6  |
| 70°   | 3369.5  | 895.0  | 965.1  | 1280.0 | 1322.9 | 1242.4 | 1023.4 | 1196.2 | 1274.9 | 1211.6 | 812.8  |
| 72.5° | 1990.2  | 643.4  | 676.0  | 1028.5 | 1102.1 | 1093.5 | 924.1  | 1062.7 | 1158.6 | 1083.2 | 660.5  |
| 75°   | 1097.0  | 434.7  | 482.6  | 746.1  | 895.0  | 843.7  | 794.1  | 900.2  | 997.6  | 924.1  | 509.9  |
| 77.5° | 491.2   | 260.1  | 335.4  | 489.4  | 703.4  | 578.4  | 614.4  | 701.6  | 792.3  | 715.3  | 340.5  |
| 80°   | 189.9   | 145.4  | 222.4  | 266.9  | 511.7  | 320.0  | 395.3  | 516.8  | 581.8  | 520.2  | 207.0  |
| 82.5° | 24.0    | 65.0   | 95.8   | 104.3  | 297.8  | 169.4  | 229.3  | 325.1  | 320.0  | 277.3  | 104.3  |
| 85°   | 0.0     | 12.0   | 13.7   | 6.9    | 128.3  | 61.6   | 75.3   | 106.1  | 99.2   | 75.3   | 8.5    |
| 87.5° | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 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°    | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 |
| 2.5°  | 2996.5 | 2934.9 | 2904.0 | 2878.4 | 2902.3 | 2916.0 | 2916.0 | 2974.2 | 3008.4 | 3022.1 | 3117.9 |
| 5°    | 2640.5 | 2525.8 | 2448.8 | 2402.6 | 2418.1 | 2435.2 | 2454.0 | 2527.5 | 2577.2 | 2609.6 | 2758.6 |
| 7.5°  | 2359.9 | 2185.3 | 2077.5 | 2021.0 | 2029.6 | 2041.6 | 2057.0 | 2128.8 | 2178.4 | 2221.3 | 2387.2 |
| 10°   | 2221.3 | 1974.8 | 1832.8 | 1764.3 | 1752.3 | 1745.5 | 1740.3 | 1783.2 | 1820.8 | 1855.0 | 2019.4 |
| 12.5° | 2228.0 | 1884.2 | 1711.2 | 1627.4 | 1591.5 | 1550.4 | 1517.9 | 1524.8 | 1548.7 | 1591.5 | 1695.9 |
| 15°   | 2315.4 | 1855.0 | 1648.0 | 1543.5 | 1483.7 | 1435.7 | 1396.4 | 1387.8 | 1396.4 | 1403.2 | 1468.3 |
| 17.5° | 2433.5 | 1851.6 | 1593.2 | 1463.2 | 1401.6 | 1362.2 | 1326.2 | 1314.3 | 1316.0 | 1324.5 | 1341.6 |
| 20°   | 2527.5 | 1841.3 | 1531.6 | 1386.1 | 1331.4 | 1297.1 | 1261.2 | 1249.3 | 1252.7 | 1254.4 | 1273.2 |
| 22.5° | 2577.2 | 1825.9 | 1463.2 | 1309.1 | 1262.9 | 1228.7 | 1196.2 | 1194.4 | 1194.4 | 1204.8 | 1218.4 |
| 25°   | 2577.2 | 1793.4 | 1401.6 | 1235.5 | 1194.4 | 1163.7 | 1124.3 | 1131.2 | 1134.6 | 1148.3 | 1168.8 |
| 27.5° | 2515.6 | 1731.8 | 1351.9 | 1172.2 | 1129.4 | 1098.6 | 1062.7 | 1071.2 | 1076.4 | 1091.8 | 1117.5 |
| 30°   | 2436.8 | 1658.2 | 1295.4 | 1112.3 | 1062.7 | 1040.5 | 1009.6 | 1013.1 | 1019.9 | 1037.0 | 1066.1 |
| 32.5° | 2353.0 | 1570.9 | 1249.3 | 1052.5 | 1002.8 | 985.7  | 951.5  | 956.6  | 963.5  | 982.3  | 1014.7 |
| 35°   | 2260.6 | 1468.3 | 1194.4 | 997.6  | 948.0  | 934.4  | 895.0  | 898.4  | 908.7  | 929.3  | 961.8  |
| 37.5° | 2163.1 | 1384.5 | 1139.7 | 944.6  | 893.3  | 879.6  | 838.6  | 841.9  | 853.9  | 877.9  | 908.7  |
| 40°   | 2067.2 | 1302.3 | 1081.5 | 888.2  | 836.8  | 824.8  | 780.3  | 783.7  | 797.4  | 823.1  | 855.7  |
| 42.5° | 1962.9 | 1238.9 | 1006.2 | 829.9  | 775.2  | 763.2  | 722.1  | 727.3  | 742.7  | 768.3  | 800.8  |
| 45°   | 1837.9 | 1197.9 | 922.4  | 775.2  | 713.6  | 701.6  | 664.0  | 674.2  | 691.4  | 717.0  | 751.2  |
| 47.5° | 1709.6 | 1180.8 | 852.2  | 717.0  | 650.3  | 640.0  | 609.3  | 626.4  | 645.1  | 665.7  | 703.4  |
| 50°   | 1586.4 | 1158.6 | 780.3  | 662.3  | 595.5  | 585.3  | 564.7  | 587.0  | 605.8  | 624.6  | 660.5  |
| 52.5° | 1446.1 | 1110.6 | 715.3  | 614.4  | 549.3  | 545.9  | 535.7  | 556.2  | 573.3  | 590.4  | 621.2  |
| 55°   | 1300.5 | 1033.6 | 658.9  | 571.5  | 509.9  | 513.4  | 508.3  | 525.3  | 539.0  | 554.4  | 581.8  |
| 57.5° | 1173.9 | 936.0  | 614.4  | 525.3  | 475.7  | 486.0  | 479.2  | 487.7  | 496.3  | 515.1  | 537.3  |
| 60°   | 1045.6 | 819.7  | 564.7  | 470.6  | 441.5  | 453.5  | 434.7  | 433.0  | 436.3  | 441.5  | 482.6  |
| 62.5° | 872.8  | 698.2  | 503.1  | 422.7  | 403.8  | 409.0  | 373.1  | 345.6  | 345.6  | 350.9  | 412.5  |
| 65°   | 701.6  | 585.3  | 434.7  | 368.0  | 352.5  | 349.1  | 297.8  | 260.1  | 256.7  | 272.1  | 325.1  |
| 67.5° | 576.7  | 486.0  | 366.2  | 306.3  | 296.0  | 299.5  | 261.8  | 224.2  | 220.8  | 237.9  | 277.3  |
| 70°   | 477.4  | 391.9  | 292.6  | 236.2  | 246.4  | 261.8  | 224.2  | 188.2  | 183.1  | 198.5  | 236.2  |
| 72.5° | 379.9  | 306.3  | 224.2  | 174.6  | 203.7  | 222.4  | 183.1  | 148.8  | 145.4  | 159.2  | 195.1  |
| 75°   | 278.9  | 219.0  | 152.3  | 126.6  | 157.4  | 174.6  | 133.5  | 106.1  | 101.0  | 113.0  | 148.8  |
| 77.5° | 172.8  | 123.2  | 95.8   | 75.3   | 107.8  | 116.3  | 70.2   | 61.6   | 59.9   | 68.5   | 94.1   |
| 80°   | 80.5   | 53.1   | 46.2   | 25.6   | 39.4   | 46.2   | 29.1   | 32.5   | 34.2   | 41.1   | 58.2   |
| 82.5° | 22.2   | 8.5    | 1.7    | 0.0    | 0.0    | 13.7   | 6.9    | 13.7   | 17.1   | 25.6   | 37.6   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 8.5    | 15.4   | 27.4   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 6.9    | 13.7   |
| 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: P966732

CATALOG NUMBER: NAV-SB4C-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7 | 3439.7  | 3439.7  |
| 2.5°  | 3189.8 | 3258.3 | 3367.8 | 3480.7 | 3592.0 | 3705.0 | 3814.4  | 3853.8  |
| 5°    | 2893.8 | 3051.2 | 3268.5 | 3501.3 | 3740.8 | 3983.9 | 4206.3  | 4307.3  |
| 7.5°  | 2563.5 | 2789.3 | 3116.2 | 3480.7 | 3862.3 | 4244.0 | 4594.8  | 4757.3  |
| 10°   | 2210.9 | 2496.8 | 2869.8 | 3362.6 | 3910.3 | 4437.3 | 4919.9  | 5130.4  |
| 12.5° | 1875.5 | 2175.0 | 2587.4 | 3177.8 | 3872.7 | 4548.5 | 5128.7  | 5376.8  |
| 15°   | 1594.9 | 1860.2 | 2305.1 | 2958.8 | 3751.1 | 4555.4 | 5227.9  | 5500.0  |
| 17.5° | 1384.5 | 1557.3 | 2017.6 | 2715.8 | 3592.0 | 4492.1 | 5262.1  | 5553.1  |
| 20°   | 1280.0 | 1328.0 | 1644.5 | 2404.3 | 3443.1 | 4432.2 | 5296.4  | 5602.8  |
| 22.5° | 1218.4 | 1230.4 | 1345.1 | 2002.2 | 3265.1 | 4413.3 | 5356.3  | 5671.2  |
| 25°   | 1168.8 | 1172.2 | 1203.0 | 1586.4 | 2993.0 | 4401.5 | 5448.7  | 5765.3  |
| 27.5° | 1119.2 | 1119.2 | 1136.3 | 1278.3 | 2623.4 | 4350.1 | 5568.5  | 5878.3  |
| 30°   | 1069.6 | 1069.6 | 1081.5 | 1131.2 | 2190.4 | 4249.1 | 5712.2  | 6025.4  |
| 32.5° | 1018.2 | 1018.2 | 1028.5 | 1064.5 | 1749.0 | 4122.4 | 5844.0  | 6174.3  |
| 35°   | 966.9  | 963.5  | 977.1  | 1014.7 | 1391.2 | 3961.6 | 5975.7  | 6335.1  |
| 37.5° | 912.1  | 910.4  | 924.1  | 966.9  | 1201.3 | 3775.1 | 6075.1  | 6554.2  |
| 40°   | 853.9  | 853.9  | 869.3  | 915.5  | 1146.6 | 3540.7 | 6232.5  | 6869.0  |
| 42.5° | 800.8  | 797.4  | 814.6  | 871.0  | 1105.5 | 3316.5 | 6514.8  | 7327.7  |
| 45°   | 749.6  | 742.7  | 758.1  | 828.3  | 1033.6 | 3237.8 | 7042.0  | 8005.4  |
| 47.5° | 701.6  | 684.5  | 698.2  | 776.9  | 968.6  | 3532.0 | 7904.4  | 8944.9  |
| 50°   | 662.3  | 629.8  | 641.8  | 725.6  | 918.9  | 4170.4 | 9023.6  | 10192.4 |
| 52.5° | 621.2  | 578.4  | 585.3  | 662.3  | 874.4  | 4777.9 | 10236.9 | 11838.6 |
| 55°   | 578.4  | 530.5  | 533.9  | 598.9  | 811.2  | 4868.5 | 11421.1 | 14083.8 |
| 57.5° | 530.5  | 486.0  | 486.0  | 540.8  | 765.0  | 4220.0 | 12331.5 | 16869.8 |
| 60°   | 477.4  | 448.3  | 439.8  | 494.6  | 806.1  | 2977.6 | 12437.6 | 18666.6 |
| 62.5° | 419.2  | 403.8  | 391.9  | 450.1  | 836.8  | 1764.3 | 11583.6 | 18232.0 |
| 65°   | 352.5  | 349.1  | 340.5  | 494.6  | 705.0  | 1042.1 | 9944.2  | 16898.9 |
| 67.5° | 296.0  | 290.9  | 290.9  | 518.5  | 535.7  | 655.4  | 7769.2  | 15064.3 |
| 70°   | 255.0  | 236.2  | 236.2  | 391.9  | 325.1  | 453.5  | 5424.7  | 13084.4 |
| 72.5° | 213.9  | 193.4  | 179.7  | 313.1  | 243.0  | 332.0  | 3390.1  | 11205.4 |
| 75°   | 171.2  | 155.7  | 138.6  | 207.0  | 181.4  | 251.5  | 1969.6  | 9283.6  |
| 77.5° | 123.2  | 116.3  | 97.6   | 152.3  | 131.8  | 181.4  | 1172.2  | 7163.4  |
| 80°   | 63.3   | 65.0   | 61.6   | 87.2   | 89.0   | 123.2  | 667.4   | 4902.8  |
| 82.5° | 37.6   | 29.1   | 32.5   | 42.7   | 51.4   | 70.2   | 251.5   | 2881.8  |
| 85°   | 24.0   | 15.4   | 15.4   | 20.5   | 25.6   | 27.4   | 77.0    | 1168.8  |
| 87.5° | 12.0   | 5.1    | 6.9    | 10.2   | 8.5    | 6.9    | 3.4     | 294.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

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