

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: P967292

Luminaire Tested: **NAV-SB4D-760-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P967292  
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-SB4D-760-U-SLR-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(4) 70 CRI, 5700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 33753.3 lumens  
Efficiency: N/A  
Efficacy: 115.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5

Input Watts (W): 293.6  
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

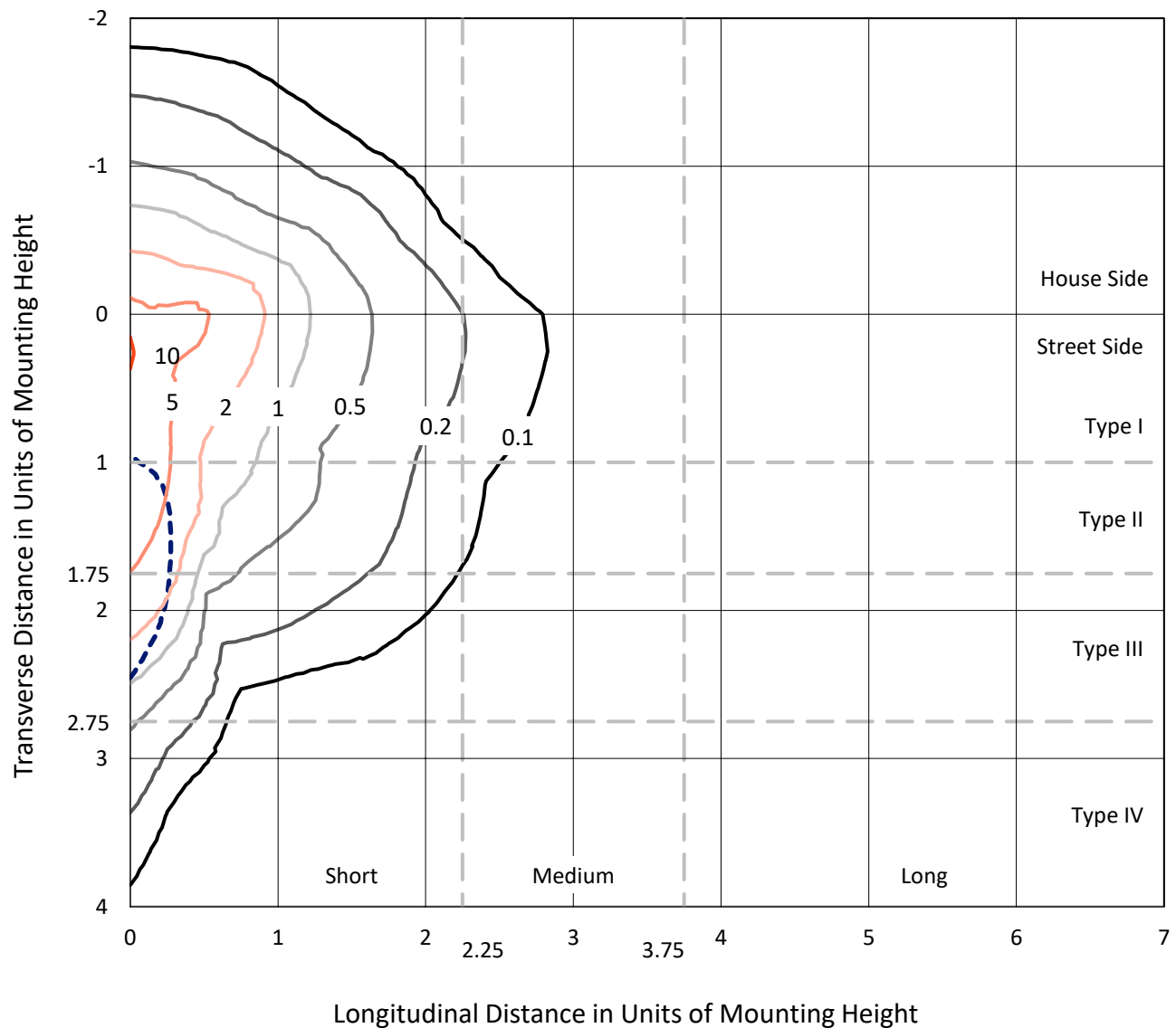


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
- - - 1/2 Max cd

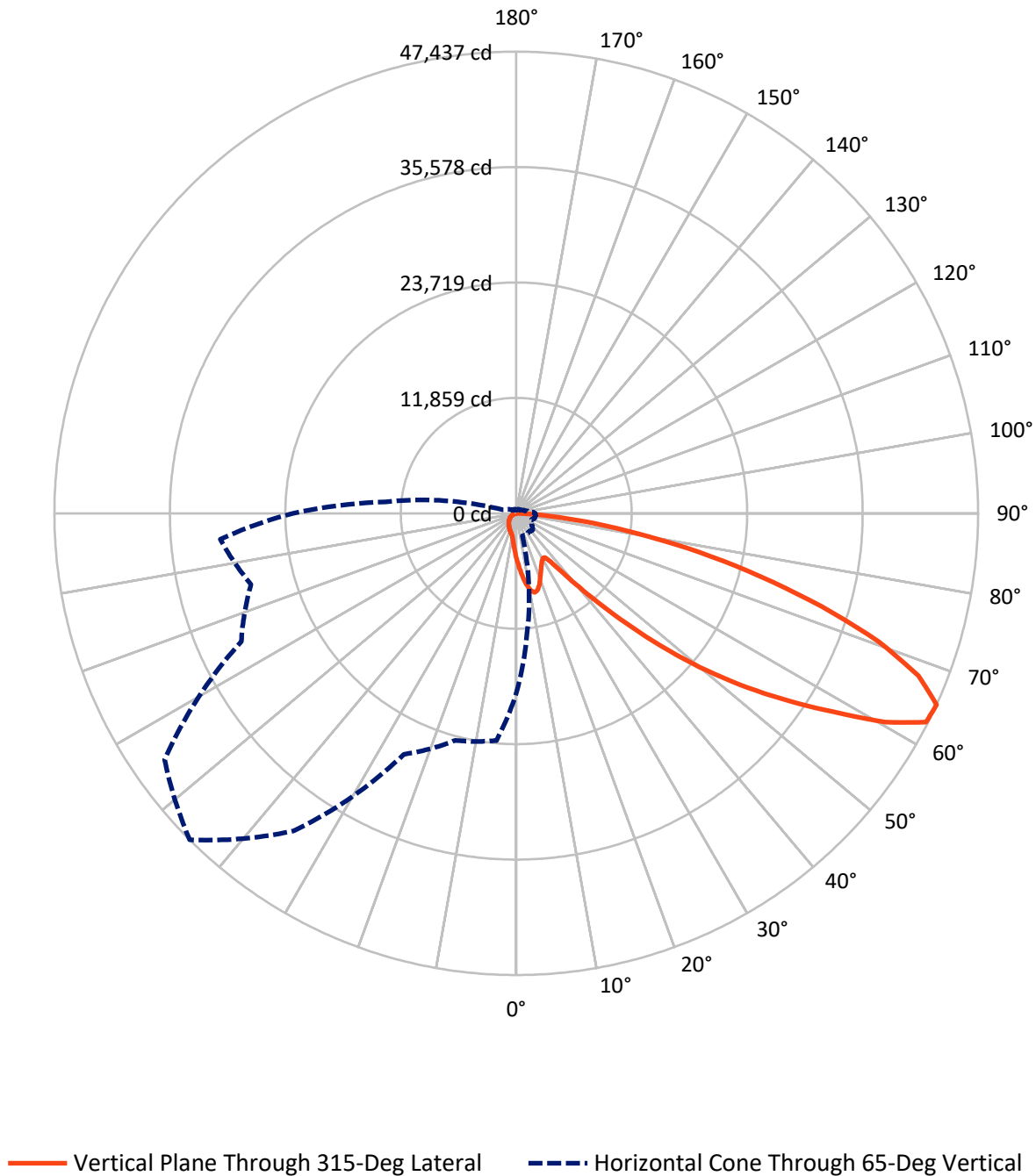


Based on 25 foot mounting height. Maximum calculated value = 10.4 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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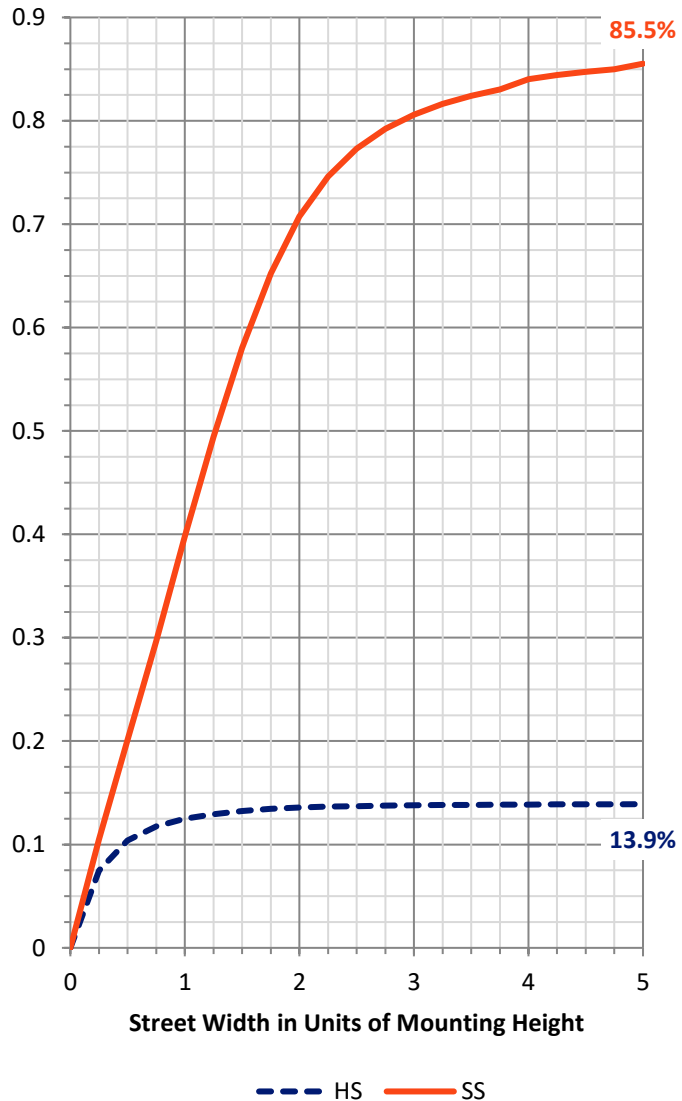
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4726.9   | 0.0    | 4726.9  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 29026.4  | 0.0    | 29026.4 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 33753.3  | 0.0    | 33753.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 460.1   | 1.4       |
| 10°-20°   | 1379.4  | 4.1       |
| 20°-30°   | 2032.1  | 6.0       |
| 30°-40°   | 2610.7  | 7.7       |
| 40°-50°   | 4222.3  | 12.5      |
| 50°-60°   | 7404.2  | 21.9      |
| 60°-70°   | 9264.7  | 27.4      |
| 70°-80°   | 5413.8  | 16.0      |
| 80°-90°   | 965.9   | 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°    | 33753.3 | 100.0     |
| 0°-180°   | 33753.3 | 100.0     |

**Coefficient of Utilization**



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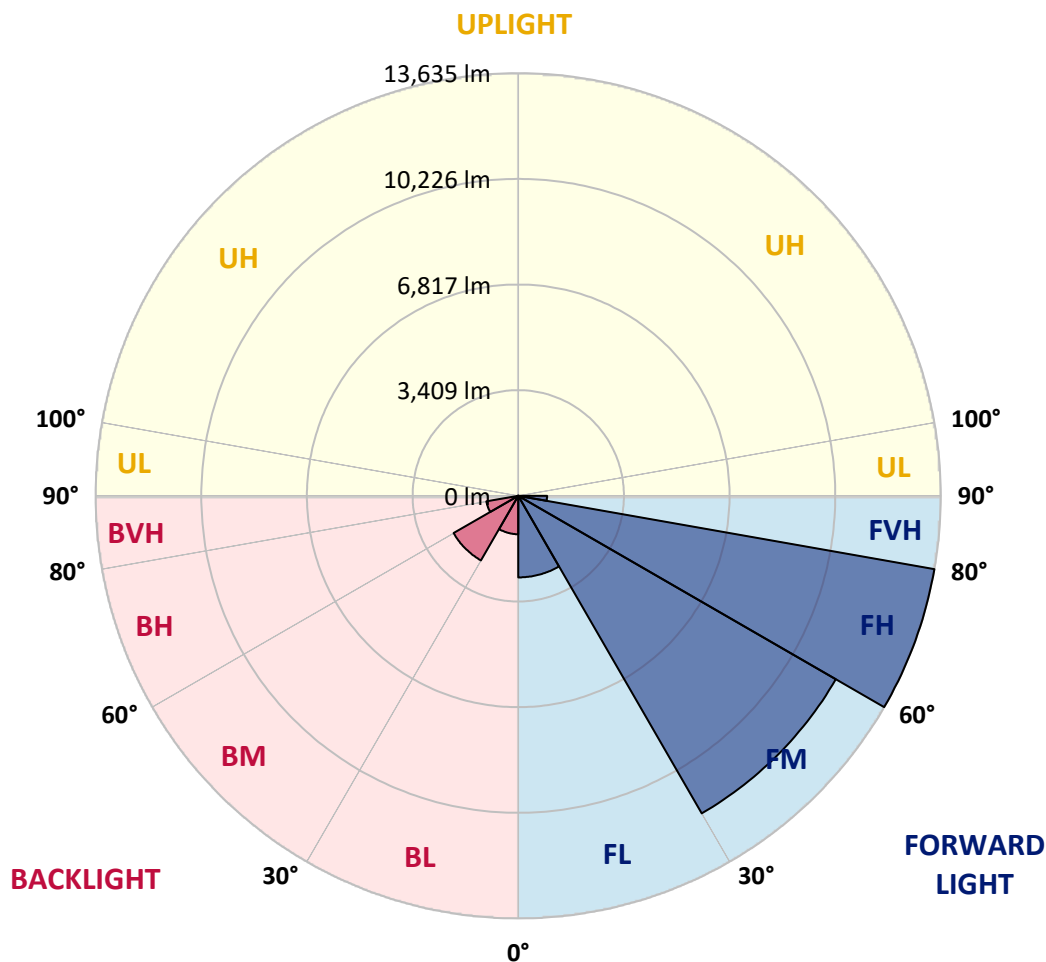
CATALOG NUMBER: NAV-SB4D-760-U-SLR-HSS

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2632.6  | 7.8       |                         |      |         |
| FM   | (30°-60°)   | 11830.1 | 35.0      |                         |      |         |
| FH   | (60°-80°)   | 13634.8 | 40.4      |                         |      | G5      |
| FVH  | (80°-90°)   | 928.8   | 2.8       |                         |      | G5      |
| BL   | (0°-30°)    | 1239.0  | 3.7       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2407.1  | 7.1       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1043.7  | 3.1       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 37.1    | 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-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 4673.8  | 4673.8  | 4673.8  | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 |
| 2.5°  | 5280.6  | 5190.0  | 5136.5  | 5003.9 | 4871.4 | 4764.4 | 4620.3 | 4525.0 | 4411.0 | 4301.7 | 4204.0 |
| 5°    | 5885.2  | 5738.7  | 5562.0  | 5320.2 | 5099.3 | 4873.7 | 4655.1 | 4438.9 | 4211.0 | 4001.7 | 3873.9 |
| 7.5°  | 6396.7  | 6185.2  | 5873.6  | 5552.7 | 5271.4 | 4999.2 | 4743.5 | 4457.5 | 4180.8 | 3853.0 | 3678.5 |
| 10°   | 6787.3  | 6517.7  | 6108.4  | 5687.5 | 5364.3 | 5089.9 | 4841.2 | 4599.4 | 4320.3 | 3925.0 | 3706.4 |
| 12.5° | 7024.5  | 6736.2  | 6250.2  | 5757.3 | 5387.6 | 5080.6 | 4887.7 | 4780.7 | 4671.4 | 4278.5 | 4022.7 |
| 15°   | 7199.0  | 6887.4  | 6350.3  | 5806.1 | 5334.1 | 4957.4 | 4815.6 | 4922.6 | 5048.1 | 4797.0 | 4501.7 |
| 17.5° | 7380.3  | 7052.5  | 6480.5  | 5827.0 | 5190.0 | 4718.0 | 4657.5 | 4934.1 | 5224.8 | 5213.3 | 4920.2 |
| 20°   | 7552.4  | 7226.9  | 6594.4  | 5813.1 | 4957.4 | 4427.3 | 4480.8 | 4834.2 | 5171.3 | 5313.2 | 5155.0 |
| 22.5° | 7750.0  | 7405.9  | 6703.7  | 5759.7 | 4655.1 | 4155.2 | 4322.6 | 4676.0 | 4971.4 | 5138.8 | 5089.9 |
| 25°   | 7991.8  | 7631.4  | 6857.1  | 5680.5 | 4329.6 | 3929.6 | 4162.2 | 4492.4 | 4731.9 | 4848.1 | 4845.8 |
| 27.5° | 8252.3  | 7901.2  | 7061.7  | 5638.7 | 4066.9 | 3769.2 | 3980.8 | 4273.8 | 4487.8 | 4569.1 | 4569.1 |
| 30°   | 8575.5  | 8215.1  | 7303.6  | 5592.2 | 3894.8 | 3676.3 | 3792.5 | 4020.4 | 4229.7 | 4311.0 | 4311.0 |
| 32.5° | 8929.0  | 8563.9  | 7536.1  | 5480.6 | 3790.1 | 3606.5 | 3608.8 | 3752.9 | 3943.6 | 4041.3 | 4055.2 |
| 35°   | 9370.8  | 8982.4  | 7784.9  | 5236.4 | 3706.4 | 3525.1 | 3429.8 | 3499.5 | 3657.6 | 3773.8 | 3804.1 |
| 37.5° | 10000.9 | 9531.2  | 8089.5  | 4887.7 | 3583.2 | 3399.5 | 3241.4 | 3257.7 | 3378.6 | 3506.4 | 3553.0 |
| 40°   | 10870.5 | 10268.2 | 8447.6  | 4525.0 | 3406.5 | 3222.8 | 3034.4 | 3027.4 | 3115.8 | 3241.4 | 3292.5 |
| 42.5° | 12047.1 | 11242.6 | 8877.8  | 4178.5 | 3236.7 | 3008.9 | 2815.9 | 2804.3 | 2874.0 | 2983.3 | 3036.8 |
| 45°   | 13600.3 | 12488.9 | 9405.6  | 3880.9 | 3104.2 | 2799.6 | 2608.9 | 2604.3 | 2662.4 | 2757.8 | 2813.5 |
| 47.5° | 15588.4 | 14221.2 | 9933.5  | 3678.5 | 3034.4 | 2634.5 | 2439.2 | 2448.5 | 2499.7 | 2585.7 | 2625.2 |
| 50°   | 18162.5 | 16479.0 | 10093.9 | 3576.2 | 3034.4 | 2546.1 | 2288.0 | 2334.5 | 2376.4 | 2441.5 | 2464.7 |
| 52.5° | 21248.1 | 18646.2 | 9563.8  | 3483.3 | 3053.1 | 2557.8 | 2160.2 | 2260.1 | 2290.4 | 2346.1 | 2355.4 |
| 55°   | 24108.2 | 19708.8 | 8222.0  | 3355.3 | 3057.7 | 2629.8 | 2050.8 | 2199.6 | 2255.5 | 2276.4 | 2274.1 |
| 57.5° | 25768.4 | 19343.7 | 6647.8  | 3139.1 | 3039.1 | 2678.7 | 1981.1 | 2125.2 | 2232.2 | 2246.2 | 2225.3 |
| 60°   | 25452.2 | 18062.6 | 4894.7  | 2974.0 | 2901.9 | 2660.1 | 1960.2 | 2011.4 | 2181.1 | 2202.0 | 2174.1 |
| 62.5° | 23015.2 | 15913.9 | 3397.2  | 2846.1 | 2599.6 | 2578.7 | 1953.2 | 1832.3 | 2069.5 | 2120.6 | 2081.1 |
| 65°   | 18499.6 | 12528.5 | 2399.6  | 2450.8 | 2278.8 | 2402.0 | 1916.0 | 1646.3 | 1934.6 | 2004.4 | 1943.9 |
| 67.5° | 13421.4 | 8477.9  | 1732.4  | 1985.7 | 2064.9 | 2116.0 | 1832.3 | 1511.4 | 1781.1 | 1874.1 | 1795.1 |
| 70°   | 8612.7  | 4578.4  | 1216.1  | 1311.5 | 1739.3 | 1797.4 | 1688.2 | 1390.5 | 1625.3 | 1732.4 | 1646.3 |
| 72.5° | 6122.3  | 2704.3  | 874.3   | 918.5  | 1397.5 | 1497.4 | 1485.8 | 1255.6 | 1444.0 | 1574.2 | 1471.9 |
| 75°   | 4224.9  | 1490.5  | 590.6   | 655.7  | 1013.8 | 1216.1 | 1146.4 | 1078.9 | 1223.0 | 1355.7 | 1255.6 |
| 77.5° | 2648.5  | 667.4   | 353.4   | 455.7  | 665.0  | 955.7  | 786.0  | 834.8  | 953.4  | 1076.6 | 971.9  |
| 80°   | 1474.2  | 258.1   | 197.6   | 302.3  | 362.7  | 695.3  | 434.8  | 537.1  | 702.2  | 790.6  | 706.8  |
| 82.5° | 320.9   | 32.6    | 88.4    | 130.2  | 141.9  | 404.6  | 230.2  | 311.6  | 441.8  | 434.8  | 376.7  |
| 85°   | 0.0     | 0.0     | 16.3    | 18.6   | 9.3    | 174.4  | 83.7   | 102.3  | 144.1  | 134.9  | 102.3  |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.6    | 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°    | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 |
| 2.5°  | 4185.5 | 4071.5 | 3987.8 | 3945.9 | 3911.1 | 3943.6 | 3962.2 | 3962.2 | 4041.3 | 4087.8 | 4106.4 |
| 5°    | 3792.5 | 3587.8 | 3432.1 | 3327.5 | 3264.6 | 3285.5 | 3308.8 | 3334.4 | 3434.4 | 3501.8 | 3546.0 |
| 7.5°  | 3520.5 | 3206.5 | 2969.3 | 2822.8 | 2746.1 | 2757.8 | 2774.1 | 2795.0 | 2892.7 | 2960.0 | 3018.2 |
| 10°   | 3469.3 | 3018.2 | 2683.3 | 2490.3 | 2397.4 | 2381.1 | 2371.7 | 2364.8 | 2422.9 | 2474.0 | 2520.6 |
| 12.5° | 3678.5 | 3027.4 | 2560.1 | 2325.2 | 2211.3 | 2162.4 | 2106.7 | 2062.5 | 2071.8 | 2104.3 | 2162.4 |
| 15°   | 4053.0 | 3146.0 | 2520.6 | 2239.2 | 2097.4 | 2016.0 | 1950.9 | 1897.4 | 1885.8 | 1897.4 | 1906.7 |
| 17.5° | 4480.8 | 3306.5 | 2516.0 | 2164.8 | 1988.1 | 1904.3 | 1850.9 | 1802.1 | 1785.8 | 1788.1 | 1799.7 |
| 20°   | 4764.4 | 3434.4 | 2501.9 | 2081.1 | 1883.4 | 1809.0 | 1762.5 | 1713.7 | 1697.4 | 1702.1 | 1704.4 |
| 22.5° | 4792.3 | 3501.8 | 2481.0 | 1988.1 | 1778.8 | 1716.1 | 1669.5 | 1625.3 | 1623.0 | 1623.0 | 1636.9 |
| 25°   | 4641.2 | 3501.8 | 2436.8 | 1904.3 | 1678.8 | 1623.0 | 1581.2 | 1527.7 | 1537.0 | 1541.6 | 1560.3 |
| 27.5° | 4406.4 | 3418.1 | 2353.2 | 1836.9 | 1592.7 | 1534.6 | 1492.8 | 1444.0 | 1455.6 | 1462.6 | 1483.5 |
| 30°   | 4173.8 | 3311.2 | 2253.2 | 1760.2 | 1511.4 | 1444.0 | 1413.8 | 1371.9 | 1376.6 | 1385.8 | 1409.1 |
| 32.5° | 3957.5 | 3197.2 | 2134.6 | 1697.4 | 1430.0 | 1362.6 | 1339.4 | 1292.8 | 1299.8 | 1309.1 | 1334.7 |
| 35°   | 3743.6 | 3071.6 | 1995.1 | 1623.0 | 1355.7 | 1288.2 | 1269.6 | 1216.1 | 1220.8 | 1234.7 | 1262.6 |
| 37.5° | 3513.5 | 2939.1 | 1881.1 | 1548.6 | 1283.5 | 1213.8 | 1195.1 | 1139.4 | 1144.0 | 1160.3 | 1192.9 |
| 40°   | 3271.6 | 2808.9 | 1769.6 | 1469.5 | 1206.8 | 1137.0 | 1120.7 | 1060.4 | 1065.0 | 1083.5 | 1118.5 |
| 42.5° | 3027.4 | 2667.0 | 1683.5 | 1367.2 | 1127.7 | 1053.3 | 1037.1 | 981.2  | 988.2  | 1009.1 | 1044.1 |
| 45°   | 2801.9 | 2497.3 | 1627.7 | 1253.3 | 1053.3 | 969.6  | 953.4  | 902.2  | 916.1  | 939.4  | 974.3  |
| 47.5° | 2608.9 | 2323.0 | 1604.4 | 1157.9 | 974.3  | 883.6  | 869.6  | 827.8  | 851.1  | 876.6  | 904.6  |
| 50°   | 2443.8 | 2155.5 | 1574.2 | 1060.4 | 899.8  | 809.1  | 795.2  | 767.3  | 797.6  | 823.2  | 848.7  |
| 52.5° | 2325.2 | 1964.8 | 1509.1 | 971.9  | 834.8  | 746.4  | 741.8  | 727.9  | 755.7  | 779.0  | 802.2  |
| 55°   | 2222.9 | 1767.2 | 1404.5 | 895.2  | 776.6  | 692.9  | 697.6  | 690.6  | 713.8  | 732.5  | 753.4  |
| 57.5° | 2130.0 | 1595.1 | 1271.9 | 834.8  | 713.8  | 646.5  | 660.4  | 651.1  | 662.7  | 674.3  | 699.9  |
| 60°   | 2018.3 | 1420.8 | 1113.8 | 767.3  | 639.4  | 599.9  | 616.2  | 590.6  | 588.2  | 593.0  | 599.9  |
| 62.5° | 1853.2 | 1185.9 | 948.7  | 683.6  | 574.3  | 548.8  | 555.8  | 506.9  | 469.7  | 469.7  | 476.6  |
| 65°   | 1623.0 | 953.4  | 795.2  | 590.6  | 499.9  | 479.0  | 474.4  | 404.6  | 353.4  | 348.8  | 369.7  |
| 67.5° | 1355.7 | 783.6  | 660.4  | 497.6  | 416.3  | 402.3  | 406.9  | 355.8  | 304.6  | 299.9  | 323.2  |
| 70°   | 1104.5 | 648.7  | 532.5  | 397.6  | 320.9  | 334.9  | 355.8  | 304.6  | 255.7  | 248.8  | 269.7  |
| 72.5° | 897.6  | 516.2  | 416.3  | 304.6  | 237.2  | 276.8  | 302.3  | 248.8  | 202.3  | 197.6  | 216.3  |
| 75°   | 692.9  | 379.0  | 297.7  | 206.9  | 172.1  | 213.9  | 237.2  | 181.3  | 144.1  | 137.1  | 153.4  |
| 77.5° | 462.7  | 234.8  | 167.4  | 130.2  | 102.3  | 146.5  | 158.2  | 95.3   | 83.7   | 81.4   | 93.0   |
| 80°   | 281.4  | 109.3  | 72.1   | 62.8   | 34.8   | 53.5   | 62.8   | 39.6   | 44.2   | 46.5   | 55.8   |
| 82.5° | 141.9  | 30.2   | 11.6   | 2.4    | 0.0    | 0.0    | 18.6   | 9.3    | 18.6   | 23.3   | 34.8   |
| 85°   | 11.6   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.6    | 11.6   | 20.9   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 9.3    |
| 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°    | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8 | 4673.8  | 4673.8  | 4673.8  | 4673.8  |
| 2.5°  | 4236.6 | 4334.2 | 4427.3 | 4576.1 | 4729.6 | 4880.7 | 5034.2 | 5183.0  | 5236.4  | 5276.0  | 5364.3  |
| 5°    | 3748.3 | 3932.0 | 4145.9 | 4441.2 | 4757.4 | 5083.0 | 5413.1 | 5715.5  | 5852.6  | 5945.6  | 6154.9  |
| 7.5°  | 3243.7 | 3483.3 | 3790.1 | 4234.3 | 4729.6 | 5248.1 | 5766.6 | 6243.3  | 6464.2  | 6643.2  | 6961.8  |
| 10°   | 2743.8 | 3004.2 | 3392.5 | 3899.4 | 4569.1 | 5313.2 | 6029.4 | 6685.0  | 6971.1  | 7196.6  | 7629.2  |
| 12.5° | 2304.3 | 2548.5 | 2955.4 | 3515.7 | 4318.0 | 5262.0 | 6180.5 | 6968.8  | 7305.9  | 7559.4  | 8033.7  |
| 15°   | 1995.1 | 2167.2 | 2527.5 | 3132.1 | 4020.4 | 5096.9 | 6189.8 | 7103.7  | 7473.4  | 7738.4  | 8150.0  |
| 17.5° | 1823.0 | 1881.1 | 2116.0 | 2741.5 | 3690.2 | 4880.7 | 6103.8 | 7150.1  | 7545.4  | 7791.9  | 8077.9  |
| 20°   | 1730.0 | 1739.3 | 1804.4 | 2234.6 | 3267.0 | 4678.4 | 6022.4 | 7196.6  | 7612.9  | 7819.8  | 7905.8  |
| 22.5° | 1655.6 | 1655.6 | 1671.9 | 1827.7 | 2720.6 | 4436.6 | 5996.8 | 7278.0  | 7705.8  | 7833.8  | 7657.1  |
| 25°   | 1588.1 | 1588.1 | 1592.7 | 1634.7 | 2155.5 | 4066.9 | 5980.6 | 7403.6  | 7833.8  | 7868.6  | 7382.7  |
| 27.5° | 1518.4 | 1520.7 | 1520.7 | 1544.0 | 1737.0 | 3564.6 | 5910.8 | 7566.3  | 7987.2  | 7915.2  | 7119.9  |
| 30°   | 1448.6 | 1453.2 | 1453.2 | 1469.5 | 1537.0 | 2976.3 | 5773.6 | 7761.7  | 8187.2  | 7975.6  | 6859.5  |
| 32.5° | 1378.8 | 1383.5 | 1383.5 | 1397.5 | 1446.3 | 2376.4 | 5601.5 | 7940.7  | 8389.5  | 8001.2  | 6617.6  |
| 35°   | 1306.8 | 1313.7 | 1309.1 | 1327.7 | 1378.8 | 1890.4 | 5383.0 | 8119.7  | 8608.1  | 8082.5  | 6499.0  |
| 37.5° | 1234.7 | 1239.3 | 1237.1 | 1255.6 | 1313.7 | 1632.3 | 5129.5 | 8254.6  | 8905.7  | 8264.0  | 6640.9  |
| 40°   | 1162.7 | 1160.3 | 1160.3 | 1181.2 | 1244.0 | 1557.9 | 4810.9 | 8468.6  | 9333.5  | 8582.5  | 7259.5  |
| 42.5° | 1088.2 | 1088.2 | 1083.5 | 1106.8 | 1183.6 | 1502.1 | 4506.3 | 8852.2  | 9956.7  | 9089.4  | 8356.9  |
| 45°   | 1020.8 | 1018.4 | 1009.1 | 1030.1 | 1125.4 | 1404.5 | 4399.4 | 9568.4  | 10877.5 | 9910.2  | 9684.6  |
| 47.5° | 955.7  | 953.4  | 930.1  | 948.7  | 1055.6 | 1316.1 | 4799.4 | 10740.4 | 12154.0 | 11117.0 | 10928.7 |
| 50°   | 897.6  | 899.8  | 855.7  | 872.0  | 985.9  | 1248.7 | 5666.6 | 12261.0 | 13849.2 | 12742.4 | 12107.6 |
| 52.5° | 844.1  | 844.1  | 786.0  | 795.2  | 899.8  | 1188.2 | 6492.0 | 13909.7 | 16086.0 | 15009.5 | 13481.8 |
| 55°   | 790.6  | 786.0  | 720.8  | 725.5  | 813.8  | 1102.2 | 6615.4 | 15518.7 | 19136.8 | 18420.6 | 15360.5 |
| 57.5° | 730.1  | 720.8  | 660.4  | 660.4  | 734.8  | 1039.4 | 5734.1 | 16755.7 | 22922.3 | 23433.9 | 18069.5 |
| 60°   | 655.7  | 648.7  | 609.3  | 597.6  | 672.0  | 1095.2 | 4045.9 | 16899.9 | 25363.8 | 30100.4 | 23257.1 |
| 62.5° | 560.4  | 569.7  | 548.8  | 532.5  | 611.5  | 1137.0 | 2397.4 | 15739.6 | 24773.2 | 32221.0 | 29470.2 |
| 65°   | 441.8  | 479.0  | 474.4  | 462.7  | 672.0  | 958.0  | 1416.0 | 13512.0 | 22961.8 | 30509.5 | 28202.9 |
| 67.5° | 376.7  | 402.3  | 395.3  | 395.3  | 704.6  | 727.9  | 890.5  | 10556.6 | 20469.1 | 28479.6 | 25191.7 |
| 70°   | 320.9  | 346.4  | 320.9  | 320.9  | 532.5  | 441.8  | 616.2  | 7371.0  | 17778.8 | 26233.4 | 23215.2 |
| 72.5° | 265.1  | 290.7  | 262.7  | 244.2  | 425.5  | 330.2  | 451.1  | 4606.3  | 15225.8 | 23894.2 | 21861.9 |
| 75°   | 202.3  | 232.6  | 211.6  | 188.4  | 281.4  | 246.5  | 341.8  | 2676.4  | 12614.5 | 20443.5 | 19934.3 |
| 77.5° | 127.9  | 167.4  | 158.2  | 132.5  | 206.9  | 179.1  | 246.5  | 1592.7  | 9733.5  | 15974.4 | 17146.4 |
| 80°   | 79.0   | 86.0   | 88.4   | 83.7   | 118.6  | 121.0  | 167.4  | 906.8   | 6661.8  | 11133.2 | 13395.7 |
| 82.5° | 51.1   | 51.1   | 39.6   | 44.2   | 58.1   | 69.8   | 95.3   | 341.8   | 3915.7  | 6778.1  | 9324.2  |
| 85°   | 37.2   | 32.6   | 20.9   | 20.9   | 27.9   | 34.8   | 37.2   | 104.7   | 1588.1  | 2676.4  | 3646.0  |
| 87.5° | 18.6   | 16.3   | 7.0    | 9.3    | 13.9   | 11.6   | 9.3    | 4.6     | 400.0   | 855.7   | 599.9   |
| 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: P967292

CATALOG NUMBER: NAV-SB4D-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 4673.8  | 4673.8  | 4673.8  | 4673.8  | 4673.8  | 4673.8  | 4673.8  | 4673.8  |
| 2.5°  | 5410.9  | 5482.9  | 5487.5  | 5487.5  | 5424.8  | 5422.5  | 5294.5  | 5280.6  |
| 5°    | 6371.2  | 6417.7  | 6429.3  | 6406.0  | 6280.5  | 6187.5  | 5938.6  | 5885.2  |
| 7.5°  | 7250.1  | 7343.1  | 7343.1  | 7287.3  | 7082.7  | 6892.0  | 6531.6  | 6396.7  |
| 10°   | 7952.4  | 8059.3  | 8036.1  | 7922.1  | 7664.0  | 7401.2  | 6964.2  | 6787.3  |
| 12.5° | 8294.2  | 8403.5  | 8343.0  | 8212.8  | 7961.7  | 7684.9  | 7224.5  | 7024.5  |
| 15°   | 8287.2  | 8257.0  | 8194.2  | 8177.9  | 8057.0  | 7847.7  | 7417.5  | 7199.0  |
| 17.5° | 7991.8  | 7736.1  | 7687.3  | 7850.1  | 8003.5  | 7952.4  | 7585.0  | 7380.3  |
| 20°   | 7524.5  | 7078.0  | 7033.9  | 7345.5  | 7782.6  | 8005.9  | 7740.7  | 7552.4  |
| 22.5° | 7031.5  | 6550.3  | 6447.9  | 6792.1  | 7450.1  | 8022.1  | 7938.4  | 7750.0  |
| 25°   | 6564.2  | 6080.5  | 5978.2  | 6299.1  | 7080.4  | 7994.2  | 8152.3  | 7991.8  |
| 27.5° | 6173.6  | 5706.2  | 5610.8  | 5931.7  | 6724.6  | 7915.2  | 8366.3  | 8252.3  |
| 30°   | 5871.2  | 5438.8  | 5369.0  | 5678.3  | 6417.7  | 7817.5  | 8638.3  | 8575.5  |
| 32.5° | 5694.5  | 5378.3  | 5403.9  | 5657.3  | 6252.6  | 7710.6  | 8898.7  | 8929.0  |
| 35°   | 5868.9  | 5882.9  | 6106.1  | 6210.8  | 6406.0  | 7694.3  | 9252.2  | 9370.8  |
| 37.5° | 6736.2  | 7219.9  | 7682.6  | 7596.6  | 7157.1  | 7882.6  | 9779.9  | 10000.9 |
| 40°   | 8212.8  | 9205.6  | 9956.7  | 9628.8  | 8522.1  | 8459.2  | 10540.4 | 10870.5 |
| 42.5° | 10017.1 | 11700.7 | 12937.7 | 12058.7 | 10282.3 | 9468.4  | 11626.3 | 12047.1 |
| 45°   | 11921.6 | 14776.9 | 16725.5 | 14897.9 | 12158.8 | 10882.1 | 13270.2 | 13600.3 |
| 47.5° | 13928.2 | 18515.9 | 21036.5 | 18046.3 | 13898.0 | 12491.3 | 15511.7 | 15588.4 |
| 50°   | 16123.2 | 22615.4 | 25431.2 | 21192.3 | 15576.8 | 14335.1 | 18250.8 | 18162.5 |
| 52.5° | 18213.6 | 26831.0 | 29732.9 | 24352.3 | 17051.1 | 16623.1 | 21429.5 | 21248.1 |
| 55°   | 20208.7 | 31044.4 | 34060.2 | 27389.1 | 18441.5 | 19646.0 | 25205.7 | 24108.2 |
| 57.5° | 22522.3 | 34832.2 | 38520.0 | 30439.8 | 20385.4 | 23571.0 | 29428.4 | 25768.4 |
| 60°   | 25942.7 | 39136.2 | 43563.5 | 34620.6 | 24082.6 | 27696.0 | 30942.1 | 25452.2 |
| 62.5° | 30309.6 | 43093.8 | 47230.4 | 38717.6 | 27796.0 | 28472.7 | 28712.1 | 23015.2 |
| 65°   | 31158.3 | 44096.0 | 47437.3 | 39812.8 | 27317.0 | 24152.4 | 23440.8 | 18499.6 |
| 67.5° | 28907.5 | 42284.6 | 44544.8 | 37773.6 | 24164.0 | 18664.7 | 17590.5 | 13421.4 |
| 70°   | 26382.3 | 38831.6 | 39503.6 | 34306.6 | 21252.8 | 13728.2 | 11879.6 | 8612.7  |
| 72.5° | 23794.2 | 34225.3 | 32834.8 | 29793.4 | 18678.7 | 9996.2  | 8568.5  | 6122.3  |
| 75°   | 20720.3 | 28168.0 | 25863.7 | 24754.6 | 15465.2 | 7845.4  | 6199.1  | 4224.9  |
| 77.5° | 16593.0 | 19827.4 | 19211.2 | 19187.9 | 11621.6 | 5731.7  | 4136.6  | 2648.5  |
| 80°   | 11705.3 | 12868.0 | 12554.0 | 14451.4 | 7796.6  | 4157.5  | 2490.3  | 1474.2  |
| 82.5° | 5666.6  | 7115.2  | 7303.6  | 8605.7  | 3792.5  | 2446.2  | 574.3   | 320.9   |
| 85°   | 2218.3  | 3432.1  | 2894.9  | 3267.0  | 1065.0  | 681.3   | 13.9    | 0.0     |
| 87.5° | 248.8   | 397.6   | 365.1   | 288.3   | 130.2   | 27.9    | 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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