

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: P962361

Luminaire Tested: **NAV-SB2C-722-U-SLL-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P962361  
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-SB2C-722-U-SLL-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 2200K, 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: 9678 lumens  
Efficiency: N/A  
Efficacy: 95.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3

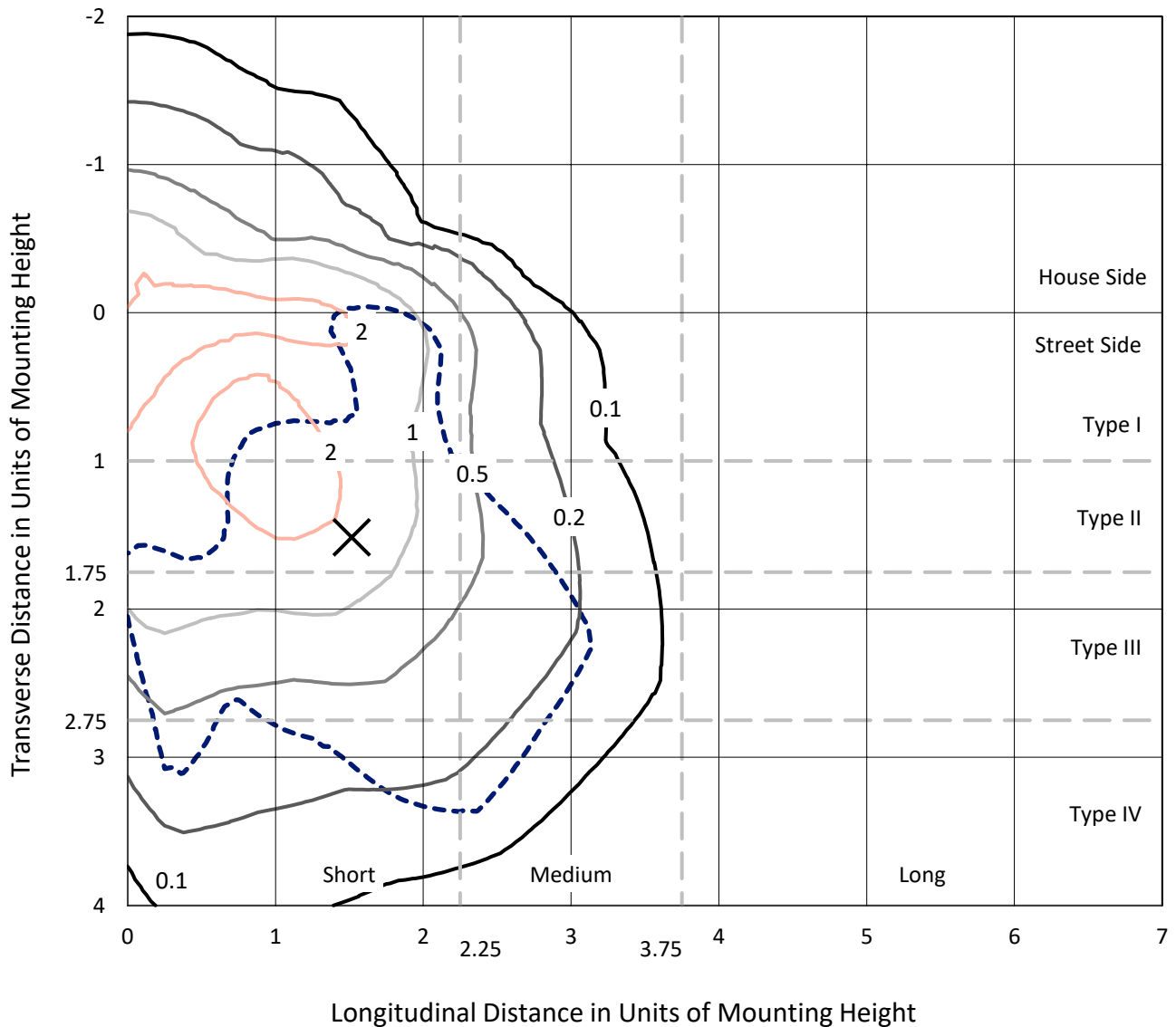
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P962361  
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### Iso-Footcandle Lines of Horizontal Illumination

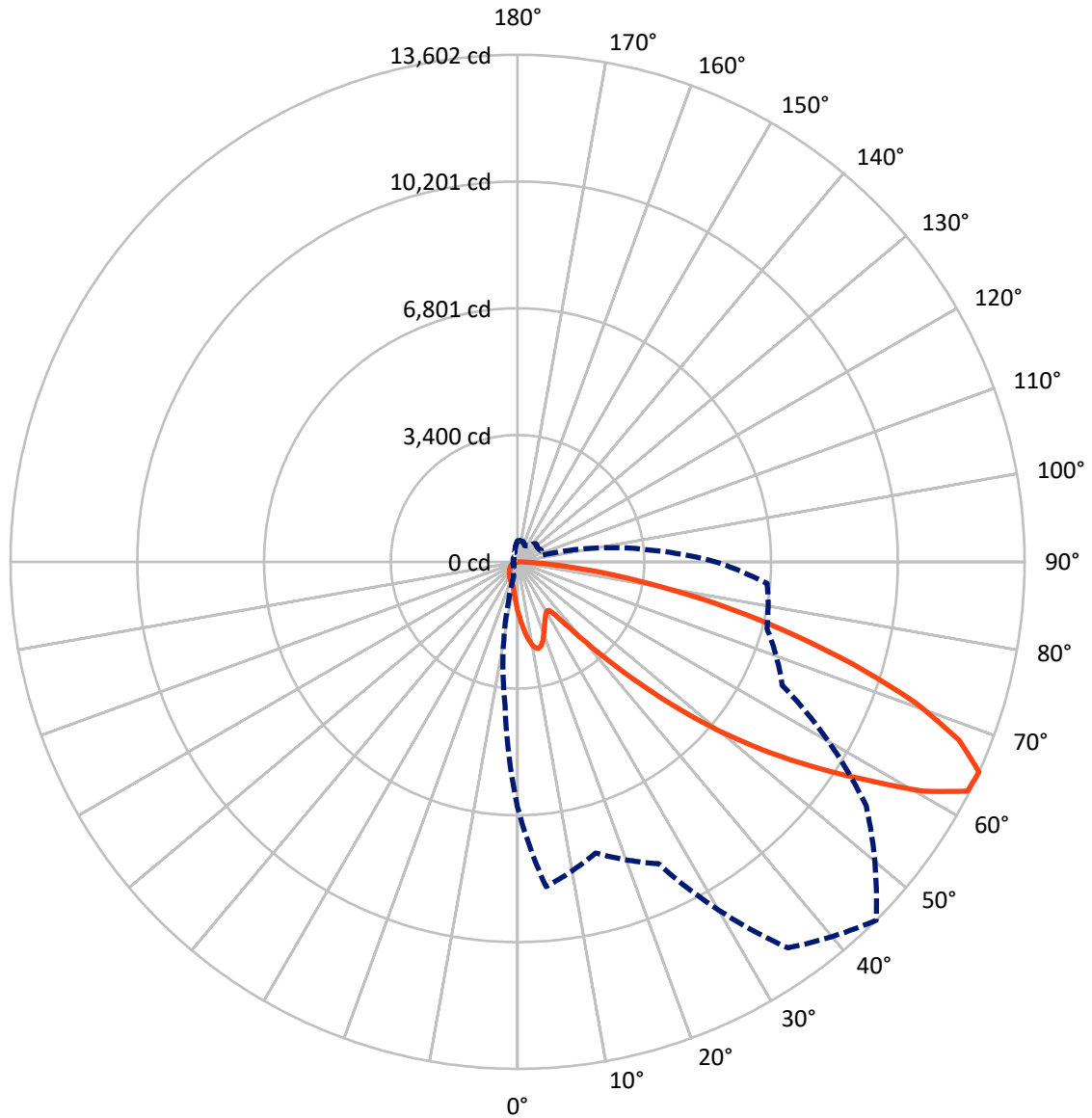
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.5 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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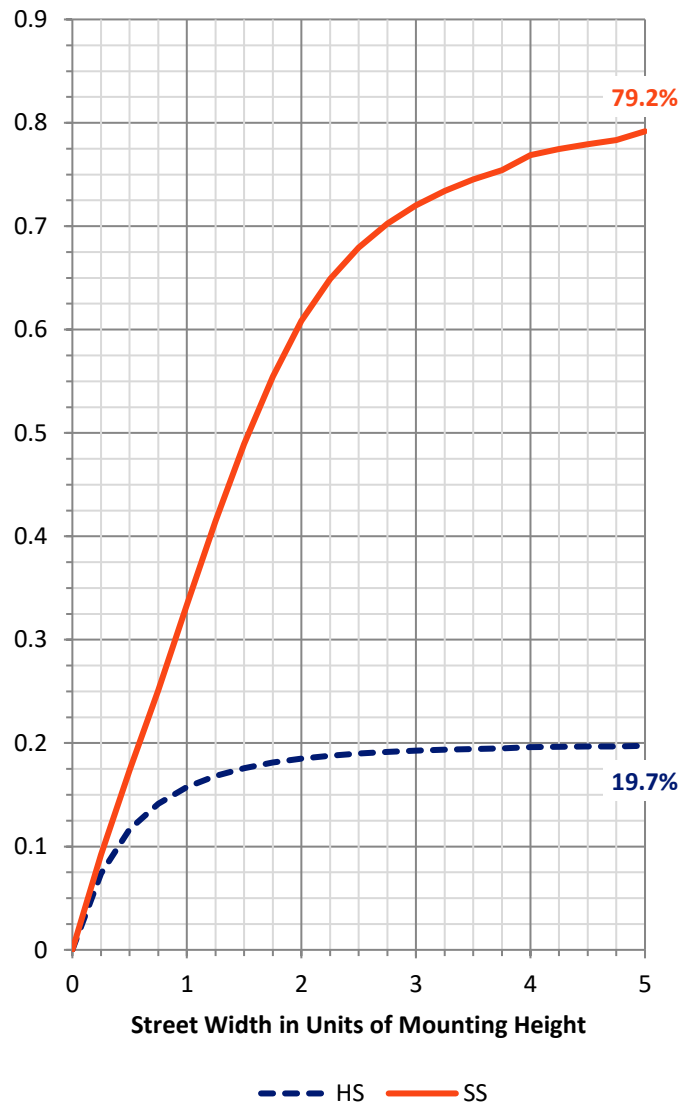
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1923.7   | 0.0    | 1923.7 |
|                    | % Fixture | 19.9     | 0.0    | 19.9   |
| <b>Street Side</b> | Lumens    | 7754.4   | 0.0    | 7754.4 |
|                    | % Fixture | 80.1     | 0.0    | 80.1   |
| <b>Total</b>       | Lumens    | 9678.0   | 0.0    | 9678.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 131.9  | 1.4       |
| 10°-20°   | 395.5  | 4.1       |
| 20°-30°   | 582.7  | 6.0       |
| 30°-40°   | 748.6  | 7.7       |
| 40°-50°   | 1210.7 | 12.5      |
| 50°-60°   | 2123.0 | 21.9      |
| 60°-70°   | 2656.5 | 27.4      |
| 70°-80°   | 1552.3 | 16.0      |
| 80°-90°   | 277.0  | 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°    | 9678.0 | 100.0     |
| 0°-180°   | 9678.0 | 100.0     |

**Coefficient of Utilization**



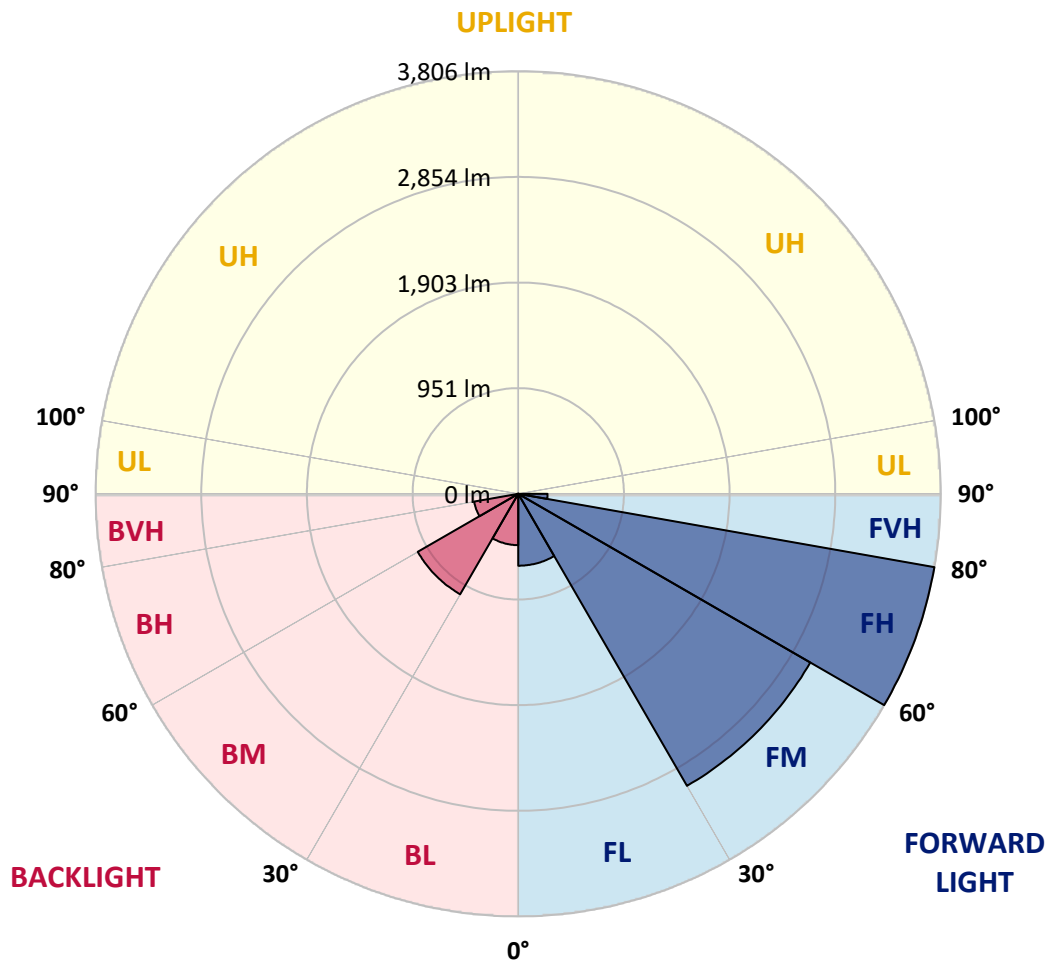
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 647.6  | 6.7       |                         |      |         |
| FM (30°-60°)   | 3037.1 | 31.4      |                         |      |         |
| FH (60°-80°)   | 3805.7 | 39.3      |                         |      | G2/5000 |
| FVH (80°-90°)  | 264.0  | 2.7       |                         |      | G3/500  |
| BL (0°-30°)    | 462.5  | 4.8       | B1/500                  |      |         |
| BM (30°-60°)   | 1045.1 | 10.8      | B2/2500                 |      |         |
| BH (60°-80°)   | 403.0  | 4.2       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 13.0   | 0.1       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°     | 45°     | 55°     | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|
| 0°    | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1  | 1340.1  | 1340.1  | 1340.1 | 1340.1 | 1340.1 | 1340.1 |
| 2.5°  | 1501.4 | 1512.8 | 1538.1 | 1551.4 | 1572.1  | 1573.5  | 1573.5  | 1555.4 | 1554.8 | 1518.1 | 1514.1 |
| 5°    | 1678.1 | 1704.8 | 1764.8 | 1826.8 | 1840.2  | 1843.5  | 1836.8  | 1800.8 | 1774.2 | 1702.8 | 1687.5 |
| 7.5°  | 1853.5 | 1904.9 | 1996.2 | 2078.8 | 2105.5  | 2105.5  | 2089.5  | 2030.8 | 1976.1 | 1872.8 | 1834.1 |
| 10°   | 1998.9 | 2063.5 | 2187.5 | 2280.2 | 2310.9  | 2304.2  | 2271.5  | 2197.5 | 2122.2 | 1996.8 | 1946.2 |
| 12.5° | 2094.8 | 2167.5 | 2303.5 | 2378.2 | 2409.5  | 2392.1  | 2354.8  | 2282.9 | 2203.5 | 2071.5 | 2014.1 |
| 15°   | 2142.9 | 2218.8 | 2336.8 | 2376.2 | 2367.5  | 2349.5  | 2344.9  | 2310.1 | 2250.2 | 2126.9 | 2064.1 |
| 17.5° | 2163.5 | 2234.2 | 2316.2 | 2291.5 | 2218.2  | 2204.2  | 2250.8  | 2294.9 | 2280.2 | 2174.8 | 2116.1 |
| 20°   | 2182.8 | 2242.2 | 2266.8 | 2157.5 | 2029.5  | 2016.8  | 2106.2  | 2231.5 | 2295.5 | 2219.5 | 2165.5 |
| 22.5° | 2209.5 | 2246.2 | 2195.4 | 2016.2 | 1878.1  | 1848.8  | 1947.5  | 2136.2 | 2300.2 | 2276.2 | 2222.2 |
| 25°   | 2246.2 | 2256.1 | 2116.8 | 1882.1 | 1743.4  | 1714.1  | 1806.2  | 2030.1 | 2292.2 | 2337.5 | 2291.5 |
| 27.5° | 2290.2 | 2269.5 | 2041.5 | 1770.2 | 1636.1  | 1608.7  | 1700.8  | 1928.1 | 2269.5 | 2398.8 | 2366.2 |
| 30°   | 2347.6 | 2286.9 | 1966.8 | 1683.5 | 1559.4  | 1539.4  | 1628.1  | 1840.2 | 2241.5 | 2476.8 | 2458.9 |
| 32.5° | 2405.5 | 2294.2 | 1897.5 | 1632.8 | 1542.1  | 1549.5  | 1622.2  | 1792.8 | 2210.8 | 2551.5 | 2560.1 |
| 35°   | 2468.2 | 2317.5 | 1863.4 | 1682.7 | 1686.8  | 1750.8  | 1780.8  | 1836.8 | 2206.2 | 2652.9 | 2686.8 |
| 37.5° | 2553.5 | 2369.5 | 1904.1 | 1931.5 | 2070.2  | 2202.8  | 2178.1  | 2052.2 | 2260.1 | 2804.2 | 2867.5 |
| 40°   | 2676.2 | 2460.8 | 2081.5 | 2354.8 | 2639.6  | 2854.8  | 2760.8  | 2443.5 | 2425.6 | 3022.2 | 3116.9 |
| 42.5° | 2854.8 | 2606.2 | 2396.1 | 2872.3 | 3354.9  | 3709.6  | 3457.6  | 2948.2 | 2714.9 | 3333.6 | 3454.2 |
| 45°   | 3118.9 | 2841.5 | 2776.8 | 3418.3 | 4236.9  | 4795.7  | 4271.7  | 3486.2 | 3120.2 | 3804.9 | 3899.6 |
| 47.5° | 3484.9 | 3187.5 | 3133.5 | 3993.6 | 5309.1  | 6031.8  | 5174.4  | 3985.0 | 3581.6 | 4447.7 | 4469.7 |
| 50°   | 3971.0 | 3653.6 | 3471.6 | 4623.1 | 6484.5  | 7291.8  | 6076.4  | 4466.3 | 4110.4 | 5233.0 | 5207.7 |
| 52.5° | 4612.3 | 4303.7 | 3865.6 | 5222.4 | 7693.2  | 8525.3  | 6982.5  | 4889.0 | 4766.4 | 6144.5 | 6092.5 |
| 55°   | 5487.0 | 5281.7 | 4404.3 | 5794.4 | 8901.3  | 9766.1  | 7853.2  | 5287.8 | 5633.1 | 7227.2 | 6912.5 |
| 57.5° | 6572.5 | 6719.2 | 5181.1 | 6457.8 | 9987.4  | 11044.8 | 8728.0  | 5845.1 | 6758.5 | 8438.0 | 7388.5 |
| 60°   | 7272.6 | 8630.6 | 6668.5 | 7438.5 | 11221.5 | 12491.0 | 9926.7  | 6905.2 | 7941.3 | 8872.0 | 7297.9 |
| 62.5° | 7103.1 | 9238.7 | 8450.0 | 8690.7 | 12356.3 | 13542.3 | 11101.5 | 7969.9 | 8163.9 | 8232.6 | 6599.2 |
| 65°   | 6583.8 | 8748.0 | 8086.6 | 8934.0 | 12643.6 | 13601.6 | 11415.5 | 7832.5 | 6925.2 | 6721.1 | 5304.4 |
| 67.5° | 5869.2 | 8166.0 | 7223.2 | 8288.7 | 12124.2 | 12772.3 | 10830.8 | 6928.5 | 5351.7 | 5043.7 | 3848.3 |
| 70°   | 5097.7 | 7521.9 | 6656.5 | 7564.6 | 11134.2 | 11326.9 | 9836.7  | 6093.8 | 3936.3 | 3406.3 | 2469.5 |
| 72.5° | 4365.7 | 6851.2 | 6268.5 | 6822.5 | 9813.3  | 9414.7  | 8542.7  | 5355.7 | 2866.2 | 2456.8 | 1755.4 |
| 75°   | 3616.9 | 5861.8 | 5715.8 | 5941.1 | 8076.6  | 7415.9  | 7097.8  | 4434.4 | 2249.5 | 1777.5 | 1211.4 |
| 77.5° | 2790.9 | 4580.3 | 4916.4 | 4757.6 | 5685.1  | 5508.5  | 5501.8  | 3332.3 | 1643.5 | 1186.1 | 759.4  |
| 80°   | 1910.2 | 3192.3 | 3841.0 | 3356.3 | 3689.6  | 3599.6  | 4143.7  | 2235.5 | 1192.1 | 714.0  | 422.7  |
| 82.5° | 1122.8 | 1943.5 | 2673.5 | 1624.8 | 2040.2  | 2094.2  | 2467.5  | 1087.4 | 701.4  | 164.7  | 92.0   |
| 85°   | 455.4  | 767.4  | 1045.4 | 636.0  | 984.1   | 830.0   | 936.7   | 305.3  | 195.4  | 4.0    | 0.0    |
| 87.5° | 114.7  | 245.4  | 172.0  | 71.3   | 114.0   | 104.7   | 82.7    | 37.3   | 8.0    | 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°    | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 |
| 2.5°  | 1488.1 | 1472.8 | 1434.8 | 1396.8 | 1366.1 | 1324.8 | 1297.4 | 1264.7 | 1233.4 | 1205.4 | 1200.1 |
| 5°    | 1645.4 | 1594.8 | 1525.4 | 1462.1 | 1397.5 | 1334.8 | 1272.7 | 1207.4 | 1147.4 | 1110.8 | 1087.4 |
| 7.5°  | 1773.5 | 1684.1 | 1592.1 | 1511.5 | 1433.5 | 1360.1 | 1278.1 | 1198.7 | 1104.7 | 1054.7 | 1009.4 |
| 10°   | 1868.8 | 1751.4 | 1630.8 | 1538.1 | 1459.4 | 1388.1 | 1318.8 | 1238.7 | 1125.4 | 1062.7 | 994.8  |
| 12.5° | 1931.5 | 1792.1 | 1650.8 | 1544.8 | 1456.7 | 1401.5 | 1370.7 | 1339.5 | 1226.7 | 1153.4 | 1054.7 |
| 15°   | 1974.8 | 1820.8 | 1664.8 | 1529.4 | 1421.5 | 1380.8 | 1411.4 | 1447.4 | 1375.4 | 1290.8 | 1162.0 |
| 17.5° | 2022.1 | 1858.1 | 1670.7 | 1488.1 | 1352.8 | 1335.5 | 1414.8 | 1498.1 | 1494.8 | 1410.8 | 1284.7 |
| 20°   | 2072.1 | 1890.8 | 1666.8 | 1421.5 | 1269.5 | 1284.7 | 1386.1 | 1482.8 | 1523.5 | 1478.2 | 1366.1 |
| 22.5° | 2123.5 | 1922.2 | 1651.5 | 1334.8 | 1191.5 | 1239.4 | 1340.8 | 1425.5 | 1473.4 | 1459.4 | 1374.1 |
| 25°   | 2188.2 | 1966.2 | 1628.8 | 1241.4 | 1126.8 | 1193.4 | 1288.1 | 1356.8 | 1390.1 | 1389.4 | 1330.8 |
| 27.5° | 2265.5 | 2024.8 | 1616.8 | 1166.0 | 1080.8 | 1141.4 | 1225.4 | 1286.8 | 1310.1 | 1310.1 | 1263.4 |
| 30°   | 2355.6 | 2094.2 | 1603.4 | 1116.7 | 1054.1 | 1087.4 | 1152.7 | 1212.8 | 1236.0 | 1236.0 | 1196.8 |
| 32.5° | 2455.5 | 2160.8 | 1571.4 | 1086.7 | 1034.1 | 1034.7 | 1076.0 | 1130.8 | 1158.8 | 1162.8 | 1134.8 |
| 35°   | 2575.5 | 2232.1 | 1501.4 | 1062.7 | 1010.8 | 983.4  | 1003.4 | 1048.8 | 1082.1 | 1090.7 | 1073.4 |
| 37.5° | 2732.9 | 2319.5 | 1401.5 | 1027.5 | 974.8  | 929.4  | 934.1  | 968.7  | 1005.4 | 1018.7 | 1007.4 |
| 40°   | 2944.2 | 2422.2 | 1297.4 | 976.7  | 924.0  | 870.0  | 868.1  | 893.4  | 929.4  | 944.0  | 938.1  |
| 42.5° | 3223.6 | 2545.5 | 1198.1 | 928.0  | 862.7  | 807.4  | 804.0  | 824.1  | 855.4  | 870.7  | 868.1  |
| 45°   | 3580.9 | 2696.9 | 1112.7 | 890.1  | 802.7  | 748.0  | 746.7  | 763.4  | 790.7  | 806.8  | 803.4  |
| 47.5° | 4077.7 | 2848.2 | 1054.7 | 870.0  | 755.4  | 699.4  | 702.0  | 716.7  | 741.4  | 752.8  | 748.0  |
| 50°   | 4725.0 | 2894.2 | 1025.4 | 870.0  | 730.0  | 656.0  | 669.4  | 681.4  | 700.1  | 706.7  | 700.7  |
| 52.5° | 5346.4 | 2742.2 | 998.8  | 875.4  | 733.4  | 619.4  | 648.0  | 656.7  | 672.7  | 675.4  | 666.8  |
| 55°   | 5651.1 | 2357.5 | 962.1  | 876.7  | 754.1  | 588.0  | 630.7  | 646.7  | 652.7  | 652.0  | 637.3  |
| 57.5° | 5546.4 | 1906.2 | 900.1  | 871.4  | 768.0  | 568.1  | 609.4  | 640.0  | 644.0  | 638.1  | 610.7  |
| 60°   | 5179.0 | 1403.4 | 852.7  | 832.1  | 762.7  | 562.0  | 576.7  | 625.4  | 631.4  | 623.4  | 578.7  |
| 62.5° | 4563.0 | 974.1  | 816.1  | 745.4  | 739.4  | 560.1  | 525.4  | 593.4  | 608.0  | 596.8  | 531.4  |
| 65°   | 3592.3 | 688.1  | 702.7  | 653.3  | 688.7  | 549.4  | 472.0  | 554.7  | 574.7  | 557.4  | 465.4  |
| 67.5° | 2430.9 | 496.7  | 569.4  | 592.0  | 606.7  | 525.4  | 433.4  | 510.7  | 537.4  | 514.8  | 388.7  |
| 70°   | 1312.7 | 348.7  | 376.1  | 498.7  | 515.4  | 484.0  | 398.7  | 466.1  | 496.7  | 472.0  | 316.7  |
| 72.5° | 775.4  | 250.7  | 263.3  | 400.7  | 429.4  | 426.0  | 360.0  | 414.0  | 451.4  | 422.0  | 257.4  |
| 75°   | 427.3  | 169.3  | 188.0  | 290.7  | 348.7  | 328.7  | 309.3  | 350.7  | 388.7  | 360.0  | 198.6  |
| 77.5° | 191.4  | 101.4  | 130.7  | 190.6  | 274.0  | 225.4  | 239.3  | 273.4  | 308.7  | 278.7  | 132.6  |
| 80°   | 74.0   | 56.7   | 86.7   | 104.0  | 199.4  | 124.6  | 154.1  | 201.3  | 226.7  | 202.6  | 80.7   |
| 82.5° | 9.3    | 25.3   | 37.3   | 40.7   | 116.0  | 66.0   | 89.4   | 126.7  | 124.6  | 108.0  | 40.7   |
| 85°   | 0.0    | 4.7    | 5.3    | 2.7    | 50.0   | 24.0   | 29.3   | 41.3   | 38.6   | 29.3   | 3.4    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.3    | 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°    | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 |
| 2.5°  | 1167.4 | 1143.4 | 1131.4 | 1121.5 | 1130.8 | 1136.1 | 1136.1 | 1158.8 | 1172.1 | 1177.4 | 1214.7 |
| 5°    | 1028.8 | 984.1  | 954.1  | 936.0  | 942.1  | 948.7  | 956.1  | 984.7  | 1004.1 | 1016.7 | 1074.7 |
| 7.5°  | 919.4  | 851.4  | 809.4  | 787.4  | 790.7  | 795.4  | 801.3  | 829.4  | 848.7  | 865.4  | 930.1  |
| 10°   | 865.4  | 769.4  | 714.0  | 687.4  | 682.8  | 680.1  | 678.0  | 694.7  | 709.4  | 722.7  | 786.7  |
| 12.5° | 868.1  | 734.1  | 666.8  | 634.1  | 620.0  | 604.0  | 591.4  | 594.1  | 603.4  | 620.0  | 660.7  |
| 15°   | 902.1  | 722.7  | 642.1  | 601.4  | 578.0  | 559.3  | 544.1  | 540.7  | 544.1  | 546.7  | 572.1  |
| 17.5° | 948.0  | 721.4  | 620.7  | 570.0  | 546.0  | 530.7  | 516.7  | 512.0  | 512.7  | 516.1  | 522.8  |
| 20°   | 984.7  | 717.4  | 596.8  | 540.1  | 518.8  | 505.3  | 491.4  | 486.7  | 488.0  | 488.7  | 496.0  |
| 22.5° | 1004.1 | 711.3  | 570.0  | 510.0  | 492.0  | 478.7  | 466.1  | 465.4  | 465.4  | 469.3  | 474.7  |
| 25°   | 1004.1 | 698.7  | 546.0  | 481.3  | 465.4  | 453.4  | 438.0  | 440.7  | 442.1  | 447.4  | 455.4  |
| 27.5° | 980.1  | 674.8  | 526.7  | 456.7  | 440.0  | 428.0  | 414.0  | 417.4  | 419.3  | 425.4  | 435.3  |
| 30°   | 949.4  | 646.1  | 504.7  | 433.4  | 414.0  | 405.4  | 393.4  | 394.7  | 397.4  | 404.1  | 415.3  |
| 32.5° | 916.8  | 612.0  | 486.7  | 410.0  | 390.7  | 384.1  | 370.7  | 372.7  | 375.4  | 382.7  | 395.3  |
| 35°   | 880.8  | 572.1  | 465.4  | 388.7  | 369.4  | 364.0  | 348.7  | 350.0  | 354.0  | 362.0  | 374.7  |
| 37.5° | 842.8  | 539.4  | 444.0  | 368.1  | 348.0  | 342.7  | 326.7  | 328.0  | 332.7  | 342.0  | 354.0  |
| 40°   | 805.3  | 507.4  | 421.4  | 346.0  | 326.1  | 321.3  | 304.0  | 305.3  | 310.7  | 320.7  | 333.3  |
| 42.5° | 764.8  | 482.7  | 392.1  | 323.4  | 302.1  | 297.4  | 281.4  | 283.3  | 289.4  | 299.4  | 312.0  |
| 45°   | 716.1  | 466.7  | 359.4  | 302.1  | 278.0  | 273.4  | 258.7  | 262.7  | 269.4  | 279.3  | 292.6  |
| 47.5° | 666.0  | 460.0  | 332.0  | 279.3  | 253.4  | 249.4  | 237.4  | 244.1  | 251.3  | 259.3  | 274.0  |
| 50°   | 618.1  | 451.4  | 304.0  | 258.0  | 232.1  | 228.1  | 220.1  | 228.7  | 236.1  | 243.3  | 257.4  |
| 52.5° | 563.3  | 432.7  | 278.7  | 239.3  | 214.0  | 212.7  | 208.7  | 216.7  | 223.3  | 230.0  | 242.0  |
| 55°   | 506.7  | 402.7  | 256.7  | 222.7  | 198.6  | 200.0  | 198.0  | 204.7  | 210.0  | 216.0  | 226.7  |
| 57.5° | 457.4  | 364.7  | 239.3  | 204.7  | 185.3  | 189.3  | 186.7  | 190.0  | 193.3  | 200.7  | 209.3  |
| 60°   | 407.3  | 319.4  | 220.1  | 183.4  | 172.0  | 176.7  | 169.3  | 168.7  | 170.0  | 172.0  | 188.0  |
| 62.5° | 340.0  | 272.0  | 196.0  | 164.7  | 157.3  | 159.4  | 145.3  | 134.7  | 134.7  | 136.6  | 160.7  |
| 65°   | 273.4  | 228.1  | 169.3  | 143.3  | 137.4  | 136.0  | 116.0  | 101.4  | 100.0  | 106.0  | 126.7  |
| 67.5° | 224.7  | 189.3  | 142.7  | 119.3  | 115.3  | 116.6  | 102.0  | 87.3   | 86.0   | 92.7   | 108.0  |
| 70°   | 186.0  | 152.7  | 114.0  | 92.0   | 96.0   | 102.0  | 87.3   | 73.4   | 71.3   | 77.4   | 92.0   |
| 72.5° | 148.0  | 119.3  | 87.3   | 68.0   | 79.3   | 86.7   | 71.3   | 58.0   | 56.7   | 62.0   | 76.1   |
| 75°   | 108.6  | 85.4   | 59.3   | 49.3   | 61.3   | 68.0   | 52.0   | 41.3   | 39.4   | 44.0   | 58.0   |
| 77.5° | 67.3   | 48.0   | 37.3   | 29.3   | 42.0   | 45.3   | 27.4   | 24.0   | 23.4   | 26.6   | 36.7   |
| 80°   | 31.4   | 20.7   | 18.0   | 10.0   | 15.4   | 18.0   | 11.4   | 12.7   | 13.3   | 16.0   | 22.7   |
| 82.5° | 8.7    | 3.4    | 0.7    | 0.0    | 0.0    | 5.3    | 2.7    | 5.3    | 6.7    | 10.0   | 14.7   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.3    | 3.4    | 6.0    | 10.7   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.7    | 5.3    |
| 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):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 | 1340.1 |
| 2.5°  | 1242.7 | 1269.5 | 1312.1 | 1356.1 | 1399.4 | 1443.4 | 1486.1 | 1501.4 |
| 5°    | 1127.4 | 1188.8 | 1273.5 | 1364.1 | 1457.4 | 1552.2 | 1638.8 | 1678.1 |
| 7.5°  | 998.8  | 1086.7 | 1214.1 | 1356.1 | 1504.8 | 1653.4 | 1790.2 | 1853.5 |
| 10°   | 861.4  | 972.7  | 1118.1 | 1310.1 | 1523.5 | 1728.8 | 1916.9 | 1998.9 |
| 12.5° | 730.7  | 847.4  | 1008.1 | 1238.1 | 1508.8 | 1772.1 | 1998.1 | 2094.8 |
| 15°   | 621.4  | 724.7  | 898.1  | 1152.7 | 1461.4 | 1774.8 | 2036.8 | 2142.9 |
| 17.5° | 539.4  | 606.7  | 786.1  | 1058.1 | 1399.4 | 1750.1 | 2050.1 | 2163.5 |
| 20°   | 498.7  | 517.4  | 640.7  | 936.7  | 1341.4 | 1726.8 | 2063.5 | 2182.8 |
| 22.5° | 474.7  | 479.4  | 524.1  | 780.0  | 1272.1 | 1719.4 | 2086.8 | 2209.5 |
| 25°   | 455.4  | 456.7  | 468.7  | 618.1  | 1166.0 | 1714.8 | 2122.8 | 2246.2 |
| 27.5° | 436.0  | 436.0  | 442.7  | 498.0  | 1022.0 | 1694.8 | 2169.5 | 2290.2 |
| 30°   | 416.7  | 416.7  | 421.4  | 440.7  | 853.4  | 1655.5 | 2225.5 | 2347.6 |
| 32.5° | 396.7  | 396.7  | 400.7  | 414.7  | 681.4  | 1606.1 | 2276.8 | 2405.5 |
| 35°   | 376.7  | 375.4  | 380.7  | 395.3  | 542.0  | 1543.4 | 2328.2 | 2468.2 |
| 37.5° | 355.4  | 354.6  | 360.0  | 376.7  | 468.0  | 1470.8 | 2366.8 | 2553.5 |
| 40°   | 332.7  | 332.7  | 338.7  | 356.7  | 446.7  | 1379.4 | 2428.2 | 2676.2 |
| 42.5° | 312.0  | 310.7  | 317.3  | 339.4  | 430.7  | 1292.1 | 2538.2 | 2854.8 |
| 45°   | 292.0  | 289.4  | 295.4  | 322.7  | 402.7  | 1261.5 | 2743.5 | 3118.9 |
| 47.5° | 273.4  | 266.7  | 272.0  | 302.7  | 377.4  | 1376.1 | 3079.6 | 3484.9 |
| 50°   | 258.0  | 245.4  | 250.0  | 282.7  | 358.0  | 1624.8 | 3515.6 | 3971.0 |
| 52.5° | 242.0  | 225.4  | 228.1  | 258.0  | 340.7  | 1861.5 | 3988.3 | 4612.3 |
| 55°   | 225.4  | 206.6  | 208.0  | 233.4  | 316.0  | 1896.8 | 4449.6 | 5487.0 |
| 57.5° | 206.6  | 189.3  | 189.3  | 210.6  | 298.1  | 1644.1 | 4804.4 | 6572.5 |
| 60°   | 186.0  | 174.7  | 171.4  | 192.7  | 314.1  | 1160.1 | 4845.7 | 7272.6 |
| 62.5° | 163.4  | 157.3  | 152.7  | 175.4  | 326.1  | 687.4  | 4513.0 | 7103.1 |
| 65°   | 137.4  | 136.0  | 132.6  | 192.7  | 274.7  | 406.0  | 3874.3 | 6583.8 |
| 67.5° | 115.3  | 113.4  | 113.4  | 202.0  | 208.7  | 255.3  | 3026.9 | 5869.2 |
| 70°   | 99.3   | 92.0   | 92.0   | 152.7  | 126.7  | 176.7  | 2113.4 | 5097.7 |
| 72.5° | 83.3   | 75.3   | 70.0   | 122.0  | 94.7   | 129.4  | 1320.8 | 4365.7 |
| 75°   | 66.6   | 60.7   | 54.0   | 80.7   | 70.6   | 98.0   | 767.4  | 3616.9 |
| 77.5° | 48.0   | 45.3   | 38.0   | 59.3   | 51.4   | 70.6   | 456.7  | 2790.9 |
| 80°   | 24.7   | 25.3   | 24.0   | 34.0   | 34.6   | 48.0   | 260.0  | 1910.2 |
| 82.5° | 14.7   | 11.4   | 12.7   | 16.7   | 20.0   | 27.4   | 98.0   | 1122.8 |
| 85°   | 9.3    | 6.0    | 6.0    | 8.0    | 10.0   | 10.7   | 30.0   | 455.4  |
| 87.5° | 4.7    | 2.0    | 2.7    | 4.0    | 3.4    | 2.7    | 1.3    | 114.7  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)