

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: STREETWORKS

Report Number: P971012

Luminaire Tested: **NVN-SB6C-827-U-SLR-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P971012  
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: STREETWORKS  
Catalog Number: NVN-SB6C-827-U-SLR-HSS  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(6) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

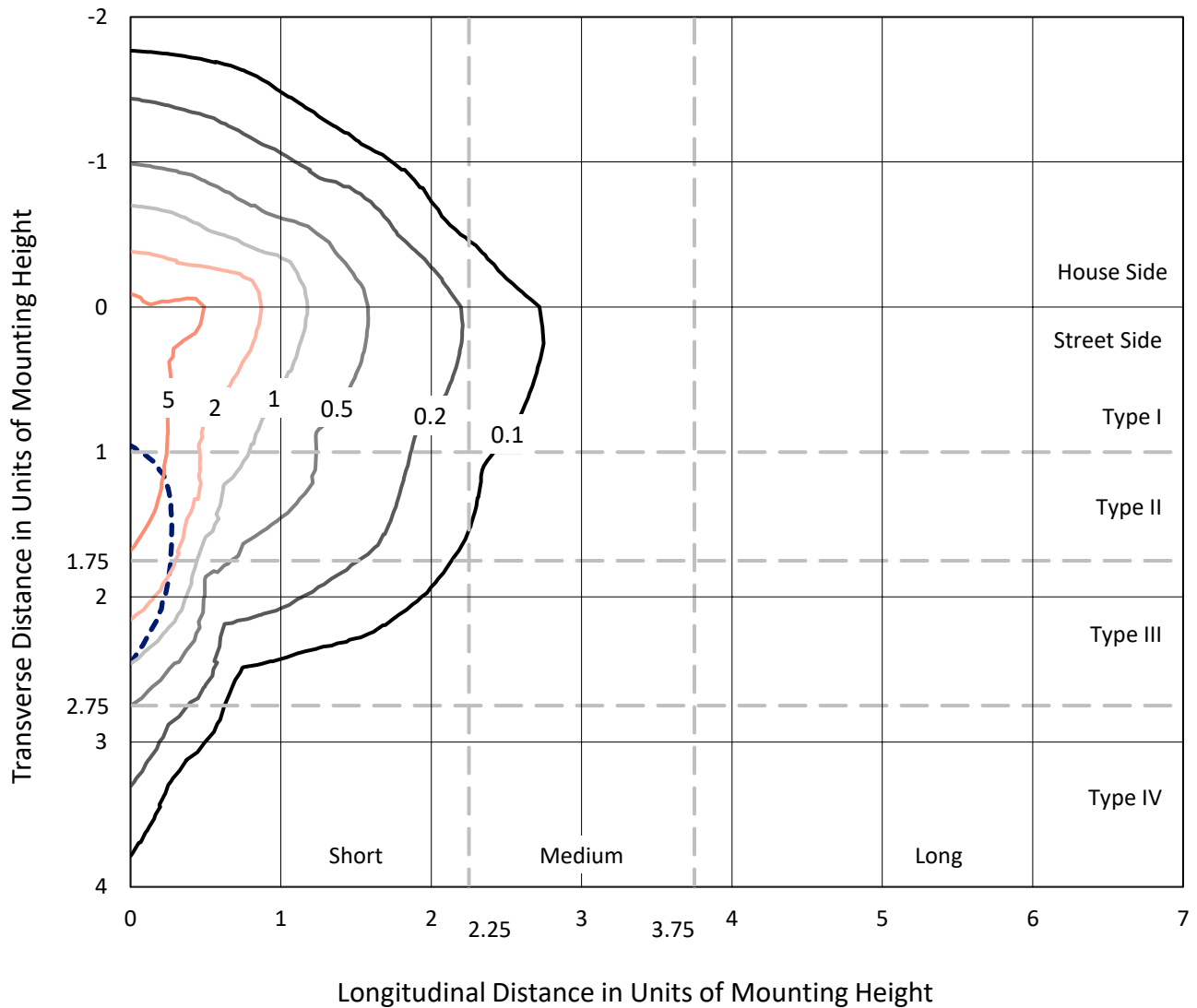
Lumens per Lamp: N/A  
Luminaire Lumens: 30892.5 lumens  
Efficiency: N/A  
Efficacy: 102.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): 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



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### Iso-Footcandle Lines of Horizontal Illumination

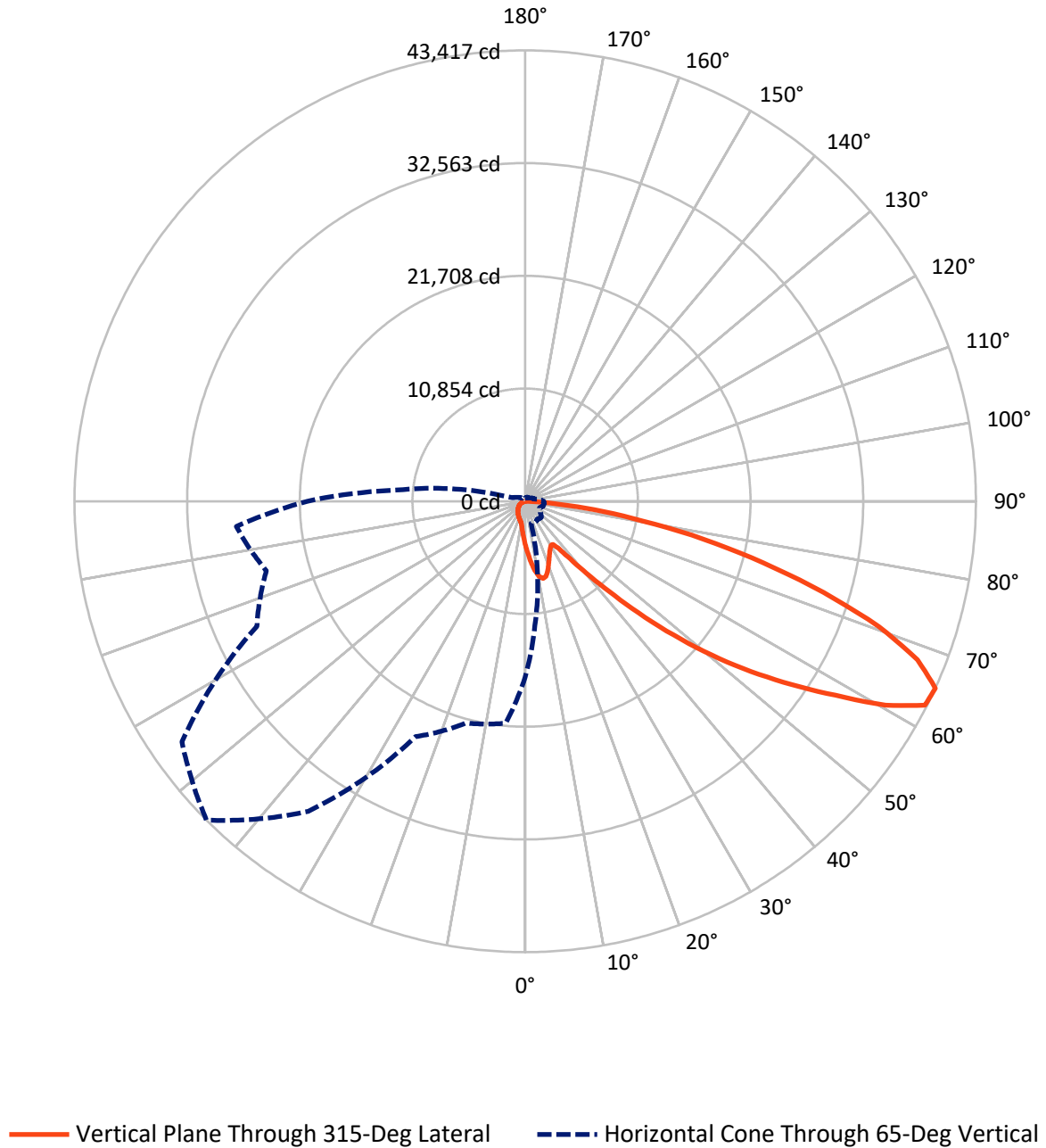
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.5 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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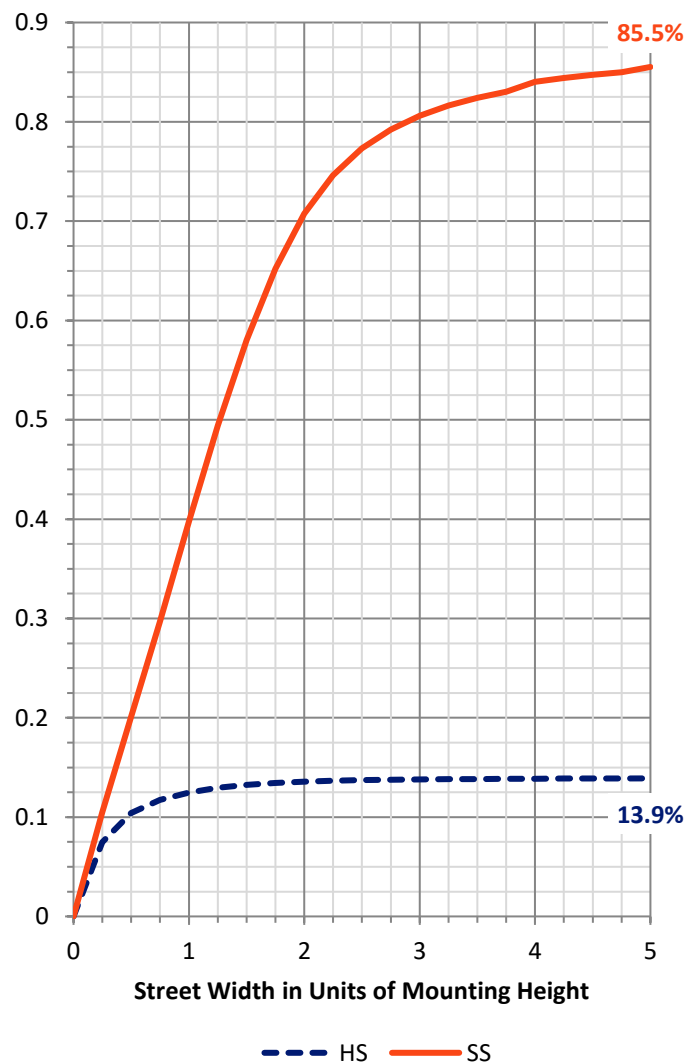
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4326.3   | 0.0    | 4326.3  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 26566.2  | 0.0    | 26566.2 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 30892.5  | 0.0    | 30892.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 421.1   | 1.4       |
| 10°-20°   | 1262.5  | 4.1       |
| 20°-30°   | 1859.9  | 6.0       |
| 30°-40°   | 2389.4  | 7.7       |
| 40°-50°   | 3864.4  | 12.5      |
| 50°-60°   | 6776.6  | 21.9      |
| 60°-70°   | 8479.4  | 27.4      |
| 70°-80°   | 4955.0  | 16.0      |
| 80°-90°   | 884.0   | 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°    | 30892.5 | 100.0     |
| 0°-180°   | 30892.5 | 100.0     |

**Coefficient of Utilization**



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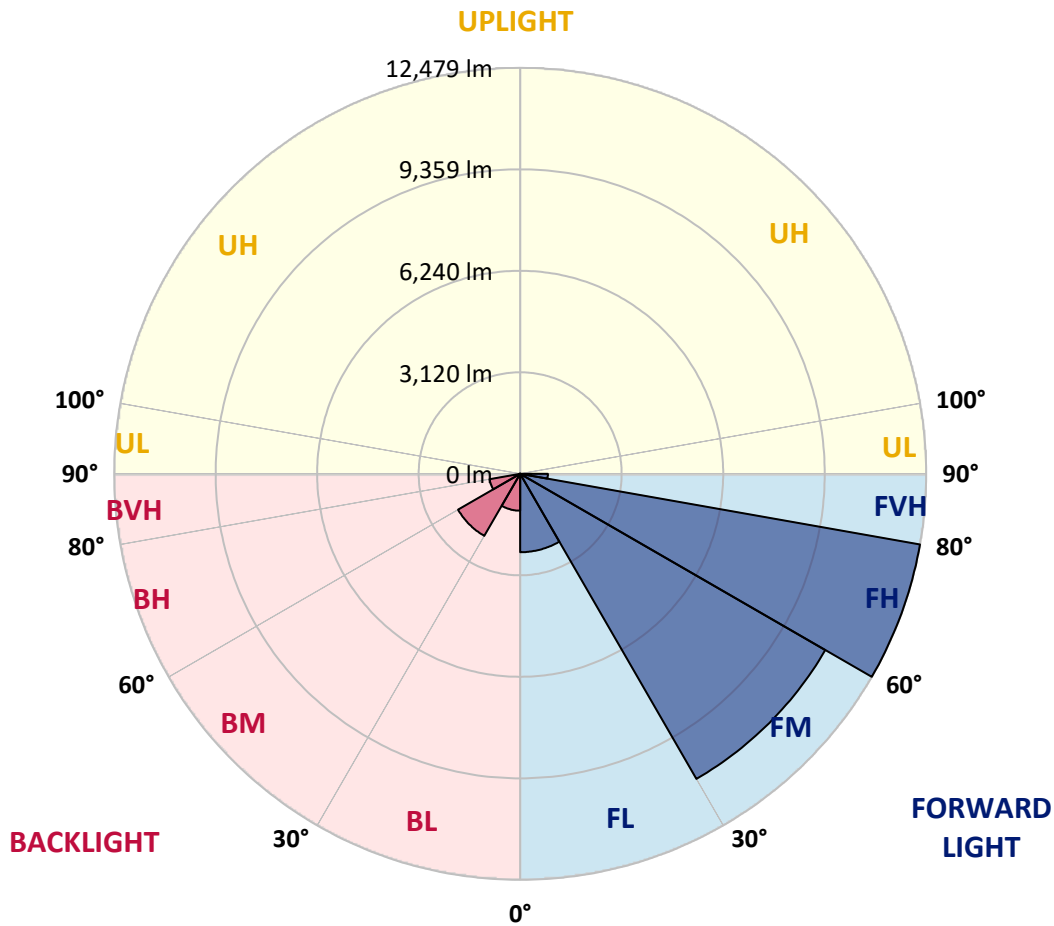
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 2409.5  | 7.8       |                         |      |         |
| FM (30°-60°)   | 10827.5 | 35.0      |                         |      |         |
| FH (60°-80°)   | 12479.2 | 40.4      |                         |      | G5      |
| FVH (80°-90°)  | 850.1   | 2.8       |                         |      | G5      |
| BL (0°-30°)    | 1134.0  | 3.7       | B3/2500                 |      |         |
| BM (30°-60°)   | 2203.0  | 7.1       | B2/2500                 |      |         |
| BH (60°-80°)   | 955.3   | 3.1       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 34.0    | 0.1       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: 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°    | 4277.6  | 4277.6  | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 |
| 2.5°  | 4833.1  | 4750.1  | 4701.2 | 4579.8 | 4458.5 | 4360.7 | 4228.6 | 4141.4 | 4037.2 | 3937.1 | 3847.7 |
| 5°    | 5386.4  | 5252.3  | 5090.6 | 4869.3 | 4667.0 | 4460.6 | 4260.6 | 4062.7 | 3854.1 | 3662.5 | 3545.6 |
| 7.5°  | 5854.6  | 5661.0  | 5375.7 | 5082.1 | 4824.6 | 4575.6 | 4341.5 | 4079.7 | 3826.4 | 3526.4 | 3366.7 |
| 10°   | 6212.1  | 5965.3  | 5590.7 | 5205.5 | 4909.6 | 4658.5 | 4430.9 | 4209.5 | 3954.1 | 3592.3 | 3392.3 |
| 12.5° | 6429.2  | 6165.3  | 5720.5 | 5269.3 | 4931.0 | 4650.0 | 4473.4 | 4375.5 | 4275.5 | 3915.8 | 3681.7 |
| 15°   | 6588.8  | 6303.6  | 5812.1 | 5314.0 | 4882.0 | 4537.3 | 4407.4 | 4505.3 | 4620.3 | 4390.4 | 4120.1 |
| 17.5° | 6754.9  | 6454.7  | 5931.2 | 5333.2 | 4750.1 | 4318.0 | 4262.8 | 4515.9 | 4782.0 | 4771.4 | 4503.2 |
| 20°   | 6912.3  | 6614.3  | 6035.5 | 5320.5 | 4537.3 | 4052.0 | 4101.0 | 4424.4 | 4733.0 | 4862.9 | 4718.2 |
| 22.5° | 7093.2  | 6778.2  | 6135.5 | 5271.5 | 4260.6 | 3803.1 | 3956.3 | 4279.8 | 4550.0 | 4703.2 | 4658.5 |
| 25°   | 7314.5  | 6984.7  | 6276.0 | 5199.1 | 3962.6 | 3596.6 | 3809.4 | 4111.6 | 4330.8 | 4437.2 | 4435.1 |
| 27.5° | 7552.9  | 7231.5  | 6463.2 | 5160.8 | 3722.2 | 3449.7 | 3643.5 | 3911.6 | 4107.4 | 4181.9 | 4181.9 |
| 30°   | 7848.7  | 7518.8  | 6684.5 | 5118.2 | 3564.6 | 3364.7 | 3471.1 | 3679.6 | 3871.1 | 3945.6 | 3945.6 |
| 32.5° | 8172.1  | 7838.1  | 6897.4 | 5016.1 | 3468.9 | 3300.8 | 3303.0 | 3434.9 | 3609.3 | 3698.7 | 3711.5 |
| 35°   | 8576.5  | 8221.1  | 7125.1 | 4792.6 | 3392.3 | 3226.3 | 3139.1 | 3202.9 | 3347.6 | 3454.0 | 3481.7 |
| 37.5° | 9153.2  | 8723.4  | 7403.9 | 4473.4 | 3279.5 | 3111.4 | 2966.7 | 2981.5 | 3092.2 | 3209.3 | 3251.8 |
| 40°   | 9949.2  | 9398.0  | 7731.7 | 4141.4 | 3117.7 | 2949.6 | 2777.2 | 2770.9 | 2851.8 | 2966.7 | 3013.5 |
| 42.5° | 11026.0 | 10289.7 | 8125.4 | 3824.3 | 2962.5 | 2753.9 | 2577.3 | 2566.6 | 2630.5 | 2730.4 | 2779.4 |
| 45°   | 12447.7 | 11430.4 | 8608.5 | 3551.9 | 2841.1 | 2562.3 | 2387.8 | 2383.5 | 2436.7 | 2524.0 | 2575.1 |
| 47.5° | 14267.3 | 13015.9 | 9091.5 | 3366.7 | 2777.2 | 2411.2 | 2232.4 | 2241.0 | 2287.8 | 2366.5 | 2402.7 |
| 50°   | 16623.1 | 15082.4 | 9238.4 | 3273.1 | 2777.2 | 2330.3 | 2094.1 | 2136.7 | 2174.9 | 2234.6 | 2255.8 |
| 52.5° | 19447.2 | 17065.7 | 8753.2 | 3188.0 | 2794.3 | 2341.0 | 1977.0 | 2068.6 | 2096.2 | 2147.3 | 2155.9 |
| 55°   | 22064.9 | 18038.4 | 7525.2 | 3070.9 | 2798.6 | 2407.0 | 1877.1 | 2013.2 | 2064.4 | 2083.5 | 2081.4 |
| 57.5° | 23584.3 | 17704.2 | 6084.4 | 2873.1 | 2781.5 | 2451.7 | 1813.2 | 1945.1 | 2043.0 | 2055.8 | 2036.7 |
| 60°   | 23295.0 | 16531.6 | 4479.8 | 2721.9 | 2656.0 | 2434.6 | 1794.1 | 1840.9 | 1996.2 | 2015.4 | 1989.8 |
| 62.5° | 21064.6 | 14565.1 | 3109.2 | 2604.8 | 2379.3 | 2360.2 | 1787.7 | 1677.0 | 1894.1 | 1940.9 | 1904.8 |
| 65°   | 16931.7 | 11466.6 | 2196.3 | 2243.1 | 2085.6 | 2198.4 | 1753.6 | 1506.7 | 1770.7 | 1834.4 | 1779.2 |
| 67.5° | 12283.8 | 7759.4  | 1585.5 | 1817.4 | 1889.8 | 1936.6 | 1677.0 | 1383.3 | 1630.2 | 1715.3 | 1643.0 |
| 70°   | 7882.8  | 4190.4  | 1113.0 | 1200.3 | 1591.8 | 1645.1 | 1545.1 | 1272.6 | 1487.6 | 1585.5 | 1506.7 |
| 72.5° | 5603.5  | 2475.1  | 800.2  | 840.6  | 1279.0 | 1370.5 | 1359.9 | 1149.2 | 1321.6 | 1440.7 | 1347.2 |
| 75°   | 3866.9  | 1364.2  | 540.6  | 600.1  | 927.9  | 1113.0 | 1049.2 | 987.5  | 1119.4 | 1240.8 | 1149.2 |
| 77.5° | 2424.0  | 610.8   | 323.5  | 417.1  | 608.6  | 874.6  | 719.3  | 764.0  | 872.6  | 985.3  | 889.6  |
| 80°   | 1349.3  | 236.3   | 180.9  | 276.6  | 332.0  | 636.3  | 398.0  | 491.6  | 642.7  | 723.5  | 647.0  |
| 82.5° | 293.7   | 29.8    | 80.9   | 119.2  | 129.9  | 370.3  | 210.6  | 285.2  | 404.4  | 398.0  | 344.8  |
| 85°   | 0.0     | 0.0     | 14.9   | 17.0   | 8.5    | 159.6  | 76.6   | 93.7   | 131.9  | 123.4  | 93.7   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.3    | 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°    | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 |
| 2.5°  | 3830.7 | 3726.4 | 3649.8 | 3611.5 | 3579.6 | 3609.3 | 3626.4 | 3626.4 | 3698.7 | 3741.4 | 3758.4 |
| 5°    | 3471.1 | 3283.8 | 3141.2 | 3045.4 | 2988.0 | 3007.1 | 3028.4 | 3051.8 | 3143.3 | 3205.1 | 3245.5 |
| 7.5°  | 3222.1 | 2934.8 | 2717.7 | 2583.6 | 2513.4 | 2524.0 | 2538.9 | 2558.1 | 2647.5 | 2709.2 | 2762.4 |
| 10°   | 3175.2 | 2762.4 | 2455.9 | 2279.3 | 2194.1 | 2179.3 | 2170.7 | 2164.4 | 2217.6 | 2264.3 | 2307.0 |
| 12.5° | 3366.7 | 2770.9 | 2343.1 | 2128.2 | 2023.9 | 1979.2 | 1928.1 | 1887.6 | 1896.1 | 1926.0 | 1979.2 |
| 15°   | 3709.4 | 2879.4 | 2307.0 | 2049.4 | 1919.6 | 1845.1 | 1785.6 | 1736.6 | 1725.9 | 1736.6 | 1745.1 |
| 17.5° | 4101.0 | 3026.2 | 2302.7 | 1981.3 | 1819.6 | 1743.0 | 1694.0 | 1649.3 | 1634.5 | 1636.5 | 1647.2 |
| 20°   | 4360.7 | 3143.3 | 2290.0 | 1904.8 | 1723.8 | 1655.7 | 1613.1 | 1568.5 | 1553.6 | 1557.8 | 1559.9 |
| 22.5° | 4386.2 | 3205.1 | 2270.8 | 1819.6 | 1628.0 | 1570.6 | 1528.1 | 1487.6 | 1485.4 | 1485.4 | 1498.2 |
| 25°   | 4247.8 | 3205.1 | 2230.3 | 1743.0 | 1536.6 | 1485.4 | 1447.2 | 1398.2 | 1406.7 | 1411.0 | 1428.0 |
| 27.5° | 4032.9 | 3128.4 | 2153.7 | 1681.2 | 1457.8 | 1404.6 | 1366.3 | 1321.6 | 1332.2 | 1338.6 | 1357.8 |
| 30°   | 3820.1 | 3030.5 | 2062.2 | 1611.0 | 1383.3 | 1321.6 | 1294.0 | 1255.6 | 1259.8 | 1268.4 | 1289.7 |
| 32.5° | 3622.1 | 2926.3 | 1953.6 | 1553.6 | 1308.8 | 1247.1 | 1225.8 | 1183.3 | 1189.6 | 1198.1 | 1221.6 |
| 35°   | 3426.4 | 2811.3 | 1825.9 | 1485.4 | 1240.8 | 1179.0 | 1161.9 | 1113.0 | 1117.2 | 1130.1 | 1155.6 |
| 37.5° | 3215.6 | 2690.0 | 1721.7 | 1417.4 | 1174.8 | 1110.9 | 1093.9 | 1042.8 | 1047.0 | 1062.0 | 1091.7 |
| 40°   | 2994.3 | 2570.8 | 1619.5 | 1345.0 | 1104.5 | 1040.7 | 1025.8 | 970.5  | 974.7  | 991.7  | 1023.7 |
| 42.5° | 2770.9 | 2441.0 | 1540.8 | 1251.3 | 1032.2 | 964.0  | 949.1  | 898.1  | 904.5  | 923.6  | 955.5  |
| 45°   | 2564.4 | 2285.6 | 1489.7 | 1147.1 | 964.0  | 887.4  | 872.6  | 825.7  | 838.4  | 859.8  | 891.7  |
| 47.5° | 2387.8 | 2126.1 | 1468.4 | 1059.8 | 891.7  | 808.7  | 795.9  | 757.6  | 778.9  | 802.4  | 827.9  |
| 50°   | 2236.8 | 1972.8 | 1440.7 | 970.5  | 823.6  | 740.6  | 727.9  | 702.3  | 730.0  | 753.4  | 776.7  |
| 52.5° | 2128.2 | 1798.3 | 1381.2 | 889.6  | 764.0  | 683.2  | 678.9  | 666.1  | 691.7  | 712.9  | 734.2  |
| 55°   | 2034.5 | 1617.4 | 1285.5 | 819.4  | 710.8  | 634.2  | 638.5  | 632.0  | 653.3  | 670.3  | 689.5  |
| 57.5° | 1949.4 | 1459.9 | 1164.1 | 764.0  | 653.3  | 591.6  | 604.4  | 595.9  | 606.5  | 617.2  | 640.6  |
| 60°   | 1847.3 | 1300.3 | 1019.4 | 702.3  | 585.3  | 549.1  | 564.0  | 540.6  | 538.4  | 542.6  | 549.1  |
| 62.5° | 1696.2 | 1085.4 | 868.3  | 625.7  | 525.6  | 502.2  | 508.6  | 463.9  | 429.9  | 429.9  | 436.2  |
| 65°   | 1485.4 | 872.6  | 727.9  | 540.6  | 457.6  | 438.4  | 434.2  | 370.3  | 323.5  | 319.2  | 338.4  |
| 67.5° | 1240.8 | 717.2  | 604.4  | 455.4  | 381.0  | 368.2  | 372.4  | 325.6  | 278.8  | 274.5  | 295.8  |
| 70°   | 1010.9 | 593.8  | 487.4  | 363.9  | 293.7  | 306.5  | 325.6  | 278.8  | 234.1  | 227.8  | 246.8  |
| 72.5° | 821.4  | 472.4  | 381.0  | 278.8  | 217.1  | 253.3  | 276.6  | 227.8  | 185.1  | 180.9  | 197.9  |
| 75°   | 634.2  | 346.9  | 272.4  | 189.4  | 157.4  | 195.8  | 217.1  | 165.9  | 131.9  | 125.6  | 140.4  |
| 77.5° | 423.5  | 214.9  | 153.2  | 119.2  | 93.7   | 134.1  | 144.7  | 87.2   | 76.6   | 74.5   | 85.2   |
| 80°   | 257.5  | 100.0  | 66.0   | 57.5   | 31.9   | 49.0   | 57.5   | 36.2   | 40.4   | 42.5   | 51.0   |
| 82.5° | 129.9  | 27.7   | 10.7   | 2.2    | 0.0    | 0.0    | 17.0   | 8.5    | 17.0   | 21.3   | 31.9   |
| 85°   | 10.7   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 4.3    | 10.7   | 19.2   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 8.5    |
| 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°    | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6 | 4277.6  | 4277.6  | 4277.6  | 4277.6  |
| 2.5°  | 3877.5 | 3967.0 | 4052.0 | 4188.3 | 4328.7 | 4467.1 | 4607.5 | 4743.7  | 4792.6  | 4828.8  | 4909.6  |
| 5°    | 3430.6 | 3598.8 | 3794.6 | 4064.8 | 4354.2 | 4652.2 | 4954.3 | 5231.1  | 5356.6  | 5441.7  | 5633.3  |
| 7.5°  | 2968.8 | 3188.0 | 3468.9 | 3875.4 | 4328.7 | 4803.3 | 5277.8 | 5714.2  | 5916.3  | 6080.2  | 6371.7  |
| 10°   | 2511.2 | 2749.6 | 3105.0 | 3568.9 | 4181.9 | 4862.9 | 5518.3 | 6118.5  | 6380.2  | 6586.6  | 6982.5  |
| 12.5° | 2109.0 | 2332.5 | 2704.9 | 3217.8 | 3952.0 | 4816.1 | 5656.7 | 6378.2  | 6686.7  | 6918.6  | 7352.8  |
| 15°   | 1825.9 | 1983.5 | 2313.3 | 2866.6 | 3679.6 | 4665.0 | 5665.2 | 6501.6  | 6839.9  | 7082.5  | 7459.2  |
| 17.5° | 1668.5 | 1721.7 | 1936.6 | 2509.1 | 3377.4 | 4467.1 | 5586.5 | 6544.1  | 6905.9  | 7131.5  | 7393.2  |
| 20°   | 1583.3 | 1591.8 | 1651.5 | 2045.2 | 2990.0 | 4281.8 | 5511.9 | 6586.6  | 6967.6  | 7157.1  | 7235.8  |
| 22.5° | 1515.3 | 1515.3 | 1530.1 | 1672.7 | 2489.9 | 4060.5 | 5488.6 | 6661.2  | 7052.7  | 7169.8  | 7008.0  |
| 25°   | 1453.6 | 1453.6 | 1457.8 | 1496.1 | 1972.8 | 3722.2 | 5473.6 | 6776.1  | 7169.8  | 7201.8  | 6756.9  |
| 27.5° | 1389.7 | 1391.8 | 1391.8 | 1413.1 | 1589.8 | 3262.5 | 5409.8 | 6925.1  | 7310.3  | 7244.3  | 6516.4  |
| 30°   | 1325.8 | 1330.1 | 1330.1 | 1345.0 | 1406.7 | 2724.0 | 5284.3 | 7103.9  | 7493.3  | 7299.6  | 6278.1  |
| 32.5° | 1262.0 | 1266.3 | 1266.3 | 1279.0 | 1323.7 | 2174.9 | 5126.7 | 7267.7  | 7678.5  | 7323.0  | 6056.7  |
| 35°   | 1196.1 | 1202.4 | 1198.1 | 1215.1 | 1262.0 | 1730.2 | 4926.7 | 7431.6  | 7878.5  | 7397.5  | 5948.3  |
| 37.5° | 1130.1 | 1134.3 | 1132.2 | 1149.2 | 1202.4 | 1493.9 | 4694.7 | 7555.0  | 8150.9  | 7563.5  | 6078.0  |
| 40°   | 1064.1 | 1062.0 | 1062.0 | 1081.1 | 1138.6 | 1425.9 | 4403.2 | 7750.7  | 8542.5  | 7855.1  | 6644.2  |
| 42.5° | 996.0  | 996.0  | 991.7  | 1013.0 | 1083.2 | 1374.8 | 4124.4 | 8101.9  | 9112.9  | 8319.0  | 7648.7  |
| 45°   | 934.3  | 932.1  | 923.6  | 942.8  | 1030.0 | 1285.5 | 4026.5 | 8757.4  | 9955.6  | 9070.2  | 8863.8  |
| 47.5° | 874.6  | 872.6  | 851.3  | 868.3  | 966.2  | 1204.6 | 4392.5 | 9830.1  | 11123.9 | 10174.8 | 10002.4 |
| 50°   | 821.4  | 823.6  | 783.2  | 798.1  | 902.3  | 1142.9 | 5186.4 | 11221.8 | 12675.4 | 11662.3 | 11081.4 |
| 52.5° | 772.5  | 772.5  | 719.3  | 727.9  | 823.6  | 1087.5 | 5941.8 | 12730.7 | 14722.7 | 13737.4 | 12339.2 |
| 55°   | 723.5  | 719.3  | 659.7  | 664.0  | 744.9  | 1008.7 | 6054.7 | 14203.4 | 17514.8 | 16859.3 | 14058.7 |
| 57.5° | 668.2  | 659.7  | 604.4  | 604.4  | 672.5  | 951.3  | 5248.1 | 15335.5 | 20979.5 | 21447.7 | 16538.0 |
| 60°   | 600.1  | 593.8  | 557.6  | 546.9  | 615.0  | 1002.3 | 3703.0 | 15467.6 | 23214.1 | 27549.1 | 21286.0 |
| 62.5° | 512.9  | 521.4  | 502.2  | 487.4  | 559.8  | 1040.7 | 2194.1 | 14405.6 | 22673.5 | 29490.1 | 26972.4 |
| 65°   | 404.4  | 438.4  | 434.2  | 423.5  | 615.0  | 876.8  | 1296.0 | 12366.8 | 21015.7 | 27923.7 | 25812.6 |
| 67.5° | 344.8  | 368.2  | 361.8  | 361.8  | 644.8  | 666.1  | 815.1  | 9661.9  | 18734.2 | 26065.9 | 23056.6 |
| 70°   | 293.7  | 317.1  | 293.7  | 293.7  | 487.4  | 404.4  | 564.0  | 6746.3  | 16272.0 | 24010.0 | 21247.6 |
| 72.5° | 242.6  | 266.0  | 240.5  | 223.4  | 389.5  | 302.2  | 412.9  | 4215.9  | 13935.3 | 21869.1 | 20009.0 |
| 75°   | 185.1  | 212.8  | 193.6  | 172.4  | 257.5  | 225.6  | 312.8  | 2449.5  | 11545.3 | 18710.9 | 18244.8 |
| 77.5° | 117.1  | 153.2  | 144.7  | 121.3  | 189.4  | 163.9  | 225.6  | 1457.8  | 8908.5  | 14620.5 | 15693.2 |
| 80°   | 72.4   | 78.7   | 80.9   | 76.6   | 108.5  | 110.7  | 153.2  | 829.9   | 6097.2  | 10189.6 | 12260.3 |
| 82.5° | 46.8   | 46.8   | 36.2   | 40.4   | 53.2   | 63.9   | 87.2   | 312.8   | 3583.8  | 6203.6  | 8533.9  |
| 85°   | 34.0   | 29.8   | 19.2   | 19.2   | 25.5   | 31.9   | 34.0   | 95.7    | 1453.6  | 2449.5  | 3337.0  |
| 87.5° | 17.0   | 14.9   | 6.4    | 8.5    | 12.8   | 10.7   | 8.5    | 4.3     | 366.0   | 783.2   | 549.1   |
| 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°    | 4277.6  | 4277.6  | 4277.6  | 4277.6  | 4277.6  | 4277.6  | 4277.6  | 4277.6  |
| 2.5°  | 4952.3  | 5018.2  | 5022.5  | 5022.5  | 4965.0  | 4962.8  | 4845.8  | 4833.1  |
| 5°    | 5831.2  | 5873.8  | 5884.4  | 5863.1  | 5748.2  | 5663.0  | 5435.4  | 5386.4  |
| 7.5°  | 6635.6  | 6720.7  | 6720.7  | 6669.7  | 6482.4  | 6307.8  | 5978.0  | 5854.6  |
| 10°   | 7278.3  | 7376.2  | 7355.0  | 7250.6  | 7014.5  | 6773.9  | 6373.9  | 6212.1  |
| 12.5° | 7591.2  | 7691.2  | 7635.8  | 7516.7  | 7286.8  | 7033.6  | 6612.2  | 6429.2  |
| 15°   | 7584.8  | 7557.1  | 7499.6  | 7484.8  | 7374.1  | 7182.6  | 6788.9  | 6588.8  |
| 17.5° | 7314.5  | 7080.4  | 7035.7  | 7184.7  | 7325.2  | 7278.3  | 6942.1  | 6754.9  |
| 20°   | 6886.8  | 6478.1  | 6437.7  | 6722.9  | 7122.9  | 7327.3  | 7084.7  | 6912.3  |
| 22.5° | 6435.6  | 5995.0  | 5901.4  | 6216.4  | 6818.6  | 7342.2  | 7265.6  | 7093.2  |
| 25°   | 6007.8  | 5565.1  | 5471.6  | 5765.2  | 6480.3  | 7316.7  | 7461.4  | 7314.5  |
| 27.5° | 5650.3  | 5222.5  | 5135.2  | 5428.9  | 6154.7  | 7244.3  | 7657.2  | 7552.9  |
| 30°   | 5373.7  | 4977.8  | 4914.0  | 5197.0  | 5873.8  | 7154.9  | 7906.1  | 7848.7  |
| 32.5° | 5211.9  | 4922.5  | 4945.8  | 5177.8  | 5722.7  | 7057.0  | 8144.5  | 8172.1  |
| 35°   | 5371.5  | 5384.2  | 5588.6  | 5684.3  | 5863.1  | 7042.2  | 8467.9  | 8576.5  |
| 37.5° | 6165.3  | 6608.0  | 7031.5  | 6952.7  | 6550.5  | 7214.5  | 8951.1  | 9153.2  |
| 40°   | 7516.7  | 8425.4  | 9112.9  | 8812.7  | 7799.7  | 7742.2  | 9647.0  | 9949.2  |
| 42.5° | 9168.1  | 10709.0 | 11841.1 | 11036.7 | 9410.7  | 8665.9  | 10640.8 | 11026.0 |
| 45°   | 10911.1 | 13524.5 | 15308.0 | 13635.2 | 11128.2 | 9959.8  | 12145.4 | 12447.7 |
| 47.5° | 12747.7 | 16946.6 | 19253.5 | 16516.7 | 12720.0 | 11432.5 | 14197.0 | 14267.3 |
| 50°   | 14756.7 | 20698.5 | 23275.8 | 19396.2 | 14256.6 | 13120.2 | 16704.0 | 16623.1 |
| 52.5° | 16670.0 | 24556.9 | 27212.9 | 22288.3 | 15605.8 | 15214.3 | 19613.2 | 19447.2 |
| 55°   | 18495.9 | 28413.2 | 31173.4 | 25067.7 | 16878.5 | 17980.9 | 23069.4 | 22064.9 |
| 57.5° | 20613.5 | 31880.0 | 35255.3 | 27859.8 | 18657.7 | 21573.3 | 26934.1 | 23584.3 |
| 60°   | 23744.0 | 35819.2 | 39871.3 | 31686.3 | 22041.4 | 25348.7 | 28319.5 | 23295.0 |
| 62.5° | 27740.7 | 39441.4 | 43227.3 | 35436.1 | 25440.1 | 26059.4 | 26278.6 | 21064.6 |
| 65°   | 28517.4 | 40358.6 | 43416.7 | 36438.5 | 25001.7 | 22105.3 | 21454.1 | 16931.7 |
| 67.5° | 26457.4 | 38700.7 | 40769.4 | 34572.1 | 22115.9 | 17082.9 | 16099.6 | 12283.8 |
| 70°   | 24146.2 | 35540.4 | 36155.4 | 31399.0 | 19451.4 | 12564.8 | 10872.8 | 7882.8  |
| 72.5° | 21777.6 | 31324.5 | 30051.9 | 27268.2 | 17095.6 | 9149.0  | 7842.3  | 5603.5  |
| 75°   | 18964.1 | 25780.6 | 23671.7 | 22656.5 | 14154.4 | 7180.4  | 5673.7  | 3866.9  |
| 77.5° | 15186.6 | 18146.9 | 17583.0 | 17561.6 | 10636.6 | 5246.0  | 3786.0  | 2424.0  |
| 80°   | 10713.2 | 11777.2 | 11489.9 | 13226.6 | 7135.7  | 3805.2  | 2279.3  | 1349.3  |
| 82.5° | 5186.4  | 6512.2  | 6684.5  | 7876.3  | 3471.1  | 2238.8  | 525.6   | 293.7   |
| 85°   | 2030.3  | 3141.2  | 2649.5  | 2990.0  | 974.7   | 623.5   | 12.8    | 0.0     |
| 87.5° | 227.8   | 363.9   | 334.2   | 263.9   | 119.2   | 25.5    | 0.0     | 0.0     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)