

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: P956580

Luminaire Tested: **GLAN-SB9A-940-U-SLR-HSS**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P956580  
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: GLAN-SB9A-940-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 90 CRI, 4000K, 350mA 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: 22596 lumens  
Efficiency: N/A  
Efficacy: 88.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4

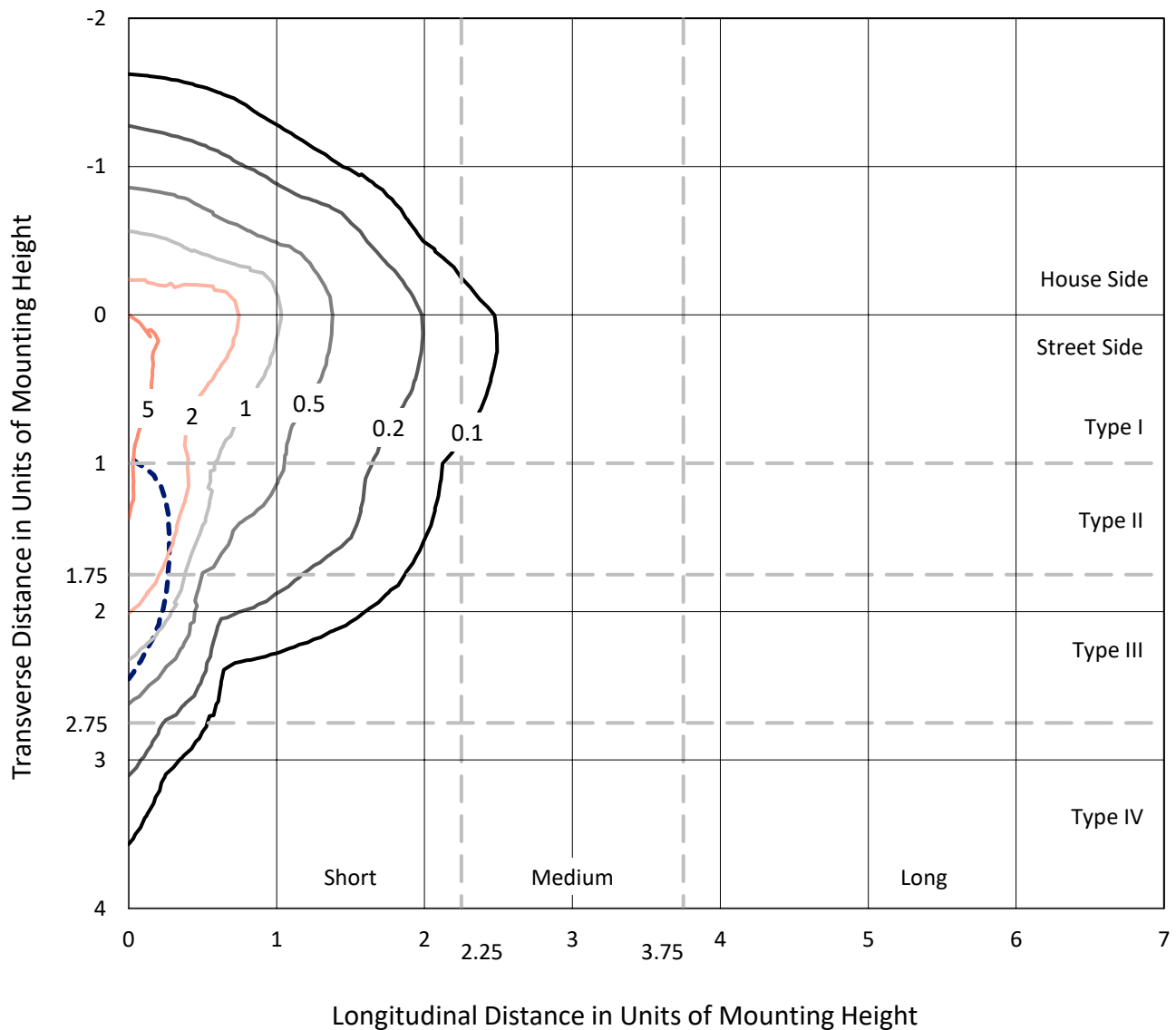
Input Watts (W): 255.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

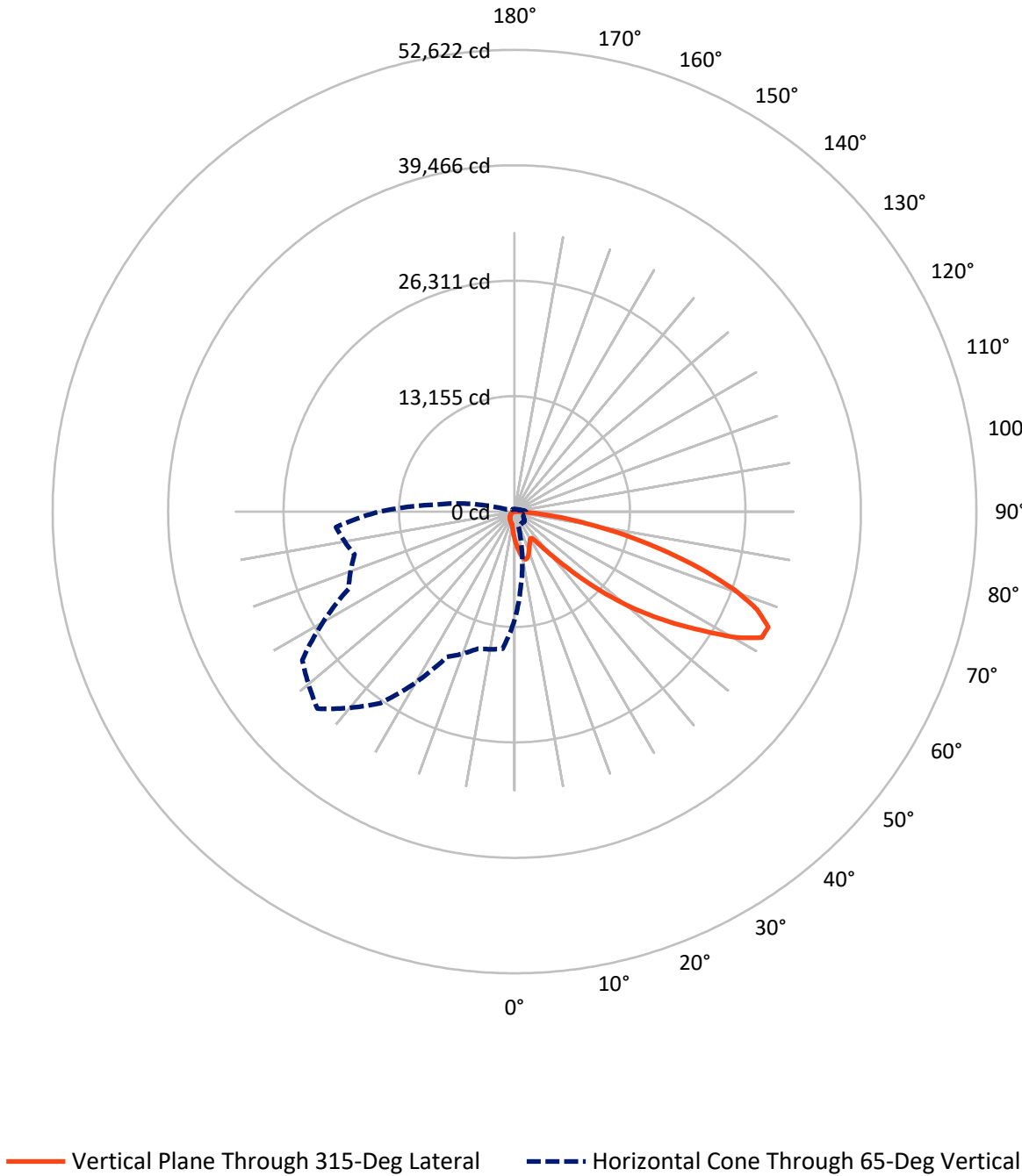
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7 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    | 3164.4   | 0.0    | 3164.4  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 19431.6  | 0.0    | 19431.6 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 22596.0  | 0.0    | 22596.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 308.0   | 1.4       |
| 10°-20°   | 923.4   | 4.1       |
| 20°-30°   | 1360.4  | 6.0       |
| 30°-40°   | 1747.7  | 7.7       |
| 40°-50°   | 2826.6  | 12.5      |
| 50°-60°   | 4956.7  | 21.9      |
| 60°-70°   | 6202.2  | 27.4      |
| 70°-80°   | 3624.3  | 16.0      |
| 80°-90°   | 646.6   | 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°    | 22596.0 | 100.0     |
| 0°-180°   | 22596.0 | 100.0     |

**Coefficient of Utilization**



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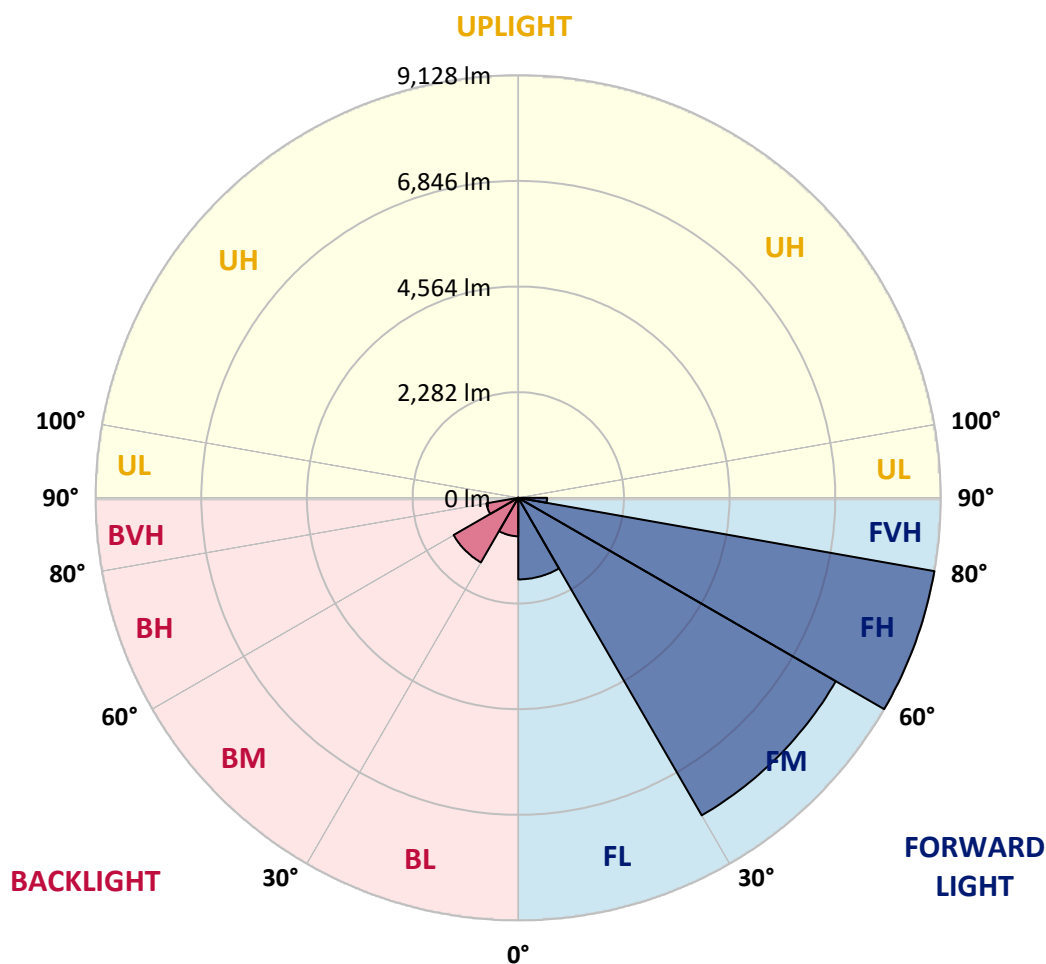
CATALOG NUMBER: GLAN-SB9A-940-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1762.4 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 7919.6 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 9127.8 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 621.8  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 829.4  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1611.4 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 698.7  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 24.8   | 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-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3128.8  | 3128.8  | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 |
| 2.5°  | 3535.1  | 3474.4  | 3438.6 | 3349.9 | 3261.1 | 3189.5 | 3093.0 | 3029.2 | 2952.9 | 2879.8 |
| 5°    | 3939.8  | 3841.8  | 3723.5 | 3561.6 | 3413.7 | 3262.7 | 3116.4 | 2971.6 | 2819.1 | 2679.0 |
| 7.5°  | 4282.3  | 4140.6  | 3932.0 | 3717.2 | 3528.9 | 3346.8 | 3175.5 | 2984.1 | 2798.8 | 2579.3 |
| 10°   | 4543.8  | 4363.2  | 4089.3 | 3807.5 | 3591.1 | 3407.5 | 3240.9 | 3079.0 | 2892.2 | 2627.6 |
| 12.5° | 4702.6  | 4509.6  | 4184.2 | 3854.2 | 3606.7 | 3401.2 | 3272.0 | 3200.4 | 3127.3 | 2864.2 |
| 15°   | 4819.3  | 4610.7  | 4251.2 | 3886.9 | 3570.9 | 3318.7 | 3223.8 | 3295.4 | 3379.4 | 3211.3 |
| 17.5° | 4940.7  | 4721.3  | 4338.3 | 3900.9 | 3474.4 | 3158.4 | 3117.9 | 3303.2 | 3497.7 | 3490.0 |
| 20°   | 5055.9  | 4838.0  | 4414.6 | 3891.6 | 3318.7 | 2963.8 | 2999.6 | 3236.2 | 3461.9 | 3556.9 |
| 22.5° | 5188.2  | 4957.9  | 4487.8 | 3855.8 | 3116.4 | 2781.7 | 2893.8 | 3130.4 | 3328.1 | 3440.1 |
| 25°   | 5350.1  | 5108.9  | 4590.5 | 3802.8 | 2898.4 | 2630.7 | 2786.4 | 3007.4 | 3167.7 | 3245.6 |
| 27.5° | 5524.5  | 5289.4  | 4727.5 | 3774.8 | 2722.5 | 2523.3 | 2664.9 | 2861.1 | 3004.3 | 3058.8 |
| 30°   | 5740.8  | 5499.6  | 4889.4 | 3743.7 | 2607.4 | 2461.0 | 2538.9 | 2691.4 | 2831.5 | 2886.0 |
| 32.5° | 5977.5  | 5733.1  | 5045.0 | 3669.0 | 2537.3 | 2414.3 | 2415.9 | 2512.4 | 2640.0 | 2705.4 |
| 35°   | 6273.2  | 6013.3  | 5211.6 | 3505.5 | 2481.3 | 2359.8 | 2296.0 | 2342.7 | 2448.6 | 2526.4 |
| 37.5° | 6695.1  | 6380.6  | 5415.5 | 3272.0 | 2398.8 | 2275.8 | 2169.9 | 2180.8 | 2261.8 | 2347.4 |
| 40°   | 7277.2  | 6874.1  | 5655.2 | 3029.2 | 2280.5 | 2157.5 | 2031.4 | 2026.7 | 2085.9 | 2169.9 |
| 42.5° | 8064.9  | 7526.3  | 5943.2 | 2797.3 | 2166.8 | 2014.3 | 1885.1 | 1877.3 | 1924.0 | 1997.2 |
| 45°   | 9104.7  | 8360.7  | 6296.6 | 2598.0 | 2078.1 | 1874.2 | 1746.5 | 1743.4 | 1782.3 | 1846.2 |
| 47.5° | 10435.6 | 9520.3  | 6649.9 | 2462.6 | 2031.4 | 1763.7 | 1632.9 | 1639.1 | 1673.4 | 1731.0 |
| 50°   | 12158.8 | 11031.8 | 6757.3 | 2394.1 | 2031.4 | 1704.5 | 1531.7 | 1562.9 | 1590.9 | 1634.5 |
| 52.5° | 14224.5 | 12482.6 | 6402.4 | 2331.8 | 2043.9 | 1712.3 | 1446.1 | 1513.0 | 1533.3 | 1570.6 |
| 55°   | 16139.1 | 13194.0 | 5504.2 | 2246.2 | 2047.0 | 1760.5 | 1372.9 | 1472.6 | 1509.9 | 1523.9 |
| 57.5° | 17250.6 | 12949.6 | 4450.4 | 2101.4 | 2034.5 | 1793.2 | 1326.2 | 1422.8 | 1494.4 | 1503.7 |
| 60°   | 17038.9 | 12091.9 | 3276.7 | 1990.9 | 1942.7 | 1780.8 | 1312.2 | 1346.5 | 1460.1 | 1474.1 |
| 62.5° | 15407.5 | 10653.6 | 2274.2 | 1905.3 | 1740.3 | 1726.3 | 1307.6 | 1226.6 | 1385.4 | 1419.6 |
| 65°   | 12384.5 | 8387.1  | 1606.4 | 1640.7 | 1525.5 | 1608.0 | 1282.7 | 1102.1 | 1295.1 | 1341.8 |
| 67.5° | 8984.9  | 5675.5  | 1159.7 | 1329.4 | 1382.3 | 1416.5 | 1226.6 | 1011.8 | 1192.4 | 1254.6 |
| 70°   | 5765.8  | 3065.0  | 814.1  | 877.9  | 1164.4 | 1203.3 | 1130.1 | 930.9  | 1088.1 | 1159.7 |
| 72.5° | 4098.6  | 1810.4  | 585.3  | 614.9  | 935.5  | 1002.5 | 994.7  | 840.6  | 966.7  | 1053.8 |
| 75°   | 2828.4  | 997.8   | 395.4  | 439.0  | 678.7  | 814.1  | 767.4  | 722.3  | 818.8  | 907.5  |
| 77.5° | 1773.0  | 446.8   | 236.6  | 305.1  | 445.2  | 639.8  | 526.1  | 558.8  | 638.2  | 720.7  |
| 80°   | 986.9   | 172.8   | 132.3  | 202.4  | 242.8  | 465.4  | 291.1  | 359.6  | 470.1  | 529.3  |
| 82.5° | 214.8   | 21.8    | 59.2   | 87.2   | 95.0   | 270.9  | 154.1  | 208.6  | 295.8  | 291.1  |
| 85°   | 0.0     | 0.0     | 10.9   | 12.5   | 6.2    | 116.7  | 56.0   | 68.5   | 96.5   | 90.3   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.1    |
| 90°   | 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):**

| 90°    |       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3128.8 | 0°    | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 |
| 2814.4 | 2.5°  | 2801.9 | 2725.7 | 2669.6 | 2641.6 | 2618.2 | 2640.0 | 2652.5 | 2652.5 | 2705.4 | 2736.6 |
| 2593.3 | 5°    | 2538.9 | 2401.9 | 2297.6 | 2227.5 | 2185.5 | 2199.5 | 2215.1 | 2232.2 | 2299.1 | 2344.3 |
| 2462.6 | 7.5°  | 2356.7 | 2146.6 | 1987.8 | 1889.7 | 1838.4 | 1846.2 | 1857.1 | 1871.1 | 1936.4 | 1981.6 |
| 2481.3 | 10°   | 2322.5 | 2020.5 | 1796.3 | 1667.1 | 1604.9 | 1594.0 | 1587.8 | 1583.1 | 1622.0 | 1656.3 |
| 2693.0 | 12.5° | 2462.6 | 2026.7 | 1713.8 | 1556.6 | 1480.4 | 1447.7 | 1410.3 | 1380.7 | 1387.0 | 1408.7 |
| 3013.6 | 15°   | 2713.2 | 2106.1 | 1687.4 | 1499.0 | 1404.1 | 1349.6 | 1306.0 | 1270.2 | 1262.4 | 1270.2 |
| 3293.8 | 17.5° | 2999.6 | 2213.5 | 1684.3 | 1449.2 | 1330.9 | 1274.9 | 1239.1 | 1206.4 | 1195.5 | 1197.0 |
| 3451.0 | 20°   | 3189.5 | 2299.1 | 1674.9 | 1393.2 | 1260.9 | 1211.1 | 1179.9 | 1147.2 | 1136.3 | 1139.5 |
| 3407.5 | 22.5° | 3208.2 | 2344.3 | 1660.9 | 1330.9 | 1190.8 | 1148.8 | 1117.7 | 1088.1 | 1086.5 | 1086.5 |
| 3244.0 | 25°   | 3107.0 | 2344.3 | 1631.3 | 1274.9 | 1123.9 | 1086.5 | 1058.5 | 1022.7 | 1028.9 | 1032.0 |
| 3058.8 | 27.5° | 2949.8 | 2288.2 | 1575.3 | 1229.7 | 1066.3 | 1027.4 | 999.4  | 966.7  | 974.4  | 979.1  |
| 2886.0 | 30°   | 2794.1 | 2216.6 | 1508.4 | 1178.4 | 1011.8 | 966.7  | 946.4  | 918.4  | 921.5  | 927.8  |
| 2714.8 | 32.5° | 2649.4 | 2140.4 | 1429.0 | 1136.3 | 957.3  | 912.2  | 896.6  | 865.5  | 870.2  | 876.4  |
| 2546.6 | 35°   | 2506.2 | 2056.3 | 1335.6 | 1086.5 | 907.5  | 862.4  | 849.9  | 814.1  | 817.2  | 826.6  |
| 2378.5 | 37.5° | 2352.1 | 1967.6 | 1259.3 | 1036.7 | 859.3  | 812.6  | 800.1  | 762.7  | 765.9  | 776.8  |
| 2204.2 | 40°   | 2190.2 | 1880.4 | 1184.6 | 983.8  | 807.9  | 761.2  | 750.3  | 709.8  | 712.9  | 725.4  |
| 2033.0 | 42.5° | 2026.7 | 1785.5 | 1127.0 | 915.3  | 755.0  | 705.2  | 694.3  | 656.9  | 661.6  | 675.6  |
| 1883.5 | 45°   | 1875.7 | 1671.8 | 1089.6 | 839.0  | 705.2  | 649.1  | 638.2  | 604.0  | 613.3  | 628.9  |
| 1757.4 | 47.5° | 1746.5 | 1555.1 | 1074.1 | 775.2  | 652.2  | 591.5  | 582.2  | 554.2  | 569.7  | 586.8  |
| 1650.0 | 50°   | 1636.0 | 1443.0 | 1053.8 | 709.8  | 602.4  | 541.7  | 532.4  | 513.7  | 533.9  | 551.0  |
| 1576.9 | 52.5° | 1556.6 | 1315.4 | 1010.3 | 650.7  | 558.8  | 499.7  | 496.6  | 487.2  | 505.9  | 521.5  |
| 1522.4 | 55°   | 1488.1 | 1183.0 | 940.2  | 599.3  | 519.9  | 463.9  | 467.0  | 462.3  | 477.9  | 490.3  |
| 1489.7 | 57.5° | 1425.9 | 1067.8 | 851.5  | 558.8  | 477.9  | 432.7  | 442.1  | 435.9  | 443.6  | 451.4  |
| 1455.4 | 60°   | 1351.2 | 951.1  | 745.6  | 513.7  | 428.1  | 401.6  | 412.5  | 395.4  | 393.8  | 396.9  |
| 1393.2 | 62.5° | 1240.6 | 793.9  | 635.1  | 457.6  | 384.5  | 367.4  | 372.0  | 339.3  | 314.4  | 314.4  |
| 1301.3 | 65°   | 1086.5 | 638.2  | 532.4  | 395.4  | 334.7  | 320.7  | 317.6  | 270.9  | 236.6  | 233.5  |
| 1201.7 | 67.5° | 907.5  | 524.6  | 442.1  | 333.1  | 278.6  | 269.3  | 272.4  | 238.2  | 203.9  | 200.8  |
| 1102.1 | 70°   | 739.4  | 434.3  | 356.5  | 266.2  | 214.8  | 224.2  | 238.2  | 203.9  | 171.2  | 166.6  |
| 985.3  | 72.5° | 600.9  | 345.6  | 278.6  | 203.9  | 158.8  | 185.2  | 202.4  | 166.6  | 135.4  | 132.3  |
| 840.6  | 75°   | 463.9  | 253.7  | 199.2  | 138.5  | 115.2  | 143.2  | 158.8  | 121.4  | 96.5   | 91.8   |
| 650.7  | 77.5° | 309.8  | 157.2  | 112.1  | 87.2   | 68.5   | 98.1   | 105.9  | 63.8   | 56.0   | 54.5   |
| 473.2  | 80°   | 188.4  | 73.2   | 48.3   | 42.0   | 23.3   | 35.8   | 42.0   | 26.5   | 29.6   | 31.1   |
| 252.2  | 82.5° | 95.0   | 20.2   | 7.8    | 1.6    | 0.0    | 0.0    | 12.5   | 6.2    | 12.5   | 15.6   |
| 68.5   | 85°   | 7.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.1    | 7.8    |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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    |

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**CANDELA DISTRIBUTION (continued):**

| 185°   |       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°    | 270°    | 275°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 3128.8 | 0°    | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8 | 3128.8  | 3128.8  | 3128.8  |
| 2749.0 | 2.5°  | 2836.2 | 2901.6 | 2963.8 | 3063.4 | 3166.2 | 3267.4 | 3370.1 | 3469.7  | 3505.5  | 3532.0  |
| 2373.9 | 5°    | 2509.3 | 2632.3 | 2775.5 | 2973.2 | 3184.9 | 3402.8 | 3623.8 | 3826.2  | 3918.0  | 3980.3  |
| 2020.5 | 7.5°  | 2171.5 | 2331.8 | 2537.3 | 2834.6 | 3166.2 | 3513.3 | 3860.4 | 4179.5  | 4327.4  | 4447.3  |
| 1687.4 | 10°   | 1836.8 | 2011.2 | 2271.1 | 2610.5 | 3058.8 | 3556.9 | 4036.3 | 4475.3  | 4666.8  | 4817.8  |
| 1447.7 | 12.5° | 1542.6 | 1706.1 | 1978.5 | 2353.6 | 2890.7 | 3522.6 | 4137.5 | 4665.2  | 4890.9  | 5060.6  |
| 1276.4 | 15°   | 1335.6 | 1450.8 | 1692.1 | 2096.8 | 2691.4 | 3412.1 | 4143.7 | 4755.5  | 5003.0  | 5180.5  |
| 1204.8 | 17.5° | 1220.4 | 1259.3 | 1416.5 | 1835.3 | 2470.4 | 3267.4 | 4086.1 | 4786.6  | 5051.3  | 5216.3  |
| 1141.0 | 20°   | 1158.1 | 1164.4 | 1207.9 | 1495.9 | 2187.1 | 3131.9 | 4031.7 | 4817.8  | 5096.4  | 5234.9  |
| 1095.9 | 22.5° | 1108.3 | 1108.3 | 1119.2 | 1223.5 | 1821.3 | 2970.0 | 4014.5 | 4872.2  | 5158.7  | 5244.3  |
| 1044.5 | 25°   | 1063.2 | 1063.2 | 1066.3 | 1094.3 | 1443.0 | 2722.5 | 4003.6 | 4956.3  | 5244.3  | 5267.6  |
| 993.1  | 27.5° | 1016.5 | 1018.0 | 1018.0 | 1033.6 | 1162.8 | 2386.3 | 3956.9 | 5065.3  | 5347.0  | 5298.8  |
| 943.3  | 30°   | 969.8  | 972.9  | 972.9  | 983.8  | 1028.9 | 1992.5 | 3865.1 | 5196.0  | 5480.9  | 5339.2  |
| 893.5  | 32.5° | 923.1  | 926.2  | 926.2  | 935.5  | 968.2  | 1590.9 | 3749.9 | 5315.9  | 5616.3  | 5356.4  |
| 845.2  | 35°   | 874.8  | 879.5  | 876.4  | 888.8  | 923.1  | 1265.5 | 3603.6 | 5435.7  | 5762.6  | 5410.8  |
| 798.6  | 37.5° | 826.6  | 829.7  | 828.1  | 840.6  | 879.5  | 1092.8 | 3433.9 | 5526.0  | 5961.9  | 5532.3  |
| 748.7  | 40°   | 778.3  | 776.8  | 776.8  | 790.8  | 832.8  | 1042.9 | 3220.7 | 5669.2  | 6248.3  | 5745.5  |
| 698.9  | 42.5° | 728.5  | 728.5  | 725.4  | 741.0  | 792.3  | 1005.6 | 3016.7 | 5926.1  | 6665.5  | 6084.9  |
| 652.2  | 45°   | 683.4  | 681.8  | 675.6  | 689.6  | 753.4  | 940.2  | 2945.1 | 6405.5  | 7281.9  | 6634.4  |
| 605.5  | 47.5° | 639.8  | 638.2  | 622.7  | 635.1  | 706.7  | 881.1  | 3212.9 | 7190.1  | 8136.5  | 7442.2  |
| 568.2  | 50°   | 600.9  | 602.4  | 572.8  | 583.7  | 660.0  | 835.9  | 3793.5 | 8208.1  | 9271.3  | 8530.3  |
| 537.0  | 52.5° | 565.1  | 565.1  | 526.1  | 532.4  | 602.4  | 795.4  | 4346.1 | 9311.8  | 10768.8 | 10048.0 |
| 504.3  | 55°   | 529.3  | 526.1  | 482.6  | 485.7  | 544.8  | 737.8  | 4428.6 | 10388.9 | 12811.1 | 12331.6 |
| 468.5  | 57.5° | 488.8  | 482.6  | 442.1  | 442.1  | 491.9  | 695.8  | 3838.6 | 11217.1 | 15345.2 | 15687.7 |
| 401.6  | 60°   | 439.0  | 434.3  | 407.8  | 400.1  | 449.9  | 733.2  | 2708.5 | 11313.6 | 16979.7 | 20150.6 |
| 319.1  | 62.5° | 375.1  | 381.4  | 367.4  | 356.5  | 409.4  | 761.2  | 1604.9 | 10536.8 | 16584.3 | 21570.2 |
| 247.5  | 65°   | 295.8  | 320.7  | 317.6  | 309.8  | 449.9  | 641.3  | 948.0  | 9045.6  | 15371.7 | 20424.5 |
| 216.4  | 67.5° | 252.2  | 269.3  | 264.6  | 264.6  | 471.7  | 487.2  | 596.2  | 7067.1  | 13703.0 | 19065.6 |
| 180.6  | 70°   | 214.8  | 231.9  | 214.8  | 214.8  | 356.5  | 295.8  | 412.5  | 4934.5  | 11902.0 | 17561.9 |
| 144.8  | 72.5° | 177.5  | 194.6  | 175.9  | 163.4  | 284.9  | 221.0  | 302.0  | 3083.7  | 10192.8 | 15995.9 |
| 102.7  | 75°   | 135.4  | 155.7  | 141.7  | 126.1  | 188.4  | 165.0  | 228.8  | 1791.7  | 8444.7  | 13685.9 |
| 62.3   | 77.5° | 85.6   | 112.1  | 105.9  | 88.7   | 138.5  | 119.9  | 165.0  | 1066.3  | 6516.0  | 10694.0 |
| 37.4   | 80°   | 52.9   | 57.6   | 59.2   | 56.0   | 79.4   | 80.9   | 112.1  | 607.1   | 4459.7  | 7453.1  |
| 23.3   | 82.5° | 34.2   | 34.2   | 26.5   | 29.6   | 38.9   | 46.7   | 63.8   | 228.8   | 2621.4  | 4537.6  |
| 14.0   | 85°   | 24.9   | 21.8   | 14.0   | 14.0   | 18.7   | 23.3   | 24.9   | 70.0    | 1063.2  | 1791.7  |
| 6.2    | 87.5° | 12.5   | 10.9   | 4.7    | 6.2    | 9.3    | 7.8    | 6.2    | 3.1     | 267.7   | 572.8   |
| 0.0    | 90°   | 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):**

| 285°    |       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3128.8  | 0°    | 3128.8  | 3128.8  | 3128.8  | 3128.8  | 3128.8  | 3128.8  | 3128.8  | 3128.8  |
| 3591.1  | 2.5°  | 3622.3  | 3670.5  | 3673.6  | 3673.6  | 3631.6  | 3630.1  | 3544.4  | 3535.1  |
| 4120.4  | 5°    | 4265.2  | 4296.3  | 4304.1  | 4288.5  | 4204.5  | 4142.2  | 3975.6  | 3939.8  |
| 4660.5  | 7.5°  | 4853.6  | 4915.8  | 4915.8  | 4878.5  | 4741.5  | 4613.8  | 4372.6  | 4282.3  |
| 5107.3  | 10°   | 5323.7  | 5395.3  | 5379.7  | 5303.4  | 5130.6  | 4954.7  | 4662.1  | 4543.8  |
| 5378.2  | 12.5° | 5552.5  | 5625.7  | 5585.2  | 5498.0  | 5329.9  | 5144.7  | 4836.4  | 4702.6  |
| 5456.0  | 15°   | 5547.8  | 5527.6  | 5485.6  | 5474.7  | 5393.7  | 5253.6  | 4965.6  | 4819.3  |
| 5407.7  | 17.5° | 5350.1  | 5178.9  | 5146.2  | 5255.2  | 5357.9  | 5323.7  | 5077.7  | 4940.7  |
| 5292.5  | 20°   | 5037.2  | 4738.4  | 4708.8  | 4917.4  | 5210.0  | 5359.5  | 5182.0  | 5055.9  |
| 5126.0  | 22.5° | 4707.2  | 4385.0  | 4316.5  | 4546.9  | 4987.4  | 5370.4  | 5314.3  | 5188.2  |
| 4942.3  | 25°   | 4394.4  | 4070.6  | 4002.1  | 4216.9  | 4739.9  | 5351.7  | 5457.5  | 5350.1  |
| 4766.4  | 27.5° | 4132.8  | 3820.0  | 3756.1  | 3971.0  | 4501.8  | 5298.8  | 5600.7  | 5524.5  |
| 4592.1  | 30°   | 3930.5  | 3641.0  | 3594.3  | 3801.3  | 4296.3  | 5233.4  | 5782.9  | 5740.8  |
| 4430.2  | 32.5° | 3812.2  | 3600.5  | 3617.6  | 3787.3  | 4185.8  | 5161.8  | 5957.2  | 5977.5  |
| 4350.8  | 35°   | 3928.9  | 3938.3  | 4087.7  | 4157.8  | 4288.5  | 5150.9  | 6193.8  | 6273.2  |
| 4445.7  | 37.5° | 4509.6  | 4833.3  | 5143.1  | 5085.5  | 4791.3  | 5277.0  | 6547.2  | 6695.1  |
| 4859.8  | 40°   | 5498.0  | 6162.7  | 6665.5  | 6446.0  | 5705.0  | 5663.0  | 7056.2  | 7277.2  |
| 5594.5  | 42.5° | 6706.0  | 7833.0  | 8661.1  | 8072.7  | 6883.4  | 6338.6  | 7783.1  | 8064.9  |
| 6483.4  | 45°   | 7980.8  | 9892.4  | 11196.8 | 9973.3  | 8139.6  | 7285.0  | 8883.7  | 9104.7  |
| 7316.2  | 47.5° | 9324.2  | 12395.4 | 14082.8 | 12081.0 | 9304.0  | 8362.2  | 10384.3 | 10435.6 |
| 8105.4  | 50°   | 10793.7 | 15139.8 | 17024.8 | 14187.1 | 10427.9 | 9596.6  | 12218.0 | 12158.8 |
| 9025.3  | 52.5° | 12193.1 | 17961.9 | 19904.6 | 16302.6 | 11414.8 | 11128.3 | 14345.9 | 14224.5 |
| 10283.1 | 55°   | 13528.7 | 20782.5 | 22801.5 | 18335.5 | 12345.6 | 13152.0 | 16873.9 | 16139.1 |
| 12096.6 | 57.5° | 15077.5 | 23318.3 | 25787.1 | 20377.8 | 13647.0 | 15779.5 | 19700.7 | 17250.6 |
| 15569.4 | 60°   | 17367.3 | 26199.6 | 29163.4 | 23176.6 | 16122.0 | 18541.0 | 20714.1 | 17038.9 |
| 19728.7 | 62.5° | 20290.7 | 28849.0 | 31618.2 | 25919.4 | 18607.9 | 19060.9 | 19221.2 | 15407.5 |
| 18880.3 | 65°   | 20858.8 | 29519.9 | 31756.8 | 26652.6 | 18287.3 | 16168.7 | 15692.4 | 12384.5 |
| 16864.5 | 67.5° | 19352.0 | 28307.3 | 29820.3 | 25287.4 | 16176.5 | 12495.1 | 11775.9 | 8984.9  |
| 15541.4 | 70°   | 17661.5 | 25995.7 | 26445.6 | 22966.5 | 14227.6 | 9190.3  | 7952.8  | 5765.8  |
| 14635.4 | 72.5° | 15929.0 | 22912.0 | 21981.1 | 19945.1 | 12504.4 | 6691.9  | 5736.2  | 4098.6  |
| 13345.0 | 75°   | 13871.1 | 18857.0 | 17314.4 | 16571.9 | 10353.1 | 5252.1  | 4150.0  | 2828.4  |
| 11478.6 | 77.5° | 11108.1 | 13273.4 | 12860.9 | 12845.3 | 7780.0  | 3837.1  | 2769.2  | 1773.0  |
| 8967.7  | 80°   | 7836.1  | 8614.4  | 8404.2  | 9674.4  | 5219.4  | 2783.3  | 1667.1  | 986.9   |
| 6242.1  | 82.5° | 3793.5  | 4763.3  | 4889.4  | 5761.1  | 2538.9  | 1637.6  | 384.5   | 214.8   |
| 2440.8  | 85°   | 1485.0  | 2297.6  | 1938.0  | 2187.1  | 712.9   | 456.1   | 9.3     | 0.0     |
| 401.6   | 87.5° | 166.6   | 266.2   | 244.4   | 193.0   | 87.2    | 18.7    | 0.0     | 0.0     |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)