

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: P946059

Luminaire Tested: **GLAN-SB1D-827-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P946059  
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-SB1D-827-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

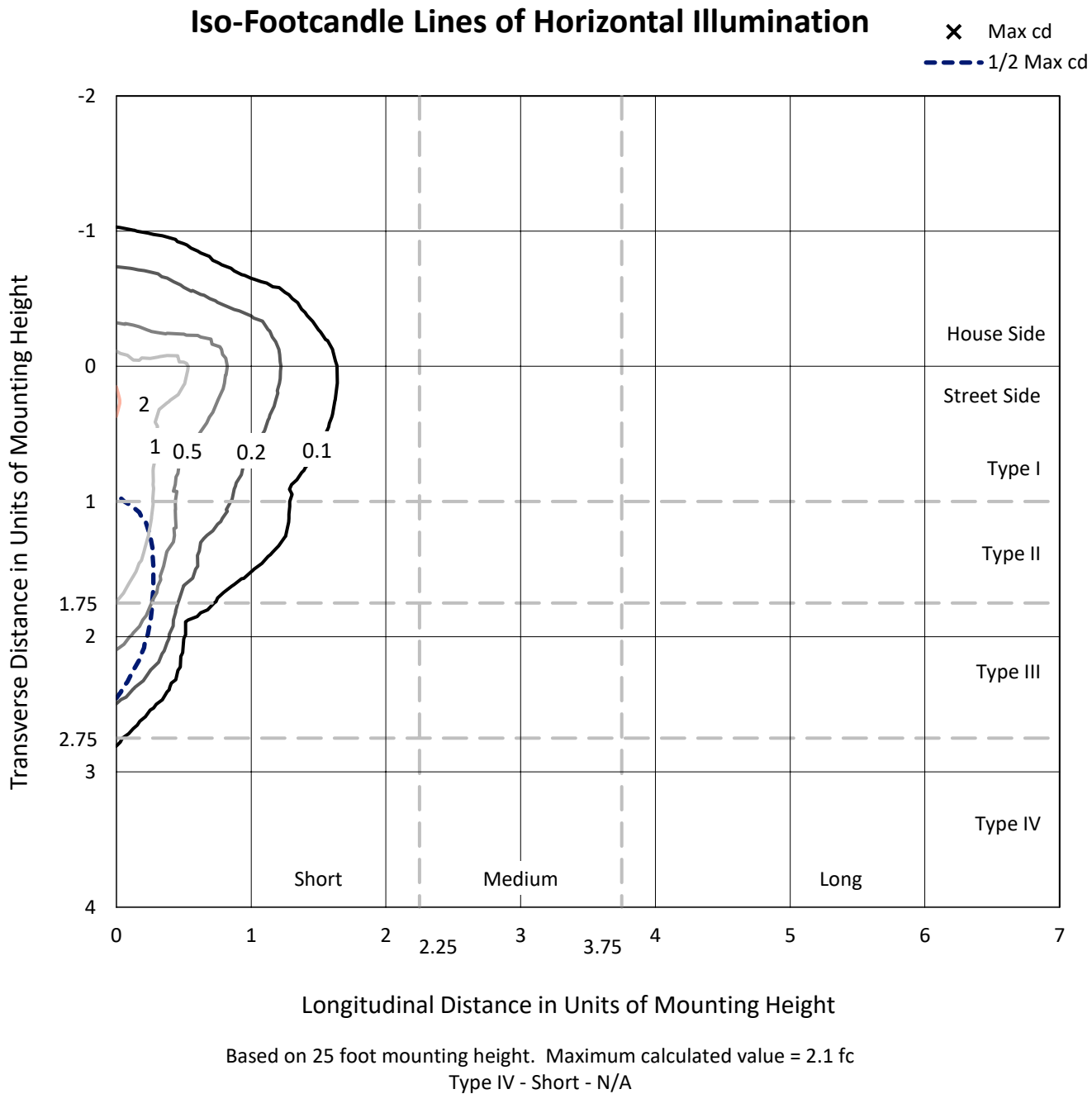
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 6755 lumens  
Efficiency: N/A  
Efficacy: 84.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

Input Watts (W): 79.6  
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

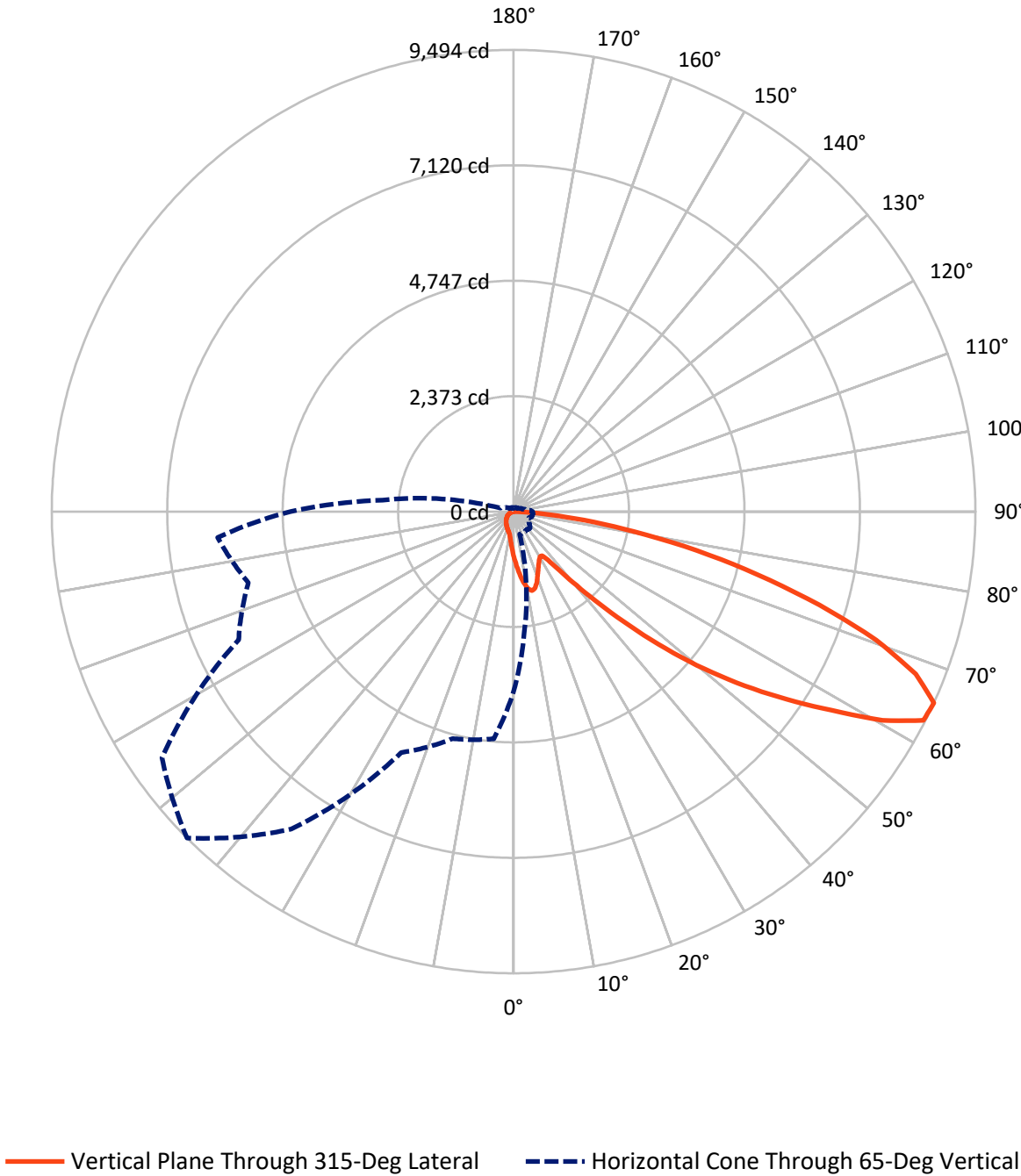


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Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 946.0    | 0.0    | 946.0  |
|                    | % Fixture | 14.0     | 0.0    | 14.0   |
| <b>Street Side</b> | Lumens    | 5809.0   | 0.0    | 5809.0 |
|                    | % Fixture | 86.0     | 0.0    | 86.0   |
| <b>Total</b>       | Lumens    | 6755.0   | 0.0    | 6755.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 92.1   | 1.4       |
| 10°-20°   | 276.1  | 4.1       |
| 20°-30°   | 406.7  | 6.0       |
| 30°-40°   | 522.5  | 7.7       |
| 40°-50°   | 845.0  | 12.5      |
| 50°-60°   | 1481.8 | 21.9      |
| 60°-70°   | 1854.1 | 27.4      |
| 70°-80°   | 1083.5 | 16.0      |
| 80°-90°   | 193.3  | 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°    | 6755.0 | 100.0     |
| 0°-180°   | 6755.0 | 100.0     |

**Coefficient of Utilization**



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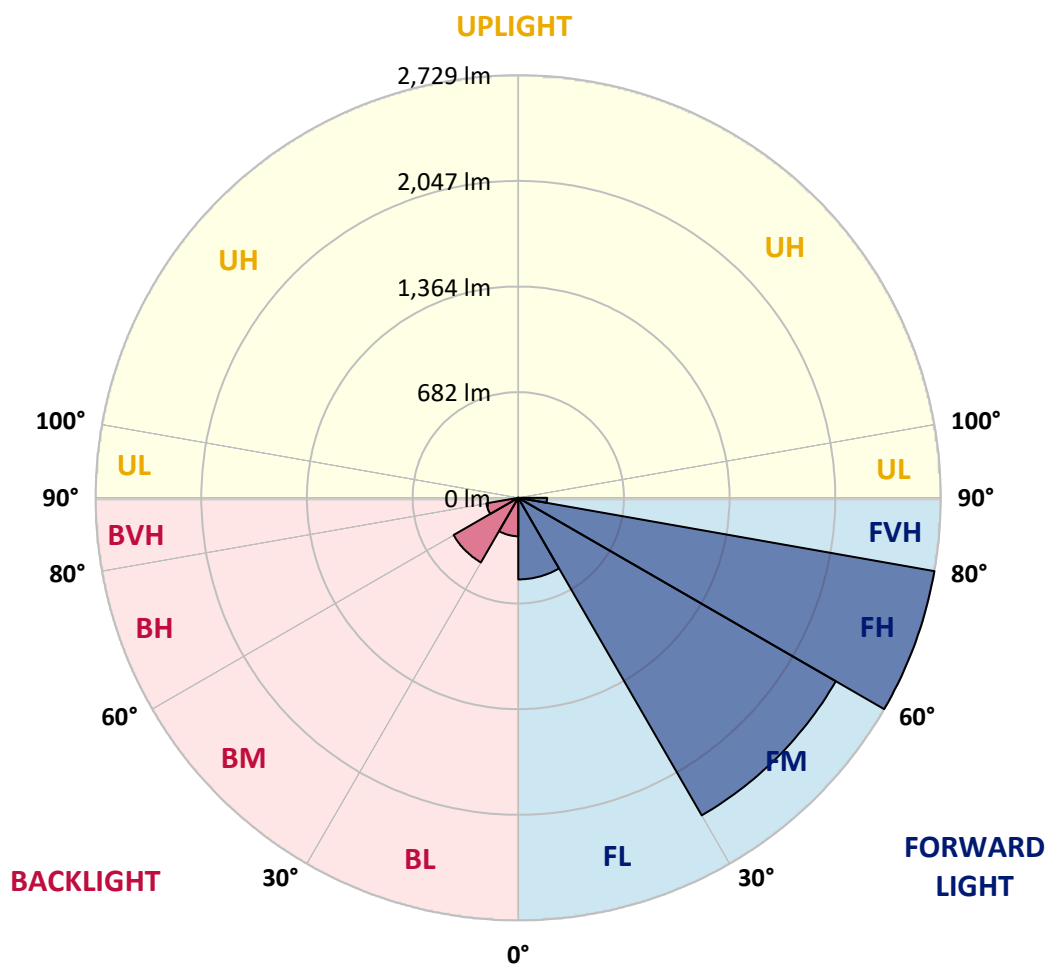
CATALOG NUMBER: GLAN-SB1D-827-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 526.9  | 7.8       |                         |      |         |
| FM   | (30°-60°)   | 2367.6 | 35.0      |                         |      |         |
| FH   | (60°-80°)   | 2728.7 | 40.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 185.9  | 2.8       |                         |      | G2/225  |
| BL   | (0°-30°)    | 248.0  | 3.7       | B1/500                  |      |         |
| BM   | (30°-60°)   | 481.7  | 7.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 208.9  | 3.1       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 7.4    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°   | 65°   | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| 0°    | 935.4  | 935.4  | 935.4  | 935.4  | 935.4  | 935.4  | 935.4 | 935.4 | 935.4  | 935.4  |
| 2.5°  | 1056.8 | 1038.7 | 1028.0 | 1001.4 | 974.9  | 953.5  | 924.6 | 905.6 | 882.8  | 860.9  |
| 5°    | 1177.8 | 1148.5 | 1113.1 | 1064.7 | 1020.5 | 975.4  | 931.6 | 888.4 | 842.7  | 800.9  |
| 7.5°  | 1280.2 | 1237.8 | 1175.5 | 1111.3 | 1054.9 | 1000.5 | 949.3 | 892.1 | 836.7  | 771.1  |
| 10°   | 1358.4 | 1304.4 | 1222.5 | 1138.2 | 1073.6 | 1018.6 | 968.9 | 920.5 | 864.6  | 785.5  |
| 12.5° | 1405.8 | 1348.1 | 1250.9 | 1152.2 | 1078.2 | 1016.8 | 978.2 | 956.8 | 934.9  | 856.2  |
| 15°   | 1440.7 | 1378.4 | 1270.9 | 1162.0 | 1067.5 | 992.1  | 963.7 | 985.1 | 1010.3 | 960.0  |
| 17.5° | 1477.0 | 1411.4 | 1296.9 | 1166.2 | 1038.7 | 944.2  | 932.1 | 987.5 | 1045.6 | 1043.3 |
| 20°   | 1511.5 | 1446.3 | 1319.7 | 1163.4 | 992.1  | 886.0  | 896.7 | 967.5 | 1034.9 | 1063.3 |
| 22.5° | 1551.0 | 1482.1 | 1341.6 | 1152.7 | 931.6  | 831.6  | 865.1 | 935.8 | 994.9  | 1028.4 |
| 25°   | 1599.4 | 1527.3 | 1372.3 | 1136.8 | 866.5  | 786.4  | 833.0 | 899.1 | 947.0  | 970.3  |
| 27.5° | 1651.5 | 1581.3 | 1413.3 | 1128.5 | 813.9  | 754.3  | 796.7 | 855.3 | 898.1  | 914.4  |
| 30°   | 1716.2 | 1644.1 | 1461.7 | 1119.2 | 779.5  | 735.7  | 759.0 | 804.6 | 846.5  | 862.8  |
| 32.5° | 1786.9 | 1713.9 | 1508.2 | 1096.8 | 758.5  | 721.8  | 722.2 | 751.1 | 789.2  | 808.8  |
| 35°   | 1875.4 | 1797.6 | 1558.0 | 1048.0 | 741.8  | 705.5  | 686.4 | 700.4 | 732.0  | 755.3  |
| 37.5° | 2001.5 | 1907.5 | 1618.9 | 978.2  | 717.1  | 680.3  | 648.7 | 652.0 | 676.2  | 701.7  |
| 40°   | 2175.5 | 2055.0 | 1690.6 | 905.6  | 681.7  | 645.0  | 607.3 | 605.9 | 623.6  | 648.7  |
| 42.5° | 2411.0 | 2250.0 | 1776.7 | 836.2  | 647.8  | 602.2  | 563.5 | 561.2 | 575.2  | 597.0  |
| 45°   | 2721.8 | 2499.4 | 1882.3 | 776.7  | 621.2  | 560.3  | 522.1 | 521.2 | 532.8  | 551.9  |
| 47.5° | 3119.7 | 2846.1 | 1988.0 | 736.2  | 607.3  | 527.2  | 488.2 | 490.0 | 500.3  | 517.5  |
| 50°   | 3634.8 | 3297.9 | 2020.1 | 715.7  | 607.3  | 509.6  | 457.9 | 467.2 | 475.6  | 488.6  |
| 52.5° | 4252.4 | 3731.6 | 1914.0 | 697.1  | 611.0  | 511.9  | 432.3 | 452.3 | 458.4  | 469.5  |
| 55°   | 4824.7 | 3944.3 | 1645.5 | 671.5  | 611.9  | 526.3  | 410.4 | 440.2 | 451.4  | 455.6  |
| 57.5° | 5157.0 | 3871.2 | 1330.4 | 628.2  | 608.2  | 536.1  | 396.5 | 425.3 | 446.7  | 449.5  |
| 60°   | 5093.7 | 3614.8 | 979.6  | 595.2  | 580.8  | 532.4  | 392.3 | 402.5 | 436.5  | 440.7  |
| 62.5° | 4606.0 | 3184.8 | 679.9  | 569.6  | 520.3  | 516.1  | 390.9 | 366.7 | 414.2  | 424.4  |
| 65°   | 3702.3 | 2507.3 | 480.2  | 490.5  | 456.0  | 480.7  | 383.4 | 329.5 | 387.2  | 401.1  |
| 67.5° | 2686.0 | 1696.7 | 346.7  | 397.4  | 413.2  | 423.5  | 366.7 | 302.5 | 356.5  | 375.1  |
| 70°   | 1723.7 | 916.3  | 243.4  | 262.5  | 348.1  | 359.7  | 337.8 | 278.3 | 325.3  | 346.7  |
| 72.5° | 1225.3 | 541.2  | 175.0  | 183.8  | 279.7  | 299.7  | 297.4 | 251.3 | 289.0  | 315.0  |
| 75°   | 845.5  | 298.3  | 118.2  | 131.2  | 202.9  | 243.4  | 229.4 | 215.9 | 244.8  | 271.3  |
| 77.5° | 530.0  | 133.6  | 70.7   | 91.2   | 133.1  | 191.3  | 157.3 | 167.1 | 190.8  | 215.5  |
| 80°   | 295.0  | 51.7   | 39.6   | 60.5   | 72.6   | 139.1  | 87.0  | 107.5 | 140.5  | 158.2  |
| 82.5° | 64.2   | 6.5    | 17.7   | 26.1   | 28.4   | 81.0   | 46.1  | 62.4  | 88.4   | 87.0   |
| 85°   | 0.0    | 0.0    | 3.3    | 3.7    | 1.9    | 34.9   | 16.8  | 20.5  | 28.9   | 27.0   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0    | 0.9    |
| 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°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 935.4  | 0°    | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |
| 841.4  | 2.5°  | 837.6 | 814.8 | 798.1 | 789.7 | 782.7 | 789.2 | 793.0 | 793.0 | 808.8 | 818.1 |
| 775.3  | 5°    | 759.0 | 718.0 | 686.9 | 665.9 | 653.3 | 657.5 | 662.2 | 667.3 | 687.3 | 700.8 |
| 736.2  | 7.5°  | 704.5 | 641.7 | 594.3 | 564.9 | 549.6 | 551.9 | 555.2 | 559.3 | 578.9 | 592.4 |
| 741.8  | 10°   | 694.3 | 604.0 | 537.0 | 498.4 | 479.8 | 476.5 | 474.7 | 473.3 | 484.9 | 495.1 |
| 805.1  | 12.5° | 736.2 | 605.9 | 512.3 | 465.3 | 442.5 | 432.8 | 421.6 | 412.8 | 414.6 | 421.1 |
| 900.9  | 15°   | 811.1 | 629.6 | 504.4 | 448.1 | 419.7 | 403.5 | 390.4 | 379.7 | 377.4 | 379.7 |
| 984.7  | 17.5° | 896.7 | 661.7 | 503.5 | 433.2 | 397.9 | 381.1 | 370.4 | 360.6 | 357.4 | 357.9 |
| 1031.7 | 20°   | 953.5 | 687.3 | 500.7 | 416.5 | 376.9 | 362.0 | 352.7 | 343.0 | 339.7 | 340.6 |
| 1018.6 | 22.5° | 959.1 | 700.8 | 496.5 | 397.9 | 356.0 | 343.4 | 334.1 | 325.3 | 324.8 | 324.8 |
| 969.8  | 25°   | 928.8 | 700.8 | 487.7 | 381.1 | 336.0 | 324.8 | 316.4 | 305.7 | 307.6 | 308.5 |
| 914.4  | 27.5° | 881.8 | 684.1 | 470.9 | 367.6 | 318.8 | 307.1 | 298.8 | 289.0 | 291.3 | 292.7 |
| 862.8  | 30°   | 835.3 | 662.7 | 450.9 | 352.3 | 302.5 | 289.0 | 282.9 | 274.6 | 275.5 | 277.3 |
| 811.6  | 32.5° | 792.0 | 639.9 | 427.2 | 339.7 | 286.2 | 272.7 | 268.0 | 258.7 | 260.1 | 262.0 |
| 761.3  | 35°   | 749.2 | 614.7 | 399.3 | 324.8 | 271.3 | 257.8 | 254.1 | 243.4 | 244.3 | 247.1 |
| 711.1  | 37.5° | 703.1 | 588.2 | 376.5 | 309.9 | 256.9 | 242.9 | 239.2 | 228.0 | 229.0 | 232.2 |
| 658.9  | 40°   | 654.7 | 562.1 | 354.1 | 294.1 | 241.5 | 227.6 | 224.3 | 212.2 | 213.1 | 216.9 |
| 607.7  | 42.5° | 605.9 | 533.8 | 336.9 | 273.6 | 225.7 | 210.8 | 207.5 | 196.4 | 197.8 | 202.0 |
| 563.1  | 45°   | 560.7 | 499.8 | 325.7 | 250.8 | 210.8 | 194.1 | 190.8 | 180.6 | 183.3 | 188.0 |
| 525.4  | 47.5° | 522.1 | 464.9 | 321.1 | 231.7 | 195.0 | 176.8 | 174.0 | 165.7 | 170.3 | 175.4 |
| 493.3  | 50°   | 489.1 | 431.4 | 315.0 | 212.2 | 180.1 | 161.9 | 159.1 | 153.6 | 159.6 | 164.7 |
| 471.4  | 52.5° | 465.3 | 393.2 | 302.0 | 194.5 | 167.1 | 149.4 | 148.4 | 145.7 | 151.2 | 155.9 |
| 455.1  | 55°   | 444.9 | 353.7 | 281.1 | 179.2 | 155.4 | 138.7 | 139.6 | 138.2 | 142.9 | 146.6 |
| 445.3  | 57.5° | 426.3 | 319.2 | 254.5 | 167.1 | 142.9 | 129.4 | 132.2 | 130.3 | 132.6 | 135.0 |
| 435.1  | 60°   | 403.9 | 284.3 | 222.9 | 153.6 | 128.0 | 120.1 | 123.3 | 118.2 | 117.7 | 118.7 |
| 416.5  | 62.5° | 370.9 | 237.3 | 189.9 | 136.8 | 114.9 | 109.8 | 111.2 | 101.4 | 94.0  | 94.0  |
| 389.0  | 65°   | 324.8 | 190.8 | 159.1 | 118.2 | 100.1 | 95.9  | 94.9  | 81.0  | 70.7  | 69.8  |
| 359.2  | 67.5° | 271.3 | 156.8 | 132.2 | 99.6  | 83.3  | 80.5  | 81.4  | 71.2  | 61.0  | 60.0  |
| 329.5  | 70°   | 221.0 | 129.8 | 106.6 | 79.6  | 64.2  | 67.0  | 71.2  | 61.0  | 51.2  | 49.8  |
| 294.6  | 72.5° | 179.6 | 103.3 | 83.3  | 61.0  | 47.5  | 55.4  | 60.5  | 49.8  | 40.5  | 39.6  |
| 251.3  | 75°   | 138.7 | 75.9  | 59.6  | 41.4  | 34.4  | 42.8  | 47.5  | 36.3  | 28.9  | 27.5  |
| 194.5  | 77.5° | 92.6  | 47.0  | 33.5  | 26.1  | 20.5  | 29.3  | 31.6  | 19.1  | 16.8  | 16.3  |
| 141.5  | 80°   | 56.3  | 21.9  | 14.4  | 12.6  | 7.0   | 10.7  | 12.6  | 7.9   | 8.8   | 9.3   |
| 75.4   | 82.5° | 28.4  | 6.0   | 2.3   | 0.5   | 0.0   | 0.0   | 3.7   | 1.9   | 3.7   | 4.7   |
| 20.5   | 85°   | 2.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.9   | 2.3   |
| 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°   |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 935.4 | 0°    | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4  | 935.4  | 935.4  | 935.4  | 935.4  |
| 821.8 | 2.5°  | 847.9 | 867.4 | 886.0 | 915.8 | 946.5 | 976.8  | 1007.5 | 1037.3 | 1048.0 | 1055.9 |
| 709.7 | 5°    | 750.1 | 786.9 | 829.7 | 888.8 | 952.1 | 1017.3 | 1083.3 | 1143.8 | 1171.3 | 1189.9 |
| 604.0 | 7.5°  | 649.2 | 697.1 | 758.5 | 847.4 | 946.5 | 1050.3 | 1154.1 | 1249.5 | 1293.7 | 1329.5 |
| 504.4 | 10°   | 549.1 | 601.2 | 678.9 | 780.4 | 914.4 | 1063.3 | 1206.6 | 1337.9 | 1395.1 | 1440.3 |
| 432.8 | 12.5° | 461.2 | 510.0 | 591.5 | 703.6 | 864.2 | 1053.1 | 1236.9 | 1394.7 | 1462.1 | 1512.8 |
| 381.6 | 15°   | 399.3 | 433.7 | 505.8 | 626.8 | 804.6 | 1020.0 | 1238.8 | 1421.6 | 1495.6 | 1548.7 |
| 360.2 | 17.5° | 364.8 | 376.5 | 423.5 | 548.6 | 738.5 | 976.8  | 1221.5 | 1430.9 | 1510.1 | 1559.4 |
| 341.1 | 20°   | 346.2 | 348.1 | 361.1 | 447.2 | 653.8 | 936.3  | 1205.3 | 1440.3 | 1523.6 | 1565.0 |
| 327.6 | 22.5° | 331.3 | 331.3 | 334.6 | 365.8 | 544.5 | 887.9  | 1200.1 | 1456.5 | 1542.2 | 1567.8 |
| 312.2 | 25°   | 317.8 | 317.8 | 318.8 | 327.1 | 431.4 | 813.9  | 1196.9 | 1481.7 | 1567.8 | 1574.7 |
| 296.9 | 27.5° | 303.9 | 304.3 | 304.3 | 309.0 | 347.6 | 713.4  | 1182.9 | 1514.2 | 1598.5 | 1584.0 |
| 282.0 | 30°   | 289.9 | 290.8 | 290.8 | 294.1 | 307.6 | 595.6  | 1155.5 | 1553.3 | 1638.5 | 1596.1 |
| 267.1 | 32.5° | 276.0 | 276.9 | 276.9 | 279.7 | 289.4 | 475.6  | 1121.0 | 1589.2 | 1679.0 | 1601.3 |
| 252.7 | 35°   | 261.5 | 262.9 | 262.0 | 265.7 | 276.0 | 378.3  | 1077.3 | 1625.0 | 1722.7 | 1617.6 |
| 238.7 | 37.5° | 247.1 | 248.0 | 247.6 | 251.3 | 262.9 | 326.7  | 1026.6 | 1652.0 | 1782.3 | 1653.9 |
| 223.8 | 40°   | 232.7 | 232.2 | 232.2 | 236.4 | 249.0 | 311.8  | 962.8  | 1694.8 | 1867.9 | 1717.6 |
| 208.9 | 42.5° | 217.8 | 217.8 | 216.9 | 221.5 | 236.9 | 300.6  | 901.8  | 1771.6 | 1992.6 | 1819.0 |
| 195.0 | 45°   | 204.3 | 203.8 | 202.0 | 206.1 | 225.2 | 281.1  | 880.4  | 1914.9 | 2176.9 | 1983.3 |
| 181.0 | 47.5° | 191.3 | 190.8 | 186.1 | 189.9 | 211.3 | 263.4  | 960.5  | 2149.4 | 2432.4 | 2224.8 |
| 169.9 | 50°   | 179.6 | 180.1 | 171.2 | 174.5 | 197.3 | 249.9  | 1134.1 | 2453.8 | 2771.6 | 2550.1 |
| 160.5 | 52.5° | 168.9 | 168.9 | 157.3 | 159.1 | 180.1 | 237.8  | 1299.3 | 2783.7 | 3219.3 | 3003.8 |
| 150.8 | 55°   | 158.2 | 157.3 | 144.3 | 145.2 | 162.9 | 220.6  | 1323.9 | 3105.7 | 3829.8 | 3686.5 |
| 140.1 | 57.5° | 146.1 | 144.3 | 132.2 | 132.2 | 147.1 | 208.0  | 1147.6 | 3353.3 | 4587.4 | 4689.8 |
| 120.1 | 60°   | 131.2 | 129.8 | 121.9 | 119.6 | 134.5 | 219.2  | 809.7  | 3382.2 | 5076.0 | 6023.9 |
| 95.4  | 62.5° | 112.1 | 114.0 | 109.8 | 106.6 | 122.4 | 227.6  | 479.8  | 3149.9 | 4957.8 | 6448.3 |
| 74.0  | 65°   | 88.4  | 95.9  | 94.9  | 92.6  | 134.5 | 191.7  | 283.4  | 2704.1 | 4595.3 | 6105.8 |
| 64.7  | 67.5° | 75.4  | 80.5  | 79.1  | 79.1  | 141.0 | 145.7  | 178.2  | 2112.7 | 4096.5 | 5699.6 |
| 54.0  | 70°   | 64.2  | 69.3  | 64.2  | 64.2  | 106.6 | 88.4   | 123.3  | 1475.2 | 3558.1 | 5250.1 |
| 43.3  | 72.5° | 53.0  | 58.2  | 52.6  | 48.9  | 85.2  | 66.1   | 90.3   | 921.9  | 3047.1 | 4781.9 |
| 30.7  | 75°   | 40.5  | 46.5  | 42.3  | 37.7  | 56.3  | 49.3   | 68.4   | 535.6  | 2524.5 | 4091.3 |
| 18.6  | 77.5° | 25.6  | 33.5  | 31.6  | 26.5  | 41.4  | 35.8   | 49.3   | 318.8  | 1948.0 | 3196.9 |
| 11.2  | 80°   | 15.8  | 17.2  | 17.7  | 16.8  | 23.7  | 24.2   | 33.5   | 181.5  | 1333.2 | 2228.1 |
| 7.0   | 82.5° | 10.2  | 10.2  | 7.9   | 8.8   | 11.6  | 14.0   | 19.1   | 68.4   | 783.6  | 1356.5 |
| 4.2   | 85°   | 7.4   | 6.5   | 4.2   | 4.2   | 5.6   | 7.0    | 7.4    | 20.9   | 317.8  | 535.6  |
| 1.9   | 87.5° | 3.7   | 3.3   | 1.4   | 1.9   | 2.8   | 2.3    | 1.9    | 0.9    | 80.0   | 171.2  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 935.4  | 0°    | 935.4  | 935.4  | 935.4  | 935.4  | 935.4  | 935.4  | 935.4  | 935.4  |
| 1073.6 | 2.5°  | 1082.9 | 1097.3 | 1098.2 | 1098.2 | 1085.7 | 1085.2 | 1059.6 | 1056.8 |
| 1231.8 | 5°    | 1275.1 | 1284.4 | 1286.7 | 1282.0 | 1256.9 | 1238.3 | 1188.5 | 1177.8 |
| 1393.3 | 7.5°  | 1451.0 | 1469.6 | 1469.6 | 1458.4 | 1417.5 | 1379.3 | 1307.2 | 1280.2 |
| 1526.8 | 10°   | 1591.5 | 1612.9 | 1608.2 | 1585.4 | 1533.8 | 1481.2 | 1393.7 | 1358.4 |
| 1607.8 | 12.5° | 1659.9 | 1681.8 | 1669.7 | 1643.6 | 1593.4 | 1538.0 | 1445.8 | 1405.8 |
| 1631.0 | 15°   | 1658.5 | 1652.5 | 1639.9 | 1636.6 | 1612.4 | 1570.6 | 1484.5 | 1440.7 |
| 1616.6 | 17.5° | 1599.4 | 1548.2 | 1538.4 | 1571.0 | 1601.7 | 1591.5 | 1518.0 | 1477.0 |
| 1582.2 | 20°   | 1505.9 | 1416.5 | 1407.7 | 1470.0 | 1557.5 | 1602.2 | 1549.1 | 1511.5 |
| 1532.4 | 22.5° | 1407.2 | 1310.9 | 1290.4 | 1359.3 | 1491.0 | 1605.5 | 1588.7 | 1551.0 |
| 1477.5 | 25°   | 1313.7 | 1216.9 | 1196.4 | 1260.6 | 1417.0 | 1599.9 | 1631.5 | 1599.4 |
| 1424.9 | 27.5° | 1235.5 | 1142.0 | 1122.9 | 1187.1 | 1345.8 | 1584.0 | 1674.3 | 1651.5 |
| 1372.8 | 30°   | 1175.0 | 1088.5 | 1074.5 | 1136.4 | 1284.4 | 1564.5 | 1728.8 | 1716.2 |
| 1324.4 | 32.5° | 1139.6 | 1076.4 | 1081.5 | 1132.2 | 1251.3 | 1543.1 | 1780.9 | 1786.9 |
| 1300.7 | 35°   | 1174.5 | 1177.3 | 1222.0 | 1242.9 | 1282.0 | 1539.8 | 1851.6 | 1875.4 |
| 1329.0 | 37.5° | 1348.1 | 1444.9 | 1537.5 | 1520.3 | 1432.3 | 1577.5 | 1957.3 | 2001.5 |
| 1452.8 | 40°   | 1643.6 | 1842.3 | 1992.6 | 1927.0 | 1705.5 | 1692.9 | 2109.4 | 2175.5 |
| 1672.5 | 42.5° | 2004.7 | 2341.6 | 2589.2 | 2413.3 | 2057.8 | 1894.9 | 2326.7 | 2411.0 |
| 1938.2 | 45°   | 2385.8 | 2957.3 | 3347.3 | 2981.5 | 2433.3 | 2177.8 | 2655.7 | 2721.8 |
| 2187.1 | 47.5° | 2787.4 | 3705.6 | 4210.0 | 3611.6 | 2781.4 | 2499.9 | 3104.3 | 3119.7 |
| 2423.1 | 50°   | 3226.7 | 4526.0 | 5089.5 | 4241.2 | 3117.4 | 2868.9 | 3652.5 | 3634.8 |
| 2698.1 | 52.5° | 3645.1 | 5369.7 | 5950.4 | 4873.6 | 3412.4 | 3326.8 | 4288.7 | 4252.4 |
| 3074.1 | 55°   | 4044.3 | 6212.9 | 6816.4 | 5481.3 | 3690.7 | 3931.7 | 5044.4 | 4824.7 |
| 3616.2 | 57.5° | 4507.4 | 6970.9 | 7709.0 | 6091.9 | 4079.7 | 4717.2 | 5889.5 | 5157.0 |
| 4654.4 | 60°   | 5191.9 | 7832.3 | 8718.3 | 6928.6 | 4819.6 | 5542.8 | 6192.4 | 5093.7 |
| 5897.8 | 62.5° | 6065.8 | 8624.3 | 9452.2 | 7748.5 | 5562.8 | 5698.2 | 5746.1 | 4606.0 |
| 5644.2 | 65°   | 6235.7 | 8824.9 | 9493.6 | 7967.7 | 5466.9 | 4833.6 | 4691.2 | 3702.3 |
| 5041.6 | 67.5° | 5785.2 | 8462.4 | 8914.7 | 7559.6 | 4835.9 | 3735.4 | 3520.4 | 2686.0 |
| 4646.0 | 70°   | 5279.8 | 7771.3 | 7905.8 | 6865.8 | 4253.3 | 2747.4 | 2377.5 | 1723.7 |
| 4375.2 | 72.5° | 4761.9 | 6849.5 | 6571.2 | 5962.5 | 3738.1 | 2000.5 | 1714.8 | 1225.3 |
| 3989.4 | 75°   | 4146.7 | 5637.2 | 5176.1 | 4954.1 | 3095.0 | 1570.1 | 1240.6 | 845.5  |
| 3431.5 | 77.5° | 3320.7 | 3968.0 | 3844.7 | 3840.1 | 2325.8 | 1147.1 | 827.9  | 530.0  |
| 2680.9 | 80°   | 2342.6 | 2575.2 | 2512.4 | 2892.1 | 1560.3 | 832.0  | 498.4  | 295.0  |
| 1866.0 | 82.5° | 1134.1 | 1424.0 | 1461.7 | 1722.3 | 759.0  | 489.5  | 114.9  | 64.2   |
| 729.7  | 85°   | 443.9  | 686.9  | 579.4  | 653.8  | 213.1  | 136.3  | 2.8    | 0.0    |
| 120.1  | 87.5° | 49.8   | 79.6   | 73.1   | 57.7   | 26.1   | 5.6    | 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)