

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: P946207

Luminaire Tested: **GLAN-SB1D-935-U-SLR**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P946207  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1D-935-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

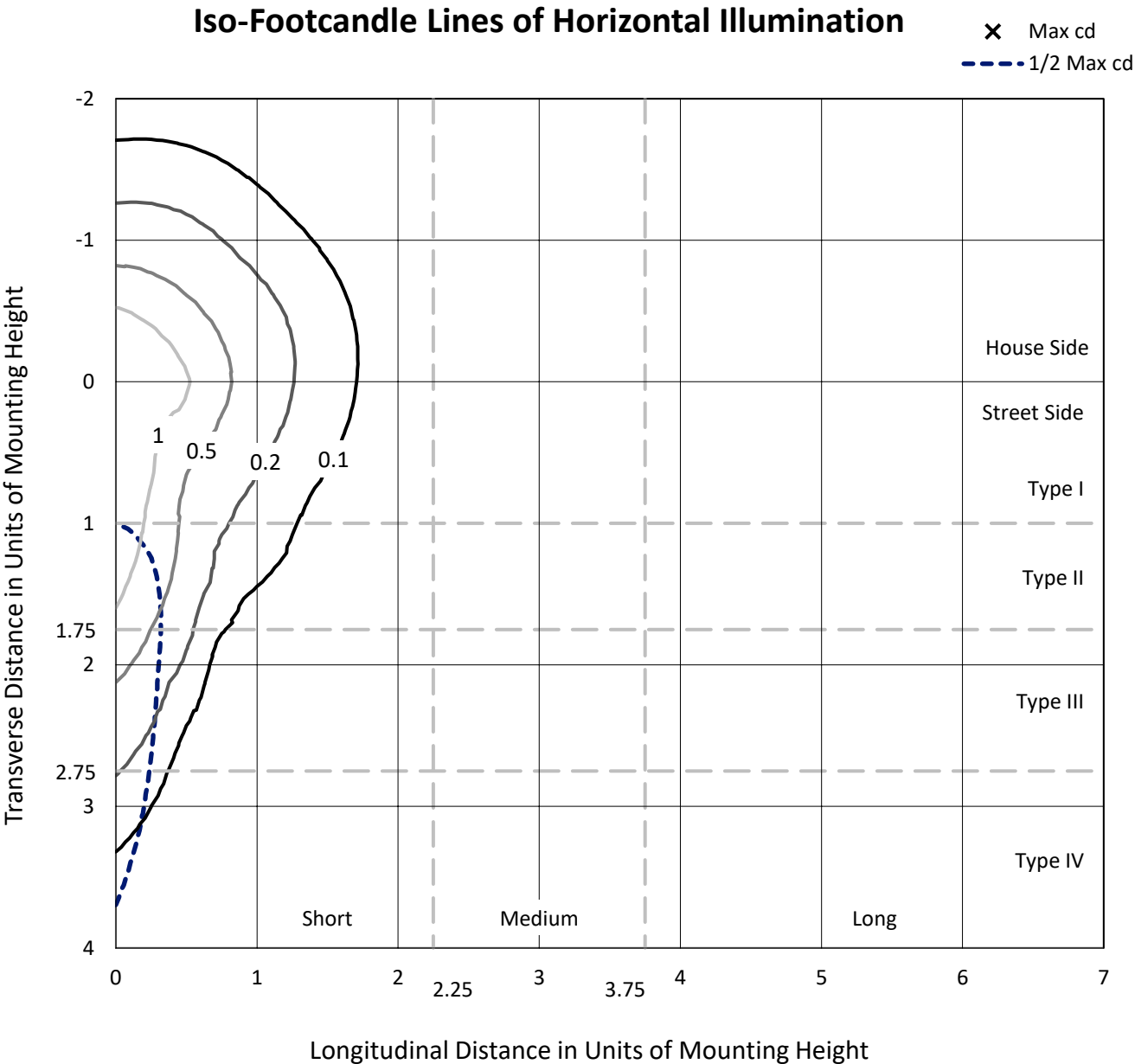
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 7056 lumens  
Efficiency: N/A  
Efficacy: 88.6 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G3

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



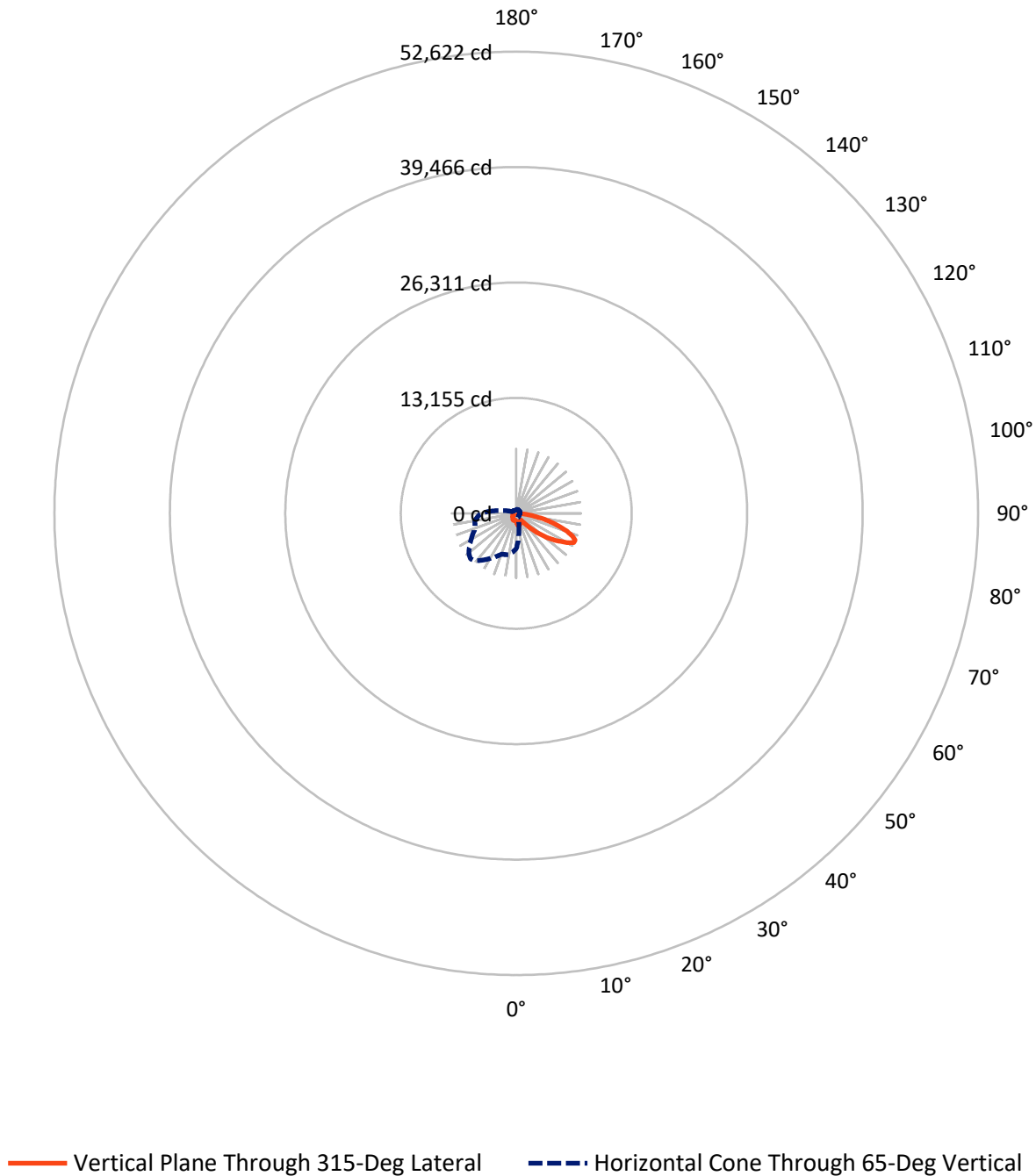
REPORT NUMBER: P946207  
CATALOG NUMBER: GLAN-SB1D-935-U-SLR



Based on 25 foot mounting height. Maximum calculated value = 1.9 fc  
Type IV - Short - N/A

REPORT NUMBER: P946207  
CATALOG NUMBER: GLAN-SB1D-935-U-SLR

## Luminous Intensity Polar Plot



REPORT NUMBER: P946207

CATALOG NUMBER: GLAN-SB1D-935-U-SLR

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1793.3   | 0.0    | 1793.3 |
|                    | % Fixture | 25.4     | 0.0    | 25.4   |
| <b>Street Side</b> | Lumens    | 5262.7   | 0.0    | 5262.7 |
|                    | % Fixture | 74.6     | 0.0    | 74.6   |
| <b>Total</b>       | Lumens    | 7056.0   | 0.0    | 7056.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 96.2   | 1.4       |
| 10°-20°   | 302.1  | 4.3       |
| 20°-30°   | 466.7  | 6.6       |
| 30°-40°   | 591.4  | 8.4       |
| 40°-50°   | 892.0  | 12.6      |
| 50°-60°   | 1441.2 | 20.4      |
| 60°-70°   | 1796.7 | 25.5      |
| 70°-80°   | 1178.2 | 16.7      |
| 80°-90°   | 291.3  | 4.1       |
| 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°    | 7056.0 | 100.0     |
| 0°-180°   | 7056.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P946207

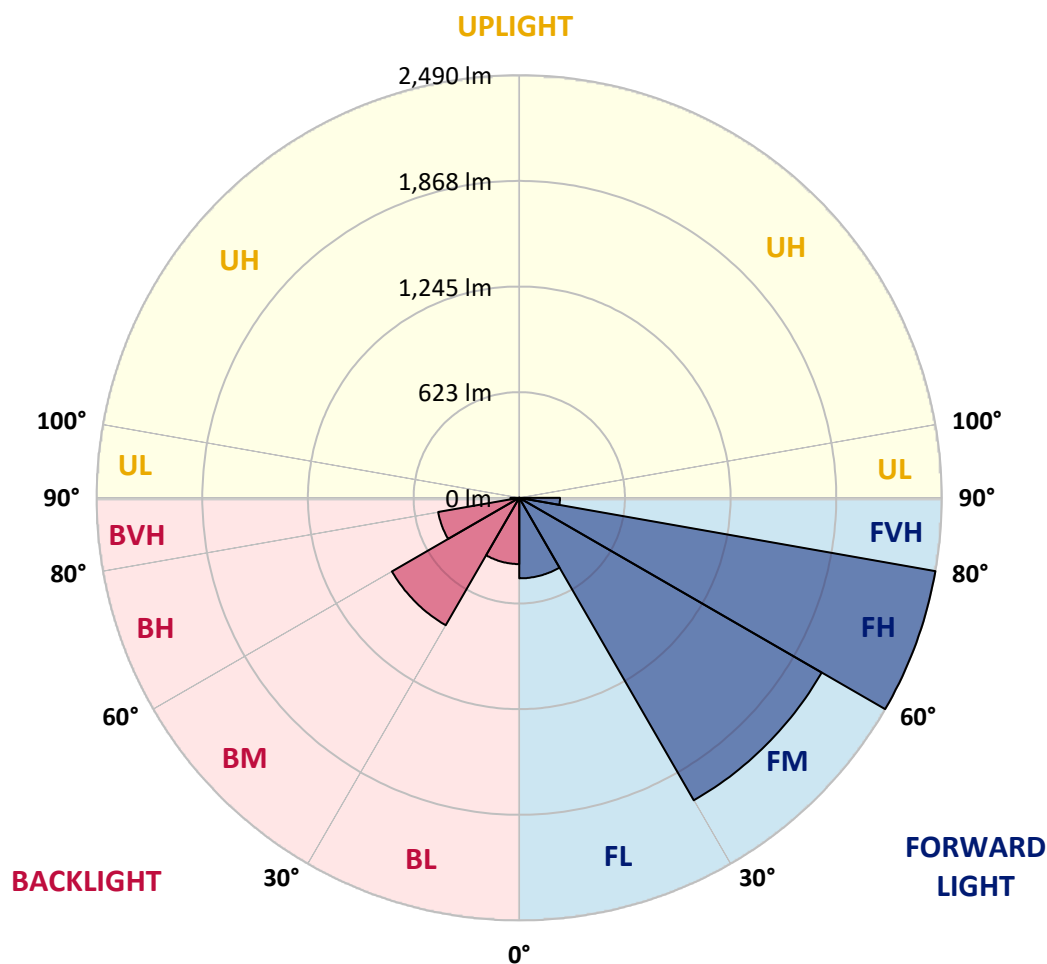
CATALOG NUMBER: GLAN-SB1D-935-U-SLR

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 474.6  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 2058.1 | 29.2      |                         |      |         |
| FH   | (60°-80°)   | 2490.1 | 35.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 240.0  | 3.4       |                         |      | G3/500  |
| BL   | (0°-30°)    | 390.5  | 5.5       | B1/500                  |      |         |
| BM   | (30°-60°)   | 866.6  | 12.3      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 484.8  | 6.9       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 51.3   | 0.7       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G3**

Type IV Short



REPORT NUMBER: P946207

CATALOG NUMBER: GLAN-SB1D-935-U-SLR

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°   | 45°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°    | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3 | 970.3 |
| 2.5°  | 1043.4 | 1035.4 | 1027.4 | 1018.9 | 1010.4 | 1001.8 | 993.3  | 985.1  | 976.9 | 969.0 |
| 5°    | 1122.0 | 1104.3 | 1086.6 | 1069.0 | 1051.4 | 1033.6 | 1015.9 | 999.3  | 982.7 | 967.1 |
| 7.5°  | 1200.9 | 1171.7 | 1142.6 | 1115.6 | 1088.7 | 1062.4 | 1036.2 | 1013.0 | 989.9 | 968.6 |
| 10°   | 1261.4 | 1224.5 | 1187.6 | 1152.0 | 1116.4 | 1084.5 | 1052.6 | 1025.3 | 997.9 | 971.6 |
| 12.5° | 1298.5 | 1257.9 | 1217.4 | 1177.0 | 1136.7 | 1099.1 | 1061.5 | 1030.5 | 999.6 | 971.9 |
| 15°   | 1321.0 | 1278.7 | 1236.5 | 1192.7 | 1148.9 | 1105.6 | 1062.3 | 1026.5 | 990.7 | 960.0 |
| 17.5° | 1333.6 | 1290.8 | 1247.9 | 1200.2 | 1152.4 | 1102.1 | 1051.9 | 1008.8 | 965.7 | 929.7 |
| 20°   | 1347.6 | 1303.1 | 1258.5 | 1206.0 | 1153.5 | 1092.6 | 1031.7 | 978.3  | 924.9 | 883.0 |
| 22.5° | 1363.8 | 1318.3 | 1272.8 | 1213.9 | 1155.0 | 1080.9 | 1006.8 | 942.5  | 878.2 | 830.5 |
| 25°   | 1384.7 | 1340.0 | 1295.5 | 1228.2 | 1160.9 | 1069.4 | 977.9  | 902.6  | 827.3 | 778.3 |
| 27.5° | 1412.9 | 1370.4 | 1327.9 | 1250.5 | 1173.2 | 1061.7 | 950.2  | 866.0  | 781.9 | 737.4 |
| 30°   | 1451.1 | 1410.0 | 1368.9 | 1279.5 | 1190.0 | 1058.1 | 926.0  | 835.5  | 745.0 | 707.6 |
| 32.5° | 1496.2 | 1455.5 | 1414.8 | 1309.7 | 1204.5 | 1053.6 | 902.6  | 809.2  | 715.8 | 685.6 |
| 35°   | 1550.9 | 1511.9 | 1473.0 | 1344.1 | 1215.2 | 1045.2 | 875.2  | 783.3  | 691.4 | 666.3 |
| 37.5° | 1643.0 | 1593.4 | 1543.7 | 1382.6 | 1221.5 | 1030.8 | 840.0  | 752.9  | 665.7 | 643.7 |
| 40°   | 1782.3 | 1709.9 | 1637.5 | 1431.5 | 1225.5 | 1010.9 | 796.4  | 716.5  | 636.7 | 616.7 |
| 42.5° | 1967.0 | 1862.5 | 1758.0 | 1495.5 | 1233.0 | 990.4  | 747.9  | 676.4  | 604.9 | 586.6 |
| 45°   | 2195.0 | 2054.1 | 1913.2 | 1579.7 | 1246.3 | 971.4  | 696.5  | 633.8  | 571.1 | 552.5 |
| 47.5° | 2480.2 | 2281.9 | 2083.5 | 1669.5 | 1255.5 | 955.7  | 655.9  | 600.1  | 544.3 | 520.3 |
| 50°   | 2854.0 | 2555.0 | 2255.9 | 1752.7 | 1249.5 | 938.6  | 627.7  | 577.8  | 527.9 | 496.3 |
| 52.5° | 3283.1 | 2841.9 | 2400.7 | 1806.8 | 1212.8 | 909.6  | 606.5  | 563.0  | 519.6 | 483.3 |
| 55°   | 3739.9 | 3096.3 | 2452.6 | 1794.9 | 1137.1 | 861.7  | 586.3  | 552.3  | 518.3 | 484.6 |
| 57.5° | 4155.4 | 3276.5 | 2397.7 | 1711.0 | 1024.4 | 794.1  | 563.7  | 539.7  | 515.7 | 485.9 |
| 60°   | 4406.6 | 3321.6 | 2236.6 | 1555.0 | 873.4  | 706.3  | 539.2  | 520.3  | 501.4 | 481.8 |
| 62.5° | 4279.1 | 3131.9 | 1984.8 | 1344.0 | 703.2  | 601.2  | 499.2  | 486.7  | 474.1 | 471.7 |
| 65°   | 4023.8 | 2863.5 | 1703.2 | 1128.7 | 554.3  | 506.7  | 459.1  | 453.1  | 447.2 | 447.5 |
| 67.5° | 3681.9 | 2544.1 | 1406.3 | 917.8  | 429.4  | 415.8  | 402.3  | 405.6  | 408.9 | 408.1 |
| 70°   | 3271.0 | 2195.6 | 1120.1 | 722.7  | 325.2  | 329.1  | 332.9  | 348.3  | 363.6 | 363.6 |
| 72.5° | 2781.4 | 1817.7 | 854.1  | 552.5  | 250.9  | 262.5  | 274.2  | 296.0  | 317.7 | 321.3 |
| 75°   | 2162.1 | 1384.6 | 607.2  | 401.0  | 194.8  | 205.4  | 215.9  | 240.3  | 264.6 | 281.5 |
| 77.5° | 1544.7 | 969.1  | 393.5  | 271.7  | 150.0  | 157.2  | 164.4  | 188.0  | 211.7 | 239.4 |
| 80°   | 1011.0 | 624.4  | 237.7  | 175.1  | 112.4  | 115.4  | 118.4  | 138.4  | 158.4 | 191.6 |
| 82.5° | 587.7  | 361.4  | 135.1  | 107.7  | 80.3   | 80.9   | 81.5   | 96.2   | 111.0 | 139.2 |
| 85°   | 258.6  | 162.6  | 66.6   | 57.6   | 48.6   | 48.3   | 48.0   | 58.8   | 69.6  | 90.7  |
| 87.5° | 80.0   | 53.2   | 26.4   | 23.9   | 21.3   | 21.0   | 20.8   | 25.2   | 29.6  | 38.3  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |

REPORT NUMBER: P946207

CATALOG NUMBER: GLAN-SB1D-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| 50°   |       | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 970.3 | 0°    | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 |
| 960.1 | 2.5°  | 953.0 | 945.9 | 939.4 | 933.0 | 927.4 | 921.8 | 916.1 | 910.5 | 906.1 | 901.8 |
| 951.6 | 5°    | 938.2 | 924.7 | 913.3 | 902.1 | 892.1 | 882.1 | 873.0 | 864.0 | 857.0 | 850.0 |
| 948.6 | 7.5°  | 930.6 | 912.7 | 897.8 | 883.0 | 870.4 | 857.8 | 846.7 | 835.7 | 827.4 | 819.1 |
| 950.1 | 10°   | 931.2 | 912.3 | 897.4 | 882.5 | 869.0 | 855.4 | 842.9 | 830.5 | 820.6 | 810.6 |
| 951.9 | 12.5° | 936.5 | 921.0 | 911.1 | 901.3 | 890.7 | 880.1 | 867.2 | 854.3 | 841.6 | 829.0 |
| 944.0 | 15°   | 936.6 | 929.2 | 930.6 | 931.9 | 929.2 | 926.4 | 915.2 | 904.0 | 886.0 | 867.9 |
| 919.8 | 17.5° | 922.5 | 925.2 | 941.4 | 957.7 | 966.3 | 974.9 | 965.9 | 956.9 | 933.0 | 909.1 |
| 880.3 | 20°   | 893.0 | 905.7 | 933.8 | 962.1 | 980.1 | 998.2 | 994.0 | 989.8 | 962.5 | 935.3 |
| 835.6 | 22.5° | 854.3 | 873.0 | 905.2 | 937.4 | 960.9 | 984.4 | 986.9 | 989.4 | 963.4 | 937.3 |
| 792.1 | 25°   | 813.7 | 835.3 | 864.2 | 893.2 | 916.3 | 939.4 | 948.1 | 956.7 | 935.3 | 914.0 |
| 754.1 | 27.5° | 775.0 | 795.8 | 819.6 | 843.4 | 861.9 | 880.5 | 890.1 | 899.7 | 884.5 | 869.3 |
| 720.7 | 30°   | 737.3 | 753.9 | 773.6 | 793.3 | 808.7 | 824.1 | 831.9 | 839.8 | 828.2 | 816.6 |
| 691.5 | 32.5° | 701.3 | 711.1 | 726.8 | 742.6 | 757.3 | 772.1 | 780.8 | 789.5 | 778.9 | 768.2 |
| 663.8 | 35°   | 666.5 | 669.2 | 681.3 | 693.3 | 707.9 | 722.5 | 732.9 | 743.3 | 735.7 | 728.2 |
| 634.9 | 37.5° | 631.9 | 628.9 | 637.6 | 646.2 | 660.7 | 675.3 | 688.2 | 701.1 | 697.6 | 694.1 |
| 603.2 | 40°   | 596.4 | 589.7 | 595.9 | 602.1 | 616.2 | 630.3 | 645.1 | 659.9 | 660.8 | 661.6 |
| 569.5 | 42.5° | 560.5 | 551.6 | 556.7 | 561.8 | 575.1 | 588.4 | 604.5 | 620.5 | 624.7 | 629.0 |
| 536.0 | 45°   | 527.2 | 518.6 | 522.8 | 527.1 | 539.8 | 552.4 | 569.1 | 585.7 | 591.8 | 597.9 |
| 506.1 | 47.5° | 498.8 | 491.5 | 495.5 | 499.5 | 511.9 | 524.2 | 540.6 | 557.0 | 564.1 | 571.1 |
| 479.7 | 50°   | 473.3 | 466.8 | 473.1 | 479.4 | 491.1 | 502.7 | 517.4 | 532.0 | 541.1 | 550.2 |
| 460.1 | 52.5° | 453.7 | 447.3 | 456.8 | 466.1 | 476.9 | 487.6 | 501.2 | 514.9 | 525.7 | 536.4 |
| 449.7 | 55°   | 439.6 | 429.5 | 442.8 | 456.2 | 467.7 | 479.2 | 491.2 | 503.2 | 514.6 | 526.0 |
| 443.4 | 57.5° | 428.7 | 413.9 | 428.3 | 442.7 | 456.2 | 469.8 | 481.6 | 493.5 | 505.0 | 516.5 |
| 437.5 | 60°   | 418.4 | 399.3 | 411.9 | 424.5 | 440.1 | 455.6 | 467.7 | 479.7 | 491.3 | 502.8 |
| 430.7 | 62.5° | 406.8 | 382.9 | 390.9 | 398.9 | 417.1 | 435.2 | 448.1 | 460.9 | 471.5 | 482.1 |
| 416.3 | 65°   | 390.9 | 365.4 | 368.5 | 371.6 | 391.0 | 410.5 | 422.8 | 435.1 | 444.4 | 453.7 |
| 390.5 | 67.5° | 369.3 | 348.2 | 347.2 | 346.3 | 364.2 | 382.2 | 393.8 | 405.5 | 413.5 | 421.5 |
| 357.8 | 70°   | 342.8 | 327.7 | 324.4 | 321.0 | 336.8 | 352.6 | 362.6 | 372.7 | 380.0 | 387.2 |
| 321.4 | 72.5° | 311.1 | 300.8 | 295.8 | 291.0 | 303.4 | 315.8 | 324.9 | 334.0 | 341.1 | 348.2 |
| 280.1 | 75°   | 272.1 | 264.2 | 259.5 | 254.7 | 264.0 | 273.2 | 281.4 | 289.7 | 296.1 | 302.6 |
| 238.7 | 77.5° | 232.3 | 225.9 | 221.2 | 216.4 | 223.9 | 231.4 | 238.5 | 245.5 | 252.4 | 259.1 |
| 191.4 | 80°   | 186.1 | 180.8 | 176.8 | 172.8 | 179.0 | 185.2 | 191.2 | 197.1 | 202.3 | 207.5 |
| 140.8 | 82.5° | 138.2 | 135.6 | 132.8 | 129.9 | 129.4 | 128.9 | 126.8 | 124.7 | 135.7 | 146.8 |
| 92.7  | 85°   | 89.9  | 87.1  | 84.0  | 80.8  | 78.1  | 75.4  | 69.6  | 63.9  | 74.2  | 84.5  |
| 41.0  | 87.5° | 39.8  | 38.7  | 38.1  | 37.5  | 37.4  | 37.3  | 32.9  | 28.5  | 32.8  | 37.2  |
| 0.0   | 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P946207

CATALOG NUMBER: GLAN-SB1D-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| 105°  |       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 970.3 | 0°    | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 |
| 898.2 | 2.5°  | 894.7 | 891.9 | 889.2 | 886.6 | 884.1 | 880.9 | 884.1 | 886.6 | 889.2 | 891.9 |
| 845.1 | 5°    | 840.2 | 836.8 | 833.3 | 830.7 | 828.0 | 825.4 | 828.0 | 830.7 | 833.3 | 836.8 |
| 813.3 | 7.5°  | 807.5 | 803.5 | 799.6 | 797.2 | 794.8 | 793.0 | 794.8 | 797.2 | 799.6 | 803.5 |
| 804.1 | 10°   | 797.6 | 793.8 | 790.1 | 788.0 | 786.0 | 785.2 | 786.0 | 788.0 | 790.1 | 793.8 |
| 820.6 | 12.5° | 812.2 | 808.0 | 803.8 | 802.1 | 800.4 | 800.1 | 800.4 | 802.1 | 803.8 | 808.0 |
| 855.2 | 15°   | 842.5 | 836.6 | 830.8 | 828.6 | 826.4 | 826.2 | 826.4 | 828.6 | 830.8 | 836.6 |
| 890.4 | 17.5° | 871.6 | 863.0 | 854.3 | 851.5 | 848.6 | 848.1 | 848.6 | 851.5 | 854.3 | 863.0 |
| 912.3 | 20°   | 889.3 | 878.2 | 867.1 | 863.6 | 860.1 | 858.9 | 860.1 | 863.6 | 867.1 | 878.2 |
| 913.6 | 22.5° | 889.9 | 878.3 | 866.6 | 862.7 | 858.8 | 857.1 | 858.8 | 862.7 | 866.6 | 878.3 |
| 892.9 | 25°   | 871.9 | 861.8 | 851.7 | 848.0 | 844.3 | 842.2 | 844.3 | 848.0 | 851.7 | 861.8 |
| 852.9 | 27.5° | 836.6 | 829.8 | 823.0 | 821.3 | 819.7 | 819.1 | 819.7 | 821.3 | 823.0 | 829.8 |
| 804.9 | 30°   | 793.1 | 789.6 | 786.1 | 786.1 | 786.1 | 786.7 | 786.1 | 786.1 | 786.1 | 789.6 |
| 758.8 | 32.5° | 749.5 | 747.2 | 744.9 | 745.2 | 745.6 | 746.1 | 745.6 | 745.2 | 744.9 | 747.2 |
| 719.5 | 35°   | 710.9 | 707.5 | 704.1 | 703.3 | 702.6 | 702.2 | 702.6 | 703.3 | 704.1 | 707.5 |
| 686.1 | 37.5° | 678.2 | 671.9 | 665.6 | 662.3 | 659.0 | 657.1 | 659.0 | 662.3 | 665.6 | 671.9 |
| 654.9 | 40°   | 648.1 | 639.0 | 629.9 | 623.7 | 617.6 | 614.0 | 617.6 | 623.7 | 629.9 | 639.0 |
| 623.3 | 42.5° | 617.7 | 606.3 | 595.0 | 586.0 | 577.0 | 571.1 | 577.0 | 586.0 | 595.0 | 606.3 |
| 592.8 | 45°   | 587.7 | 574.7 | 561.8 | 551.2 | 540.7 | 533.9 | 540.7 | 551.2 | 561.8 | 574.7 |
| 567.6 | 47.5° | 564.0 | 552.4 | 540.9 | 531.1 | 521.4 | 514.9 | 521.4 | 531.1 | 540.9 | 552.4 |
| 550.0 | 50°   | 549.8 | 540.6 | 531.4 | 522.4 | 513.4 | 507.1 | 513.4 | 522.4 | 531.4 | 540.6 |
| 538.4 | 52.5° | 540.3 | 532.8 | 525.3 | 517.2 | 509.1 | 503.4 | 509.1 | 517.2 | 525.3 | 532.8 |
| 528.7 | 55°   | 531.4 | 524.8 | 518.3 | 511.2 | 504.1 | 498.9 | 504.1 | 511.2 | 518.3 | 524.8 |
| 519.2 | 57.5° | 521.9 | 515.3 | 508.7 | 501.7 | 494.6 | 489.2 | 494.6 | 501.7 | 508.7 | 515.3 |
| 505.8 | 60°   | 508.8 | 502.3 | 495.9 | 488.6 | 481.4 | 475.8 | 481.4 | 488.6 | 495.9 | 502.3 |
| 484.9 | 62.5° | 487.8 | 482.0 | 476.1 | 468.5 | 460.9 | 454.2 | 460.9 | 468.5 | 476.1 | 482.0 |
| 456.6 | 65°   | 459.5 | 453.9 | 448.3 | 440.9 | 433.6 | 427.8 | 433.6 | 440.9 | 448.3 | 453.9 |
| 424.4 | 67.5° | 427.2 | 422.1 | 416.9 | 410.1 | 403.2 | 398.0 | 403.2 | 410.1 | 416.9 | 422.1 |
| 390.0 | 70°   | 392.7 | 388.5 | 384.3 | 377.8 | 371.2 | 365.2 | 371.2 | 377.8 | 384.3 | 388.5 |
| 351.5 | 72.5° | 354.7 | 351.2 | 347.7 | 341.5 | 335.3 | 329.5 | 335.3 | 341.5 | 347.7 | 351.2 |
| 306.0 | 75°   | 309.5 | 307.8 | 306.0 | 300.8 | 295.5 | 290.0 | 295.5 | 300.8 | 306.0 | 307.8 |
| 262.3 | 77.5° | 265.5 | 263.2 | 260.7 | 255.4 | 250.1 | 245.7 | 250.1 | 255.4 | 260.7 | 263.2 |
| 211.7 | 80°   | 215.9 | 214.9 | 213.9 | 206.8 | 199.6 | 191.4 | 199.6 | 206.8 | 213.9 | 214.9 |
| 154.0 | 82.5° | 161.2 | 160.8 | 160.3 | 154.3 | 148.3 | 143.0 | 148.3 | 154.3 | 160.3 | 160.8 |
| 93.5  | 85°   | 102.4 | 101.6 | 100.9 | 96.2  | 91.5  | 86.8  | 91.5  | 96.2  | 100.9 | 101.6 |
| 40.8  | 87.5° | 44.4  | 43.5  | 42.5  | 40.1  | 37.7  | 35.4  | 37.7  | 40.1  | 42.5  | 43.5  |
| 0.0   | 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P946207

CATALOG NUMBER: GLAN-SB1D-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| 160°  |       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 970.3 | 0°    | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 | 970.3 |
| 894.7 | 2.5°  | 898.2 | 901.8 | 906.1 | 910.5 | 916.1 | 921.8 | 927.4 | 933.0 | 939.4 | 945.9 |
| 840.2 | 5°    | 845.1 | 850.0 | 857.0 | 864.0 | 873.0 | 882.1 | 892.1 | 902.1 | 913.3 | 924.7 |
| 807.5 | 7.5°  | 813.3 | 819.1 | 827.4 | 835.7 | 846.7 | 857.8 | 870.4 | 883.0 | 897.8 | 912.7 |
| 797.6 | 10°   | 804.1 | 810.6 | 820.6 | 830.5 | 842.9 | 855.4 | 869.0 | 882.5 | 897.4 | 912.3 |
| 812.2 | 12.5° | 820.6 | 829.0 | 841.6 | 854.3 | 867.2 | 880.1 | 890.7 | 901.3 | 911.1 | 921.0 |
| 842.5 | 15°   | 855.2 | 867.9 | 886.0 | 904.0 | 915.2 | 926.4 | 929.2 | 931.9 | 930.6 | 929.2 |
| 871.6 | 17.5° | 890.4 | 909.1 | 933.0 | 956.9 | 965.9 | 974.9 | 966.3 | 957.7 | 941.4 | 925.2 |
| 889.3 | 20°   | 912.3 | 935.3 | 962.5 | 989.8 | 994.0 | 998.2 | 980.1 | 962.1 | 933.8 | 905.7 |
| 889.9 | 22.5° | 913.6 | 937.3 | 963.4 | 989.4 | 986.9 | 984.4 | 960.9 | 937.4 | 905.2 | 873.0 |
| 871.9 | 25°   | 892.9 | 914.0 | 935.3 | 956.7 | 948.1 | 939.4 | 916.3 | 893.2 | 864.2 | 835.3 |
| 836.6 | 27.5° | 852.9 | 869.3 | 884.5 | 899.7 | 890.1 | 880.5 | 861.9 | 843.4 | 819.6 | 795.8 |
| 793.1 | 30°   | 804.9 | 816.6 | 828.2 | 839.8 | 831.9 | 824.1 | 808.7 | 793.3 | 773.6 | 753.9 |
| 749.5 | 32.5° | 758.8 | 768.2 | 778.9 | 789.5 | 780.8 | 772.1 | 757.3 | 742.6 | 726.8 | 711.1 |
| 710.9 | 35°   | 719.5 | 728.2 | 735.7 | 743.3 | 732.9 | 722.5 | 707.9 | 693.3 | 681.3 | 669.2 |
| 678.2 | 37.5° | 686.1 | 694.1 | 697.6 | 701.1 | 688.2 | 675.3 | 660.7 | 646.2 | 637.6 | 628.9 |
| 648.1 | 40°   | 654.9 | 661.6 | 660.8 | 659.9 | 645.1 | 630.3 | 616.2 | 602.1 | 595.9 | 589.7 |
| 617.7 | 42.5° | 623.3 | 629.0 | 624.7 | 620.5 | 604.5 | 588.4 | 575.1 | 561.8 | 556.7 | 551.6 |
| 587.7 | 45°   | 592.8 | 597.9 | 591.8 | 585.7 | 569.1 | 552.4 | 539.8 | 527.1 | 522.8 | 518.6 |
| 564.0 | 47.5° | 567.6 | 571.1 | 564.1 | 557.0 | 540.6 | 524.2 | 511.9 | 499.5 | 495.5 | 491.5 |
| 549.8 | 50°   | 550.0 | 550.2 | 541.1 | 532.0 | 517.4 | 502.7 | 491.1 | 479.4 | 473.1 | 466.8 |
| 540.3 | 52.5° | 538.4 | 536.4 | 525.7 | 514.9 | 501.2 | 487.6 | 476.9 | 466.1 | 456.8 | 447.3 |
| 531.4 | 55°   | 528.7 | 526.0 | 514.6 | 503.2 | 491.2 | 479.2 | 467.7 | 456.2 | 442.8 | 429.5 |
| 521.9 | 57.5° | 519.2 | 516.5 | 505.0 | 493.5 | 481.6 | 469.8 | 456.2 | 442.7 | 428.3 | 413.9 |
| 508.8 | 60°   | 505.8 | 502.8 | 491.3 | 479.7 | 467.7 | 455.6 | 440.1 | 424.5 | 411.9 | 399.3 |
| 487.8 | 62.5° | 484.9 | 482.1 | 471.5 | 460.9 | 448.1 | 435.2 | 417.1 | 398.9 | 390.9 | 382.9 |
| 459.5 | 65°   | 456.6 | 453.7 | 444.4 | 435.1 | 422.8 | 410.5 | 391.0 | 371.6 | 368.5 | 365.4 |
| 427.2 | 67.5° | 424.4 | 421.5 | 413.5 | 405.5 | 393.8 | 382.2 | 364.2 | 346.3 | 347.2 | 348.2 |
| 392.7 | 70°   | 390.0 | 387.2 | 380.0 | 372.7 | 362.6 | 352.6 | 336.8 | 321.0 | 324.4 | 327.7 |
| 354.7 | 72.5° | 351.5 | 348.2 | 341.1 | 334.0 | 324.9 | 315.8 | 303.4 | 291.0 | 295.8 | 300.8 |
| 309.5 | 75°   | 306.0 | 302.6 | 296.1 | 289.7 | 281.4 | 273.2 | 264.0 | 254.7 | 259.5 | 264.2 |
| 265.5 | 77.5° | 262.3 | 259.1 | 252.4 | 245.5 | 238.5 | 231.4 | 223.9 | 216.4 | 221.2 | 225.9 |
| 215.9 | 80°   | 211.7 | 207.5 | 202.3 | 197.1 | 191.2 | 185.2 | 179.0 | 172.8 | 176.8 | 180.8 |
| 161.2 | 82.5° | 154.0 | 146.8 | 135.7 | 124.7 | 126.8 | 128.9 | 129.4 | 129.9 | 132.8 | 135.6 |
| 102.4 | 85°   | 93.5  | 84.5  | 74.2  | 63.9  | 69.6  | 75.4  | 78.1  | 80.8  | 84.0  | 87.1  |
| 44.4  | 87.5° | 40.8  | 37.2  | 32.8  | 28.5  | 32.9  | 37.3  | 37.4  | 37.5  | 38.1  | 38.7  |
| 0.0   | 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

REPORT NUMBER: P946207

CATALOG NUMBER: GLAN-SB1D-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| 215°  |       | 220°  | 225°  | 230°  | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 970.3 | 0°    | 970.3 | 970.3 | 970.3 | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  |
| 953.0 | 2.5°  | 960.1 | 969.0 | 976.9 | 985.1  | 993.3  | 1001.8 | 1010.4 | 1018.9 | 1027.4 | 1035.4 |
| 938.2 | 5°    | 951.6 | 967.1 | 982.7 | 999.3  | 1015.9 | 1033.6 | 1051.4 | 1069.0 | 1086.6 | 1104.3 |
| 930.6 | 7.5°  | 948.6 | 968.6 | 989.9 | 1013.0 | 1036.2 | 1062.4 | 1088.7 | 1115.6 | 1142.6 | 1171.7 |
| 931.2 | 10°   | 950.1 | 971.6 | 997.9 | 1025.3 | 1052.6 | 1084.5 | 1116.4 | 1152.0 | 1187.6 | 1224.5 |
| 936.5 | 12.5° | 951.9 | 971.9 | 999.6 | 1030.5 | 1061.5 | 1099.1 | 1136.7 | 1177.0 | 1217.4 | 1257.9 |
| 936.6 | 15°   | 944.0 | 960.0 | 990.7 | 1026.5 | 1062.3 | 1105.6 | 1148.9 | 1192.7 | 1236.5 | 1278.7 |
| 922.5 | 17.5° | 919.8 | 929.7 | 965.7 | 1008.8 | 1051.9 | 1102.1 | 1152.4 | 1200.2 | 1247.9 | 1290.8 |
| 893.0 | 20°   | 880.3 | 883.0 | 924.9 | 978.3  | 1031.7 | 1092.6 | 1153.5 | 1206.0 | 1258.5 | 1303.1 |
| 854.3 | 22.5° | 835.6 | 830.5 | 878.2 | 942.5  | 1006.8 | 1080.9 | 1155.0 | 1213.9 | 1272.8 | 1318.3 |
| 813.7 | 25°   | 792.1 | 778.3 | 827.3 | 902.6  | 977.9  | 1069.4 | 1160.9 | 1228.2 | 1295.5 | 1340.0 |
| 775.0 | 27.5° | 754.1 | 737.4 | 781.9 | 866.0  | 950.2  | 1061.7 | 1173.2 | 1250.5 | 1327.9 | 1370.4 |
| 737.3 | 30°   | 720.7 | 707.6 | 745.0 | 835.5  | 926.0  | 1058.1 | 1190.0 | 1279.5 | 1368.9 | 1410.0 |
| 701.3 | 32.5° | 691.5 | 685.6 | 715.8 | 809.2  | 902.6  | 1053.6 | 1204.5 | 1309.7 | 1414.8 | 1455.5 |
| 666.5 | 35°   | 663.8 | 666.3 | 691.4 | 783.3  | 875.2  | 1045.2 | 1215.2 | 1344.1 | 1473.0 | 1511.9 |
| 631.9 | 37.5° | 634.9 | 643.7 | 665.7 | 752.9  | 840.0  | 1030.8 | 1221.5 | 1382.6 | 1543.7 | 1593.4 |
| 596.4 | 40°   | 603.2 | 616.7 | 636.7 | 716.5  | 796.4  | 1010.9 | 1225.5 | 1431.5 | 1637.5 | 1709.9 |
| 560.5 | 42.5° | 569.5 | 586.6 | 604.9 | 676.4  | 747.9  | 990.4  | 1233.0 | 1495.5 | 1758.0 | 1862.5 |
| 527.2 | 45°   | 536.0 | 552.5 | 571.1 | 633.8  | 696.5  | 971.4  | 1246.3 | 1579.7 | 1913.2 | 2054.1 |
| 498.8 | 47.5° | 506.1 | 520.3 | 544.3 | 600.1  | 655.9  | 955.7  | 1255.5 | 1669.5 | 2083.5 | 2281.9 |
| 473.3 | 50°   | 479.7 | 496.3 | 527.9 | 577.8  | 627.7  | 938.6  | 1249.5 | 1752.7 | 2255.9 | 2555.0 |
| 453.7 | 52.5° | 460.1 | 483.3 | 519.6 | 563.0  | 606.5  | 909.6  | 1212.8 | 1806.8 | 2400.7 | 2841.9 |
| 439.6 | 55°   | 449.7 | 484.6 | 518.3 | 552.3  | 586.3  | 861.7  | 1137.1 | 1794.9 | 2452.6 | 3096.3 |
| 428.7 | 57.5° | 443.4 | 485.9 | 515.7 | 539.7  | 563.7  | 794.1  | 1024.4 | 1711.0 | 2397.7 | 3276.5 |
| 418.4 | 60°   | 437.5 | 481.8 | 501.4 | 520.3  | 539.2  | 706.3  | 873.4  | 1555.0 | 2236.6 | 3321.6 |
| 406.8 | 62.5° | 430.7 | 471.7 | 474.1 | 486.7  | 499.2  | 601.2  | 703.2  | 1344.0 | 1984.8 | 3131.9 |
| 390.9 | 65°   | 416.3 | 447.5 | 447.2 | 453.1  | 459.1  | 506.7  | 554.3  | 1128.7 | 1703.2 | 2863.5 |
| 369.3 | 67.5° | 390.5 | 408.1 | 408.9 | 405.6  | 402.3  | 415.8  | 429.4  | 917.8  | 1406.3 | 2544.1 |
| 342.8 | 70°   | 357.8 | 363.6 | 363.6 | 348.3  | 332.9  | 329.1  | 325.2  | 722.7  | 1120.1 | 2195.6 |
| 311.1 | 72.5° | 321.4 | 321.3 | 317.7 | 296.0  | 274.2  | 262.5  | 250.9  | 552.5  | 854.1  | 1817.7 |
| 272.1 | 75°   | 280.1 | 281.5 | 264.6 | 240.3  | 215.9  | 205.4  | 194.8  | 401.0  | 607.2  | 1384.6 |
| 232.3 | 77.5° | 238.7 | 239.4 | 211.7 | 188.0  | 164.4  | 157.2  | 150.0  | 271.7  | 393.5  | 969.1  |
| 186.1 | 80°   | 191.4 | 191.6 | 158.4 | 138.4  | 118.4  | 115.4  | 112.4  | 175.1  | 237.7  | 624.4  |
| 138.2 | 82.5° | 140.8 | 139.2 | 111.0 | 96.2   | 81.5   | 80.9   | 80.3   | 107.7  | 135.1  | 361.4  |
| 89.9  | 85°   | 92.7  | 90.7  | 69.6  | 58.8   | 48.0   | 48.3   | 48.6   | 57.6   | 66.6   | 162.6  |
| 39.8  | 87.5° | 41.0  | 38.3  | 29.6  | 25.2   | 20.8   | 21.0   | 21.3   | 23.9   | 26.4   | 53.2   |
| 0.0   | 90°   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P946207

CATALOG NUMBER: GLAN-SB1D-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| 270°   |       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 970.3  | 0°    | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  |
| 1043.4 | 2.5°  | 1047.4 | 1051.4 | 1057.0 | 1062.6 | 1065.9 | 1069.3 | 1071.0 | 1072.6 | 1071.9 | 1072.6 |
| 1122.0 | 5°    | 1135.8 | 1149.6 | 1163.3 | 1177.1 | 1184.5 | 1192.0 | 1196.5 | 1201.0 | 1204.4 | 1201.0 |
| 1200.9 | 7.5°  | 1223.4 | 1245.9 | 1266.1 | 1286.3 | 1298.5 | 1310.6 | 1317.2 | 1323.8 | 1326.9 | 1323.8 |
| 1261.4 | 10°   | 1288.0 | 1314.6 | 1338.3 | 1362.0 | 1376.4 | 1390.7 | 1397.1 | 1403.5 | 1405.9 | 1403.5 |
| 1298.5 | 12.5° | 1327.3 | 1356.1 | 1377.5 | 1398.9 | 1409.3 | 1419.7 | 1423.2 | 1426.7 | 1427.1 | 1426.7 |
| 1321.0 | 15°   | 1345.9 | 1370.7 | 1384.1 | 1397.6 | 1398.0 | 1398.4 | 1394.6 | 1390.9 | 1386.5 | 1390.9 |
| 1333.6 | 17.5° | 1350.4 | 1367.2 | 1367.5 | 1367.7 | 1352.6 | 1337.6 | 1323.7 | 1309.9 | 1300.1 | 1309.9 |
| 1347.6 | 20°   | 1353.5 | 1359.3 | 1341.6 | 1324.0 | 1290.7 | 1257.4 | 1233.2 | 1208.9 | 1194.0 | 1208.9 |
| 1363.8 | 22.5° | 1356.1 | 1348.5 | 1311.8 | 1275.2 | 1226.2 | 1177.3 | 1147.0 | 1116.7 | 1100.2 | 1116.7 |
| 1384.7 | 25°   | 1360.5 | 1336.2 | 1280.6 | 1225.0 | 1165.5 | 1106.1 | 1074.2 | 1042.4 | 1026.9 | 1042.4 |
| 1412.9 | 27.5° | 1369.7 | 1326.4 | 1252.7 | 1179.1 | 1113.2 | 1047.3 | 1015.9 | 984.6  | 969.9  | 984.6  |
| 1451.1 | 30°   | 1386.6 | 1322.1 | 1231.4 | 1140.7 | 1072.1 | 1003.4 | 974.3  | 945.2  | 931.5  | 945.2  |
| 1496.2 | 32.5° | 1407.8 | 1319.5 | 1216.9 | 1114.3 | 1049.8 | 985.2  | 962.4  | 939.5  | 929.7  | 939.5  |
| 1550.9 | 35°   | 1442.8 | 1334.7 | 1227.8 | 1120.9 | 1076.0 | 1031.2 | 1025.9 | 1020.6 | 1019.8 | 1020.6 |
| 1643.0 | 37.5° | 1515.9 | 1388.7 | 1291.5 | 1194.3 | 1191.4 | 1188.5 | 1212.9 | 1237.2 | 1249.9 | 1237.2 |
| 1782.3 | 40°   | 1644.0 | 1505.7 | 1433.4 | 1361.1 | 1412.1 | 1463.1 | 1522.3 | 1581.5 | 1611.0 | 1581.5 |
| 1967.0 | 42.5° | 1829.7 | 1692.5 | 1650.9 | 1609.2 | 1720.5 | 1831.7 | 1939.4 | 2047.1 | 2110.3 | 2047.1 |
| 2195.0 | 45°   | 2071.7 | 1948.4 | 1930.1 | 1911.7 | 2089.9 | 2268.2 | 2445.1 | 2622.0 | 2729.5 | 2622.0 |
| 2480.2 | 47.5° | 2360.3 | 2240.3 | 2236.6 | 2232.9 | 2490.0 | 2747.0 | 3006.1 | 3265.0 | 3417.1 | 3265.0 |
| 2854.0 | 50°   | 2705.9 | 2557.8 | 2558.4 | 2559.0 | 2890.4 | 3221.7 | 3563.6 | 3905.5 | 4112.3 | 3905.5 |
| 3283.1 | 52.5° | 3103.7 | 2924.4 | 2906.2 | 2888.1 | 3283.9 | 3679.7 | 4102.7 | 4525.7 | 4773.5 | 4525.7 |
| 3739.9 | 55°   | 3562.7 | 3385.5 | 3314.8 | 3244.1 | 3684.6 | 4125.1 | 4629.4 | 5133.7 | 5428.4 | 5133.7 |
| 4155.4 | 57.5° | 4058.9 | 3962.4 | 3820.6 | 3678.8 | 4123.6 | 4568.4 | 5139.6 | 5710.8 | 6076.2 | 5710.8 |
| 4406.6 | 60°   | 4556.5 | 4706.4 | 4530.3 | 4354.2 | 4775.1 | 5196.1 | 5807.6 | 6419.2 | 6814.2 | 6419.2 |
| 4279.1 | 62.5° | 4688.6 | 5098.2 | 5078.4 | 5058.5 | 5444.1 | 5829.8 | 6411.6 | 6993.4 | 7358.5 | 6993.4 |
| 4023.8 | 65°   | 4408.2 | 4792.7 | 4868.7 | 4944.8 | 5434.8 | 5924.9 | 6489.1 | 7053.3 | 7364.1 | 7053.3 |
| 3681.9 | 67.5° | 4047.5 | 4413.1 | 4448.8 | 4484.4 | 4995.0 | 5505.5 | 6072.2 | 6638.8 | 6882.3 | 6638.8 |
| 3271.0 | 70°   | 3668.7 | 4066.4 | 4082.3 | 4098.3 | 4554.9 | 5011.5 | 5499.1 | 5986.7 | 6122.0 | 5986.7 |
| 2781.4 | 72.5° | 3237.8 | 3694.1 | 3705.6 | 3717.0 | 4074.3 | 4431.5 | 4796.7 | 5161.9 | 5175.6 | 5161.9 |
| 2162.1 | 75°   | 2634.4 | 3106.7 | 3149.1 | 3191.5 | 3469.4 | 3747.4 | 4004.5 | 4261.6 | 4192.7 | 4261.6 |
| 1544.7 | 77.5° | 1985.6 | 2426.6 | 2487.3 | 2548.0 | 2759.2 | 2970.5 | 3152.9 | 3335.2 | 3216.8 | 3335.2 |
| 1011.0 | 80°   | 1382.0 | 1752.9 | 1828.3 | 1903.7 | 2063.3 | 2222.8 | 2318.6 | 2414.3 | 2223.9 | 2414.3 |
| 587.7  | 82.5° | 841.3  | 1094.9 | 1179.2 | 1263.5 | 1373.3 | 1483.1 | 1523.1 | 1563.0 | 1413.3 | 1563.0 |
| 258.6  | 85°   | 393.2  | 527.8  | 599.4  | 671.1  | 761.4  | 851.6  | 874.2  | 896.9  | 777.0  | 896.9  |
| 80.0   | 87.5° | 125.3  | 170.5  | 210.5  | 250.5  | 295.6  | 340.7  | 342.7  | 344.6  | 289.3  | 344.6  |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

REPORT NUMBER: P946207

CATALOG NUMBER: GLAN-SB1D-935-U-SLR

**CANDELA DISTRIBUTION (continued):**

| 325°   |       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 970.3  | 0°    | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  | 970.3  |
| 1071.0 | 2.5°  | 1069.3 | 1065.9 | 1062.6 | 1057.0 | 1051.4 | 1047.4 | 1043.4 |
| 1196.5 | 5°    | 1192.0 | 1184.5 | 1177.1 | 1163.3 | 1149.6 | 1135.8 | 1122.0 |
| 1317.2 | 7.5°  | 1310.6 | 1298.5 | 1286.3 | 1266.1 | 1245.9 | 1223.4 | 1200.9 |
| 1397.1 | 10°   | 1390.7 | 1376.4 | 1362.0 | 1338.3 | 1314.6 | 1288.0 | 1261.4 |
| 1423.2 | 12.5° | 1419.7 | 1409.3 | 1398.9 | 1377.5 | 1356.1 | 1327.3 | 1298.5 |
| 1394.6 | 15°   | 1398.4 | 1398.0 | 1397.6 | 1384.1 | 1370.7 | 1345.9 | 1321.0 |
| 1323.7 | 17.5° | 1337.6 | 1352.6 | 1367.7 | 1367.5 | 1367.2 | 1350.4 | 1333.6 |
| 1233.2 | 20°   | 1257.4 | 1290.7 | 1324.0 | 1341.6 | 1359.3 | 1353.5 | 1347.6 |
| 1147.0 | 22.5° | 1177.3 | 1226.2 | 1275.2 | 1311.8 | 1348.5 | 1356.1 | 1363.8 |
| 1074.2 | 25°   | 1106.1 | 1165.5 | 1225.0 | 1280.6 | 1336.2 | 1360.5 | 1384.7 |
| 1015.9 | 27.5° | 1047.3 | 1113.2 | 1179.1 | 1252.7 | 1326.4 | 1369.7 | 1412.9 |
| 974.3  | 30°   | 1003.4 | 1072.1 | 1140.7 | 1231.4 | 1322.1 | 1386.6 | 1451.1 |
| 962.4  | 32.5° | 985.2  | 1049.8 | 1114.3 | 1216.9 | 1319.5 | 1407.8 | 1496.2 |
| 1025.9 | 35°   | 1031.2 | 1076.0 | 1120.9 | 1227.8 | 1334.7 | 1442.8 | 1550.9 |
| 1212.9 | 37.5° | 1188.5 | 1191.4 | 1194.3 | 1291.5 | 1388.7 | 1515.9 | 1643.0 |
| 1522.3 | 40°   | 1463.1 | 1412.1 | 1361.1 | 1433.4 | 1505.7 | 1644.0 | 1782.3 |
| 1939.4 | 42.5° | 1831.7 | 1720.5 | 1609.2 | 1650.9 | 1692.5 | 1829.7 | 1967.0 |
| 2445.1 | 45°   | 2268.2 | 2089.9 | 1911.7 | 1930.1 | 1948.4 | 2071.7 | 2195.0 |
| 3006.1 | 47.5° | 2747.0 | 2490.0 | 2232.9 | 2236.6 | 2240.3 | 2360.3 | 2480.2 |
| 3563.6 | 50°   | 3221.7 | 2890.4 | 2559.0 | 2558.4 | 2557.8 | 2705.9 | 2854.0 |
| 4102.7 | 52.5° | 3679.7 | 3283.9 | 2888.1 | 2906.2 | 2924.4 | 3103.7 | 3283.1 |
| 4629.4 | 55°   | 4125.1 | 3684.6 | 3244.1 | 3314.8 | 3385.5 | 3562.7 | 3739.9 |
| 5139.6 | 57.5° | 4568.4 | 4123.6 | 3678.8 | 3820.6 | 3962.4 | 4058.9 | 4155.4 |
| 5807.6 | 60°   | 5196.1 | 4775.1 | 4354.2 | 4530.3 | 4706.4 | 4556.5 | 4406.6 |
| 6411.6 | 62.5° | 5829.8 | 5444.1 | 5058.5 | 5078.4 | 5098.2 | 4688.6 | 4279.1 |
| 6489.1 | 65°   | 5924.9 | 5434.8 | 4944.8 | 4868.7 | 4792.7 | 4408.2 | 4023.8 |
| 6072.2 | 67.5° | 5505.5 | 4995.0 | 4484.4 | 4448.8 | 4413.1 | 4047.5 | 3681.9 |
| 5499.1 | 70°   | 5011.5 | 4554.9 | 4098.3 | 4082.3 | 4066.4 | 3668.7 | 3271.0 |
| 4796.7 | 72.5° | 4431.5 | 4074.3 | 3717.0 | 3705.6 | 3694.1 | 3237.8 | 2781.4 |
| 4004.5 | 75°   | 3747.4 | 3469.4 | 3191.5 | 3149.1 | 3106.7 | 2634.4 | 2162.1 |
| 3152.9 | 77.5° | 2970.5 | 2759.2 | 2548.0 | 2487.3 | 2426.6 | 1985.6 | 1544.7 |
| 2318.6 | 80°   | 2222.8 | 2063.3 | 1903.7 | 1828.3 | 1752.9 | 1382.0 | 1011.0 |
| 1523.1 | 82.5° | 1483.1 | 1373.3 | 1263.5 | 1179.2 | 1094.9 | 841.3  | 587.7  |
| 874.2  | 85°   | 851.6  | 761.4  | 671.1  | 599.4  | 527.8  | 393.2  | 258.6  |
| 342.7  | 87.5° | 340.7  | 295.6  | 250.5  | 210.5  | 170.5  | 125.3  | 80.0   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)