

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: P455077

Luminaire Tested: **GLAN-SA6B-727-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P455077
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6B-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24324 lumens
Efficiency: N/A
Efficacy: 100.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

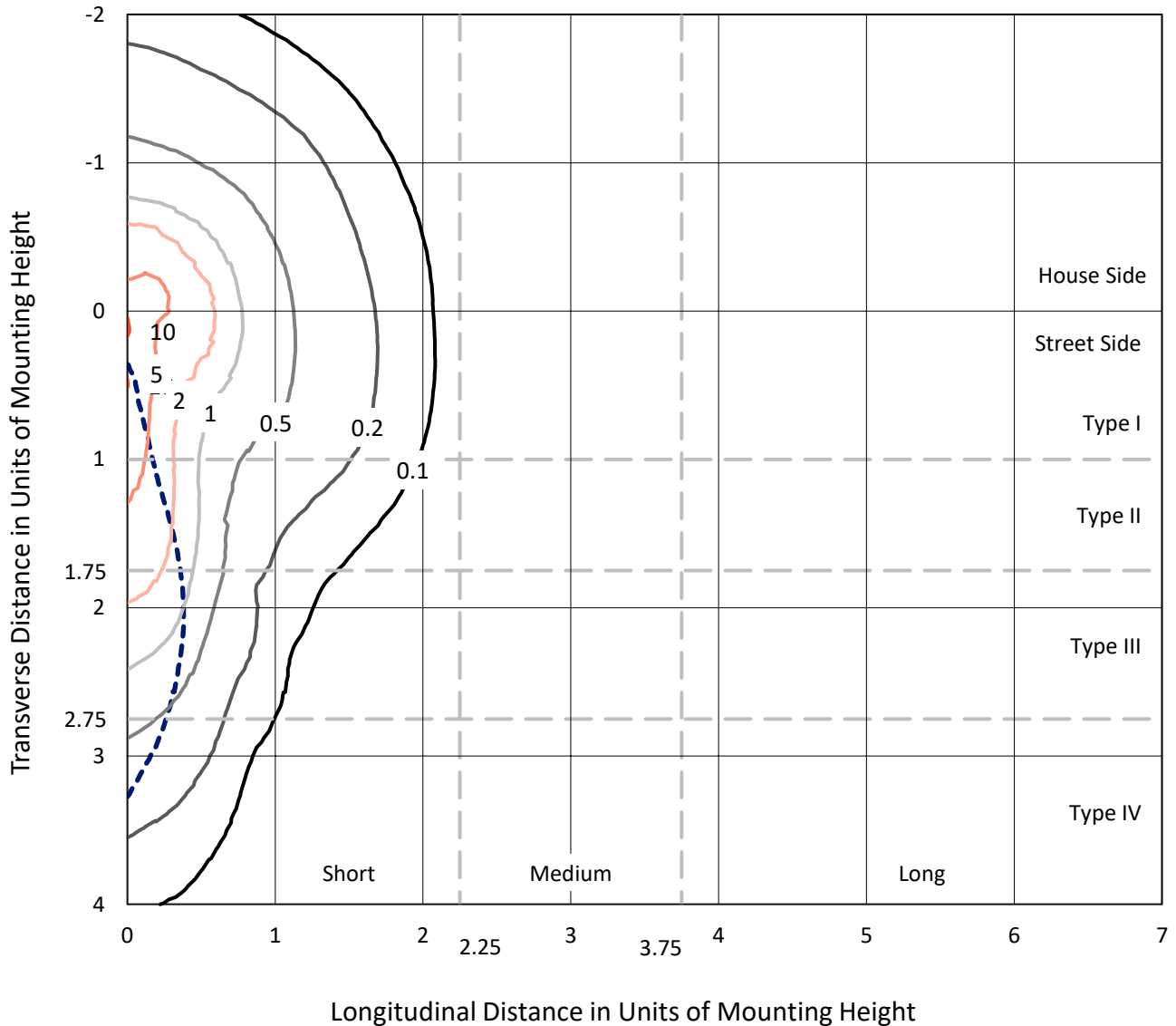
Input Watts (W): 243
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

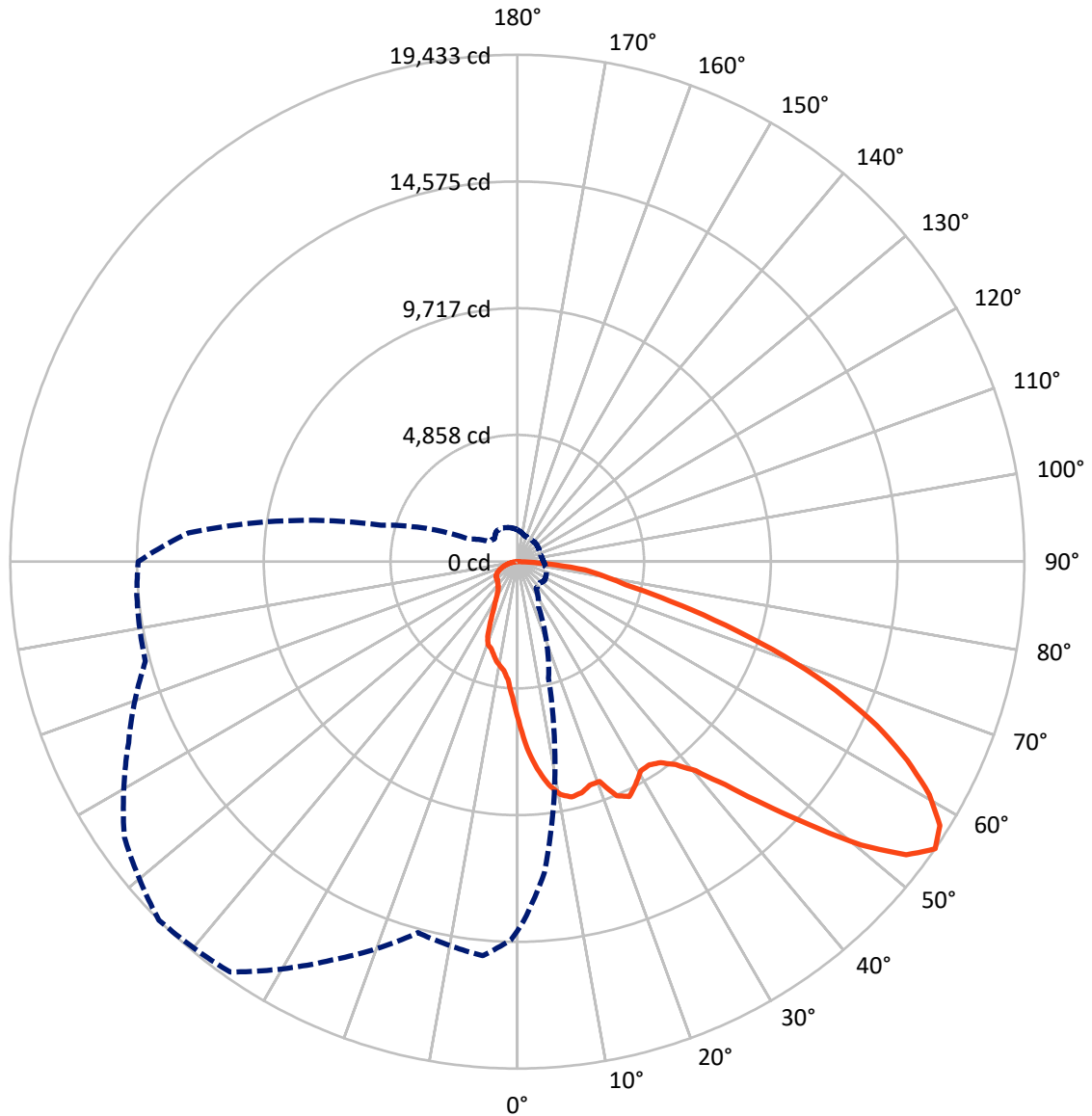
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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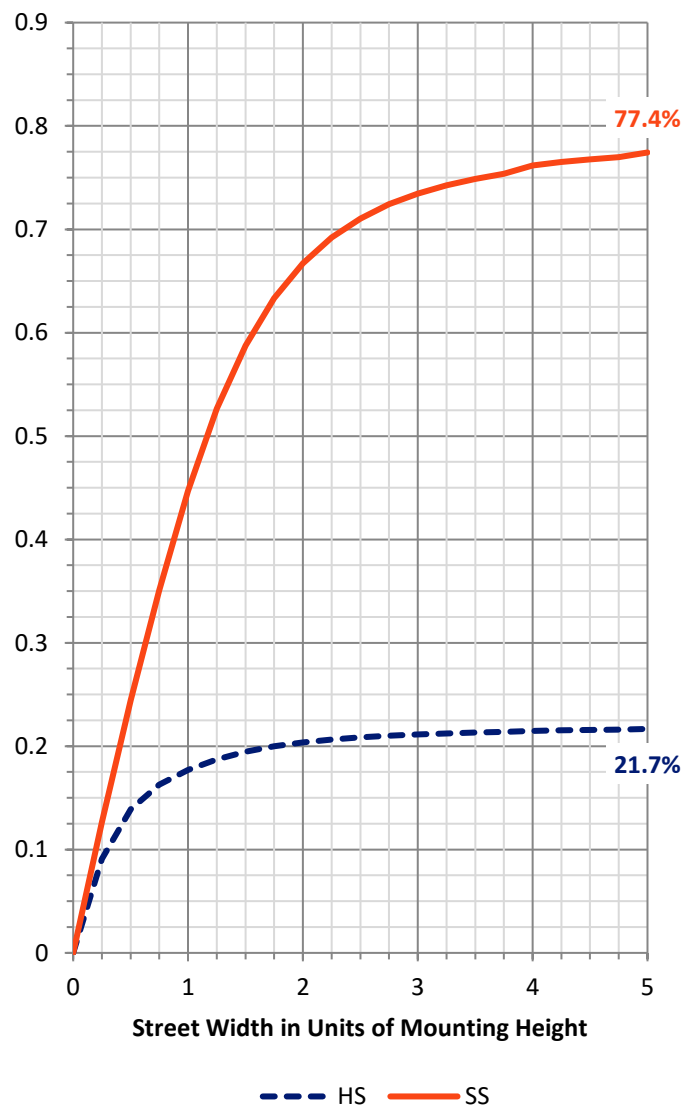
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5320.8 | 0.0 | 5320.8 |
| | % Fixture | 21.9 | 0.0 | 21.9 |
| Street Side | Lumens | 19003.2 | 0.0 | 19003.2 |
| | % Fixture | 78.1 | 0.0 | 78.1 |
| Total | Lumens | 24324.0 | 0.0 | 24324.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 517.4 | 2.1 |
| 10°-20° | 1372.6 | 5.6 |
| 20°-30° | 2371.2 | 9.7 |
| 30°-40° | 2755.7 | 11.3 |
| 40°-50° | 3844.8 | 15.8 |
| 50°-60° | 5216.9 | 21.4 |
| 60°-70° | 4963.3 | 20.4 |
| 70°-80° | 2681.3 | 11.0 |
| 80°-90° | 600.9 | 2.5 |
| 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° | 24324.0 | 100.0 |
| 0°-180° | 24324.0 | 100.0 |

Coefficient of Utilization



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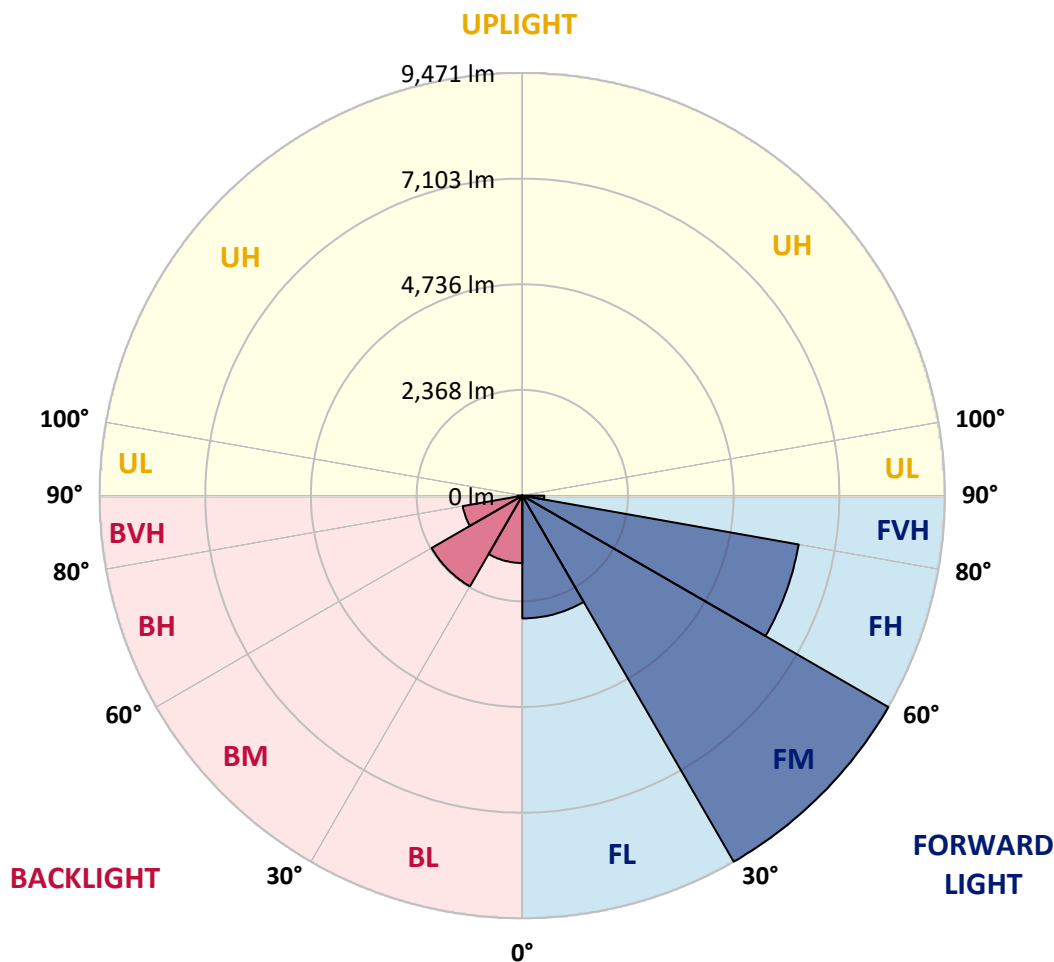
CATALOG NUMBER: GLAN-SA6B-727-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2751.1 | 11.3 | | | |
| FM (30°-60°) | 9471.3 | 38.9 | | | |
| FH (60°-80°) | 6289.8 | 25.9 | | | G3/7500 |
| FVH (80°-90°) | 491.1 | 2.0 | | | G3/500 |
| BL (0°-30°) | 1510.0 | 6.2 | B3/2500 | | |
| BM (30°-60°) | 2346.1 | 9.6 | B2/2500 | | |
| BH (60°-80°) | 1354.8 | 5.6 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 109.8 | 0.5 | | | G2/225 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 |
| 2.5° | 6781.6 | 6755.9 | 6683.7 | 6494.3 | 6303.4 | 6109.2 | 5959.9 | 5773.8 | 5579.6 | 5475.3 | 5342.1 |
| 5° | 6874.6 | 6845.8 | 6675.7 | 6248.8 | 5862.1 | 5456.1 | 5131.9 | 4847.9 | 4732.3 | 4562.2 | 4425.8 |
| 7.5° | 6656.4 | 6643.6 | 6388.4 | 5775.4 | 5245.8 | 4714.7 | 4347.2 | 4119.3 | 3912.3 | 3835.3 | 3851.3 |
| 10° | 6457.4 | 6406.1 | 6086.7 | 5286.0 | 4668.1 | 4236.5 | 3973.3 | 3750.2 | 3604.2 | 3565.7 | 3573.7 |
| 12.5° | 6292.1 | 6223.1 | 5846.0 | 4957.0 | 4416.2 | 4071.2 | 3735.8 | 3503.1 | 3369.9 | 3406.8 | 3532.0 |
| 15° | 6258.4 | 6165.4 | 5744.9 | 4844.7 | 4278.2 | 3833.7 | 3466.2 | 3198.2 | 3098.7 | 3179.0 | 3379.6 |
| 17.5° | 6476.7 | 6359.5 | 5918.2 | 4881.6 | 4146.6 | 3591.4 | 3140.4 | 2833.9 | 2750.5 | 2878.9 | 3140.4 |
| 20° | 7177.9 | 7004.6 | 6459.0 | 5095.0 | 4133.8 | 3471.0 | 2951.1 | 2643.0 | 2678.3 | 2922.2 | 3195.0 |
| 22.5° | 8474.6 | 8214.6 | 7405.8 | 5406.3 | 4201.2 | 3440.5 | 2912.6 | 2752.1 | 2946.3 | 3153.3 | 3333.0 |
| 25° | 8731.3 | 8527.5 | 7575.9 | 5476.9 | 4186.7 | 3419.7 | 3021.7 | 3101.9 | 3318.6 | 3421.3 | 3358.7 |
| 27.5° | 8875.7 | 8643.0 | 7564.7 | 5127.1 | 3743.8 | 3101.9 | 2888.5 | 3021.7 | 3076.3 | 2976.8 | 2806.7 |
| 30° | 9212.7 | 8970.4 | 7755.6 | 4759.6 | 3082.7 | 2301.2 | 2017.1 | 1962.6 | 1999.5 | 2018.7 | 1957.8 |
| 32.5° | 9676.5 | 9437.4 | 8115.1 | 4518.9 | 2665.4 | 1903.2 | 1624.0 | 1547.0 | 1529.3 | 1508.4 | 1484.4 |
| 35° | 10276.7 | 9909.2 | 8468.1 | 4364.9 | 2493.7 | 1760.4 | 1503.6 | 1444.3 | 1420.2 | 1391.3 | 1365.6 |
| 37.5° | 10886.5 | 10501.3 | 8914.2 | 4202.8 | 2379.8 | 1660.9 | 1423.4 | 1396.1 | 1354.4 | 1323.9 | 1287.0 |
| 40° | 11534.8 | 11103.1 | 9320.2 | 4061.6 | 2269.1 | 1596.7 | 1365.6 | 1362.4 | 1307.9 | 1272.5 | 1229.2 |
| 42.5° | 12096.4 | 11651.9 | 9682.9 | 3974.9 | 2184.0 | 1529.3 | 1330.3 | 1339.9 | 1283.8 | 1230.8 | 1174.7 |
| 45° | 12542.5 | 12106.0 | 10018.3 | 3974.9 | 2115.0 | 1461.9 | 1323.9 | 1317.5 | 1261.3 | 1195.5 | 1131.3 |
| 47.5° | 12934.1 | 12483.2 | 10345.7 | 4076.0 | 2071.7 | 1405.7 | 1288.6 | 1299.8 | 1242.1 | 1158.6 | 1096.0 |
| 50° | 13237.4 | 12839.4 | 10787.0 | 4233.3 | 2028.4 | 1360.8 | 1243.7 | 1304.6 | 1226.0 | 1139.4 | 1067.1 |
| 52.5° | 13624.1 | 13267.9 | 11318.1 | 4448.3 | 1991.5 | 1311.1 | 1203.5 | 1304.6 | 1224.4 | 1141.0 | 1062.3 |
| 55° | 14160.1 | 13784.6 | 11958.4 | 4626.4 | 1932.1 | 1264.5 | 1168.2 | 1267.7 | 1219.6 | 1132.9 | 1049.5 |
| 57.5° | 14535.6 | 14254.8 | 12410.9 | 4745.2 | 1847.0 | 1205.1 | 1136.1 | 1232.4 | 1198.7 | 1102.4 | 1011.0 |
| 58° | 14553.3 | 14278.8 | 12476.7 | 4772.5 | 1826.2 | 1193.9 | 1128.1 | 1216.4 | 1189.1 | 1089.6 | 998.1 |
| 60° | 14351.1 | 14115.2 | 12489.6 | 4733.9 | 1707.4 | 1137.8 | 1086.4 | 1150.6 | 1137.8 | 1014.2 | 929.1 |
| 62.5° | 13616.1 | 13364.1 | 11971.2 | 4421.0 | 1550.2 | 1068.7 | 1022.2 | 1062.3 | 1033.4 | 908.3 | 829.6 |
| 65° | 12571.4 | 12107.7 | 10905.7 | 3930.0 | 1437.8 | 994.9 | 935.6 | 938.8 | 908.3 | 818.4 | 749.4 |
| 67.5° | 11180.1 | 10661.8 | 9233.6 | 3312.2 | 1352.8 | 913.1 | 832.9 | 824.8 | 787.9 | 730.1 | 674.0 |
| 70° | 9467.9 | 9113.2 | 7503.7 | 2694.3 | 1258.1 | 823.2 | 717.3 | 712.5 | 690.0 | 646.7 | 597.0 |
| 72.5° | 7673.8 | 7222.9 | 6059.4 | 2156.8 | 1142.6 | 736.6 | 609.8 | 619.4 | 590.5 | 560.0 | 515.1 |
| 75° | 5663.1 | 5367.8 | 4684.2 | 1729.9 | 986.9 | 641.9 | 508.7 | 511.9 | 499.1 | 467.0 | 431.7 |
| 77.5° | 3729.4 | 3641.1 | 3350.7 | 1136.1 | 759.0 | 510.3 | 415.6 | 418.8 | 409.2 | 380.3 | 343.4 |
| 80° | 2509.8 | 2450.4 | 2270.7 | 731.8 | 507.1 | 369.1 | 320.9 | 324.2 | 322.5 | 292.1 | 242.3 |
| 82.5° | 1547.0 | 1521.3 | 1463.5 | 494.3 | 351.4 | 264.8 | 211.8 | 221.5 | 239.1 | 205.4 | 165.3 |
| 85° | 730.1 | 731.8 | 884.2 | 269.6 | 207.0 | 170.1 | 115.5 | 123.6 | 123.6 | 123.6 | 93.1 |
| 87.5° | 94.7 | 99.5 | 122.0 | 113.9 | 75.4 | 64.2 | 41.7 | 35.3 | 30.5 | 40.1 | 28.9 |
| 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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CATALOG NUMBER: GLAN-SA6B-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 |
| 2.5° | 5295.6 | 5263.5 | 5194.5 | 5178.4 | 5168.8 | 5196.1 | 5123.9 | 5143.1 | 5111.0 | 5200.9 | 5186.5 |
| 5° | 4433.9 | 4437.1 | 4493.2 | 4530.1 | 4543.0 | 4530.1 | 4482.0 | 4398.6 | 4334.4 | 4308.7 | 4315.1 |
| 7.5° | 3820.9 | 3877.0 | 3973.3 | 4080.8 | 4178.7 | 4207.6 | 4180.3 | 4021.4 | 3848.1 | 3739.0 | 3703.7 |
| 10° | 3617.1 | 3692.5 | 3803.2 | 3888.2 | 3974.9 | 4043.9 | 4058.3 | 3934.8 | 3729.4 | 3471.0 | 3369.9 |
| 12.5° | 3628.3 | 3731.0 | 3836.9 | 3864.2 | 3856.2 | 3883.4 | 3870.6 | 3849.7 | 3714.9 | 3386.0 | 3217.5 |
| 15° | 3522.4 | 3644.3 | 3718.1 | 3703.7 | 3678.0 | 3654.0 | 3620.3 | 3567.3 | 3519.2 | 3288.1 | 3101.9 |
| 17.5° | 3278.5 | 3403.6 | 3464.6 | 3469.4 | 3469.4 | 3463.0 | 3381.2 | 3361.9 | 3355.5 | 3243.1 | 3129.2 |
| 20° | 3323.4 | 3392.4 | 3365.1 | 3320.2 | 3333.0 | 3376.3 | 3328.2 | 3318.6 | 3355.5 | 3405.2 | 3384.4 |
| 22.5° | 3349.1 | 3325.0 | 3119.6 | 2920.6 | 2875.7 | 3010.5 | 3037.7 | 3145.3 | 3294.5 | 3474.2 | 3591.4 |
| 25° | 3190.2 | 2996.0 | 2628.5 | 2403.9 | 2277.1 | 2402.3 | 2566.0 | 2764.9 | 2988.0 | 3219.1 | 3355.5 |
| 27.5° | 2667.1 | 2519.4 | 2256.2 | 2054.0 | 1943.3 | 1962.6 | 2102.2 | 2283.5 | 2490.5 | 2646.2 | 2745.7 |
| 30° | 2009.1 | 1943.3 | 1806.9 | 1737.9 | 1670.5 | 1654.5 | 1713.8 | 1782.8 | 1874.3 | 1893.6 | 1919.3 |
| 32.5° | 1479.6 | 1469.9 | 1478.0 | 1455.5 | 1442.6 | 1441.0 | 1423.4 | 1439.4 | 1449.1 | 1460.3 | 1437.8 |
| 35° | 1338.3 | 1325.5 | 1303.0 | 1296.6 | 1288.6 | 1291.8 | 1283.8 | 1275.8 | 1282.2 | 1291.8 | 1298.2 |
| 37.5° | 1266.1 | 1246.9 | 1214.8 | 1203.5 | 1203.5 | 1208.4 | 1195.5 | 1192.3 | 1203.5 | 1234.0 | 1250.1 |
| 40° | 1210.0 | 1187.5 | 1150.6 | 1136.1 | 1145.8 | 1158.6 | 1141.0 | 1134.5 | 1161.8 | 1193.9 | 1219.6 |
| 42.5° | 1157.0 | 1139.4 | 1104.1 | 1088.0 | 1096.0 | 1120.1 | 1094.4 | 1089.6 | 1124.9 | 1160.2 | 1190.7 |
| 45° | 1112.1 | 1094.4 | 1062.3 | 1054.3 | 1057.5 | 1080.0 | 1062.3 | 1062.3 | 1096.0 | 1134.5 | 1161.8 |
| 47.5° | 1076.8 | 1054.3 | 1033.4 | 1027.0 | 1030.2 | 1043.1 | 1039.9 | 1039.9 | 1072.0 | 1112.1 | 1139.4 |
| 50° | 1041.5 | 1022.2 | 994.9 | 998.1 | 1006.2 | 1023.8 | 1022.2 | 1027.0 | 1059.1 | 1108.9 | 1137.8 |
| 52.5° | 1025.4 | 996.5 | 966.0 | 969.3 | 993.3 | 1014.2 | 1007.8 | 1012.6 | 1049.5 | 1142.6 | 1184.3 |
| 55° | 1007.8 | 969.3 | 933.9 | 938.8 | 966.0 | 996.5 | 988.5 | 994.9 | 1038.3 | 1165.0 | 1222.8 |
| 57.5° | 974.1 | 929.1 | 890.6 | 893.8 | 933.9 | 966.0 | 953.2 | 961.2 | 1012.6 | 1141.0 | 1201.9 |
| 58° | 959.6 | 921.1 | 884.2 | 885.8 | 924.3 | 959.6 | 945.2 | 951.6 | 1004.6 | 1134.5 | 1192.3 |
| 60° | 898.6 | 876.2 | 844.1 | 845.7 | 882.6 | 913.1 | 905.1 | 911.5 | 962.8 | 1088.0 | 1131.3 |
| 62.5° | 815.2 | 802.4 | 794.3 | 794.3 | 816.8 | 845.7 | 853.7 | 861.7 | 908.3 | 983.7 | 1022.2 |
| 65° | 725.3 | 725.3 | 726.9 | 726.9 | 741.4 | 778.3 | 783.1 | 804.0 | 847.3 | 884.2 | 913.1 |
| 67.5° | 664.4 | 661.1 | 664.4 | 656.3 | 662.8 | 685.2 | 709.3 | 728.5 | 773.5 | 799.2 | 808.8 |
| 70° | 585.7 | 584.1 | 585.7 | 574.5 | 582.5 | 601.8 | 617.8 | 649.9 | 696.5 | 715.7 | 720.5 |
| 72.5° | 508.7 | 508.7 | 511.9 | 503.9 | 503.9 | 524.7 | 536.0 | 571.3 | 614.6 | 625.8 | 627.4 |
| 75° | 428.5 | 433.3 | 433.3 | 422.0 | 425.3 | 438.1 | 452.5 | 481.4 | 521.5 | 529.6 | 529.6 |
| 77.5° | 340.2 | 357.9 | 357.9 | 346.6 | 351.4 | 353.0 | 372.3 | 386.7 | 417.2 | 420.4 | 407.6 |
| 80° | 247.1 | 264.8 | 279.2 | 269.6 | 277.6 | 268.0 | 279.2 | 288.9 | 319.3 | 304.9 | 284.0 |
| 82.5° | 176.5 | 189.4 | 200.6 | 202.2 | 194.2 | 176.5 | 191.0 | 192.6 | 207.0 | 187.8 | 176.5 |
| 85° | 97.9 | 109.1 | 123.6 | 117.1 | 104.3 | 93.1 | 97.9 | 101.1 | 99.5 | 94.7 | 88.3 |
| 87.5° | 25.7 | 27.3 | 30.5 | 22.5 | 20.9 | 17.7 | 24.1 | 24.1 | 27.3 | 28.9 | 27.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 |
| 2.5° | 5197.7 | 5268.3 | 5420.8 | 5536.3 | 5677.5 | 5849.2 | 6051.4 | 6255.2 | 6475.1 | 6544.1 | 6640.4 |
| 5° | 4300.7 | 4477.2 | 4551.0 | 4761.2 | 4969.8 | 5282.8 | 5616.5 | 6003.3 | 6426.9 | 6630.7 | 6826.5 |
| 7.5° | 3674.8 | 3769.5 | 3846.5 | 4000.6 | 4250.9 | 4631.2 | 5050.1 | 5533.1 | 6133.3 | 6430.1 | 6717.4 |
| 10° | 3337.8 | 3347.5 | 3442.1 | 3633.1 | 3851.3 | 4186.7 | 4583.1 | 5123.9 | 5793.1 | 6154.1 | 6491.1 |
| 12.5° | 3114.8 | 3073.0 | 3175.8 | 3374.7 | 3621.9 | 3931.6 | 4295.8 | 4811.0 | 5547.5 | 5918.2 | 6325.8 |
| 15° | 2919.0 | 2853.2 | 2930.2 | 3134.0 | 3377.9 | 3742.2 | 4133.8 | 4679.4 | 5451.3 | 5882.9 | 6335.5 |
| 17.5° | 2923.8 | 2742.5 | 2769.8 | 2941.5 | 3183.8 | 3554.5 | 4029.5 | 4674.6 | 5597.3 | 6094.7 | 6630.7 |
| 20° | 3284.9 | 2994.4 | 2870.9 | 2902.9 | 3137.2 | 3541.6 | 4077.6 | 4899.2 | 6077.1 | 6802.4 | 7375.3 |
| 22.5° | 3639.5 | 3464.6 | 3265.6 | 3199.8 | 3328.2 | 3751.8 | 4384.1 | 5430.4 | 7120.2 | 8213.0 | 9248.0 |
| 25° | 3516.0 | 3665.2 | 3615.4 | 3522.4 | 3551.3 | 3902.7 | 4592.7 | 5866.9 | 7930.6 | 9161.4 | 10133.8 |
| 27.5° | 2813.1 | 3084.3 | 3138.8 | 3137.2 | 3148.5 | 3437.3 | 4130.6 | 5573.2 | 8031.6 | 9342.7 | 10271.8 |
| 30° | 1977.0 | 2001.1 | 2030.0 | 2086.1 | 2137.5 | 2395.9 | 3231.9 | 4892.8 | 7986.7 | 9424.5 | 10355.3 |
| 32.5° | 1426.6 | 1458.7 | 1498.8 | 1575.8 | 1697.8 | 2026.8 | 2827.5 | 4676.2 | 8224.2 | 9763.1 | 10599.2 |
| 35° | 1304.6 | 1341.6 | 1380.1 | 1468.3 | 1583.9 | 1888.8 | 2667.1 | 4586.3 | 8614.2 | 10312.0 | 11037.3 |
| 37.5° | 1266.1 | 1307.9 | 1341.6 | 1405.7 | 1498.8 | 1789.3 | 2521.0 | 4525.3 | 9013.7 | 10892.9 | 11624.6 |
| 40° | 1238.8 | 1287.0 | 1314.3 | 1365.6 | 1429.8 | 1697.8 | 2391.0 | 4477.2 | 9400.5 | 11424.0 | 12096.4 |
| 42.5° | 1214.8 | 1264.5 | 1299.8 | 1336.7 | 1389.7 | 1616.0 | 2275.5 | 4429.0 | 9735.9 | 11939.2 | 12566.6 |
| 45° | 1185.9 | 1248.5 | 1293.4 | 1322.3 | 1368.8 | 1547.0 | 2187.2 | 4390.5 | 10117.8 | 12396.5 | 13041.6 |
| 47.5° | 1161.8 | 1230.8 | 1287.0 | 1320.7 | 1338.3 | 1498.8 | 2116.6 | 4443.5 | 10576.7 | 12874.7 | 13482.9 |
| 50° | 1163.4 | 1229.2 | 1299.8 | 1352.8 | 1306.2 | 1458.7 | 2073.3 | 4653.7 | 11173.7 | 13442.8 | 13831.1 |
| 52.5° | 1214.8 | 1295.0 | 1351.2 | 1364.0 | 1261.3 | 1410.6 | 2050.8 | 5021.2 | 11879.8 | 13945.1 | 14182.6 |
| 55° | 1272.5 | 1356.0 | 1417.0 | 1408.9 | 1237.2 | 1349.6 | 2046.0 | 5412.7 | 12653.3 | 14530.8 | 14639.9 |
| 57.5° | 1251.7 | 1373.6 | 1466.7 | 1425.0 | 1238.8 | 1290.2 | 2025.2 | 5728.9 | 13300.0 | 14968.9 | 15092.4 |
| 58° | 1245.3 | 1367.2 | 1473.1 | 1421.8 | 1234.0 | 1272.5 | 2020.3 | 5756.1 | 13389.8 | 14999.4 | 15156.6 |
| 60° | 1182.7 | 1311.1 | 1468.3 | 1397.7 | 1206.8 | 1224.4 | 1967.4 | 5844.4 | 13365.8 | 14842.1 | 15195.1 |
| 62.5° | 1068.7 | 1174.7 | 1357.6 | 1280.6 | 1123.3 | 1160.2 | 1848.6 | 5735.3 | 12714.2 | 14084.7 | 14631.9 |
| 65° | 940.4 | 1019.0 | 1141.0 | 1126.5 | 1004.6 | 1094.4 | 1686.6 | 5303.6 | 11409.6 | 12855.5 | 13431.5 |
| 67.5° | 844.1 | 908.3 | 985.3 | 964.4 | 903.5 | 1006.2 | 1511.7 | 4573.5 | 9946.1 | 11379.1 | 12104.4 |
| 70° | 746.2 | 795.9 | 834.5 | 820.0 | 800.8 | 919.5 | 1356.0 | 3711.7 | 8543.6 | 9976.6 | 10679.4 |
| 72.5° | 646.7 | 693.2 | 725.3 | 704.5 | 693.2 | 828.0 | 1229.2 | 2880.5 | 6747.9 | 8230.6 | 9134.1 |
| 75° | 540.8 | 587.3 | 609.8 | 585.7 | 579.3 | 730.1 | 1041.5 | 2151.9 | 5062.9 | 6345.1 | 7125.0 |
| 77.5° | 418.8 | 468.6 | 497.5 | 489.4 | 492.7 | 600.2 | 840.9 | 1473.1 | 3620.3 | 4324.7 | 5146.4 |
| 80° | 293.7 | 348.2 | 367.5 | 359.5 | 381.9 | 457.3 | 593.7 | 935.6 | 2497.0 | 2806.7 | 3386.0 |
| 82.5° | 181.3 | 232.7 | 235.9 | 243.9 | 260.0 | 338.6 | 447.7 | 569.7 | 1567.8 | 1620.8 | 2041.2 |
| 85° | 91.5 | 110.7 | 118.7 | 131.6 | 146.0 | 207.0 | 255.2 | 353.0 | 1009.4 | 763.8 | 1141.0 |
| 87.5° | 30.5 | 32.1 | 38.5 | 48.1 | 59.4 | 85.1 | 109.1 | 144.4 | 250.3 | 138.0 | 353.0 |
| 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):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 | 6104.4 |
| 2.5° | 6834.5 | 6970.9 | 7070.4 | 7161.9 | 7073.6 | 7065.6 | 6978.9 | 6839.3 | 6781.6 | 6781.6 |
| 5° | 7237.3 | 7556.6 | 7815.0 | 7980.3 | 7909.7 | 7739.6 | 7458.8 | 7100.9 | 6908.3 | 6874.6 |
| 7.5° | 7348.0 | 7978.7 | 8458.5 | 8628.6 | 8509.9 | 8134.4 | 7596.8 | 6993.4 | 6717.4 | 6656.4 |
| 10° | 7280.6 | 8100.7 | 8805.1 | 9074.7 | 8909.4 | 8341.4 | 7608.0 | 6868.2 | 6528.0 | 6457.4 |
| 12.5° | 7210.0 | 8116.7 | 8869.3 | 9259.3 | 9151.7 | 8508.3 | 7689.8 | 6786.4 | 6393.2 | 6292.1 |
| 15° | 7261.4 | 8123.1 | 8790.7 | 9193.5 | 9262.5 | 8708.8 | 7824.6 | 6845.8 | 6365.9 | 6258.4 |
| 17.5° | 7585.5 | 8245.1 | 8678.4 | 9004.1 | 9246.4 | 8981.6 | 8208.2 | 7129.8 | 6609.9 | 6476.7 |
| 20° | 8262.7 | 8537.1 | 8742.5 | 8994.5 | 9384.4 | 9538.5 | 8992.9 | 7909.7 | 7295.1 | 7177.9 |
| 22.5° | 10223.7 | 10174.0 | 9753.5 | 9748.7 | 10313.6 | 10931.4 | 10894.5 | 9495.2 | 8570.8 | 8474.6 |
| 25° | 10958.7 | 10727.6 | 10119.4 | 9971.8 | 10220.5 | 11173.7 | 11035.7 | 9819.3 | 8965.6 | 8731.3 |
| 27.5° | 10671.4 | 10098.5 | 9699.0 | 9665.3 | 9583.4 | 10483.7 | 10815.8 | 9950.9 | 9103.6 | 8875.7 |
| 30° | 10653.8 | 9811.3 | 9240.0 | 9307.4 | 9386.0 | 10246.2 | 10937.8 | 10363.3 | 9456.6 | 9212.7 |
| 32.5° | 10697.1 | 9851.4 | 9273.7 | 9286.5 | 9520.8 | 10281.5 | 11072.6 | 10812.6 | 9920.4 | 9676.5 |
| 35° | 10872.0 | 10079.3 | 9488.7 | 9458.2 | 9824.1 | 10512.6 | 11302.1 | 11518.7 | 10554.3 | 10276.7 |
| 37.5° | 11154.4 | 10533.4 | 9881.9 | 9873.9 | 10405.0 | 10929.8 | 11587.7 | 12231.2 | 11184.9 | 10886.5 |
| 40° | 11570.1 | 11064.6 | 10581.6 | 10538.2 | 11194.6 | 11608.6 | 11958.4 | 12990.2 | 11918.3 | 11534.8 |
| 42.5° | 12072.3 | 11701.7 | 11504.3 | 11676.0 | 12306.6 | 12370.8 | 12536.1 | 13691.5 | 12542.5 | 12096.4 |
| 45° | 12537.7 | 12520.1 | 12794.5 | 13250.2 | 13617.7 | 13232.6 | 13139.5 | 14161.7 | 13027.2 | 12542.5 |
| 47.5° | 13091.3 | 13569.6 | 14397.6 | 15065.2 | 15450.3 | 14235.5 | 13654.6 | 14468.2 | 13380.2 | 12934.1 |
| 50° | 13653.0 | 14826.1 | 16148.3 | 17079.1 | 17160.9 | 15325.1 | 14009.2 | 14757.1 | 13701.1 | 13237.4 |
| 52.5° | 14243.5 | 15829.0 | 17589.4 | 18671.0 | 18512.1 | 16273.5 | 14352.7 | 14952.8 | 14031.7 | 13624.1 |
| 55° | 14757.1 | 16443.6 | 18395.0 | 19433.2 | 19200.5 | 16851.2 | 14723.4 | 15164.7 | 14503.5 | 14160.1 |
| 57.5° | 15044.3 | 16495.0 | 18194.4 | 19101.0 | 18849.1 | 16738.9 | 14893.5 | 15321.9 | 14805.2 | 14535.6 |
| 58° | 15086.0 | 16426.0 | 18016.2 | 18908.5 | 18651.7 | 16644.2 | 14891.8 | 15315.5 | 14824.4 | 14553.3 |
| 60° | 15049.1 | 15978.2 | 17353.5 | 18147.8 | 17878.2 | 16050.5 | 14830.9 | 15195.1 | 14580.5 | 14351.1 |
| 62.5° | 14707.3 | 15201.6 | 16209.3 | 16787.0 | 16710.0 | 15122.9 | 14580.5 | 14741.0 | 13837.5 | 13616.1 |
| 65° | 14258.0 | 14142.4 | 14744.2 | 15153.4 | 15211.2 | 14428.1 | 14331.8 | 13758.9 | 12884.3 | 12571.4 |
| 67.5° | 13712.4 | 12942.1 | 12940.5 | 13173.2 | 13269.5 | 13359.3 | 13813.5 | 12691.8 | 11510.7 | 11180.1 |
| 70° | 12786.4 | 11091.9 | 10581.6 | 10856.0 | 10775.7 | 11534.8 | 12887.5 | 11193.0 | 9854.6 | 9467.9 |
| 72.5° | 11088.6 | 8801.9 | 7985.1 | 8338.2 | 8136.0 | 9045.8 | 11276.4 | 9211.1 | 8148.8 | 7673.8 |
| 75° | 8988.1 | 6584.2 | 5741.7 | 6065.9 | 5940.7 | 6861.8 | 9382.8 | 6690.1 | 5844.4 | 5663.1 |
| 77.5° | 6978.9 | 4770.8 | 4281.4 | 4236.5 | 4329.5 | 5106.2 | 6882.7 | 4517.3 | 3852.9 | 3729.4 |
| 80° | 4483.6 | 3414.9 | 3443.7 | 3386.0 | 3434.1 | 3219.1 | 4178.7 | 2882.1 | 2609.3 | 2509.8 |
| 82.5° | 2951.1 | 2379.8 | 2837.2 | 2618.9 | 2487.3 | 2164.8 | 2740.9 | 1887.2 | 1601.5 | 1547.0 |
| 85° | 2010.7 | 1752.4 | 1595.1 | 1219.6 | 1436.2 | 1667.3 | 2055.7 | 1015.8 | 805.6 | 730.1 |
| 87.5° | 908.3 | 609.8 | 447.7 | 276.0 | 436.5 | 503.9 | 998.1 | 118.7 | 91.5 | 94.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)