

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: P653880

Luminaire Tested: **GLAN-SA5A-840-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P653880
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5A-840-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 80 CRI, 4000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14344.1 lumens
Efficiency: N/A
Efficacy: 93.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

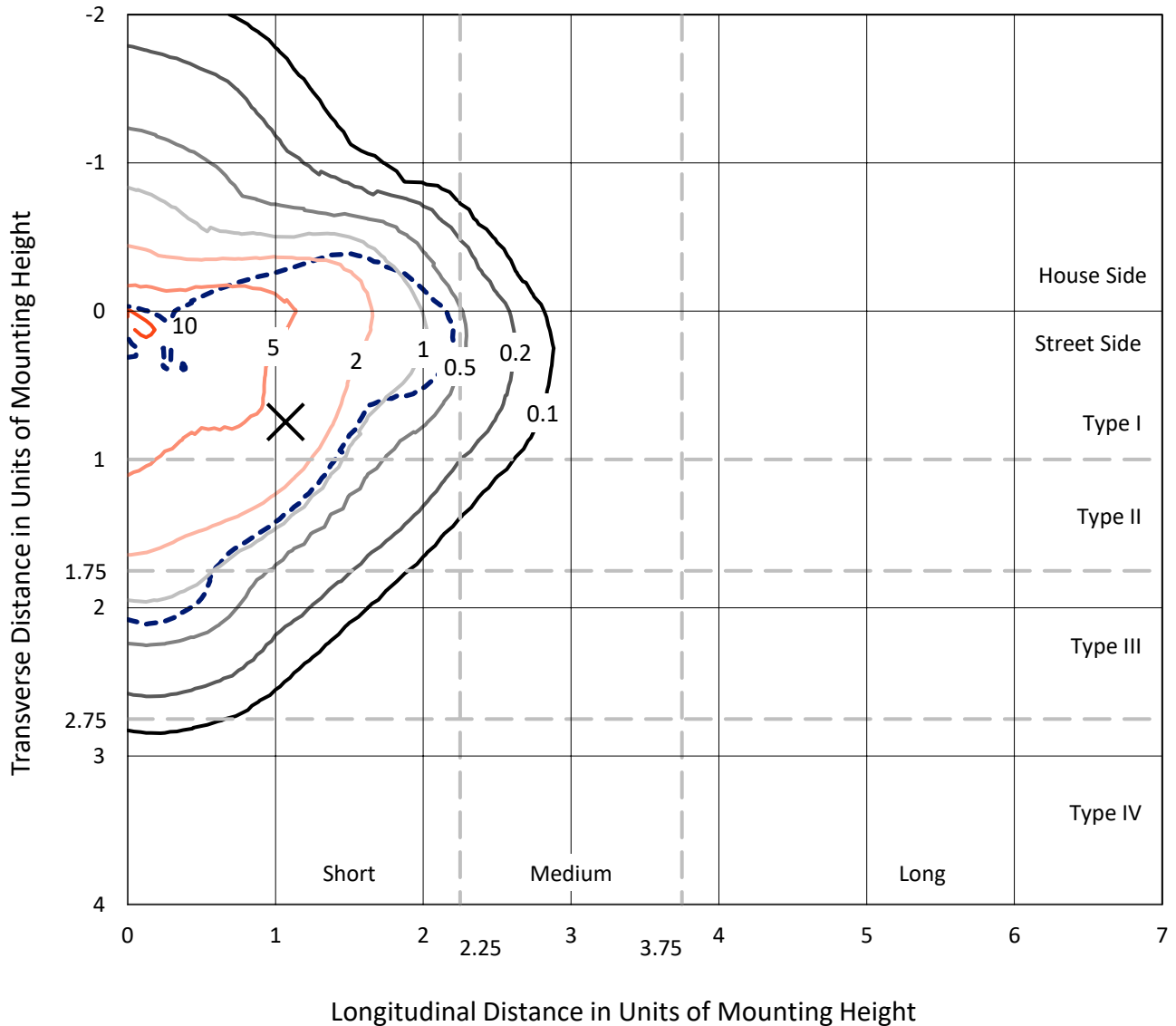
Input Watts (W): 154
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P653880
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Iso-Footcandle Lines of Horizontal Illumination

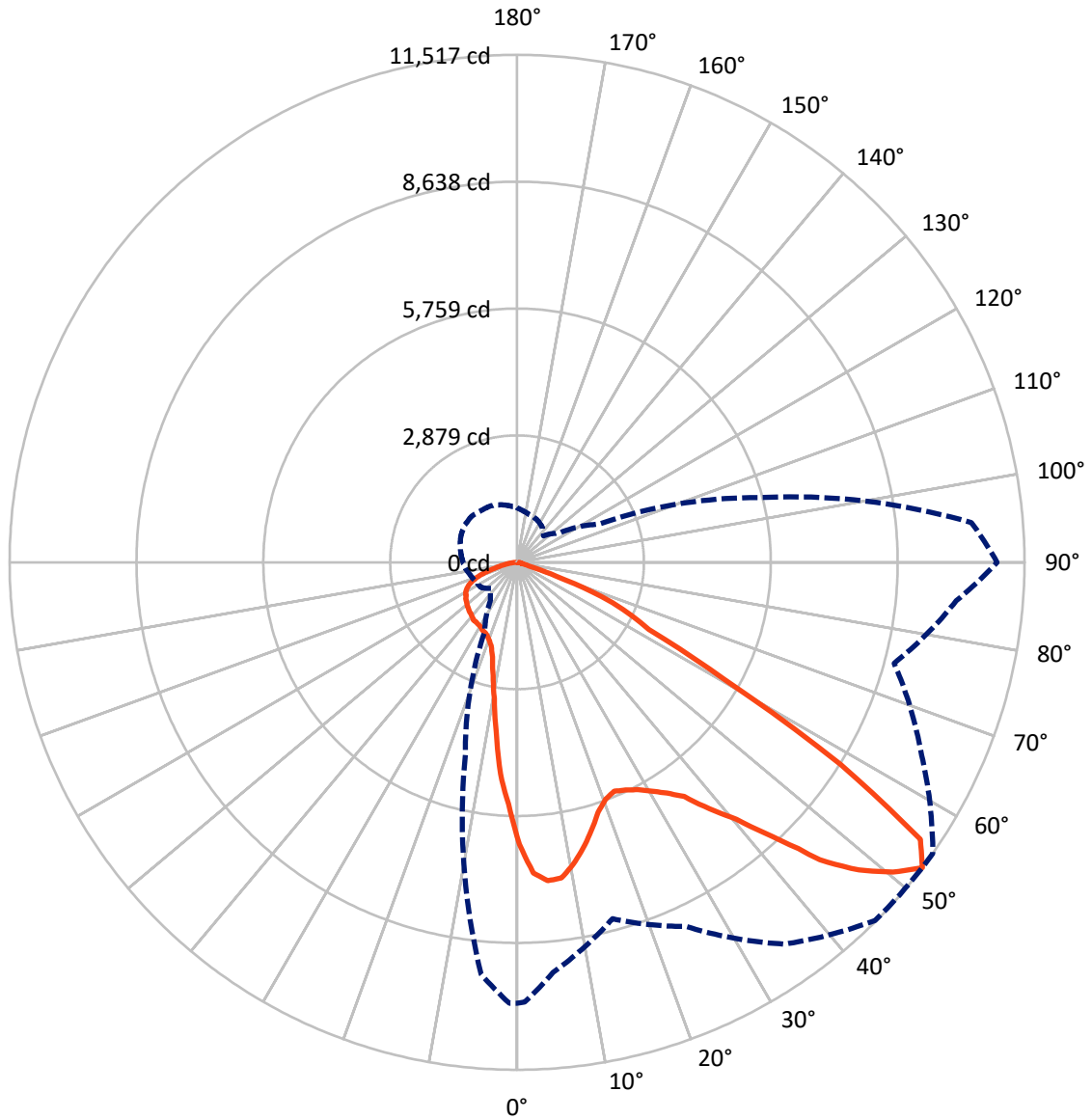
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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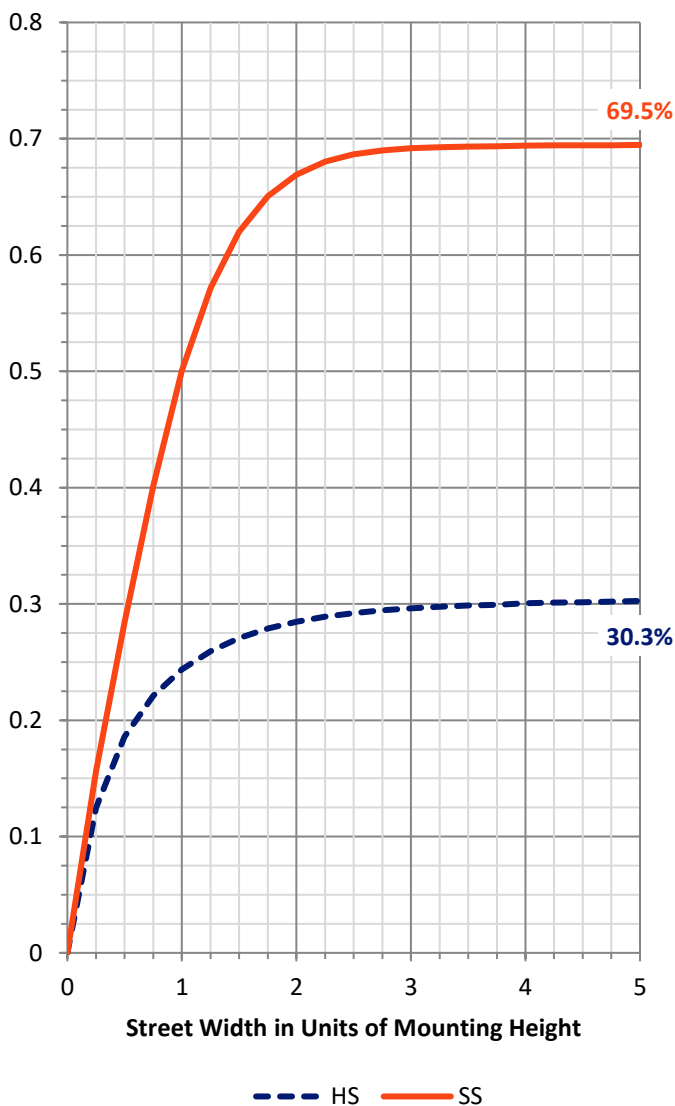
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4375.7 | 0.0 | 4375.7 |
| | % Fixture | 30.5 | 0.0 | 30.5 |
| Street Side | Lumens | 9968.4 | 0.0 | 9968.4 |
| | % Fixture | 69.5 | 0.0 | 69.5 |
| Total | Lumens | 14344.1 | 0.0 | 14344.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 488.8 | 3.4 |
| 10°-20° | 1054.0 | 7.3 |
| 20°-30° | 1598.2 | 11.1 |
| 30°-40° | 2309.2 | 16.1 |
| 40°-50° | 3085.7 | 21.5 |
| 50°-60° | 3444.3 | 24.0 |
| 60°-70° | 1889.4 | 13.2 |
| 70°-80° | 408.5 | 2.8 |
| 80°-90° | 66.1 | 0.5 |
| 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° | 14344.1 | 100.0 |
| 0°-180° | 14344.1 | 100.0 |

Coefficient of Utilization

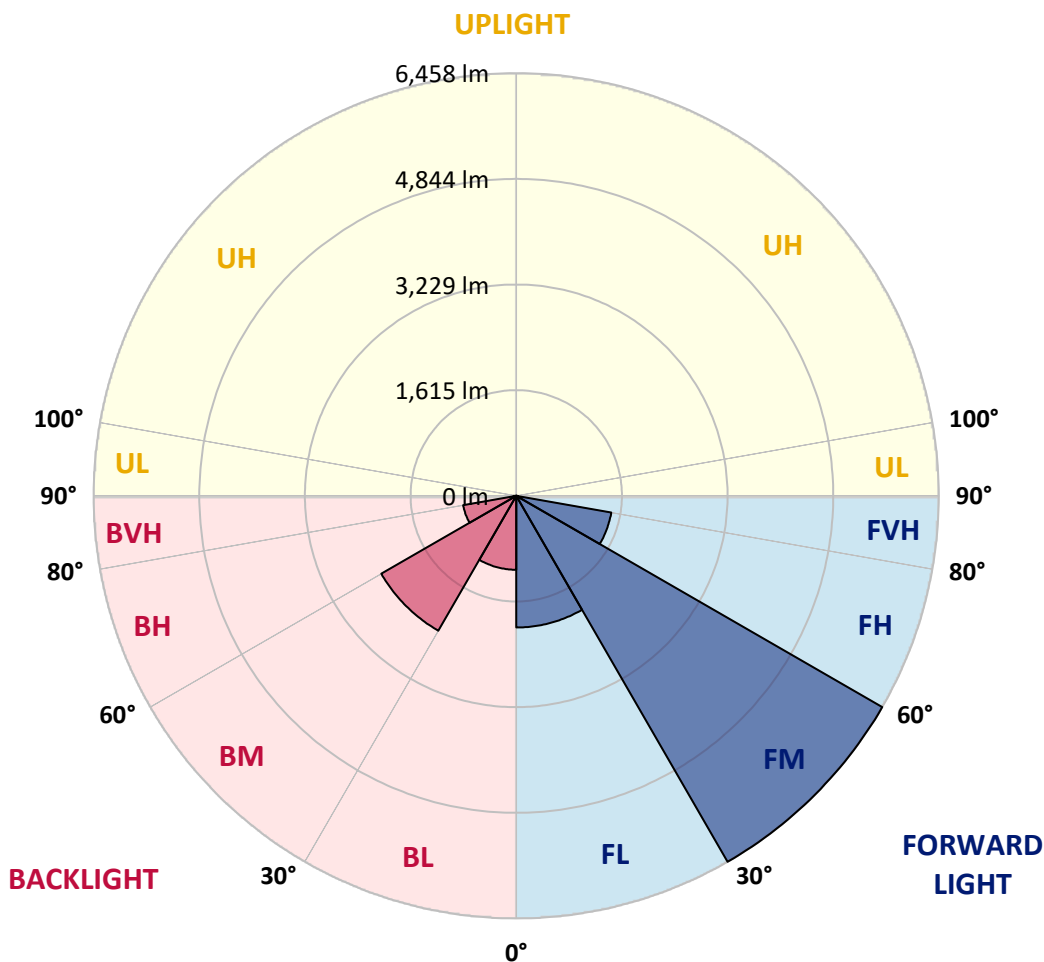


REPORT NUMBER: P653880
 CATALOG NUMBER: GLAN-SA5A-840-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2011.3 | 14.0 | | | |
| FM (30°-60°) | 6458.4 | 45.0 | | | |
| FH (60°-80°) | 1474.2 | 10.3 | | | G1/1800 |
| FVH (80°-90°) | 24.5 | 0.2 | | | G1/100 |
| BL (0°-30°) | 1129.8 | 7.9 | B3/2500 | | |
| BM (30°-60°) | 2380.8 | 16.6 | B2/2500 | | |
| BH (60°-80°) | 823.6 | 5.7 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 41.6 | 0.3 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G2
 Type II Short





REPORT NUMBER: P653880

CATALOG NUMBER: GLAN-SA5A-840-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|---------|---------|---------|---------|--------|---------|
| 0° | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 |
| 2.5° | 6714.9 | 6677.1 | 6710.7 | 6869.8 | 6962.0 | 7024.8 | 7064.7 | 7058.3 | 6907.6 | 6760.9 | 6760.9 |
| 5° | 6518.0 | 6469.8 | 6538.9 | 6899.1 | 7261.5 | 7292.9 | 7345.3 | 7259.4 | 7037.4 | 6769.3 | 6434.2 |
| 7.5° | 5948.3 | 5983.9 | 6099.1 | 6572.4 | 7043.7 | 7280.4 | 7343.2 | 7234.3 | 6874.0 | 6373.4 | 5881.3 |
| 10° | 5456.1 | 5539.8 | 5805.8 | 6316.9 | 6750.5 | 7058.3 | 7127.5 | 6974.6 | 6689.7 | 6076.1 | 5636.2 |
| 12.5° | 5286.4 | 5234.0 | 5529.4 | 6040.4 | 6455.1 | 6620.6 | 6652.0 | 6662.5 | 6469.8 | 5925.3 | 5389.0 |
| 15° | 5265.5 | 5299.0 | 5529.4 | 5916.9 | 6172.4 | 6180.8 | 6233.2 | 6314.8 | 6340.0 | 6027.9 | 5504.3 |
| 17.5° | 5567.1 | 5527.3 | 5764.0 | 6071.9 | 5950.3 | 5828.9 | 5841.4 | 5958.7 | 6166.1 | 6115.8 | 5866.6 |
| 20° | 6013.2 | 6103.2 | 6289.7 | 6258.2 | 5931.5 | 5623.6 | 5625.7 | 5736.7 | 6145.2 | 6480.2 | 6371.3 |
| 22.5° | 6754.7 | 6842.6 | 6980.8 | 6601.8 | 5931.5 | 5562.9 | 5491.6 | 5642.4 | 6279.2 | 6913.8 | 6941.0 |
| 25° | 7431.2 | 7592.4 | 7630.1 | 7184.0 | 6229.0 | 5619.5 | 5573.4 | 5722.1 | 6413.2 | 7336.9 | 7594.5 |
| 27.5° | 8046.9 | 8105.6 | 8271.0 | 7558.9 | 6394.4 | 5657.2 | 5652.9 | 5843.5 | 6582.9 | 7548.4 | 8178.9 |
| 30° | 8532.9 | 8526.6 | 8620.8 | 7795.6 | 6658.3 | 5868.7 | 5665.5 | 6025.8 | 6804.9 | 7898.3 | 8719.2 |
| 32.5° | 8863.7 | 8935.0 | 9133.9 | 8124.4 | 6769.3 | 6069.7 | 5910.5 | 6239.4 | 7075.1 | 8063.7 | 9100.5 |
| 35° | 9446.0 | 9569.6 | 9318.3 | 8306.6 | 7121.2 | 6268.7 | 6082.3 | 6530.5 | 7209.1 | 8243.8 | 9567.5 |
| 37.5° | 9994.8 | 9900.5 | 9645.0 | 8405.0 | 7349.5 | 6637.3 | 6463.5 | 7093.9 | 7625.9 | 8635.5 | 9877.5 |
| 40° | 10346.7 | 10344.6 | 9890.1 | 8484.7 | 7510.7 | 7200.7 | 7190.3 | 7665.7 | 8137.0 | 8882.6 | 10225.1 |
| 42.5° | 10499.5 | 10646.1 | 9990.6 | 8476.3 | 7850.1 | 7883.5 | 8095.1 | 8520.3 | 8499.3 | 8932.8 | 10216.8 |
| 44° | 10709.0 | 10796.9 | 10164.4 | 8495.1 | 8076.2 | 8344.3 | 8842.8 | 9113.0 | 8815.6 | 8905.7 | 10206.3 |
| 45° | 10700.6 | 10706.9 | 9917.2 | 8520.3 | 8269.0 | 8729.7 | 9175.8 | 9632.4 | 9094.2 | 8847.0 | 10344.6 |
| 47.5° | 10455.6 | 10384.3 | 9707.8 | 8333.9 | 8870.0 | 9747.6 | 10160.2 | 10436.7 | 9437.6 | 8721.3 | 10172.8 |
| 50° | 9971.7 | 9890.1 | 9198.9 | 8254.2 | 8995.7 | 10380.1 | 10949.8 | 11050.4 | 9749.7 | 8597.8 | 10003.1 |
| 52.5° | 10005.2 | 9982.2 | 9343.4 | 8373.7 | 9121.4 | 10579.1 | 11492.3 | 11517.4 | 10103.7 | 8857.5 | 10005.2 |
| 55° | 10604.3 | 10524.7 | 9758.1 | 8522.4 | 9029.2 | 10346.7 | 11146.7 | 11102.7 | 9984.3 | 8700.4 | 10189.6 |
| 57.5° | 9703.6 | 9756.0 | 9184.2 | 7933.8 | 7902.4 | 8411.3 | 8763.2 | 8654.3 | 8331.8 | 7852.2 | 9479.5 |
| 60° | 7829.1 | 7977.8 | 8032.2 | 6635.2 | 5962.9 | 5701.1 | 5596.4 | 5403.7 | 5458.2 | 6451.0 | 8327.6 |
| 62.5° | 6714.9 | 6706.5 | 7047.8 | 6015.3 | 3906.2 | 3359.5 | 3309.3 | 3353.2 | 3981.5 | 6350.4 | 8155.8 |
| 65° | 5324.1 | 5466.5 | 5571.3 | 5097.9 | 3091.4 | 2494.5 | 2492.4 | 2771.0 | 3445.4 | 5307.4 | 6584.9 |
| 67.5° | 3380.5 | 3566.8 | 3696.7 | 3261.1 | 2067.3 | 1776.1 | 1727.9 | 2063.1 | 2387.7 | 3481.0 | 3964.8 |
| 70° | 1906.0 | 1993.9 | 2052.5 | 1880.8 | 1315.3 | 921.6 | 867.1 | 946.7 | 1443.1 | 2253.6 | 2350.0 |
| 72.5° | 735.1 | 775.0 | 854.5 | 860.8 | 496.4 | 297.4 | 240.9 | 289.1 | 607.4 | 892.2 | 850.3 |
| 75° | 113.1 | 121.4 | 171.7 | 205.3 | 142.4 | 108.9 | 115.2 | 119.4 | 169.6 | 230.3 | 192.7 |
| 77.5° | 54.5 | 54.5 | 52.4 | 60.7 | 71.2 | 77.5 | 83.8 | 92.2 | 100.5 | 111.0 | 106.8 |
| 80° | 35.6 | 35.6 | 35.6 | 41.9 | 52.4 | 62.8 | 71.2 | 75.4 | 79.6 | 88.0 | 83.8 |
| 82.5° | 23.0 | 23.0 | 23.0 | 31.5 | 41.9 | 52.4 | 56.5 | 67.0 | 75.4 | 88.0 | 81.7 |
| 85° | 12.5 | 12.5 | 12.5 | 20.9 | 31.5 | 44.0 | 41.9 | 33.5 | 18.8 | 2.1 | 4.2 |
| 87.5° | 4.2 | 4.2 | 4.2 | 4.2 | 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 | 0.0 |



REPORT NUMBER: P653880

CATALOG NUMBER: GLAN-SA5A-840-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 |
| 2.5° | 6584.9 | 6488.7 | 6480.2 | 6283.4 | 6107.4 | 6021.6 | 5952.4 | 5759.8 | 5801.6 | 5690.6 | 5688.5 |
| 5° | 6266.6 | 6069.7 | 5751.3 | 5489.5 | 5227.7 | 5175.4 | 4947.1 | 4748.1 | 4754.4 | 4612.0 | 4637.1 |
| 7.5° | 5694.8 | 5558.7 | 5171.2 | 4760.7 | 4413.1 | 4165.9 | 3950.2 | 3820.3 | 3654.8 | 3598.3 | 3569.0 |
| 10° | 5332.5 | 5164.9 | 4729.3 | 4214.1 | 3824.4 | 3692.5 | 3485.2 | 3370.0 | 3200.3 | 3116.6 | 3057.9 |
| 12.5° | 5173.3 | 4928.3 | 4383.7 | 3860.1 | 3600.4 | 3464.2 | 3288.3 | 3078.8 | 2877.8 | 2800.3 | 2693.5 |
| 15° | 5190.1 | 4896.8 | 4283.2 | 3717.6 | 3405.6 | 3141.7 | 2984.6 | 2752.1 | 2546.9 | 2410.7 | 2333.3 |
| 17.5° | 5443.5 | 5087.5 | 4329.2 | 3608.7 | 3160.6 | 2829.6 | 2521.7 | 2270.4 | 2107.0 | 2004.4 | 1979.3 |
| 20° | 6042.5 | 5558.7 | 4406.8 | 3432.8 | 2915.5 | 2502.9 | 2123.8 | 1862.0 | 1736.3 | 1734.2 | 1736.3 |
| 22.5° | 6541.0 | 6061.3 | 4563.9 | 3328.1 | 2670.4 | 2084.0 | 1707.0 | 1623.2 | 1598.1 | 1650.5 | 1656.7 |
| 25° | 7213.3 | 6626.9 | 4834.0 | 3273.7 | 2444.2 | 1776.1 | 1543.7 | 1512.2 | 1510.1 | 1577.1 | 1579.2 |
| 27.5° | 7902.4 | 7121.2 | 4995.3 | 3114.5 | 2213.8 | 1616.9 | 1445.2 | 1438.9 | 1472.4 | 1543.7 | 1537.3 |
| 30° | 8371.6 | 7535.9 | 5286.4 | 2923.9 | 1941.5 | 1476.6 | 1405.4 | 1413.7 | 1459.8 | 1514.3 | 1522.7 |
| 32.5° | 8918.2 | 7944.3 | 5361.8 | 2819.1 | 1774.0 | 1359.3 | 1309.0 | 1327.9 | 1386.6 | 1472.4 | 1518.5 |
| 35° | 9544.4 | 8233.3 | 5477.0 | 2676.7 | 1711.2 | 1269.2 | 1244.1 | 1265.0 | 1336.3 | 1392.8 | 1443.1 |
| 37.5° | 10007.3 | 8744.4 | 5498.0 | 2565.7 | 1642.1 | 1218.9 | 1179.2 | 1248.3 | 1290.2 | 1369.7 | 1394.9 |
| 40° | 10350.9 | 9115.1 | 5552.5 | 2496.6 | 1587.6 | 1154.0 | 1154.0 | 1200.1 | 1256.7 | 1330.0 | 1380.2 |
| 42.5° | 10570.8 | 9385.3 | 5592.2 | 2433.8 | 1482.9 | 1135.2 | 1124.8 | 1170.8 | 1246.2 | 1317.4 | 1340.5 |
| 44° | 10704.8 | 9500.4 | 5552.5 | 2375.2 | 1453.6 | 1112.1 | 1112.1 | 1151.9 | 1210.6 | 1294.4 | 1321.6 |
| 45° | 10738.3 | 9645.0 | 5464.5 | 2373.0 | 1417.9 | 1084.9 | 1080.8 | 1156.1 | 1195.9 | 1298.6 | 1315.3 |
| 47.5° | 10868.2 | 9823.0 | 5474.9 | 2306.0 | 1332.1 | 1020.0 | 1093.3 | 1126.9 | 1162.4 | 1252.5 | 1309.0 |
| 50° | 10864.0 | 9934.1 | 5451.9 | 2207.5 | 1269.2 | 946.7 | 1068.2 | 1105.9 | 1141.5 | 1233.7 | 1256.7 |
| 52.5° | 10893.3 | 10348.8 | 5663.5 | 2050.4 | 1156.1 | 852.4 | 984.4 | 1068.2 | 1112.1 | 1189.7 | 1237.9 |
| 55° | 10878.6 | 10585.4 | 5872.9 | 1933.2 | 996.9 | 795.9 | 913.2 | 1011.6 | 1074.5 | 1156.1 | 1179.2 |
| 57.5° | 9936.1 | 9356.0 | 5435.1 | 1713.3 | 825.2 | 728.9 | 812.7 | 953.0 | 1032.6 | 1116.3 | 1145.7 |
| 60° | 8118.1 | 7211.2 | 4482.1 | 1260.8 | 678.6 | 670.2 | 756.1 | 934.1 | 967.7 | 1040.9 | 1091.2 |
| 62.5° | 7502.4 | 6325.2 | 3554.3 | 963.4 | 580.2 | 613.7 | 697.4 | 844.0 | 896.4 | 986.5 | 1032.6 |
| 65° | 5870.8 | 4201.5 | 2201.3 | 651.4 | 511.1 | 550.9 | 630.4 | 739.3 | 825.2 | 909.0 | 963.4 |
| 67.5° | 3476.8 | 2295.5 | 1089.1 | 456.6 | 446.2 | 488.0 | 569.7 | 651.4 | 749.8 | 842.0 | 869.2 |
| 70° | 1893.4 | 1128.9 | 465.0 | 347.7 | 379.1 | 416.8 | 496.4 | 553.0 | 647.1 | 718.4 | 764.5 |
| 72.5° | 607.4 | 343.5 | 232.5 | 257.6 | 289.1 | 333.0 | 381.2 | 450.3 | 517.3 | 559.2 | 596.9 |
| 75° | 146.6 | 144.5 | 165.4 | 180.1 | 209.4 | 243.0 | 282.7 | 318.3 | 370.7 | 410.5 | 444.0 |
| 77.5° | 102.6 | 111.0 | 127.7 | 148.7 | 159.2 | 171.7 | 196.9 | 224.1 | 247.2 | 276.4 | 297.4 |
| 80° | 79.6 | 85.9 | 98.5 | 108.9 | 119.4 | 129.9 | 142.4 | 152.9 | 167.5 | 186.4 | 196.9 |
| 82.5° | 75.4 | 79.6 | 92.2 | 98.5 | 94.3 | 92.2 | 100.5 | 104.7 | 106.8 | 113.1 | 119.4 |
| 85° | 6.3 | 0.0 | 4.2 | 14.6 | 35.6 | 52.4 | 56.5 | 56.5 | 54.5 | 58.6 | 58.6 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 8.4 | 6.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P653880

CATALOG NUMBER: GLAN-SA5A-840-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 |
| 2.5° | 5663.5 | 5592.2 | 5619.5 | 5652.9 | 5604.8 | 5493.7 | 5523.1 | 5510.5 | 5623.6 | 5615.3 | 5728.4 |
| 5° | 4748.1 | 4637.1 | 4649.7 | 4813.0 | 4760.7 | 4817.2 | 4704.1 | 4689.5 | 4710.4 | 4721.0 | 4739.8 |
| 7.5° | 3633.9 | 3619.2 | 3744.9 | 3883.1 | 3948.1 | 3881.0 | 3770.0 | 3744.9 | 3721.8 | 3675.8 | 3780.5 |
| 10° | 2965.8 | 2969.9 | 2961.6 | 3066.3 | 3139.6 | 3124.9 | 3057.9 | 3049.6 | 3005.6 | 2988.8 | 3047.4 |
| 12.5° | 2647.4 | 2590.9 | 2563.6 | 2530.1 | 2586.7 | 2624.3 | 2595.1 | 2574.1 | 2576.2 | 2597.1 | 2605.5 |
| 15° | 2339.5 | 2303.9 | 2245.3 | 2207.5 | 2234.8 | 2216.0 | 2205.4 | 2247.3 | 2236.9 | 2232.7 | 2283.0 |
| 17.5° | 1993.9 | 2023.3 | 2019.1 | 1977.2 | 2012.8 | 1998.1 | 1996.0 | 1966.7 | 1926.9 | 1897.5 | 1914.4 |
| 20° | 1765.6 | 1820.1 | 1862.0 | 1864.1 | 1882.9 | 1880.8 | 1849.4 | 1759.4 | 1730.0 | 1723.7 | 1727.9 |
| 22.5° | 1683.9 | 1713.3 | 1763.6 | 1834.7 | 1834.7 | 1801.3 | 1763.6 | 1658.8 | 1631.6 | 1602.3 | 1589.7 |
| 25° | 1619.0 | 1675.6 | 1740.5 | 1748.9 | 1782.4 | 1751.0 | 1690.2 | 1637.8 | 1581.3 | 1541.6 | 1541.6 |
| 27.5° | 1585.5 | 1648.4 | 1696.5 | 1711.2 | 1757.3 | 1732.1 | 1669.3 | 1602.3 | 1535.2 | 1533.1 | 1497.6 |
| 30° | 1570.8 | 1629.5 | 1660.9 | 1696.5 | 1717.5 | 1677.6 | 1658.8 | 1587.6 | 1520.6 | 1503.8 | 1445.2 |
| 32.5° | 1526.8 | 1610.6 | 1669.3 | 1660.9 | 1677.6 | 1660.9 | 1633.6 | 1575.0 | 1499.7 | 1461.9 | 1455.7 |
| 35° | 1476.6 | 1560.4 | 1623.2 | 1667.2 | 1677.6 | 1642.1 | 1625.3 | 1545.7 | 1443.1 | 1424.2 | 1359.3 |
| 37.5° | 1449.4 | 1499.7 | 1577.1 | 1648.4 | 1663.0 | 1644.2 | 1587.6 | 1505.9 | 1403.3 | 1382.4 | 1325.8 |
| 40° | 1415.8 | 1480.7 | 1541.6 | 1600.2 | 1644.2 | 1598.1 | 1533.1 | 1453.6 | 1407.5 | 1344.7 | 1327.9 |
| 42.5° | 1390.8 | 1464.0 | 1514.3 | 1579.2 | 1629.5 | 1568.7 | 1493.4 | 1438.9 | 1373.9 | 1332.1 | 1283.9 |
| 44° | 1382.4 | 1449.4 | 1482.9 | 1562.5 | 1604.4 | 1558.3 | 1495.5 | 1438.9 | 1363.5 | 1325.8 | 1283.9 |
| 45° | 1353.0 | 1445.2 | 1480.7 | 1552.0 | 1587.6 | 1549.9 | 1470.3 | 1413.7 | 1359.3 | 1313.2 | 1269.2 |
| 47.5° | 1323.7 | 1386.6 | 1447.3 | 1503.8 | 1528.9 | 1516.4 | 1449.4 | 1380.2 | 1315.3 | 1288.1 | 1246.2 |
| 50° | 1315.3 | 1378.1 | 1434.7 | 1487.1 | 1516.4 | 1491.3 | 1430.5 | 1363.5 | 1288.1 | 1244.1 | 1208.5 |
| 52.5° | 1273.4 | 1350.9 | 1413.7 | 1430.5 | 1468.2 | 1453.6 | 1407.5 | 1334.2 | 1262.9 | 1225.3 | 1195.9 |
| 55° | 1212.7 | 1294.4 | 1380.2 | 1401.2 | 1455.7 | 1432.6 | 1363.5 | 1294.4 | 1233.7 | 1177.1 | 1139.4 |
| 57.5° | 1189.7 | 1269.2 | 1353.0 | 1380.2 | 1413.7 | 1376.0 | 1359.3 | 1286.0 | 1189.7 | 1160.3 | 1101.7 |
| 60° | 1131.0 | 1231.6 | 1300.7 | 1363.5 | 1365.6 | 1355.1 | 1325.8 | 1242.0 | 1162.4 | 1107.9 | 1066.1 |
| 62.5° | 1084.9 | 1179.2 | 1233.7 | 1292.3 | 1327.9 | 1298.6 | 1269.2 | 1191.8 | 1105.9 | 1045.1 | 996.9 |
| 65° | 1017.9 | 1103.8 | 1149.9 | 1185.5 | 1225.3 | 1221.0 | 1170.8 | 1114.2 | 1024.2 | 976.0 | 930.0 |
| 67.5° | 915.3 | 990.7 | 1053.5 | 1087.0 | 1112.1 | 1105.9 | 1068.2 | 1028.4 | 936.2 | 888.0 | 854.5 |
| 70° | 791.7 | 869.2 | 909.0 | 927.9 | 953.0 | 965.6 | 936.2 | 917.4 | 835.7 | 772.9 | 741.4 |
| 72.5° | 636.7 | 687.0 | 745.6 | 762.4 | 772.9 | 781.2 | 781.2 | 764.5 | 680.7 | 655.6 | 601.1 |
| 75° | 469.2 | 509.0 | 553.0 | 553.0 | 571.8 | 573.9 | 578.1 | 567.6 | 504.8 | 471.2 | 458.7 |
| 77.5° | 318.3 | 347.7 | 383.3 | 398.0 | 410.5 | 408.4 | 406.3 | 377.0 | 343.5 | 328.8 | 316.3 |
| 80° | 207.4 | 236.7 | 253.4 | 272.3 | 284.8 | 282.7 | 286.9 | 266.0 | 251.4 | 226.2 | 230.3 |
| 82.5° | 123.5 | 146.6 | 163.4 | 186.4 | 186.4 | 192.7 | 192.7 | 186.4 | 171.7 | 159.2 | 159.2 |
| 85° | 58.6 | 77.5 | 88.0 | 102.6 | 111.0 | 113.1 | 100.5 | 85.9 | 71.2 | 64.9 | 71.2 |
| 87.5° | 10.5 | 14.6 | 20.9 | 18.8 | 23.0 | 20.9 | 20.9 | 20.9 | 20.9 | 16.7 | 18.8 |
| 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-SA5A-840-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0° | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 | 6398.6 |
| 2.5° | 5686.4 | 5791.2 | 5864.5 | 5986.0 | 6195.4 | 6363.0 | 6534.7 | 6662.5 | 6677.1 | 6714.9 |
| 5° | 4808.9 | 4865.4 | 5051.8 | 5294.8 | 5466.5 | 5749.3 | 5931.5 | 6262.4 | 6386.0 | 6518.0 |
| 7.5° | 3755.4 | 3847.5 | 4096.8 | 4260.2 | 4637.1 | 4991.1 | 5357.6 | 5766.1 | 5929.4 | 5948.3 |
| 10° | 3166.8 | 3300.8 | 3470.6 | 3732.4 | 3937.6 | 4331.3 | 4787.9 | 5242.5 | 5424.6 | 5456.1 |
| 12.5° | 2781.4 | 2953.2 | 3179.4 | 3367.9 | 3564.7 | 3908.3 | 4346.0 | 4907.3 | 5144.0 | 5286.4 |
| 15° | 2410.7 | 2588.8 | 2838.0 | 3099.8 | 3273.7 | 3684.2 | 4199.4 | 4831.9 | 5139.8 | 5265.5 |
| 17.5° | 2029.5 | 2195.0 | 2400.2 | 2683.0 | 3032.8 | 3493.6 | 4176.3 | 5083.3 | 5420.5 | 5567.1 |
| 20° | 1702.8 | 1794.9 | 2033.7 | 2324.9 | 2762.6 | 3298.7 | 4184.7 | 5454.0 | 5948.3 | 6013.2 |
| 22.5° | 1575.0 | 1596.0 | 1690.2 | 1958.4 | 2438.0 | 3099.8 | 4333.4 | 5979.7 | 6541.0 | 6754.7 |
| 25° | 1476.6 | 1472.4 | 1497.6 | 1677.6 | 2201.3 | 3022.3 | 4480.1 | 6463.5 | 7198.6 | 7431.2 |
| 27.5° | 1422.1 | 1380.2 | 1382.4 | 1552.0 | 2033.7 | 2896.7 | 4668.6 | 7018.6 | 7944.3 | 8046.9 |
| 30° | 1394.9 | 1386.6 | 1361.4 | 1430.5 | 1851.5 | 2708.1 | 4699.9 | 7565.2 | 8384.1 | 8532.9 |
| 32.5° | 1378.1 | 1296.5 | 1265.0 | 1290.2 | 1679.7 | 2502.9 | 4817.2 | 7925.4 | 8928.6 | 8863.7 |
| 35° | 1294.4 | 1221.0 | 1200.1 | 1225.3 | 1558.3 | 2387.7 | 4739.8 | 8239.6 | 9337.1 | 9446.0 |
| 37.5° | 1262.9 | 1198.0 | 1156.1 | 1135.2 | 1445.2 | 2291.3 | 4699.9 | 8723.4 | 9733.0 | 9994.8 |
| 40° | 1233.7 | 1164.5 | 1114.2 | 1093.3 | 1357.2 | 2163.6 | 4687.4 | 9096.3 | 10189.6 | 10346.7 |
| 42.5° | 1200.1 | 1156.1 | 1099.6 | 1061.9 | 1250.4 | 2035.8 | 4542.9 | 9211.5 | 10329.9 | 10499.5 |
| 44° | 1189.7 | 1122.7 | 1063.9 | 1051.4 | 1208.5 | 1970.9 | 4513.6 | 9316.2 | 10451.4 | 10709.0 |
| 45° | 1179.2 | 1116.3 | 1049.3 | 1032.6 | 1193.9 | 1935.3 | 4473.8 | 9341.3 | 10652.4 | 10700.6 |
| 47.5° | 1149.9 | 1110.0 | 1045.1 | 999.0 | 1162.4 | 1857.8 | 4354.4 | 9198.9 | 10447.2 | 10455.6 |
| 50° | 1126.9 | 1080.8 | 1013.7 | 923.7 | 1120.5 | 1792.8 | 4408.9 | 9146.5 | 9952.9 | 9971.7 |
| 52.5° | 1101.7 | 1032.6 | 994.9 | 839.9 | 1051.4 | 1738.4 | 4524.1 | 9383.2 | 10009.4 | 10005.2 |
| 55° | 1072.4 | 996.9 | 904.8 | 768.7 | 936.2 | 1669.3 | 4802.6 | 9850.2 | 10533.0 | 10604.3 |
| 57.5° | 1026.3 | 961.3 | 829.4 | 705.9 | 804.2 | 1537.3 | 4712.5 | 8955.9 | 9691.1 | 9703.6 |
| 60° | 965.6 | 904.8 | 751.9 | 657.7 | 659.8 | 1212.7 | 4214.1 | 6978.7 | 7646.9 | 7829.1 |
| 62.5° | 906.9 | 873.4 | 687.0 | 588.5 | 561.3 | 965.6 | 3562.6 | 5799.5 | 6564.0 | 6714.9 |
| 65° | 837.8 | 756.1 | 630.4 | 536.2 | 481.7 | 676.5 | 2523.8 | 4333.4 | 5120.9 | 5324.1 |
| 67.5° | 749.8 | 661.9 | 555.1 | 471.2 | 412.6 | 452.4 | 1302.8 | 2463.1 | 3261.1 | 3380.5 |
| 70° | 655.6 | 573.9 | 467.1 | 398.0 | 333.0 | 312.1 | 573.9 | 1175.0 | 1782.4 | 1906.0 |
| 72.5° | 538.2 | 462.9 | 372.8 | 314.2 | 249.3 | 215.7 | 192.7 | 314.2 | 632.5 | 735.1 |
| 75° | 389.6 | 337.2 | 280.6 | 224.1 | 175.9 | 138.3 | 113.1 | 94.3 | 104.7 | 113.1 |
| 77.5° | 286.9 | 245.1 | 207.4 | 159.2 | 123.5 | 98.5 | 77.5 | 58.6 | 56.5 | 54.5 |
| 80° | 224.1 | 199.0 | 165.4 | 127.7 | 96.4 | 73.3 | 54.5 | 39.8 | 35.6 | 35.6 |
| 82.5° | 175.9 | 163.4 | 136.2 | 104.7 | 79.6 | 58.6 | 39.8 | 27.2 | 23.0 | 23.0 |
| 85° | 67.0 | 67.0 | 98.5 | 85.9 | 60.7 | 41.9 | 27.2 | 14.6 | 12.5 | 12.5 |
| 87.5° | 16.7 | 16.7 | 16.7 | 16.7 | 14.6 | 12.5 | 12.5 | 6.3 | 4.2 | 4.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)