

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: P529276

Luminaire Tested: **GLAN-SA4B-830-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P529276
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-SA4B-830-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 3000K, 800mA 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: 13322 lumens
Efficiency: N/A
Efficacy: 81.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

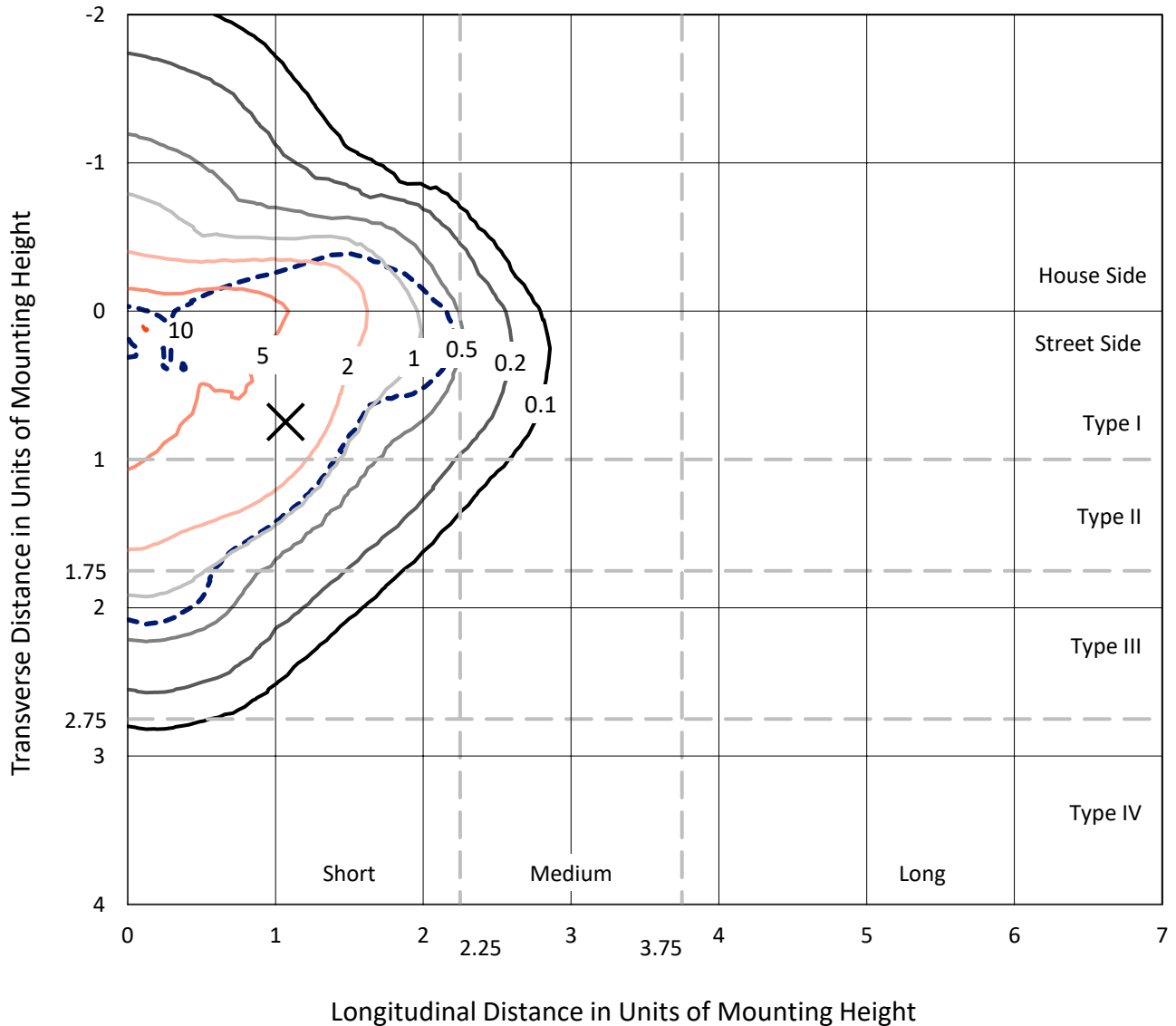
Input Watts (W): 164
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

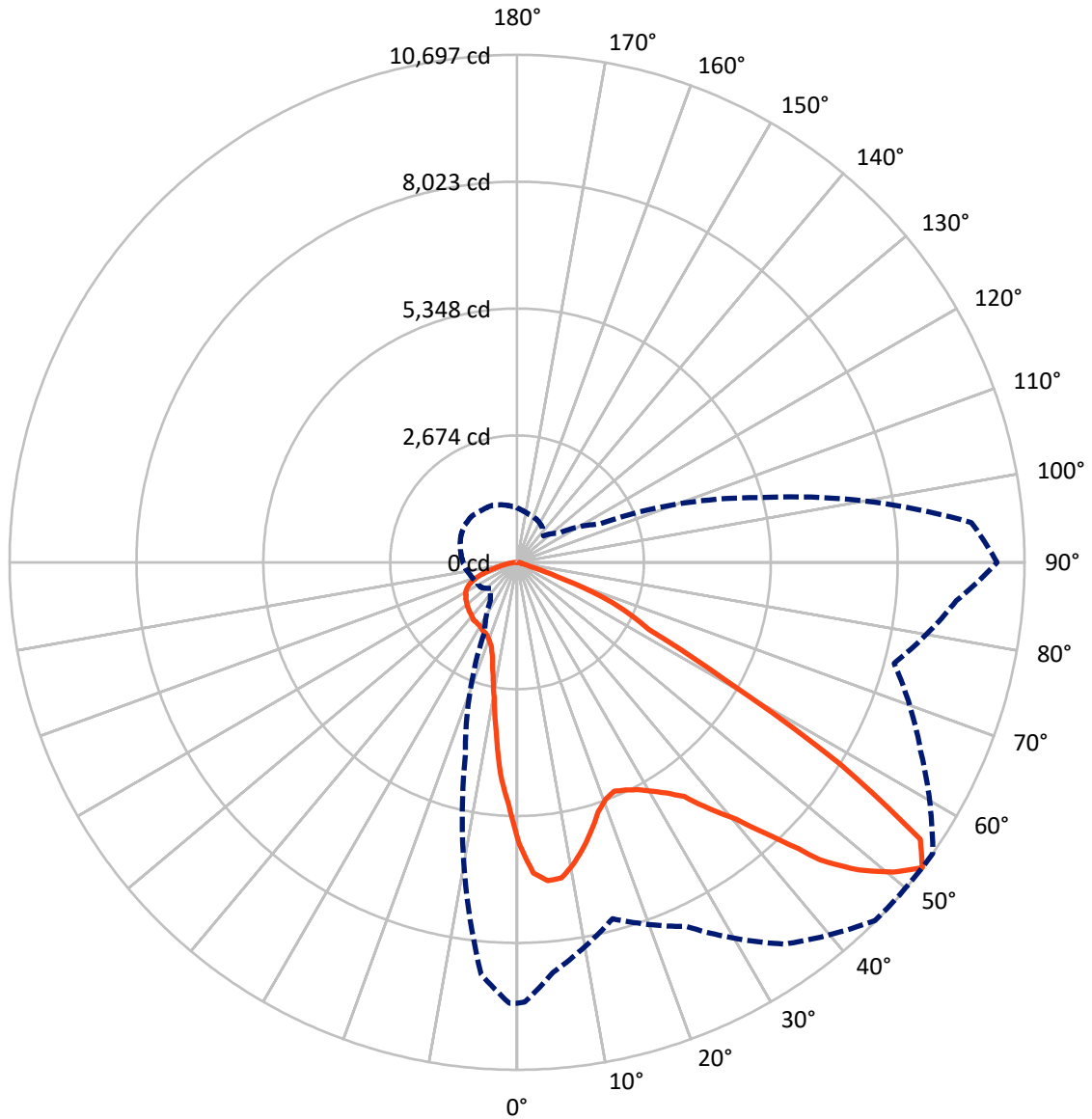
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.1 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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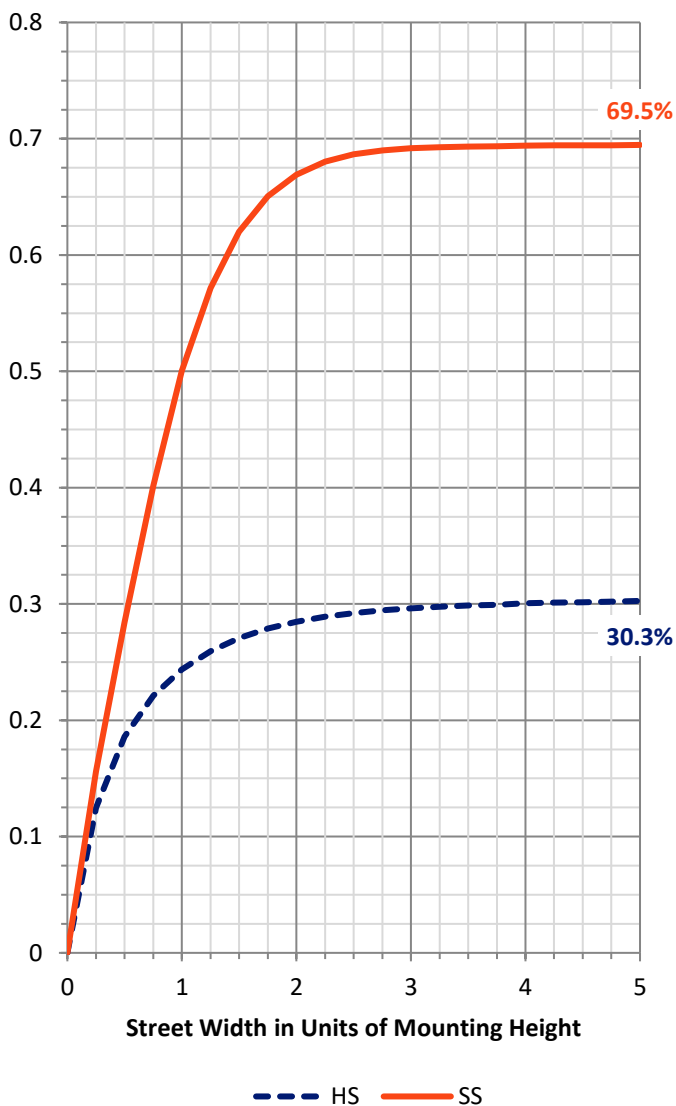
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4063.9 | 0.0 | 4063.9 |
| | % Fixture | 30.5 | 0.0 | 30.5 |
| Street Side | Lumens | 9258.1 | 0.0 | 9258.1 |
| | % Fixture | 69.5 | 0.0 | 69.5 |
| Total | Lumens | 13322.0 | 0.0 | 13322.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 454.0 | 3.4 |
| 10°-20° | 978.9 | 7.3 |
| 20°-30° | 1484.3 | 11.1 |
| 30°-40° | 2144.6 | 16.1 |
| 40°-50° | 2865.8 | 21.5 |
| 50°-60° | 3198.9 | 24.0 |
| 60°-70° | 1754.7 | 13.2 |
| 70°-80° | 379.4 | 2.8 |
| 80°-90° | 61.4 | 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° | 13322.0 | 100.0 |
| 0°-180° | 13322.0 | 100.0 |

Coefficient of Utilization

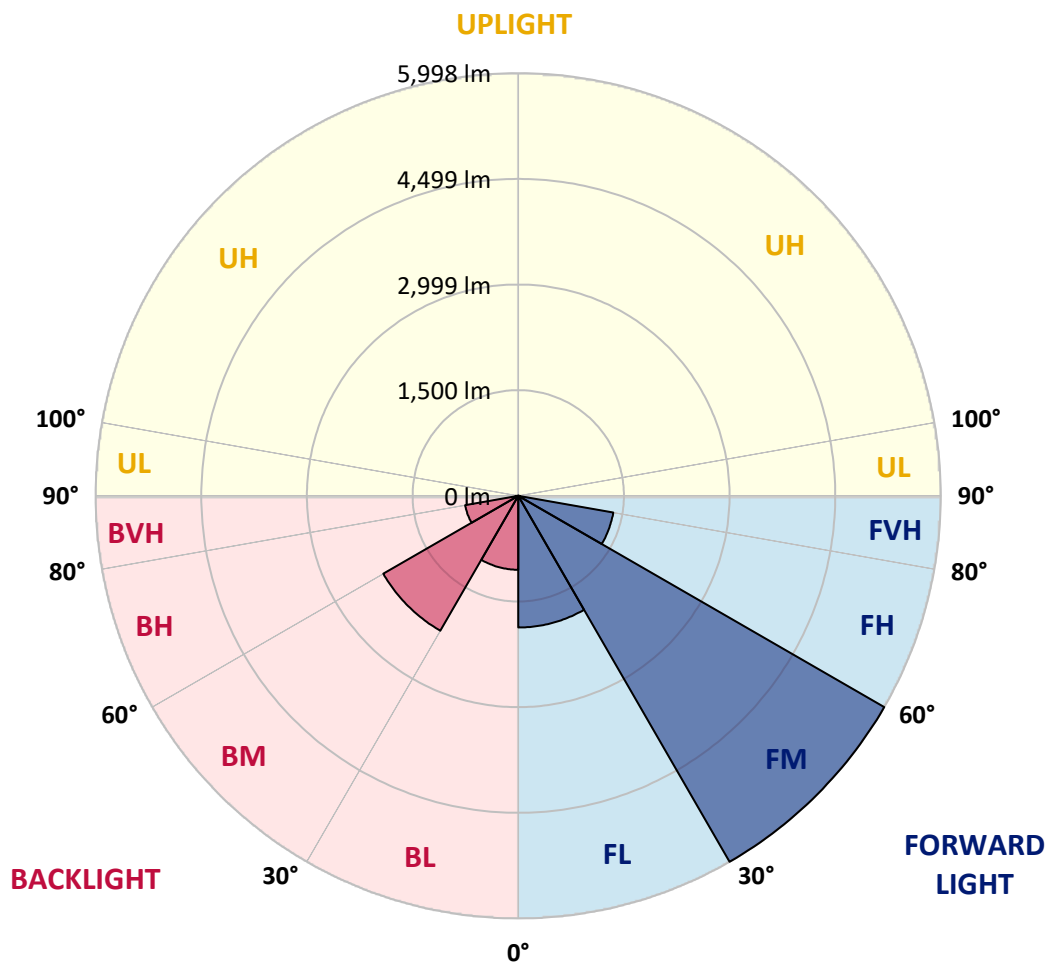


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 CATALOG NUMBER: GLAN-SA4B-830-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1868.0 | 14.0 | | | |
| FM (30°-60°) | 5998.2 | 45.0 | | | |
| FH (60°-80°) | 1369.2 | 10.3 | | | G1/1800 |
| FVH (80°-90°) | 22.7 | 0.2 | | | G1/100 |
| BL (0°-30°) | 1049.2 | 7.9 | B3/2500 | | |
| BM (30°-60°) | 2211.1 | 16.6 | B2/2500 | | |
| BH (60°-80°) | 764.9 | 5.7 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 38.7 | 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





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CATALOG NUMBER: GLAN-SA4B-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|---------|--------|--------|--------|--------|---------|---------|--------|--------|--------|
| 0° | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 |
| 2.5° | 6236.4 | 6201.4 | 6232.5 | 6380.3 | 6465.9 | 6524.3 | 6561.2 | 6555.4 | 6415.3 | 6279.2 | 6279.2 |
| 5° | 6053.5 | 6008.8 | 6073.0 | 6407.5 | 6744.1 | 6773.3 | 6821.9 | 6742.1 | 6535.9 | 6286.9 | 5975.7 |
| 7.5° | 5524.4 | 5557.5 | 5664.5 | 6104.1 | 6541.8 | 6761.6 | 6819.9 | 6718.8 | 6384.2 | 5919.3 | 5462.2 |
| 10° | 5067.3 | 5145.1 | 5392.1 | 5866.8 | 6269.4 | 6555.4 | 6619.6 | 6477.6 | 6213.0 | 5643.1 | 5234.6 |
| 12.5° | 4909.7 | 4861.1 | 5135.4 | 5610.0 | 5995.2 | 6148.8 | 6178.0 | 6187.7 | 6008.8 | 5503.0 | 5005.0 |
| 15° | 4890.3 | 4921.4 | 5135.4 | 5495.2 | 5732.6 | 5740.3 | 5789.0 | 5864.8 | 5888.2 | 5598.3 | 5112.0 |
| 17.5° | 5170.4 | 5133.4 | 5353.2 | 5639.2 | 5526.4 | 5413.5 | 5425.2 | 5534.1 | 5726.7 | 5680.0 | 5448.6 |
| 20° | 5584.7 | 5668.4 | 5841.5 | 5812.3 | 5508.9 | 5222.9 | 5224.9 | 5328.0 | 5707.3 | 6018.5 | 5917.4 |
| 22.5° | 6273.3 | 6355.0 | 6483.4 | 6131.3 | 5508.9 | 5166.5 | 5100.4 | 5240.4 | 5831.8 | 6421.2 | 6446.5 |
| 25° | 6901.6 | 7051.4 | 7086.4 | 6672.1 | 5785.1 | 5219.0 | 5176.2 | 5314.3 | 5956.3 | 6814.1 | 7053.4 |
| 27.5° | 7473.5 | 7528.0 | 7681.7 | 7020.3 | 5938.8 | 5254.0 | 5250.1 | 5427.2 | 6113.8 | 7010.6 | 7596.1 |
| 30° | 7924.8 | 7919.0 | 8006.5 | 7240.1 | 6183.8 | 5450.5 | 5261.8 | 5596.4 | 6320.0 | 7335.4 | 8097.9 |
| 32.5° | 8232.2 | 8298.3 | 8483.1 | 7545.5 | 6286.9 | 5637.2 | 5489.4 | 5794.8 | 6570.9 | 7489.1 | 8452.0 |
| 35° | 8772.9 | 8887.7 | 8654.3 | 7714.7 | 6613.7 | 5822.0 | 5648.9 | 6065.2 | 6695.4 | 7656.4 | 8885.8 |
| 37.5° | 9282.6 | 9195.0 | 8957.7 | 7806.2 | 6825.8 | 6164.4 | 6002.9 | 6588.5 | 7082.5 | 8020.1 | 9173.7 |
| 40° | 9609.4 | 9607.4 | 9185.3 | 7880.1 | 6975.6 | 6687.7 | 6677.9 | 7119.5 | 7557.2 | 8249.7 | 9496.6 |
| 42.5° | 9751.4 | 9887.5 | 9278.7 | 7872.3 | 7290.7 | 7321.8 | 7518.3 | 7913.1 | 7893.7 | 8296.4 | 9488.8 |
| 44° | 9945.9 | 10027.6 | 9440.1 | 7889.8 | 7500.8 | 7749.8 | 8212.7 | 8463.6 | 8187.4 | 8271.1 | 9479.0 |
| 45° | 9938.1 | 9944.0 | 9210.6 | 7913.1 | 7679.7 | 8107.7 | 8522.0 | 8946.1 | 8446.1 | 8216.6 | 9607.4 |
| 47.5° | 9710.5 | 9644.4 | 9016.1 | 7740.0 | 8238.0 | 9053.0 | 9436.3 | 9693.0 | 8765.2 | 8099.9 | 9447.9 |
| 50° | 9261.2 | 9185.3 | 8543.4 | 7666.1 | 8354.7 | 9640.5 | 10169.6 | 10263.0 | 9055.0 | 7985.1 | 9290.4 |
| 52.5° | 9292.3 | 9270.9 | 8677.6 | 7777.0 | 8471.4 | 9825.3 | 10673.4 | 10696.8 | 9383.7 | 8226.3 | 9292.3 |
| 55° | 9848.6 | 9774.7 | 9062.8 | 7915.1 | 8385.8 | 9609.4 | 10352.5 | 10311.6 | 9272.9 | 8080.4 | 9463.5 |
| 57.5° | 9012.2 | 9060.8 | 8529.8 | 7368.5 | 7339.3 | 7812.0 | 8138.8 | 8037.6 | 7738.1 | 7292.6 | 8804.1 |
| 60° | 7271.2 | 7409.3 | 7459.9 | 6162.5 | 5538.0 | 5294.9 | 5197.6 | 5018.7 | 5069.2 | 5991.3 | 7734.2 |
| 62.5° | 6236.4 | 6228.6 | 6545.7 | 5586.7 | 3627.8 | 3120.1 | 3073.4 | 3114.3 | 3697.9 | 5897.9 | 7574.7 |
| 65° | 4944.7 | 5077.0 | 5174.3 | 4734.7 | 2871.1 | 2316.8 | 2314.8 | 2573.5 | 3199.9 | 4929.2 | 6115.8 |
| 67.5° | 3139.6 | 3312.7 | 3433.3 | 3028.7 | 1919.9 | 1649.5 | 1604.8 | 1916.0 | 2217.5 | 3233.0 | 3682.3 |
| 70° | 1770.1 | 1851.8 | 1906.3 | 1746.8 | 1221.6 | 855.9 | 805.3 | 879.2 | 1340.3 | 2093.1 | 2182.5 |
| 72.5° | 682.8 | 719.7 | 793.6 | 799.5 | 461.0 | 276.2 | 223.7 | 268.4 | 564.1 | 828.7 | 789.8 |
| 75° | 105.0 | 112.8 | 159.5 | 190.6 | 132.3 | 101.2 | 107.0 | 110.9 | 157.6 | 214.0 | 179.0 |
| 77.5° | 50.6 | 50.6 | 48.6 | 56.4 | 66.1 | 72.0 | 77.8 | 85.6 | 93.4 | 103.1 | 99.2 |
| 80° | 33.1 | 33.1 | 33.1 | 38.9 | 48.6 | 58.4 | 66.1 | 70.0 | 73.9 | 81.7 | 77.8 |
| 82.5° | 21.4 | 21.4 | 21.4 | 29.2 | 38.9 | 48.6 | 52.5 | 62.2 | 70.0 | 81.7 | 75.9 |
| 85° | 11.7 | 11.7 | 11.7 | 19.5 | 29.2 | 40.8 | 38.9 | 31.1 | 17.5 | 1.9 | 3.9 |
| 87.5° | 3.9 | 3.9 | 3.9 | 3.9 | 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 |



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CATALOG NUMBER: GLAN-SA4B-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 |
| 2.5° | 6115.8 | 6026.3 | 6018.5 | 5835.7 | 5672.3 | 5592.5 | 5528.3 | 5349.4 | 5388.3 | 5285.2 | 5283.2 |
| 5° | 5820.1 | 5637.2 | 5341.6 | 5098.4 | 4855.3 | 4806.6 | 4594.6 | 4409.8 | 4415.6 | 4283.4 | 4306.7 |
| 7.5° | 5289.0 | 5162.6 | 4802.7 | 4421.5 | 4098.6 | 3869.0 | 3668.7 | 3548.1 | 3394.4 | 3341.9 | 3314.7 |
| 10° | 4952.5 | 4796.9 | 4392.3 | 3913.8 | 3552.0 | 3429.4 | 3236.8 | 3129.9 | 2972.3 | 2894.5 | 2840.0 |
| 12.5° | 4804.7 | 4577.1 | 4071.3 | 3585.0 | 3343.8 | 3217.4 | 3054.0 | 2859.5 | 2672.7 | 2600.8 | 2501.6 |
| 15° | 4820.3 | 4547.9 | 3978.0 | 3452.8 | 3162.9 | 2917.8 | 2771.9 | 2556.0 | 2365.4 | 2238.9 | 2167.0 |
| 17.5° | 5055.6 | 4724.9 | 4020.8 | 3351.6 | 2935.3 | 2628.0 | 2342.0 | 2108.6 | 1956.9 | 1861.6 | 1838.2 |
| 20° | 5612.0 | 5162.6 | 4092.7 | 3188.2 | 2707.7 | 2324.5 | 1972.5 | 1729.3 | 1612.6 | 1610.6 | 1612.6 |
| 22.5° | 6074.9 | 5629.5 | 4238.6 | 3091.0 | 2480.2 | 1935.5 | 1585.4 | 1507.5 | 1484.2 | 1532.8 | 1538.7 |
| 25° | 6699.3 | 6154.7 | 4489.6 | 3040.4 | 2270.1 | 1649.5 | 1433.6 | 1404.4 | 1402.5 | 1464.7 | 1466.7 |
| 27.5° | 7339.3 | 6613.7 | 4639.3 | 2892.5 | 2056.1 | 1501.7 | 1342.2 | 1336.4 | 1367.5 | 1433.6 | 1427.8 |
| 30° | 7775.0 | 6998.9 | 4909.7 | 2715.5 | 1803.2 | 1371.4 | 1305.2 | 1313.0 | 1355.8 | 1406.4 | 1414.2 |
| 32.5° | 8282.7 | 7378.2 | 4979.8 | 2618.3 | 1647.6 | 1262.4 | 1215.8 | 1233.3 | 1287.7 | 1367.5 | 1410.3 |
| 35° | 8864.4 | 7646.7 | 5086.7 | 2486.0 | 1589.2 | 1178.8 | 1155.5 | 1174.9 | 1241.0 | 1293.6 | 1340.3 |
| 37.5° | 9294.3 | 8121.3 | 5106.2 | 2382.9 | 1525.1 | 1132.1 | 1095.2 | 1159.4 | 1198.3 | 1272.2 | 1295.5 |
| 40° | 9613.3 | 8465.6 | 5156.8 | 2318.7 | 1474.5 | 1071.8 | 1071.8 | 1114.6 | 1167.1 | 1235.2 | 1281.9 |
| 42.5° | 9817.5 | 8716.5 | 5193.7 | 2260.3 | 1377.2 | 1054.3 | 1044.6 | 1087.4 | 1157.4 | 1223.5 | 1244.9 |
| 44° | 9942.0 | 8823.5 | 5156.8 | 2205.9 | 1350.0 | 1032.9 | 1032.9 | 1069.9 | 1124.3 | 1202.1 | 1227.4 |
| 45° | 9973.1 | 8957.7 | 5075.1 | 2203.9 | 1316.9 | 1007.6 | 1003.7 | 1073.8 | 1110.7 | 1206.0 | 1221.6 |
| 47.5° | 10093.7 | 9123.1 | 5084.8 | 2141.7 | 1237.2 | 947.3 | 1015.4 | 1046.5 | 1079.6 | 1163.2 | 1215.8 |
| 50° | 10089.8 | 9226.2 | 5063.4 | 2050.3 | 1178.8 | 879.2 | 992.1 | 1027.1 | 1060.1 | 1145.7 | 1167.1 |
| 52.5° | 10117.1 | 9611.3 | 5259.9 | 1904.4 | 1073.8 | 791.7 | 914.3 | 992.1 | 1032.9 | 1104.9 | 1149.6 |
| 55° | 10103.5 | 9831.1 | 5454.4 | 1795.4 | 925.9 | 739.2 | 848.1 | 939.5 | 997.9 | 1073.8 | 1095.2 |
| 57.5° | 9228.1 | 8689.3 | 5047.8 | 1591.2 | 766.4 | 676.9 | 754.7 | 885.1 | 959.0 | 1036.8 | 1064.0 |
| 60° | 7539.7 | 6697.4 | 4162.8 | 1171.0 | 630.3 | 622.5 | 702.2 | 867.6 | 898.7 | 966.8 | 1013.5 |
| 62.5° | 6967.8 | 5874.6 | 3301.0 | 894.8 | 538.8 | 569.9 | 647.8 | 783.9 | 832.6 | 916.2 | 959.0 |
| 65° | 5452.4 | 3902.1 | 2044.4 | 605.0 | 474.6 | 511.6 | 585.5 | 686.7 | 766.4 | 844.2 | 894.8 |
| 67.5° | 3229.1 | 2132.0 | 1011.5 | 424.1 | 414.3 | 453.2 | 529.1 | 605.0 | 696.4 | 782.0 | 807.3 |
| 70° | 1758.5 | 1048.5 | 431.8 | 322.9 | 352.1 | 387.1 | 461.0 | 513.5 | 601.1 | 667.2 | 710.0 |
| 72.5° | 564.1 | 319.0 | 215.9 | 239.3 | 268.4 | 309.3 | 354.0 | 418.2 | 480.5 | 519.4 | 554.4 |
| 75° | 136.2 | 134.2 | 153.7 | 167.3 | 194.5 | 225.6 | 262.6 | 295.7 | 344.3 | 381.3 | 412.4 |
| 77.5° | 95.3 | 103.1 | 118.7 | 138.1 | 147.8 | 159.5 | 182.9 | 208.1 | 229.5 | 256.8 | 276.2 |
| 80° | 73.9 | 79.8 | 91.4 | 101.2 | 110.9 | 120.6 | 132.3 | 142.0 | 155.6 | 173.1 | 182.9 |
| 82.5° | 70.0 | 73.9 | 85.6 | 91.4 | 87.5 | 85.6 | 93.4 | 97.3 | 99.2 | 105.0 | 110.9 |
| 85° | 5.8 | 0.0 | 3.9 | 13.6 | 33.1 | 48.6 | 52.5 | 52.5 | 50.6 | 54.5 | 54.5 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 7.8 | 5.8 |
| 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-SA4B-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 |
| 2.5° | 5259.9 | 5193.7 | 5219.0 | 5250.1 | 5205.4 | 5102.3 | 5129.5 | 5117.9 | 5222.9 | 5215.1 | 5320.2 |
| 5° | 4409.8 | 4306.7 | 4318.4 | 4470.1 | 4421.5 | 4474.0 | 4369.0 | 4355.3 | 4374.8 | 4384.5 | 4402.0 |
| 7.5° | 3375.0 | 3361.3 | 3478.1 | 3606.4 | 3666.7 | 3604.5 | 3501.4 | 3478.1 | 3456.7 | 3413.9 | 3511.1 |
| 10° | 2754.4 | 2758.3 | 2750.5 | 2847.8 | 2915.9 | 2902.3 | 2840.0 | 2832.2 | 2791.4 | 2775.8 | 2830.3 |
| 12.5° | 2458.8 | 2406.2 | 2380.9 | 2349.8 | 2402.3 | 2437.4 | 2410.1 | 2390.7 | 2392.6 | 2412.1 | 2419.9 |
| 15° | 2172.8 | 2139.7 | 2085.3 | 2050.3 | 2075.5 | 2058.0 | 2048.3 | 2087.2 | 2077.5 | 2073.6 | 2120.3 |
| 17.5° | 1851.8 | 1879.1 | 1875.2 | 1836.3 | 1869.4 | 1855.7 | 1853.8 | 1826.6 | 1789.6 | 1762.4 | 1777.9 |
| 20° | 1639.8 | 1690.4 | 1729.3 | 1731.2 | 1748.8 | 1746.8 | 1717.6 | 1634.0 | 1606.8 | 1600.9 | 1604.8 |
| 22.5° | 1564.0 | 1591.2 | 1637.9 | 1704.0 | 1704.0 | 1672.9 | 1637.9 | 1540.6 | 1515.3 | 1488.1 | 1476.4 |
| 25° | 1503.7 | 1556.2 | 1616.5 | 1624.3 | 1655.4 | 1626.2 | 1569.8 | 1521.2 | 1468.6 | 1431.7 | 1431.7 |
| 27.5° | 1472.5 | 1530.9 | 1575.6 | 1589.2 | 1632.0 | 1608.7 | 1550.3 | 1488.1 | 1425.8 | 1423.9 | 1390.8 |
| 30° | 1458.9 | 1513.4 | 1542.6 | 1575.6 | 1595.1 | 1558.1 | 1540.6 | 1474.5 | 1412.2 | 1396.7 | 1342.2 |
| 32.5° | 1418.1 | 1495.9 | 1550.3 | 1542.6 | 1558.1 | 1542.6 | 1517.3 | 1462.8 | 1392.8 | 1357.8 | 1351.9 |
| 35° | 1371.4 | 1449.2 | 1507.5 | 1548.4 | 1558.1 | 1525.1 | 1509.5 | 1435.6 | 1340.3 | 1322.7 | 1262.4 |
| 37.5° | 1346.1 | 1392.8 | 1464.7 | 1530.9 | 1544.5 | 1527.0 | 1474.5 | 1398.6 | 1303.3 | 1283.8 | 1231.3 |
| 40° | 1315.0 | 1375.3 | 1431.7 | 1486.1 | 1527.0 | 1484.2 | 1423.9 | 1350.0 | 1307.2 | 1248.8 | 1233.3 |
| 42.5° | 1291.6 | 1359.7 | 1406.4 | 1466.7 | 1513.4 | 1457.0 | 1386.9 | 1336.4 | 1276.1 | 1237.2 | 1192.4 |
| 44° | 1283.8 | 1346.1 | 1377.2 | 1451.1 | 1490.0 | 1447.2 | 1388.9 | 1336.4 | 1266.3 | 1231.3 | 1192.4 |
| 45° | 1256.6 | 1342.2 | 1375.3 | 1441.4 | 1474.5 | 1439.5 | 1365.5 | 1313.0 | 1262.4 | 1219.7 | 1178.8 |
| 47.5° | 1229.4 | 1287.7 | 1344.1 | 1396.7 | 1420.0 | 1408.3 | 1346.1 | 1281.9 | 1221.6 | 1196.3 | 1157.4 |
| 50° | 1221.6 | 1280.0 | 1332.5 | 1381.1 | 1408.3 | 1385.0 | 1328.6 | 1266.3 | 1196.3 | 1155.5 | 1122.4 |
| 52.5° | 1182.7 | 1254.7 | 1313.0 | 1328.6 | 1363.6 | 1350.0 | 1307.2 | 1239.1 | 1173.0 | 1138.0 | 1110.7 |
| 55° | 1126.3 | 1202.1 | 1281.9 | 1301.4 | 1351.9 | 1330.5 | 1266.3 | 1202.1 | 1145.7 | 1093.2 | 1058.2 |
| 57.5° | 1104.9 | 1178.8 | 1256.6 | 1281.9 | 1313.0 | 1278.0 | 1262.4 | 1194.4 | 1104.9 | 1077.7 | 1023.2 |
| 60° | 1050.4 | 1143.8 | 1208.0 | 1266.3 | 1268.3 | 1258.6 | 1231.3 | 1153.5 | 1079.6 | 1029.0 | 990.1 |
| 62.5° | 1007.6 | 1095.2 | 1145.7 | 1200.2 | 1233.3 | 1206.0 | 1178.8 | 1106.8 | 1027.1 | 970.7 | 925.9 |
| 65° | 945.4 | 1025.1 | 1067.9 | 1101.0 | 1138.0 | 1134.1 | 1087.4 | 1034.9 | 951.2 | 906.5 | 863.7 |
| 67.5° | 850.1 | 920.1 | 978.4 | 1009.6 | 1032.9 | 1027.1 | 992.1 | 955.1 | 869.5 | 824.8 | 793.6 |
| 70° | 735.3 | 807.3 | 844.2 | 861.7 | 885.1 | 896.7 | 869.5 | 852.0 | 776.1 | 717.8 | 688.6 |
| 72.5° | 591.3 | 638.0 | 692.5 | 708.1 | 717.8 | 725.6 | 725.6 | 710.0 | 632.2 | 608.9 | 558.3 |
| 75° | 435.7 | 472.7 | 513.5 | 513.5 | 531.0 | 533.0 | 536.9 | 527.2 | 468.8 | 437.7 | 426.0 |
| 77.5° | 295.7 | 322.9 | 356.0 | 369.6 | 381.3 | 379.3 | 377.4 | 350.1 | 319.0 | 305.4 | 293.7 |
| 80° | 192.6 | 219.8 | 235.4 | 252.9 | 264.5 | 262.6 | 266.5 | 247.0 | 233.4 | 210.1 | 214.0 |
| 82.5° | 114.8 | 136.2 | 151.7 | 173.1 | 173.1 | 179.0 | 179.0 | 173.1 | 159.5 | 147.8 | 147.8 |
| 85° | 54.5 | 72.0 | 81.7 | 95.3 | 103.1 | 105.0 | 93.4 | 79.8 | 66.1 | 60.3 | 66.1 |
| 87.5° | 9.7 | 13.6 | 19.5 | 17.5 | 21.4 | 19.5 | 19.5 | 19.5 | 19.5 | 15.6 | 17.5 |
| 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: P529276

CATALOG NUMBER: GLAN-SA4B-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 | 5942.6 |
| 2.5° | 5281.3 | 5378.5 | 5446.6 | 5559.4 | 5754.0 | 5909.6 | 6069.1 | 6187.7 | 6201.4 | 6236.4 |
| 5° | 4466.2 | 4518.7 | 4691.9 | 4917.5 | 5077.0 | 5339.6 | 5508.9 | 5816.2 | 5931.0 | 6053.5 |
| 7.5° | 3487.8 | 3573.4 | 3804.8 | 3956.6 | 4306.7 | 4635.5 | 4975.9 | 5355.2 | 5506.9 | 5524.4 |
| 10° | 2941.2 | 3065.7 | 3223.2 | 3466.4 | 3657.0 | 4022.7 | 4446.8 | 4868.9 | 5038.1 | 5067.3 |
| 12.5° | 2583.3 | 2742.8 | 2952.8 | 3127.9 | 3310.8 | 3629.8 | 4036.3 | 4557.6 | 4777.5 | 4909.7 |
| 15° | 2238.9 | 2404.3 | 2635.8 | 2878.9 | 3040.4 | 3421.6 | 3900.2 | 4487.6 | 4773.6 | 4890.3 |
| 17.5° | 1884.9 | 2038.6 | 2229.2 | 2491.8 | 2816.7 | 3244.6 | 3878.8 | 4721.0 | 5034.2 | 5170.4 |
| 20° | 1581.5 | 1667.1 | 1888.8 | 2159.2 | 2565.7 | 3063.7 | 3886.5 | 5065.3 | 5524.4 | 5584.7 |
| 22.5° | 1462.8 | 1482.3 | 1569.8 | 1818.8 | 2264.2 | 2878.9 | 4024.7 | 5553.6 | 6074.9 | 6273.3 |
| 25° | 1371.4 | 1367.5 | 1390.8 | 1558.1 | 2044.4 | 2807.0 | 4160.8 | 6002.9 | 6685.7 | 6901.6 |
| 27.5° | 1320.8 | 1281.9 | 1283.8 | 1441.4 | 1888.8 | 2690.2 | 4335.9 | 6518.4 | 7378.2 | 7473.5 |
| 30° | 1295.5 | 1287.7 | 1264.4 | 1328.6 | 1719.6 | 2515.2 | 4365.1 | 7026.1 | 7786.7 | 7924.8 |
| 32.5° | 1280.0 | 1204.1 | 1174.9 | 1198.3 | 1560.1 | 2324.5 | 4474.0 | 7360.7 | 8292.5 | 8232.2 |
| 35° | 1202.1 | 1134.1 | 1114.6 | 1138.0 | 1447.2 | 2217.5 | 4402.0 | 7652.5 | 8671.8 | 8772.9 |
| 37.5° | 1173.0 | 1112.7 | 1073.8 | 1054.3 | 1342.2 | 2128.1 | 4365.1 | 8101.8 | 9039.4 | 9282.6 |
| 40° | 1145.7 | 1081.5 | 1034.9 | 1015.4 | 1260.5 | 2009.4 | 4353.4 | 8448.1 | 9463.5 | 9609.4 |
| 42.5° | 1114.6 | 1073.8 | 1021.2 | 986.2 | 1161.3 | 1890.8 | 4219.2 | 8555.1 | 9593.8 | 9751.4 |
| 44° | 1104.9 | 1042.6 | 988.2 | 976.5 | 1122.4 | 1830.5 | 4191.9 | 8652.3 | 9706.6 | 9945.9 |
| 45° | 1095.2 | 1036.8 | 974.6 | 959.0 | 1108.8 | 1797.4 | 4155.0 | 8675.7 | 9893.4 | 9938.1 |
| 47.5° | 1067.9 | 1031.0 | 970.7 | 927.9 | 1079.6 | 1725.4 | 4044.1 | 8543.4 | 9702.7 | 9710.5 |
| 50° | 1046.5 | 1003.7 | 941.5 | 857.8 | 1040.7 | 1665.1 | 4094.7 | 8494.8 | 9243.7 | 9261.2 |
| 52.5° | 1023.2 | 959.0 | 924.0 | 780.0 | 976.5 | 1614.5 | 4201.7 | 8714.6 | 9296.2 | 9292.3 |
| 55° | 996.0 | 925.9 | 840.3 | 713.9 | 869.5 | 1550.3 | 4460.4 | 9148.4 | 9782.5 | 9848.6 |
| 57.5° | 953.2 | 892.9 | 770.3 | 655.5 | 747.0 | 1427.8 | 4376.7 | 8317.8 | 9000.5 | 9012.2 |
| 60° | 896.7 | 840.3 | 698.3 | 610.8 | 612.7 | 1126.3 | 3913.8 | 6481.5 | 7102.0 | 7271.2 |
| 62.5° | 842.3 | 811.2 | 638.0 | 546.6 | 521.3 | 896.7 | 3308.8 | 5386.3 | 6096.3 | 6236.4 |
| 65° | 778.1 | 702.2 | 585.5 | 498.0 | 447.4 | 628.3 | 2344.0 | 4024.7 | 4756.1 | 4944.7 |
| 67.5° | 696.4 | 614.7 | 515.5 | 437.7 | 383.2 | 420.2 | 1209.9 | 2287.6 | 3028.7 | 3139.6 |
| 70° | 608.9 | 533.0 | 433.8 | 369.6 | 309.3 | 289.8 | 533.0 | 1091.3 | 1655.4 | 1770.1 |
| 72.5° | 499.9 | 429.9 | 346.2 | 291.8 | 231.5 | 200.4 | 179.0 | 291.8 | 587.5 | 682.8 |
| 75° | 361.8 | 313.2 | 260.7 | 208.1 | 163.4 | 128.4 | 105.0 | 87.5 | 97.3 | 105.0 |
| 77.5° | 266.5 | 227.6 | 192.6 | 147.8 | 114.8 | 91.4 | 72.0 | 54.5 | 52.5 | 50.6 |
| 80° | 208.1 | 184.8 | 153.7 | 118.7 | 89.5 | 68.1 | 50.6 | 37.0 | 33.1 | 33.1 |
| 82.5° | 163.4 | 151.7 | 126.4 | 97.3 | 73.9 | 54.5 | 37.0 | 25.3 | 21.4 | 21.4 |
| 85° | 62.2 | 62.2 | 91.4 | 79.8 | 56.4 | 38.9 | 25.3 | 13.6 | 11.7 | 11.7 |
| 87.5° | 15.6 | 15.6 | 15.6 | 15.6 | 13.6 | 11.7 | 11.7 | 5.8 | 3.9 | 3.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)