

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: P528808

Luminaire Tested: **GLAN-SA3D-830-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P528808
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-SA3D-830-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 3000K, 1200mA 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: 13667 lumens
Efficiency: N/A
Efficacy: 74.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G2

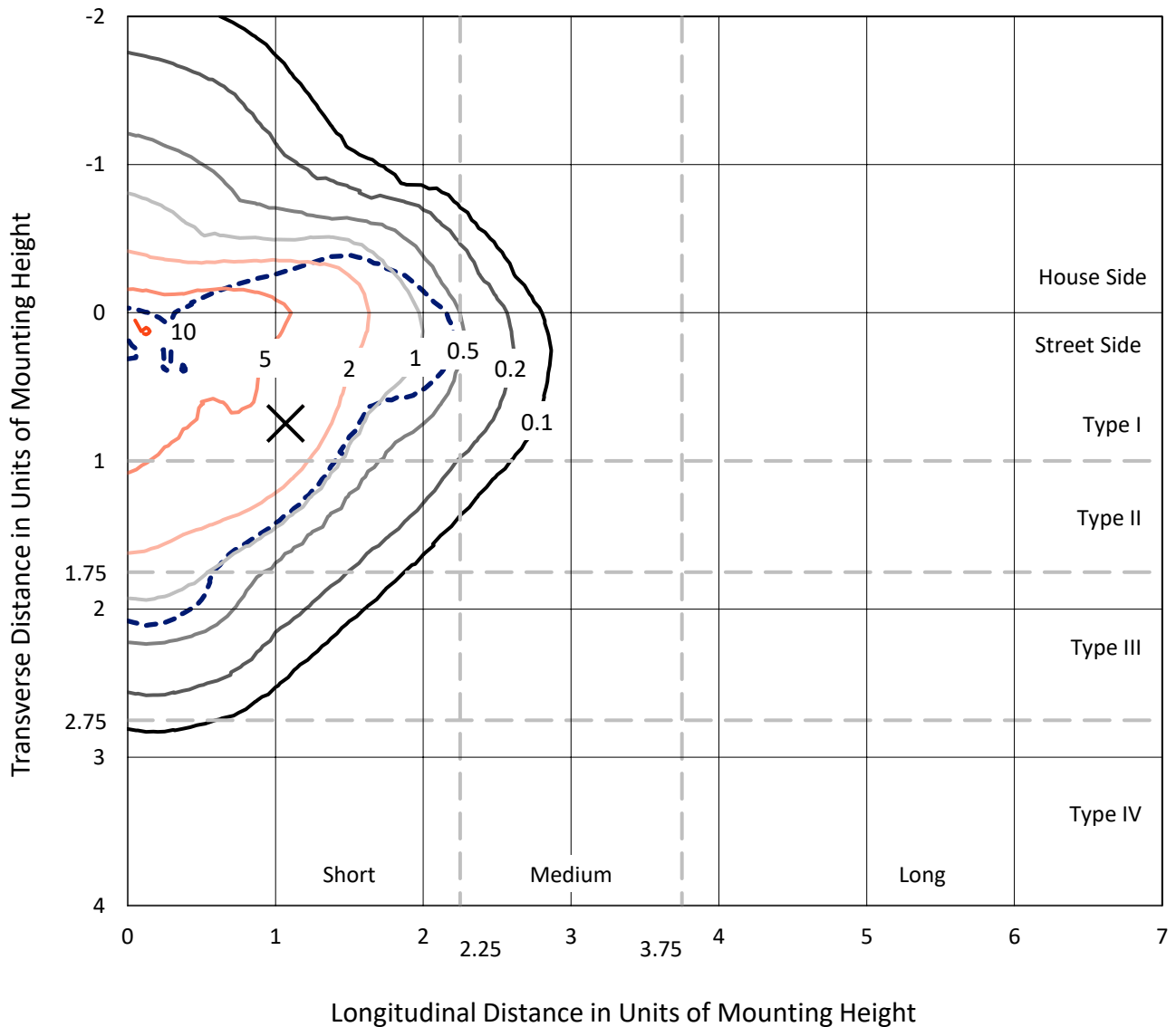
Input Watts (W): 184
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

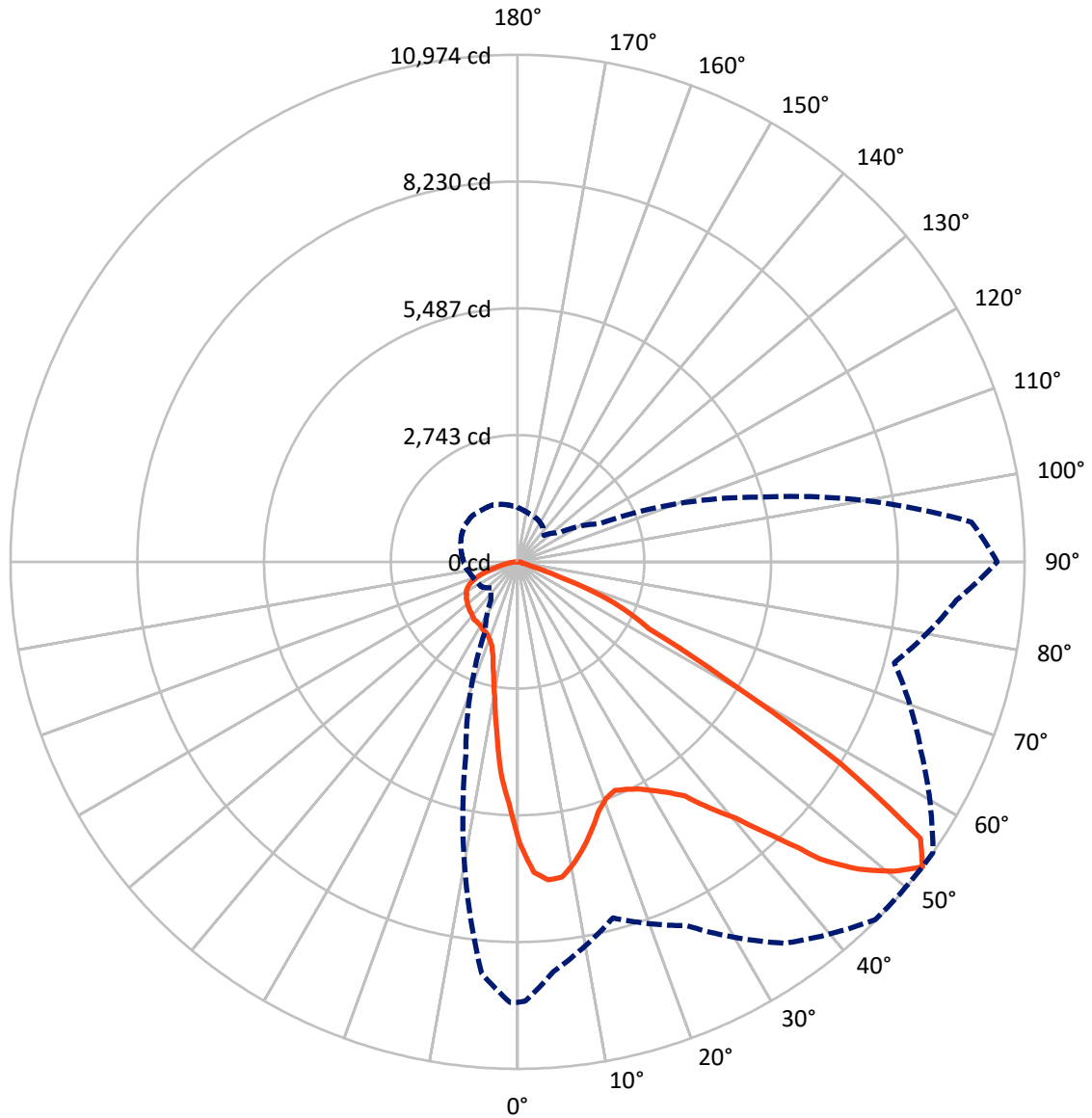
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.4 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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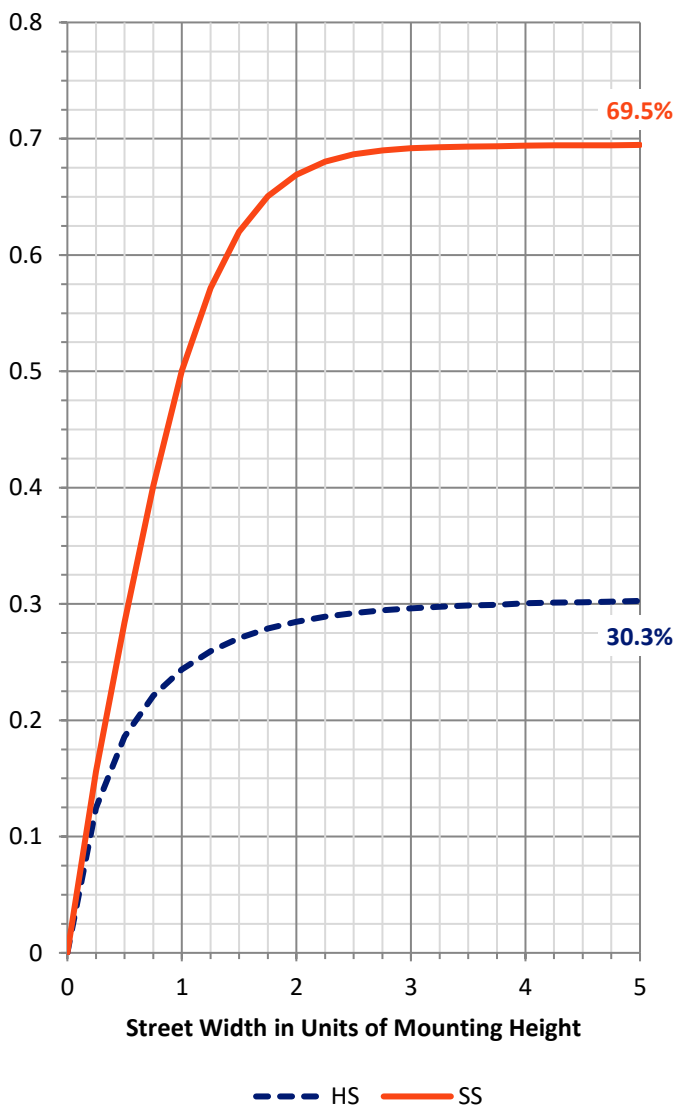
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4169.2 | 0.0 | 4169.2 |
| | % Fixture | 30.5 | 0.0 | 30.5 |
| Street Side | Lumens | 9497.8 | 0.0 | 9497.8 |
| | % Fixture | 69.5 | 0.0 | 69.5 |
| Total | Lumens | 13667.0 | 0.0 | 13667.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 465.8 | 3.4 |
| 10°-20° | 1004.2 | 7.3 |
| 20°-30° | 1522.8 | 11.1 |
| 30°-40° | 2200.2 | 16.1 |
| 40°-50° | 2940.0 | 21.5 |
| 50°-60° | 3281.7 | 24.0 |
| 60°-70° | 1800.2 | 13.2 |
| 70°-80° | 389.2 | 2.8 |
| 80°-90° | 63.0 | 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° | 13667.0 | 100.0 |
| 0°-180° | 13667.0 | 100.0 |

Coefficient of Utilization

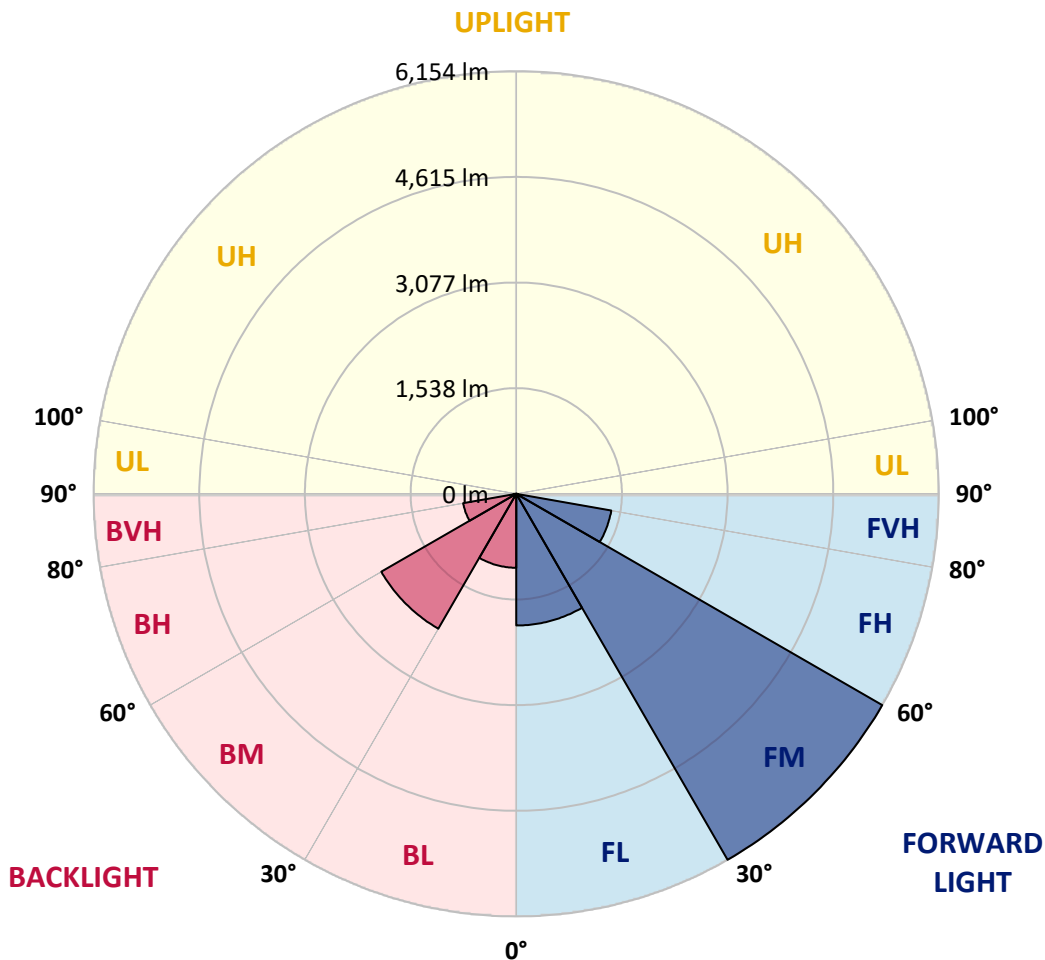


REPORT NUMBER: P528808
 CATALOG NUMBER: GLAN-SA3D-830-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1916.4 | 14.0 | | | |
| FM (30°-60°) | 6153.5 | 45.0 | | | |
| FH (60°-80°) | 1404.6 | 10.3 | | | G1/1800 |
| FVH (80°-90°) | 23.3 | 0.2 | | | G1/100 |
| BL (0°-30°) | 1076.4 | 7.9 | B3/2500 | | |
| BM (30°-60°) | 2268.4 | 16.6 | B2/2500 | | |
| BH (60°-80°) | 784.7 | 5.7 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 39.7 | 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





REPORT NUMBER: P528808

CATALOG NUMBER: GLAN-SA3D-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|--------|--------|--------|---------|---------|---------|--------|--------|--------|
| 0° | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 |
| 2.5° | 6397.9 | 6362.0 | 6393.9 | 6545.5 | 6633.4 | 6693.2 | 6731.1 | 6725.2 | 6581.5 | 6441.8 | 6441.8 |
| 5° | 6210.3 | 6164.4 | 6230.2 | 6573.5 | 6918.7 | 6948.7 | 6998.5 | 6916.7 | 6705.2 | 6449.8 | 6130.5 |
| 7.5° | 5667.5 | 5701.4 | 5811.2 | 6262.2 | 6711.2 | 6936.7 | 6996.6 | 6892.8 | 6549.5 | 6072.6 | 5603.6 |
| 10° | 5198.5 | 5278.3 | 5531.8 | 6018.7 | 6431.8 | 6725.2 | 6791.0 | 6645.3 | 6373.9 | 5789.2 | 5370.1 |
| 12.5° | 5036.9 | 4987.0 | 5268.4 | 5755.3 | 6150.4 | 6308.1 | 6338.0 | 6348.0 | 6164.4 | 5645.5 | 5134.7 |
| 15° | 5016.9 | 5048.9 | 5268.4 | 5637.6 | 5881.0 | 5889.0 | 5938.9 | 6016.7 | 6040.7 | 5743.3 | 5244.4 |
| 17.5° | 5304.3 | 5266.4 | 5491.9 | 5785.2 | 5669.5 | 5553.7 | 5565.7 | 5677.5 | 5875.0 | 5827.1 | 5589.7 |
| 20° | 5729.3 | 5815.2 | 5992.8 | 5962.8 | 5651.5 | 5358.2 | 5360.2 | 5465.9 | 5855.1 | 6174.4 | 6070.6 |
| 22.5° | 6435.8 | 6519.6 | 6651.3 | 6290.1 | 5651.5 | 5300.3 | 5232.4 | 5376.1 | 5982.8 | 6587.5 | 6613.4 |
| 25° | 7080.4 | 7234.0 | 7269.9 | 6844.9 | 5934.9 | 5354.2 | 5310.3 | 5452.0 | 6110.5 | 6990.6 | 7236.0 |
| 27.5° | 7667.1 | 7722.9 | 7880.6 | 7202.1 | 6092.5 | 5390.1 | 5386.1 | 5567.7 | 6272.2 | 7192.1 | 7792.8 |
| 30° | 8130.0 | 8124.1 | 8213.9 | 7427.6 | 6344.0 | 5591.7 | 5398.1 | 5741.3 | 6483.7 | 7525.4 | 8307.7 |
| 32.5° | 8445.4 | 8513.2 | 8702.8 | 7740.9 | 6449.8 | 5783.2 | 5631.6 | 5944.9 | 6741.1 | 7683.0 | 8670.9 |
| 35° | 9000.1 | 9117.9 | 8878.4 | 7914.5 | 6785.0 | 5972.8 | 5795.2 | 6222.3 | 6868.8 | 7854.7 | 9115.9 |
| 37.5° | 9523.0 | 9433.2 | 9189.7 | 8008.3 | 7002.5 | 6324.0 | 6158.4 | 6759.1 | 7266.0 | 8227.8 | 9411.2 |
| 40° | 9858.2 | 9856.2 | 9423.2 | 8084.2 | 7156.2 | 6860.9 | 6850.9 | 7303.9 | 7752.9 | 8463.3 | 9742.5 |
| 42.5° | 10003.9 | 10143.6 | 9519.0 | 8076.2 | 7479.5 | 7511.4 | 7713.0 | 8118.1 | 8098.1 | 8511.2 | 9734.5 |
| 44° | 10203.5 | 10287.3 | 9684.6 | 8094.1 | 7695.0 | 7950.4 | 8425.4 | 8682.8 | 8399.5 | 8485.3 | 9724.5 |
| 45° | 10195.5 | 10201.5 | 9449.1 | 8118.1 | 7878.6 | 8317.6 | 8742.7 | 9177.7 | 8664.9 | 8429.4 | 9856.2 |
| 47.5° | 9962.0 | 9894.2 | 9249.6 | 7940.5 | 8451.3 | 9287.5 | 9680.6 | 9944.0 | 8992.1 | 8309.7 | 9692.6 |
| 50° | 9501.0 | 9423.2 | 8764.6 | 7864.6 | 8571.1 | 9890.2 | 10433.0 | 10528.8 | 9289.5 | 8191.9 | 9531.0 |
| 52.5° | 9533.0 | 9511.0 | 8902.3 | 7978.4 | 8690.8 | 10079.7 | 10949.8 | 10973.8 | 9626.7 | 8439.4 | 9533.0 |
| 55° | 10103.7 | 10027.9 | 9297.5 | 8120.1 | 8603.0 | 9858.2 | 10620.6 | 10578.6 | 9513.0 | 8289.7 | 9708.6 |
| 57.5° | 9245.6 | 9295.5 | 8750.7 | 7559.3 | 7529.4 | 8014.3 | 8349.6 | 8245.8 | 7938.5 | 7481.5 | 9032.1 |
| 60° | 7459.5 | 7601.2 | 7653.1 | 6322.0 | 5681.5 | 5432.0 | 5332.2 | 5148.6 | 5200.5 | 6146.4 | 7934.5 |
| 62.5° | 6397.9 | 6389.9 | 6715.2 | 5731.3 | 3721.8 | 3200.9 | 3153.0 | 3194.9 | 3793.6 | 6050.6 | 7770.8 |
| 65° | 5072.8 | 5208.5 | 5308.3 | 4857.3 | 2945.5 | 2376.8 | 2374.8 | 2640.2 | 3282.8 | 5056.8 | 6274.1 |
| 67.5° | 3220.9 | 3398.5 | 3522.2 | 3107.1 | 1969.7 | 1692.3 | 1646.4 | 1965.7 | 2275.0 | 3316.7 | 3777.7 |
| 70° | 1816.0 | 1899.8 | 1955.7 | 1792.0 | 1253.2 | 878.1 | 826.2 | 902.0 | 1375.0 | 2147.3 | 2239.1 |
| 72.5° | 700.5 | 738.4 | 814.2 | 820.2 | 473.0 | 283.4 | 229.5 | 275.4 | 578.7 | 850.1 | 810.2 |
| 75° | 107.8 | 115.7 | 163.6 | 195.6 | 135.7 | 103.8 | 109.8 | 113.7 | 161.6 | 219.5 | 183.6 |
| 77.5° | 51.9 | 51.9 | 49.9 | 57.9 | 67.9 | 73.8 | 79.8 | 87.8 | 95.8 | 105.8 | 101.8 |
| 80° | 33.9 | 33.9 | 33.9 | 39.9 | 49.9 | 59.9 | 67.9 | 71.8 | 75.8 | 83.8 | 79.8 |
| 82.5° | 22.0 | 22.0 | 22.0 | 29.9 | 39.9 | 49.9 | 53.9 | 63.9 | 71.8 | 83.8 | 77.8 |
| 85° | 12.0 | 12.0 | 12.0 | 20.0 | 29.9 | 41.9 | 39.9 | 31.9 | 18.0 | 2.0 | 4.0 |
| 87.5° | 4.0 | 4.0 | 4.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: GLAN-SA3D-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 |
| 2.5° | 6274.1 | 6182.3 | 6174.4 | 5986.8 | 5819.2 | 5737.3 | 5671.5 | 5487.9 | 5527.8 | 5422.0 | 5420.0 |
| 5° | 5970.8 | 5783.2 | 5479.9 | 5230.5 | 4981.0 | 4931.1 | 4713.6 | 4524.0 | 4530.0 | 4394.3 | 4418.2 |
| 7.5° | 5426.0 | 5296.3 | 4927.1 | 4536.0 | 4204.7 | 3969.2 | 3763.7 | 3640.0 | 3482.3 | 3428.4 | 3400.5 |
| 10° | 5080.8 | 4921.1 | 4506.1 | 4015.1 | 3644.0 | 3518.2 | 3320.7 | 3210.9 | 3049.3 | 2969.4 | 2913.6 |
| 12.5° | 4929.1 | 4695.6 | 4176.8 | 3677.9 | 3430.4 | 3300.7 | 3133.1 | 2933.5 | 2741.9 | 2668.1 | 2566.3 |
| 15° | 4945.1 | 4665.7 | 4081.0 | 3542.2 | 3244.8 | 2993.4 | 2843.7 | 2622.2 | 2426.6 | 2296.9 | 2223.1 |
| 17.5° | 5186.5 | 4847.3 | 4124.9 | 3438.4 | 3011.4 | 2696.0 | 2402.7 | 2163.2 | 2007.6 | 1909.8 | 1885.8 |
| 20° | 5757.3 | 5296.3 | 4198.7 | 3270.8 | 2777.9 | 2384.7 | 2023.5 | 1774.1 | 1654.3 | 1652.4 | 1654.3 |
| 22.5° | 6232.2 | 5775.2 | 4348.4 | 3171.0 | 2544.4 | 1985.6 | 1626.4 | 1546.6 | 1522.6 | 1572.5 | 1578.5 |
| 25° | 6872.8 | 6314.1 | 4605.8 | 3119.1 | 2328.9 | 1692.3 | 1470.8 | 1440.8 | 1438.8 | 1502.7 | 1504.7 |
| 27.5° | 7529.4 | 6785.0 | 4759.5 | 2967.4 | 2109.3 | 1540.6 | 1377.0 | 1371.0 | 1402.9 | 1470.8 | 1464.8 |
| 30° | 7976.4 | 7180.1 | 5036.9 | 2785.8 | 1849.9 | 1406.9 | 1339.0 | 1347.0 | 1390.9 | 1442.8 | 1450.8 |
| 32.5° | 8497.2 | 7569.3 | 5108.7 | 2686.1 | 1690.3 | 1295.1 | 1247.2 | 1265.2 | 1321.1 | 1402.9 | 1446.8 |
| 35° | 9093.9 | 7844.7 | 5218.5 | 2550.4 | 1630.4 | 1209.3 | 1185.4 | 1205.3 | 1273.2 | 1327.1 | 1375.0 |
| 37.5° | 9534.9 | 8331.6 | 5238.4 | 2444.6 | 1564.5 | 1161.4 | 1123.5 | 1189.4 | 1229.3 | 1305.1 | 1329.1 |
| 40° | 9862.2 | 8684.8 | 5290.3 | 2378.7 | 1512.7 | 1099.6 | 1099.6 | 1143.5 | 1197.4 | 1267.2 | 1315.1 |
| 42.5° | 10071.8 | 8942.3 | 5328.2 | 2318.9 | 1412.9 | 1081.6 | 1071.6 | 1115.5 | 1187.4 | 1255.2 | 1277.2 |
| 44° | 10199.5 | 9052.0 | 5290.3 | 2263.0 | 1384.9 | 1059.7 | 1059.7 | 1097.6 | 1153.5 | 1233.3 | 1259.2 |
| 45° | 10231.4 | 9189.7 | 5206.5 | 2261.0 | 1351.0 | 1033.7 | 1029.7 | 1101.6 | 1139.5 | 1237.3 | 1253.2 |
| 47.5° | 10355.1 | 9359.3 | 5216.5 | 2197.1 | 1269.2 | 971.9 | 1041.7 | 1073.6 | 1107.6 | 1193.4 | 1247.2 |
| 50° | 10351.1 | 9465.1 | 5194.5 | 2103.4 | 1209.3 | 902.0 | 1017.8 | 1053.7 | 1087.6 | 1175.4 | 1197.4 |
| 52.5° | 10379.1 | 9860.2 | 5396.1 | 1953.7 | 1101.6 | 812.2 | 937.9 | 1017.8 | 1059.7 | 1133.5 | 1179.4 |
| 55° | 10365.1 | 10085.7 | 5595.6 | 1841.9 | 949.9 | 758.3 | 870.1 | 963.9 | 1023.7 | 1101.6 | 1123.5 |
| 57.5° | 9467.1 | 8914.3 | 5178.6 | 1632.4 | 786.3 | 694.5 | 774.3 | 908.0 | 983.8 | 1063.7 | 1091.6 |
| 60° | 7734.9 | 6870.8 | 4270.6 | 1201.3 | 646.6 | 638.6 | 720.4 | 890.0 | 922.0 | 991.8 | 1039.7 |
| 62.5° | 7148.2 | 6026.7 | 3386.5 | 918.0 | 552.8 | 584.7 | 664.5 | 804.2 | 854.1 | 939.9 | 983.8 |
| 65° | 5593.6 | 4003.2 | 2097.4 | 620.6 | 486.9 | 524.8 | 600.7 | 704.4 | 786.3 | 866.1 | 918.0 |
| 67.5° | 3312.7 | 2187.2 | 1037.7 | 435.0 | 425.1 | 465.0 | 542.8 | 620.6 | 714.4 | 802.2 | 828.2 |
| 70° | 1804.0 | 1075.6 | 443.0 | 331.3 | 361.2 | 397.1 | 473.0 | 526.8 | 616.6 | 684.5 | 728.4 |
| 72.5° | 578.7 | 327.3 | 221.5 | 245.5 | 275.4 | 317.3 | 363.2 | 429.1 | 492.9 | 532.8 | 568.7 |
| 75° | 139.7 | 137.7 | 157.7 | 171.6 | 199.6 | 231.5 | 269.4 | 303.3 | 353.2 | 391.1 | 423.1 |
| 77.5° | 97.8 | 105.8 | 121.7 | 141.7 | 151.7 | 163.6 | 187.6 | 213.5 | 235.5 | 263.4 | 283.4 |
| 80° | 75.8 | 81.8 | 93.8 | 103.8 | 113.7 | 123.7 | 135.7 | 145.7 | 159.6 | 177.6 | 187.6 |
| 82.5° | 71.8 | 75.8 | 87.8 | 93.8 | 89.8 | 87.8 | 95.8 | 99.8 | 101.8 | 107.8 | 113.7 |
| 85° | 6.0 | 0.0 | 4.0 | 14.0 | 33.9 | 49.9 | 53.9 | 53.9 | 51.9 | 55.9 | 55.9 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 8.0 | 6.0 |
| 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-SA3D-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 |
| 2.5° | 5396.1 | 5328.2 | 5354.2 | 5386.1 | 5340.2 | 5234.4 | 5262.4 | 5250.4 | 5358.2 | 5350.2 | 5457.9 |
| 5° | 4524.0 | 4418.2 | 4430.2 | 4585.9 | 4536.0 | 4589.9 | 4482.1 | 4468.1 | 4488.1 | 4498.1 | 4516.0 |
| 7.5° | 3462.4 | 3448.4 | 3568.1 | 3699.8 | 3761.7 | 3697.8 | 3592.1 | 3568.1 | 3546.2 | 3502.3 | 3602.0 |
| 10° | 2825.8 | 2829.8 | 2821.8 | 2921.5 | 2991.4 | 2977.4 | 2913.6 | 2905.6 | 2863.7 | 2847.7 | 2903.6 |
| 12.5° | 2522.4 | 2468.5 | 2442.6 | 2410.7 | 2464.6 | 2500.5 | 2472.5 | 2452.6 | 2454.6 | 2474.5 | 2482.5 |
| 15° | 2229.1 | 2195.2 | 2139.3 | 2103.4 | 2129.3 | 2111.3 | 2101.4 | 2141.3 | 2131.3 | 2127.3 | 2175.2 |
| 17.5° | 1899.8 | 1927.7 | 1923.8 | 1883.8 | 1917.8 | 1903.8 | 1901.8 | 1873.9 | 1835.9 | 1808.0 | 1824.0 |
| 20° | 1682.3 | 1734.2 | 1774.1 | 1776.1 | 1794.0 | 1792.0 | 1762.1 | 1676.3 | 1648.4 | 1642.4 | 1646.4 |
| 22.5° | 1604.5 | 1632.4 | 1680.3 | 1748.1 | 1748.1 | 1716.2 | 1680.3 | 1580.5 | 1554.6 | 1526.6 | 1514.7 |
| 25° | 1542.6 | 1596.5 | 1658.3 | 1666.3 | 1698.3 | 1668.3 | 1610.4 | 1560.6 | 1506.7 | 1468.8 | 1468.8 |
| 27.5° | 1510.7 | 1570.5 | 1616.4 | 1630.4 | 1674.3 | 1650.4 | 1590.5 | 1526.6 | 1462.8 | 1460.8 | 1426.8 |
| 30° | 1496.7 | 1552.6 | 1582.5 | 1616.4 | 1636.4 | 1598.5 | 1580.5 | 1512.7 | 1448.8 | 1432.8 | 1377.0 |
| 32.5° | 1454.8 | 1534.6 | 1590.5 | 1582.5 | 1598.5 | 1582.5 | 1556.6 | 1500.7 | 1428.8 | 1392.9 | 1386.9 |
| 35° | 1406.9 | 1486.7 | 1546.6 | 1588.5 | 1598.5 | 1564.5 | 1548.6 | 1472.7 | 1375.0 | 1357.0 | 1295.1 |
| 37.5° | 1381.0 | 1428.8 | 1502.7 | 1570.5 | 1584.5 | 1566.5 | 1512.7 | 1434.8 | 1337.0 | 1317.1 | 1263.2 |
| 40° | 1349.0 | 1410.9 | 1468.8 | 1524.6 | 1566.5 | 1522.6 | 1460.8 | 1384.9 | 1341.0 | 1281.2 | 1265.2 |
| 42.5° | 1325.1 | 1394.9 | 1442.8 | 1504.7 | 1552.6 | 1494.7 | 1422.9 | 1371.0 | 1309.1 | 1269.2 | 1223.3 |
| 44° | 1317.1 | 1381.0 | 1412.9 | 1488.7 | 1528.6 | 1484.7 | 1424.9 | 1371.0 | 1299.1 | 1263.2 | 1223.3 |
| 45° | 1289.2 | 1377.0 | 1410.9 | 1478.7 | 1512.7 | 1476.7 | 1400.9 | 1347.0 | 1295.1 | 1251.2 | 1209.3 |
| 47.5° | 1261.2 | 1321.1 | 1379.0 | 1432.8 | 1456.8 | 1444.8 | 1381.0 | 1315.1 | 1253.2 | 1227.3 | 1187.4 |
| 50° | 1253.2 | 1313.1 | 1367.0 | 1416.9 | 1444.8 | 1420.9 | 1363.0 | 1299.1 | 1227.3 | 1185.4 | 1151.5 |
| 52.5° | 1213.3 | 1287.2 | 1347.0 | 1363.0 | 1398.9 | 1384.9 | 1341.0 | 1271.2 | 1203.3 | 1167.4 | 1139.5 |
| 55° | 1155.4 | 1233.3 | 1315.1 | 1335.1 | 1386.9 | 1365.0 | 1299.1 | 1233.3 | 1175.4 | 1121.5 | 1085.6 |
| 57.5° | 1133.5 | 1209.3 | 1289.2 | 1315.1 | 1347.0 | 1311.1 | 1295.1 | 1225.3 | 1133.5 | 1105.6 | 1049.7 |
| 60° | 1077.6 | 1173.4 | 1239.3 | 1299.1 | 1301.1 | 1291.1 | 1263.2 | 1183.4 | 1107.6 | 1055.7 | 1015.8 |
| 62.5° | 1033.7 | 1123.5 | 1175.4 | 1231.3 | 1265.2 | 1237.3 | 1209.3 | 1135.5 | 1053.7 | 995.8 | 949.9 |
| 65° | 969.9 | 1051.7 | 1095.6 | 1129.5 | 1167.4 | 1163.4 | 1115.5 | 1061.7 | 975.8 | 929.9 | 886.0 |
| 67.5° | 872.1 | 943.9 | 1003.8 | 1035.7 | 1059.7 | 1053.7 | 1017.8 | 979.8 | 892.0 | 846.1 | 814.2 |
| 70° | 754.3 | 828.2 | 866.1 | 884.0 | 908.0 | 920.0 | 892.0 | 874.1 | 796.2 | 736.4 | 706.4 |
| 72.5° | 606.7 | 654.6 | 710.4 | 726.4 | 736.4 | 744.4 | 744.4 | 728.4 | 648.6 | 624.6 | 572.7 |
| 75° | 447.0 | 484.9 | 526.8 | 526.8 | 544.8 | 546.8 | 550.8 | 540.8 | 480.9 | 449.0 | 437.0 |
| 77.5° | 303.3 | 331.3 | 365.2 | 379.2 | 391.1 | 389.1 | 387.1 | 359.2 | 327.3 | 313.3 | 301.3 |
| 80° | 197.6 | 225.5 | 241.5 | 259.4 | 271.4 | 269.4 | 273.4 | 253.4 | 239.5 | 215.5 | 219.5 |
| 82.5° | 117.7 | 139.7 | 155.7 | 177.6 | 177.6 | 183.6 | 183.6 | 177.6 | 163.6 | 151.7 | 151.7 |
| 85° | 55.9 | 73.8 | 83.8 | 97.8 | 105.8 | 107.8 | 95.8 | 81.8 | 67.9 | 61.9 | 67.9 |
| 87.5° | 10.0 | 14.0 | 20.0 | 18.0 | 22.0 | 20.0 | 20.0 | 20.0 | 20.0 | 16.0 | 18.0 |
| 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: P528808

CATALOG NUMBER: GLAN-SA3D-830-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0° | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 | 6096.5 |
| 2.5° | 5418.0 | 5517.8 | 5587.7 | 5703.4 | 5903.0 | 6062.6 | 6226.3 | 6348.0 | 6362.0 | 6397.9 |
| 5° | 4581.9 | 4635.8 | 4813.4 | 5044.9 | 5208.5 | 5477.9 | 5651.5 | 5966.8 | 6084.6 | 6210.3 |
| 7.5° | 3578.1 | 3665.9 | 3903.4 | 4059.0 | 4418.2 | 4755.5 | 5104.7 | 5493.9 | 5649.5 | 5667.5 |
| 10° | 3017.3 | 3145.1 | 3306.7 | 3556.1 | 3751.7 | 4126.9 | 4561.9 | 4995.0 | 5168.6 | 5198.5 |
| 12.5° | 2650.1 | 2813.8 | 3029.3 | 3208.9 | 3396.5 | 3723.8 | 4140.9 | 4675.7 | 4901.2 | 5036.9 |
| 15° | 2296.9 | 2466.6 | 2704.0 | 2953.5 | 3119.1 | 3510.2 | 4001.2 | 4603.8 | 4897.2 | 5016.9 |
| 17.5° | 1933.7 | 2091.4 | 2287.0 | 2556.4 | 2889.6 | 3328.7 | 3979.2 | 4843.3 | 5164.6 | 5304.3 |
| 20° | 1622.4 | 1710.2 | 1937.7 | 2215.1 | 2632.2 | 3143.1 | 3987.2 | 5196.5 | 5667.5 | 5729.3 |
| 22.5° | 1500.7 | 1520.6 | 1610.4 | 1865.9 | 2322.9 | 2953.5 | 4128.9 | 5697.4 | 6232.2 | 6435.8 |
| 25° | 1406.9 | 1402.9 | 1426.8 | 1598.5 | 2097.4 | 2879.6 | 4268.6 | 6158.4 | 6858.9 | 7080.4 |
| 27.5° | 1355.0 | 1315.1 | 1317.1 | 1478.7 | 1937.7 | 2759.9 | 4448.2 | 6687.2 | 7569.3 | 7667.1 |
| 30° | 1329.1 | 1321.1 | 1297.1 | 1363.0 | 1764.1 | 2580.3 | 4478.1 | 7208.1 | 7988.4 | 8130.0 |
| 32.5° | 1313.1 | 1235.3 | 1205.3 | 1229.3 | 1600.5 | 2384.7 | 4589.9 | 7551.3 | 8507.2 | 8445.4 |
| 35° | 1233.3 | 1163.4 | 1143.5 | 1167.4 | 1484.7 | 2275.0 | 4516.0 | 7850.7 | 8896.4 | 9000.1 |
| 37.5° | 1203.3 | 1141.5 | 1101.6 | 1081.6 | 1377.0 | 2183.2 | 4478.1 | 8311.6 | 9273.5 | 9523.0 |
| 40° | 1175.4 | 1109.6 | 1061.7 | 1041.7 | 1293.1 | 2061.4 | 4466.1 | 8666.9 | 9708.6 | 9858.2 |
| 42.5° | 1143.5 | 1101.6 | 1047.7 | 1011.8 | 1191.4 | 1939.7 | 4328.4 | 8776.6 | 9842.3 | 10003.9 |
| 44° | 1133.5 | 1069.6 | 1013.8 | 1001.8 | 1151.5 | 1877.9 | 4300.5 | 8876.4 | 9958.0 | 10203.5 |
| 45° | 1123.5 | 1063.7 | 999.8 | 983.8 | 1137.5 | 1843.9 | 4262.6 | 8900.3 | 10149.6 | 10195.5 |
| 47.5° | 1095.6 | 1057.7 | 995.8 | 951.9 | 1107.6 | 1770.1 | 4148.8 | 8764.6 | 9954.0 | 9962.0 |
| 50° | 1073.6 | 1029.7 | 965.9 | 880.1 | 1067.6 | 1708.2 | 4200.7 | 8714.8 | 9483.1 | 9501.0 |
| 52.5° | 1049.7 | 983.8 | 947.9 | 800.2 | 1001.8 | 1656.3 | 4310.5 | 8940.3 | 9536.9 | 9533.0 |
| 55° | 1021.7 | 949.9 | 862.1 | 732.4 | 892.0 | 1590.5 | 4575.9 | 9385.3 | 10035.8 | 10103.7 |
| 57.5° | 977.8 | 916.0 | 790.3 | 672.5 | 766.3 | 1464.8 | 4490.1 | 8533.2 | 9233.6 | 9245.6 |
| 60° | 920.0 | 862.1 | 716.4 | 626.6 | 628.6 | 1155.4 | 4015.1 | 6649.3 | 7285.9 | 7459.5 |
| 62.5° | 864.1 | 832.2 | 654.6 | 560.8 | 534.8 | 920.0 | 3394.5 | 5525.8 | 6254.2 | 6397.9 |
| 65° | 798.2 | 720.4 | 600.7 | 510.9 | 459.0 | 644.6 | 2404.7 | 4128.9 | 4879.2 | 5072.8 |
| 67.5° | 714.4 | 630.6 | 528.8 | 449.0 | 393.1 | 431.0 | 1241.3 | 2346.8 | 3107.1 | 3220.9 |
| 70° | 624.6 | 546.8 | 445.0 | 379.2 | 317.3 | 297.3 | 546.8 | 1119.5 | 1698.3 | 1816.0 |
| 72.5° | 512.9 | 441.0 | 355.2 | 299.3 | 237.5 | 205.5 | 183.6 | 299.3 | 602.7 | 700.5 |
| 75° | 371.2 | 321.3 | 267.4 | 213.5 | 167.6 | 131.7 | 107.8 | 89.8 | 99.8 | 107.8 |
| 77.5° | 273.4 | 233.5 | 197.6 | 151.7 | 117.7 | 93.8 | 73.8 | 55.9 | 53.9 | 51.9 |
| 80° | 213.5 | 189.6 | 157.7 | 121.7 | 91.8 | 69.8 | 51.9 | 37.9 | 33.9 | 33.9 |
| 82.5° | 167.6 | 155.7 | 129.7 | 99.8 | 75.8 | 55.9 | 37.9 | 25.9 | 22.0 | 22.0 |
| 85° | 63.9 | 63.9 | 93.8 | 81.8 | 57.9 | 39.9 | 25.9 | 14.0 | 12.0 | 12.0 |
| 87.5° | 16.0 | 16.0 | 16.0 | 16.0 | 14.0 | 12.0 | 12.0 | 6.0 | 4.0 | 4.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)