

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: P530448

Luminaire Tested: **GLAN-SA5C-830-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530448
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5C-830-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20836 lumens
Efficiency: N/A
Efficacy: 77.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 269
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

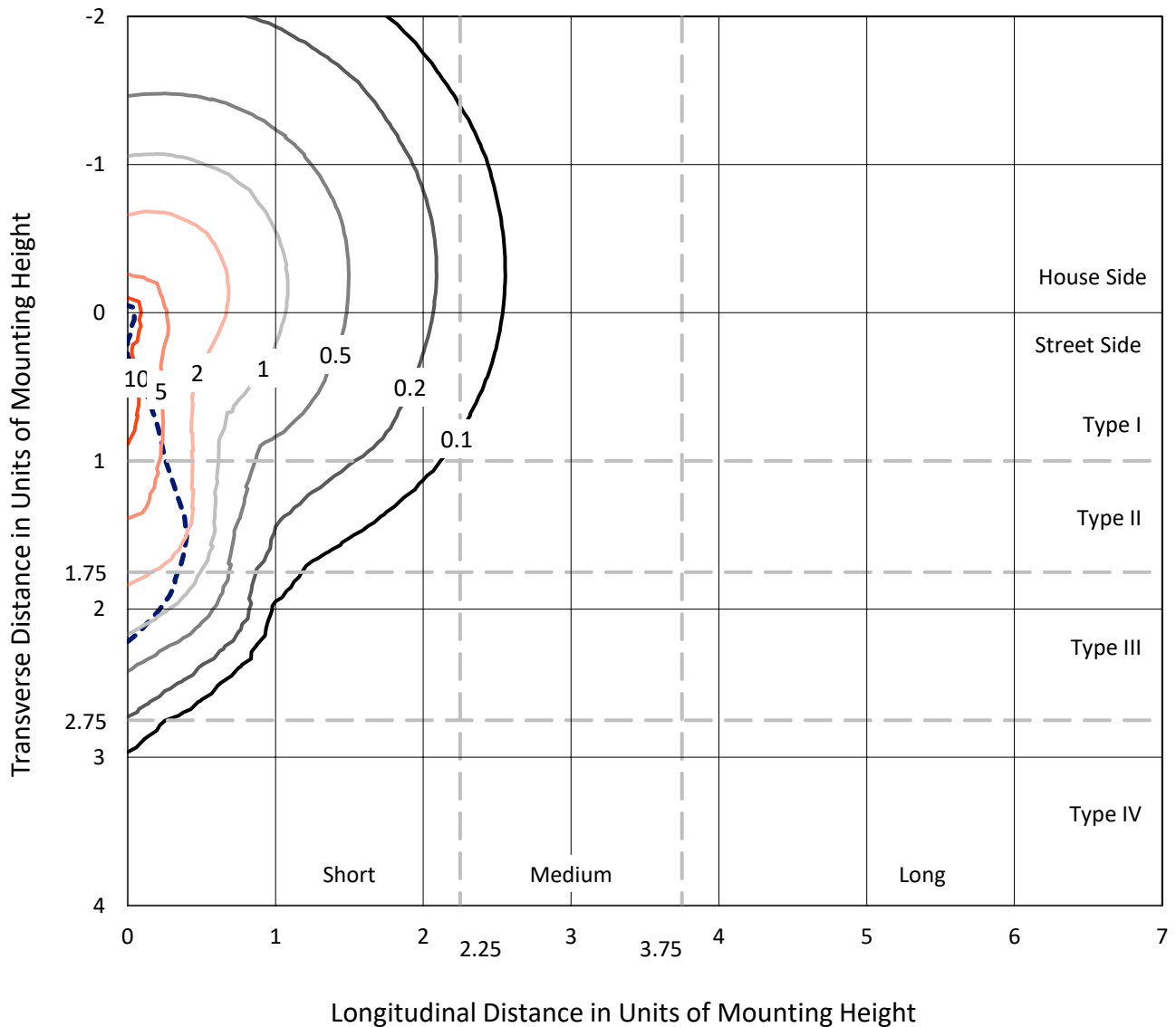




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Iso-Footcandle Lines of Horizontal Illumination

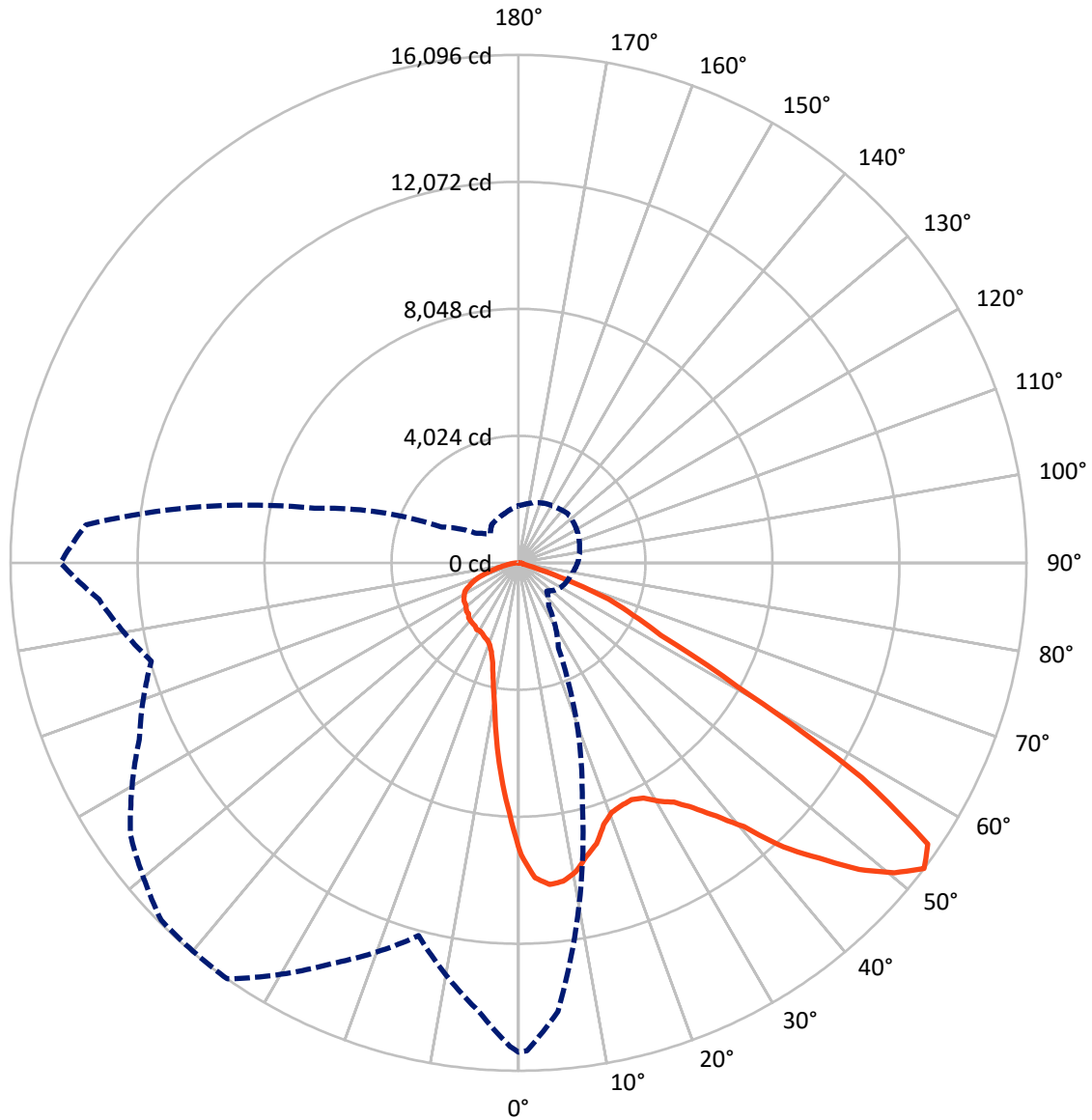
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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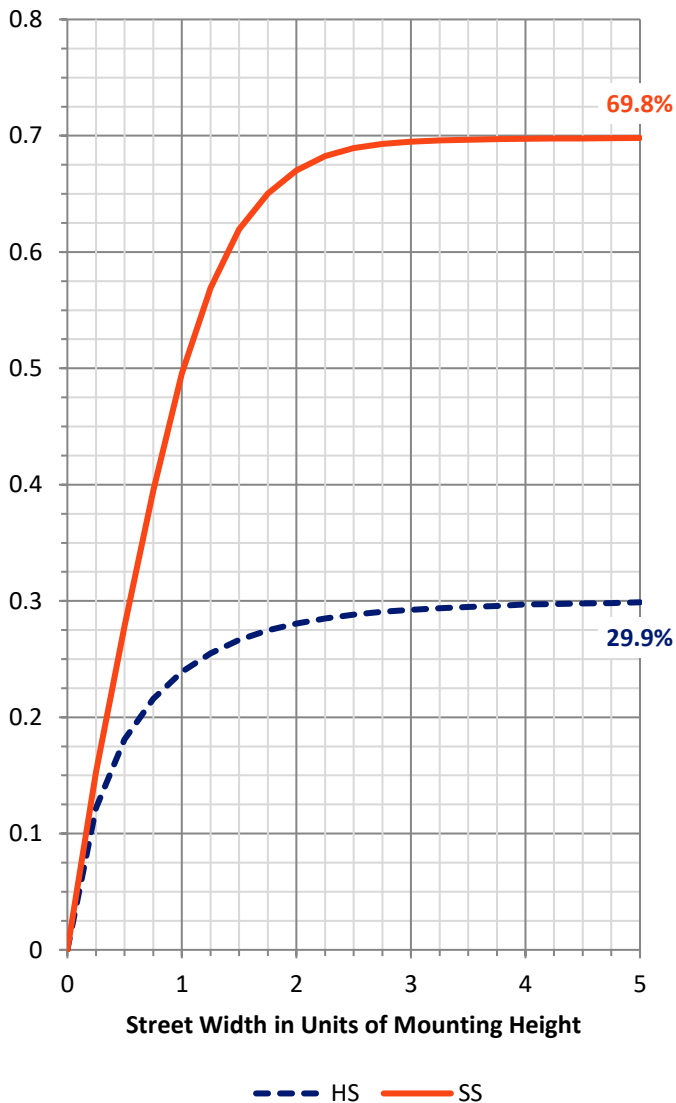
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 6281.2 | 0.0 | 6281.2 |
| | % Fixture | 30.1 | 0.0 | 30.1 |
| Street Side | Lumens | 14554.8 | 0.0 | 14554.8 |
| | % Fixture | 69.9 | 0.0 | 69.9 |
| Total | Lumens | 20836.0 | 0.0 | 20836.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 705.5 | 3.4 |
| 10°-20° | 1529.4 | 7.3 |
| 20°-30° | 2310.7 | 11.1 |
| 30°-40° | 3339.1 | 16.0 |
| 40°-50° | 4443.8 | 21.3 |
| 50°-60° | 4970.5 | 23.9 |
| 60°-70° | 2801.3 | 13.4 |
| 70°-80° | 624.5 | 3.0 |
| 80°-90° | 111.2 | 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° | 20836.0 | 100.0 |
| 0°-180° | 20836.0 | 100.0 |

Coefficient of Utilization



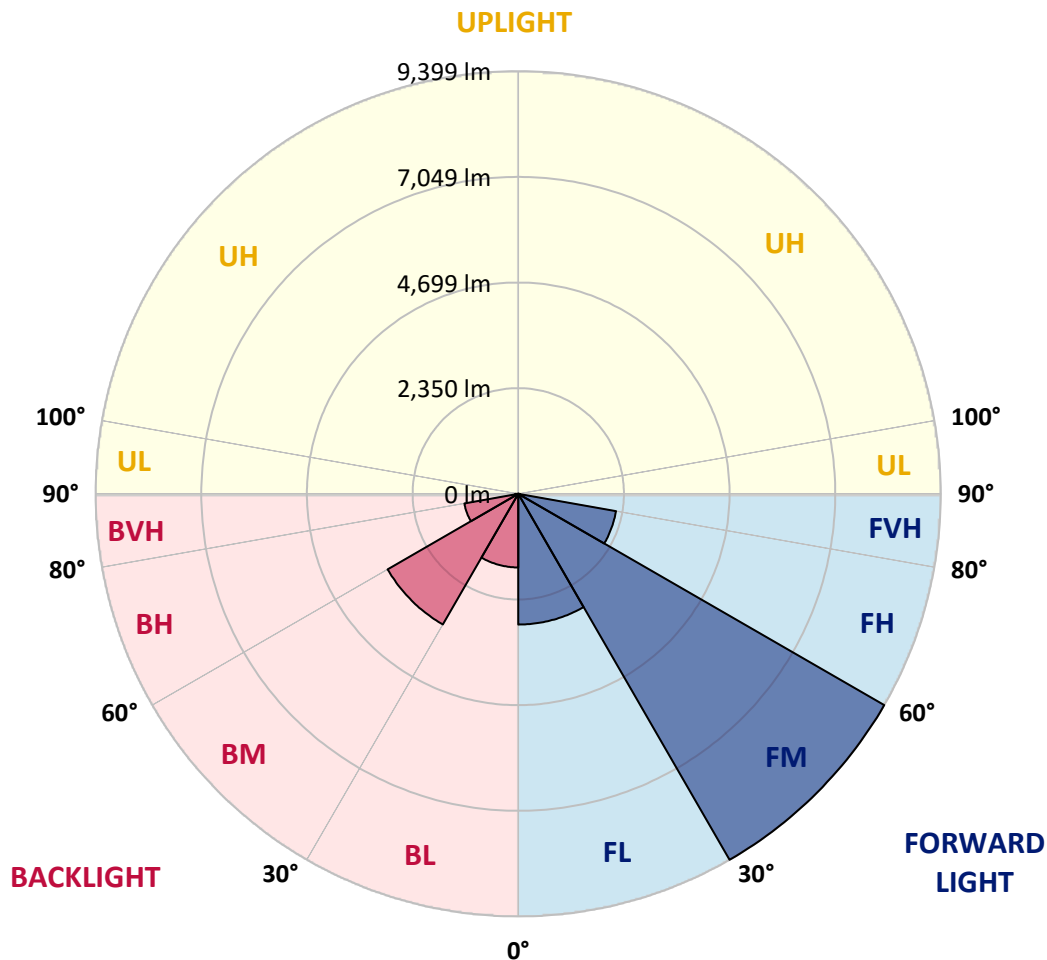
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2907.6 | 14.0 | | | |
| FM (30°-60°) | 9398.6 | 45.1 | | | |
| FH (60°-80°) | 2208.3 | 10.6 | | | G2/5000 |
| FVH (80°-90°) | 40.3 | 0.2 | | | G1/100 |
| BL (0°-30°) | 1638.0 | 7.9 | B3/2500 | | |
| BM (30°-60°) | 3354.8 | 16.1 | B3/5000 | | |
| BH (60°-80°) | 1217.5 | 5.8 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 70.9 | 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-G3

Type III Short





REPORT NUMBER: P530448

CATALOG NUMBER: GLAN-SA5C-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 |
| 2.5° | 9401.2 | 9552.2 | 9389.1 | 9099.2 | 8893.8 | 8706.6 | 8510.3 | 8471.0 | 8214.3 | 8169.0 | 7981.8 |
| 5° | 8866.6 | 8833.4 | 8634.1 | 8253.6 | 7833.8 | 7453.3 | 7172.4 | 6900.6 | 6716.4 | 6502.0 | 6486.9 |
| 7.5° | 8217.3 | 8024.1 | 7909.3 | 7332.5 | 6813.0 | 6215.1 | 5958.4 | 5544.7 | 5414.8 | 5221.5 | 5121.9 |
| 10° | 7637.5 | 7495.6 | 7226.8 | 6650.0 | 5925.2 | 5529.6 | 5254.7 | 5031.3 | 4880.3 | 4681.0 | 4430.3 |
| 12.5° | 7350.6 | 7293.2 | 6991.2 | 6097.3 | 5559.8 | 5137.0 | 4943.7 | 4726.3 | 4469.6 | 4149.4 | 4025.6 |
| 15° | 7401.9 | 7208.7 | 6979.1 | 5991.6 | 5248.7 | 4841.0 | 4533.0 | 4261.2 | 3932.0 | 3627.0 | 3448.8 |
| 17.5° | 7785.5 | 7637.5 | 7178.5 | 6058.1 | 5130.9 | 4542.0 | 3983.3 | 3581.7 | 3285.7 | 3010.9 | 2887.1 |
| 20° | 8540.5 | 8326.1 | 7809.6 | 6142.6 | 4877.2 | 4125.3 | 3485.0 | 2989.8 | 2672.7 | 2527.7 | 2485.4 |
| 22.5° | 9377.0 | 9250.2 | 8425.7 | 6332.9 | 4674.9 | 3738.7 | 2956.5 | 2461.3 | 2343.5 | 2304.2 | 2382.8 |
| 25° | 10394.7 | 10065.6 | 9383.0 | 6643.9 | 4517.9 | 3409.5 | 2509.6 | 2234.8 | 2174.4 | 2213.6 | 2304.2 |
| 27.5° | 11167.8 | 11080.3 | 10053.5 | 6936.9 | 4303.5 | 3013.9 | 2258.9 | 2077.7 | 2095.9 | 2135.1 | 2219.7 |
| 30° | 12085.9 | 11642.0 | 10702.8 | 7139.2 | 4110.2 | 2742.1 | 2083.8 | 2035.5 | 2053.6 | 2120.0 | 2162.3 |
| 32.5° | 12638.6 | 12472.5 | 11110.5 | 7444.2 | 3886.7 | 2506.6 | 1947.9 | 1902.6 | 1929.8 | 2029.4 | 2129.1 |
| 35° | 13342.2 | 13013.0 | 11614.8 | 7522.7 | 3729.7 | 2413.0 | 1851.2 | 1818.0 | 1881.4 | 1950.9 | 2062.6 |
| 37.5° | 14163.7 | 13937.2 | 12312.4 | 7468.4 | 3645.1 | 2316.3 | 1769.7 | 1754.6 | 1799.9 | 1896.5 | 2026.4 |
| 40° | 14649.9 | 14580.4 | 12677.8 | 7501.6 | 3512.2 | 2231.8 | 1676.1 | 1694.2 | 1787.8 | 1863.3 | 1990.2 |
| 42.5° | 15118.0 | 14665.0 | 13218.4 | 7489.5 | 3427.7 | 2117.0 | 1685.1 | 1664.0 | 1736.5 | 1824.1 | 1944.9 |
| 45° | 15220.6 | 14770.7 | 13345.2 | 7405.0 | 3325.0 | 2005.3 | 1615.7 | 1624.7 | 1712.3 | 1821.0 | 1899.6 |
| 47.5° | 15154.2 | 14822.0 | 13580.8 | 7380.8 | 3228.3 | 1926.7 | 1513.0 | 1621.7 | 1673.1 | 1760.6 | 1872.4 |
| 50° | 15108.9 | 15090.8 | 13780.1 | 7495.6 | 3098.5 | 1802.9 | 1389.2 | 1582.5 | 1633.8 | 1721.4 | 1842.2 |
| 52.5° | 15507.5 | 15468.3 | 14278.4 | 7797.6 | 2995.8 | 1670.0 | 1262.3 | 1482.8 | 1606.6 | 1691.2 | 1809.0 |
| 55° | 15749.1 | 15577.0 | 15133.1 | 8169.0 | 2823.7 | 1494.9 | 1174.8 | 1359.0 | 1540.2 | 1615.7 | 1736.5 |
| 57.5° | 14166.7 | 14048.9 | 13689.5 | 7625.4 | 2533.8 | 1265.4 | 1066.0 | 1232.1 | 1449.6 | 1567.4 | 1691.2 |
| 60° | 11786.9 | 11602.7 | 10681.6 | 6480.9 | 1869.4 | 984.5 | 999.6 | 1132.5 | 1425.4 | 1470.7 | 1615.7 |
| 62.5° | 11113.5 | 10657.5 | 9404.2 | 5215.5 | 1434.5 | 845.6 | 896.9 | 1041.9 | 1298.6 | 1374.1 | 1519.0 |
| 65° | 8818.3 | 8480.1 | 6728.5 | 3765.9 | 960.4 | 733.9 | 818.4 | 939.2 | 1120.4 | 1268.4 | 1401.3 |
| 67.5° | 5520.5 | 5197.4 | 3590.7 | 1781.8 | 670.4 | 628.2 | 730.8 | 857.7 | 1005.6 | 1138.5 | 1286.5 |
| 70° | 2884.1 | 2530.7 | 1658.0 | 643.3 | 462.1 | 513.4 | 610.0 | 730.8 | 875.8 | 984.5 | 1099.3 |
| 72.5° | 1075.1 | 872.8 | 540.6 | 277.8 | 320.1 | 392.6 | 495.3 | 582.9 | 685.5 | 818.4 | 881.8 |
| 75° | 166.1 | 141.9 | 138.9 | 169.1 | 217.4 | 283.9 | 353.3 | 440.9 | 531.5 | 616.1 | 658.4 |
| 77.5° | 78.5 | 75.5 | 84.6 | 111.7 | 145.0 | 202.3 | 256.7 | 341.3 | 413.7 | 468.1 | 492.3 |
| 80° | 51.3 | 48.3 | 54.4 | 75.5 | 108.7 | 151.0 | 205.4 | 262.7 | 329.2 | 374.5 | 368.4 |
| 82.5° | 30.2 | 33.2 | 33.2 | 51.3 | 75.5 | 108.7 | 148.0 | 199.3 | 244.6 | 283.9 | 259.7 |
| 85° | 18.1 | 15.1 | 15.1 | 30.2 | 51.3 | 87.6 | 123.8 | 84.6 | 87.6 | 87.6 | 99.7 |
| 87.5° | 6.0 | 6.0 | 6.0 | 3.0 | 6.0 | 6.0 | 9.1 | 15.1 | 18.1 | 21.1 | 27.2 |
| 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-SA5C-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 |
| 2.5° | 7975.7 | 8069.4 | 8036.1 | 7918.4 | 8009.0 | 8024.1 | 7963.7 | 8172.0 | 8211.3 | 8147.9 | 8166.0 |
| 5° | 6465.8 | 6489.9 | 6544.3 | 6659.0 | 6740.6 | 6837.2 | 6837.2 | 6843.2 | 6761.7 | 6967.1 | 6906.7 |
| 7.5° | 5037.3 | 5052.4 | 5115.8 | 5360.4 | 5429.9 | 5614.1 | 5692.6 | 5638.3 | 5475.2 | 5405.7 | 5463.1 |
| 10° | 4348.8 | 4261.2 | 4240.0 | 4270.2 | 4427.3 | 4505.8 | 4572.2 | 4554.1 | 4526.9 | 4472.6 | 4412.2 |
| 12.5° | 3889.7 | 3826.3 | 3775.0 | 3702.5 | 3711.5 | 3787.0 | 3838.4 | 3796.1 | 3808.2 | 3820.3 | 3838.4 |
| 15° | 3391.4 | 3346.1 | 3318.9 | 3210.2 | 3198.1 | 3249.5 | 3267.6 | 3291.8 | 3337.1 | 3340.1 | 3318.9 |
| 17.5° | 2862.9 | 2823.7 | 2884.1 | 2944.5 | 2902.2 | 2905.2 | 2938.4 | 2959.6 | 2947.5 | 2893.1 | 2866.0 |
| 20° | 2500.5 | 2542.8 | 2603.2 | 2660.6 | 2705.9 | 2733.1 | 2745.2 | 2711.9 | 2672.7 | 2560.9 | 2557.9 |
| 22.5° | 2394.8 | 2449.2 | 2500.5 | 2588.1 | 2630.4 | 2699.9 | 2636.4 | 2560.9 | 2506.6 | 2452.2 | 2388.8 |
| 25° | 2316.3 | 2361.6 | 2464.3 | 2497.5 | 2579.1 | 2636.4 | 2591.1 | 2515.6 | 2422.0 | 2343.5 | 2295.2 |
| 27.5° | 2258.9 | 2310.3 | 2376.7 | 2467.3 | 2530.7 | 2564.0 | 2518.7 | 2488.5 | 2391.8 | 2298.2 | 2228.7 |
| 30° | 2222.7 | 2277.1 | 2397.9 | 2473.4 | 2527.7 | 2554.9 | 2476.4 | 2440.1 | 2370.7 | 2292.2 | 2231.8 |
| 32.5° | 2198.5 | 2246.9 | 2349.5 | 2446.2 | 2482.4 | 2482.4 | 2494.5 | 2452.2 | 2355.6 | 2222.7 | 2171.4 |
| 35° | 2120.0 | 2186.5 | 2271.0 | 2382.8 | 2449.2 | 2488.5 | 2428.1 | 2379.7 | 2316.3 | 2180.4 | 2086.8 |
| 37.5° | 2074.7 | 2120.0 | 2228.7 | 2334.4 | 2391.8 | 2434.1 | 2409.9 | 2325.4 | 2240.8 | 2129.1 | 2053.6 |
| 40° | 2026.4 | 2098.9 | 2195.5 | 2295.2 | 2358.6 | 2400.9 | 2382.8 | 2283.1 | 2180.4 | 2074.7 | 2023.4 |
| 42.5° | 1993.2 | 2041.5 | 2141.2 | 2252.9 | 2328.4 | 2409.9 | 2355.6 | 2231.8 | 2159.3 | 2014.3 | 1956.9 |
| 45° | 1966.0 | 2044.5 | 2150.2 | 2195.5 | 2274.0 | 2358.6 | 2262.0 | 2186.5 | 2101.9 | 1996.2 | 1947.9 |
| 47.5° | 1932.8 | 2005.3 | 2074.7 | 2195.5 | 2231.8 | 2271.0 | 2252.9 | 2132.1 | 2059.6 | 1944.9 | 1911.6 |
| 50° | 1920.7 | 1947.9 | 2074.7 | 2141.2 | 2192.5 | 2231.8 | 2183.4 | 2092.8 | 2023.4 | 1905.6 | 1833.1 |
| 52.5° | 1872.4 | 1923.7 | 2005.3 | 2092.8 | 2156.3 | 2204.6 | 2126.1 | 2068.7 | 1975.1 | 1851.2 | 1805.9 |
| 55° | 1812.0 | 1842.2 | 1987.1 | 2077.7 | 2111.0 | 2144.2 | 2114.0 | 2020.4 | 1923.7 | 1796.9 | 1751.6 |
| 57.5° | 1733.5 | 1802.9 | 1920.7 | 2047.5 | 2089.8 | 2107.9 | 2059.6 | 1984.1 | 1863.3 | 1751.6 | 1679.1 |
| 60° | 1651.9 | 1724.4 | 1854.3 | 1956.9 | 1999.2 | 2065.7 | 1993.2 | 1947.9 | 1809.0 | 1685.1 | 1606.6 |
| 62.5° | 1570.4 | 1651.9 | 1748.6 | 1878.4 | 1914.7 | 1941.8 | 1923.7 | 1860.3 | 1748.6 | 1609.6 | 1513.0 |
| 65° | 1473.7 | 1534.1 | 1654.9 | 1721.4 | 1745.5 | 1809.0 | 1745.5 | 1721.4 | 1621.7 | 1488.8 | 1407.3 |
| 67.5° | 1328.8 | 1380.1 | 1485.8 | 1549.2 | 1567.4 | 1594.5 | 1591.5 | 1564.3 | 1452.6 | 1362.0 | 1289.5 |
| 70° | 1162.7 | 1208.0 | 1274.4 | 1349.9 | 1359.0 | 1392.2 | 1362.0 | 1356.0 | 1283.5 | 1159.7 | 1120.4 |
| 72.5° | 933.2 | 975.4 | 1063.0 | 1096.2 | 1099.3 | 1111.3 | 1096.2 | 1075.1 | 1057.0 | 927.1 | 887.9 |
| 75° | 715.7 | 739.9 | 782.2 | 812.4 | 812.4 | 827.5 | 818.4 | 797.3 | 749.0 | 667.4 | 628.2 |
| 77.5° | 498.3 | 522.5 | 576.8 | 594.9 | 591.9 | 598.0 | 570.8 | 549.6 | 477.2 | 434.9 | 401.7 |
| 80° | 362.4 | 377.5 | 404.7 | 416.8 | 419.8 | 428.8 | 395.6 | 377.5 | 335.2 | 286.9 | 271.8 |
| 82.5° | 262.7 | 271.8 | 274.8 | 289.9 | 289.9 | 274.8 | 265.8 | 247.6 | 217.4 | 187.2 | 175.2 |
| 85° | 108.7 | 111.7 | 114.8 | 132.9 | 135.9 | 163.1 | 151.0 | 141.9 | 123.8 | 105.7 | 96.6 |
| 87.5° | 27.2 | 30.2 | 39.3 | 33.2 | 39.3 | 39.3 | 42.3 | 48.3 | 48.3 | 39.3 | 39.3 |
| 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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CATALOG NUMBER: GLAN-SA5C-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 |
| 2.5° | 8235.5 | 8259.6 | 8567.7 | 8606.9 | 8757.9 | 8911.9 | 9223.0 | 9446.5 | 9627.7 | 9745.4 | 9778.7 |
| 5° | 6970.1 | 7124.1 | 7266.0 | 7495.6 | 7703.9 | 7999.9 | 8341.2 | 8763.9 | 9295.5 | 9567.3 | 9676.0 |
| 7.5° | 5457.1 | 5638.3 | 5843.6 | 6067.1 | 6372.1 | 6903.6 | 7359.7 | 7848.9 | 8528.4 | 8809.2 | 9235.1 |
| 10° | 4454.5 | 4656.8 | 4928.6 | 5100.7 | 5469.2 | 5976.5 | 6508.0 | 7072.8 | 7722.1 | 8126.7 | 8619.0 |
| 12.5° | 3938.0 | 4104.1 | 4354.8 | 4717.2 | 4992.0 | 5321.2 | 5716.8 | 6429.5 | 7359.7 | 7743.2 | 8081.4 |
| 15° | 3367.3 | 3551.5 | 3841.4 | 4243.1 | 4572.2 | 4964.8 | 5408.8 | 6184.9 | 7175.4 | 7767.4 | 8054.3 |
| 17.5° | 2896.2 | 3029.0 | 3334.0 | 3681.3 | 4058.8 | 4487.7 | 5124.9 | 6172.8 | 7368.7 | 8126.7 | 8594.8 |
| 20° | 2570.0 | 2588.1 | 2754.2 | 3050.2 | 3563.6 | 4122.3 | 4949.7 | 6112.4 | 7987.8 | 8745.8 | 9337.7 |
| 22.5° | 2364.6 | 2346.5 | 2349.5 | 2600.2 | 2959.6 | 3762.9 | 4674.9 | 6317.8 | 8691.5 | 9730.3 | 10129.0 |
| 25° | 2262.0 | 2213.6 | 2183.4 | 2237.8 | 2564.0 | 3337.1 | 4466.5 | 6589.6 | 9449.5 | 10542.7 | 11031.9 |
| 27.5° | 2207.6 | 2123.0 | 2062.6 | 2071.7 | 2310.3 | 3122.6 | 4336.7 | 6707.4 | 10201.5 | 11675.2 | 11847.3 |
| 30° | 2186.5 | 2080.8 | 1993.2 | 1963.0 | 2120.0 | 2823.7 | 4058.8 | 6909.7 | 10874.9 | 12297.3 | 12445.3 |
| 32.5° | 2111.0 | 1981.1 | 1896.5 | 1869.4 | 1932.8 | 2560.9 | 3859.5 | 7054.6 | 11469.8 | 12973.8 | 12922.4 |
| 35° | 2023.4 | 1914.7 | 1809.0 | 1757.6 | 1802.9 | 2391.8 | 3699.5 | 6985.2 | 12170.5 | 13499.3 | 13472.1 |
| 37.5° | 2014.3 | 1872.4 | 1784.8 | 1700.2 | 1697.2 | 2183.4 | 3482.0 | 7051.6 | 12617.4 | 14441.5 | 14070.0 |
| 40° | 1935.8 | 1845.2 | 1730.4 | 1661.0 | 1621.7 | 2077.7 | 3270.6 | 6894.6 | 13272.8 | 14822.0 | 14456.6 |
| 42.5° | 1938.8 | 1802.9 | 1703.3 | 1621.7 | 1582.5 | 1923.7 | 3125.7 | 6852.3 | 13502.3 | 15441.1 | 14637.8 |
| 45° | 1890.5 | 1757.6 | 1673.1 | 1576.4 | 1555.3 | 1805.9 | 2986.7 | 6656.0 | 13907.0 | 15471.3 | 14411.3 |
| 47.5° | 1842.2 | 1724.4 | 1633.8 | 1519.0 | 1470.7 | 1763.7 | 2878.0 | 6492.9 | 13695.6 | 15187.4 | 14097.2 |
| 50° | 1809.0 | 1673.1 | 1588.5 | 1507.0 | 1371.1 | 1691.2 | 2736.1 | 6453.7 | 13399.6 | 14803.9 | 13514.4 |
| 52.5° | 1751.6 | 1630.8 | 1543.2 | 1479.8 | 1262.3 | 1624.7 | 2681.7 | 6683.2 | 13762.0 | 14517.0 | 13345.2 |
| 55° | 1697.2 | 1573.4 | 1461.7 | 1337.8 | 1171.7 | 1449.6 | 2530.7 | 6897.6 | 14290.5 | 15178.4 | 14112.3 |
| 57.5° | 1639.8 | 1522.1 | 1401.3 | 1253.3 | 1084.2 | 1268.4 | 2373.7 | 6936.9 | 13299.9 | 14027.8 | 13396.6 |
| 60° | 1564.3 | 1413.3 | 1322.7 | 1129.5 | 990.5 | 1050.9 | 1881.4 | 6115.4 | 10316.2 | 11714.5 | 11735.6 |
| 62.5° | 1479.8 | 1316.7 | 1238.2 | 1011.7 | 893.9 | 906.0 | 1534.1 | 5140.0 | 8368.3 | 9697.1 | 10273.9 |
| 65° | 1368.0 | 1211.0 | 1117.4 | 936.2 | 824.5 | 785.2 | 1123.4 | 3765.9 | 6357.0 | 7867.0 | 8522.4 |
| 67.5° | 1223.1 | 1075.1 | 957.3 | 815.4 | 736.9 | 673.5 | 767.1 | 2120.0 | 3753.8 | 5281.9 | 5481.2 |
| 70° | 1069.1 | 942.2 | 818.4 | 700.6 | 613.1 | 567.8 | 561.7 | 939.2 | 1793.9 | 2841.8 | 3234.4 |
| 72.5° | 842.6 | 752.0 | 652.3 | 564.7 | 507.4 | 440.9 | 401.7 | 389.6 | 607.0 | 1156.6 | 1597.6 |
| 75° | 604.0 | 528.5 | 471.1 | 413.7 | 371.5 | 335.2 | 305.0 | 277.8 | 253.7 | 289.9 | 398.6 |
| 77.5° | 380.5 | 353.3 | 308.0 | 292.9 | 268.8 | 259.7 | 247.6 | 232.5 | 214.4 | 202.3 | 202.3 |
| 80° | 256.7 | 238.6 | 223.5 | 220.5 | 211.4 | 208.4 | 211.4 | 196.3 | 178.2 | 163.1 | 169.1 |
| 82.5° | 172.1 | 169.1 | 166.1 | 163.1 | 166.1 | 169.1 | 175.2 | 172.1 | 157.0 | 148.0 | 151.0 |
| 85° | 102.7 | 108.7 | 114.8 | 120.8 | 132.9 | 117.8 | 96.6 | 81.5 | 72.5 | 66.4 | 63.4 |
| 87.5° | 39.3 | 54.4 | 48.3 | 45.3 | 48.3 | 45.3 | 42.3 | 39.3 | 33.2 | 30.2 | 30.2 |
| 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-SA5C-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 | 9247.1 |
| 2.5° | 9999.1 | 10059.5 | 10110.9 | 10098.8 | 9993.1 | 9851.1 | 9793.8 | 9500.8 | 9440.4 | 9401.2 |
| 5° | 10135.0 | 10485.3 | 10560.8 | 10515.5 | 10240.7 | 9893.4 | 9555.2 | 9126.3 | 8875.7 | 8866.6 |
| 7.5° | 9884.4 | 10316.2 | 10452.1 | 10554.8 | 10189.4 | 9585.4 | 9005.5 | 8362.3 | 8205.3 | 8217.3 |
| 10° | 9247.1 | 9935.7 | 10270.9 | 10376.6 | 9956.8 | 9434.4 | 8631.1 | 7978.8 | 7643.5 | 7637.5 |
| 12.5° | 8893.8 | 9434.4 | 9528.0 | 9676.0 | 9552.2 | 9023.7 | 8413.6 | 7682.8 | 7356.6 | 7350.6 |
| 15° | 8579.7 | 8936.1 | 8963.3 | 9171.6 | 9238.1 | 8881.7 | 8471.0 | 7691.9 | 7429.1 | 7401.9 |
| 17.5° | 8854.5 | 8606.9 | 8504.2 | 8531.4 | 8727.7 | 8857.6 | 8803.2 | 8205.3 | 7936.5 | 7785.5 |
| 20° | 9038.8 | 8486.1 | 8175.1 | 8205.3 | 8437.8 | 8911.9 | 9298.5 | 8948.2 | 8522.4 | 8540.5 |
| 22.5° | 9531.0 | 8504.2 | 8018.0 | 7984.8 | 8353.2 | 9195.8 | 9857.2 | 9887.4 | 9476.7 | 9377.0 |
| 25° | 10267.9 | 8712.6 | 7969.7 | 7960.6 | 8314.0 | 9500.8 | 10509.5 | 10998.7 | 10579.0 | 10394.7 |
| 27.5° | 10859.8 | 9038.8 | 8120.7 | 8150.9 | 8437.8 | 9748.5 | 11065.2 | 11714.5 | 11394.3 | 11167.8 |
| 30° | 11379.2 | 9377.0 | 8332.1 | 8193.2 | 8770.0 | 9878.3 | 11303.7 | 12529.9 | 12273.2 | 12085.9 |
| 32.5° | 11593.7 | 9857.2 | 8667.3 | 8437.8 | 9044.8 | 10035.4 | 11799.0 | 13321.1 | 13100.6 | 12638.6 |
| 35° | 11956.1 | 10126.0 | 8848.5 | 8830.4 | 9525.0 | 10412.9 | 12031.6 | 13843.5 | 13752.9 | 13342.2 |
| 37.5° | 12246.0 | 10397.8 | 9491.8 | 9292.4 | 10183.3 | 11047.0 | 12406.0 | 14565.3 | 14356.9 | 14163.7 |
| 40° | 12469.5 | 10884.0 | 10092.7 | 10355.5 | 10992.7 | 11623.9 | 12750.3 | 14610.6 | 15211.6 | 14649.9 |
| 42.5° | 12264.1 | 11318.8 | 11080.3 | 11708.4 | 12312.4 | 12282.2 | 12789.6 | 14960.9 | 15410.9 | 15118.0 |
| 45° | 12212.8 | 12055.7 | 12641.6 | 13212.4 | 13351.3 | 12828.8 | 12508.7 | 14574.4 | 15350.5 | 15220.6 |
| 47.5° | 12088.9 | 12780.5 | 13801.3 | 14731.4 | 14520.0 | 13194.2 | 12173.5 | 14504.9 | 15386.7 | 15154.2 |
| 50° | 12046.7 | 12937.5 | 14658.9 | 15564.9 | 15438.1 | 13511.3 | 12016.5 | 14058.0 | 15130.0 | 15108.9 |
| 52.5° | 12043.6 | 13260.7 | 15015.3 | 16017.9 | 16096.4 | 14012.7 | 12230.9 | 14284.5 | 15329.4 | 15507.5 |
| 55° | 12179.5 | 13158.0 | 14970.0 | 15767.3 | 15737.1 | 13789.2 | 12255.0 | 14435.5 | 15574.0 | 15749.1 |
| 57.5° | 11488.0 | 11786.9 | 12354.7 | 12985.9 | 12822.8 | 11421.5 | 10944.4 | 13345.2 | 14293.5 | 14166.7 |
| 60° | 9920.6 | 8984.4 | 8344.2 | 8314.0 | 7996.9 | 7559.0 | 8957.2 | 11910.8 | 11910.8 | 11786.9 |
| 62.5° | 8688.5 | 5898.0 | 5067.5 | 4832.0 | 5058.4 | 5562.8 | 8640.1 | 11584.6 | 11255.4 | 11113.5 |
| 65° | 7598.2 | 4502.8 | 3663.2 | 3596.8 | 3989.4 | 4750.4 | 7812.7 | 9869.3 | 9289.4 | 8818.3 |
| 67.5° | 4889.3 | 3297.8 | 2724.0 | 2606.2 | 3080.4 | 3488.1 | 5200.4 | 6070.1 | 5704.7 | 5520.5 |
| 70° | 3152.8 | 2147.2 | 1516.0 | 1422.4 | 1606.6 | 2150.2 | 3322.0 | 3539.4 | 3007.9 | 2884.1 |
| 72.5° | 1491.9 | 927.1 | 531.5 | 437.9 | 492.3 | 821.4 | 1313.7 | 1413.3 | 1174.8 | 1075.1 |
| 75° | 474.1 | 341.3 | 217.4 | 187.2 | 178.2 | 211.4 | 302.0 | 232.5 | 169.1 | 166.1 |
| 77.5° | 211.4 | 202.3 | 172.1 | 145.0 | 126.8 | 105.7 | 87.6 | 72.5 | 75.5 | 78.5 |
| 80° | 175.2 | 160.1 | 141.9 | 126.8 | 105.7 | 81.5 | 63.4 | 48.3 | 48.3 | 51.3 |
| 82.5° | 154.0 | 138.9 | 123.8 | 105.7 | 90.6 | 66.4 | 48.3 | 33.2 | 30.2 | 30.2 |
| 85° | 66.4 | 78.5 | 84.6 | 90.6 | 72.5 | 54.4 | 33.2 | 21.1 | 18.1 | 18.1 |
| 87.5° | 27.2 | 24.2 | 21.1 | 18.1 | 15.1 | 15.1 | 12.1 | 9.1 | 6.0 | 6.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)