

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: P529746

Luminaire Tested: **GLAN-SA4D-830-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P529746
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-SA4D-830-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 3000K, 1200mA 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: 18111 lumens
Efficiency: N/A
Efficacy: 73.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

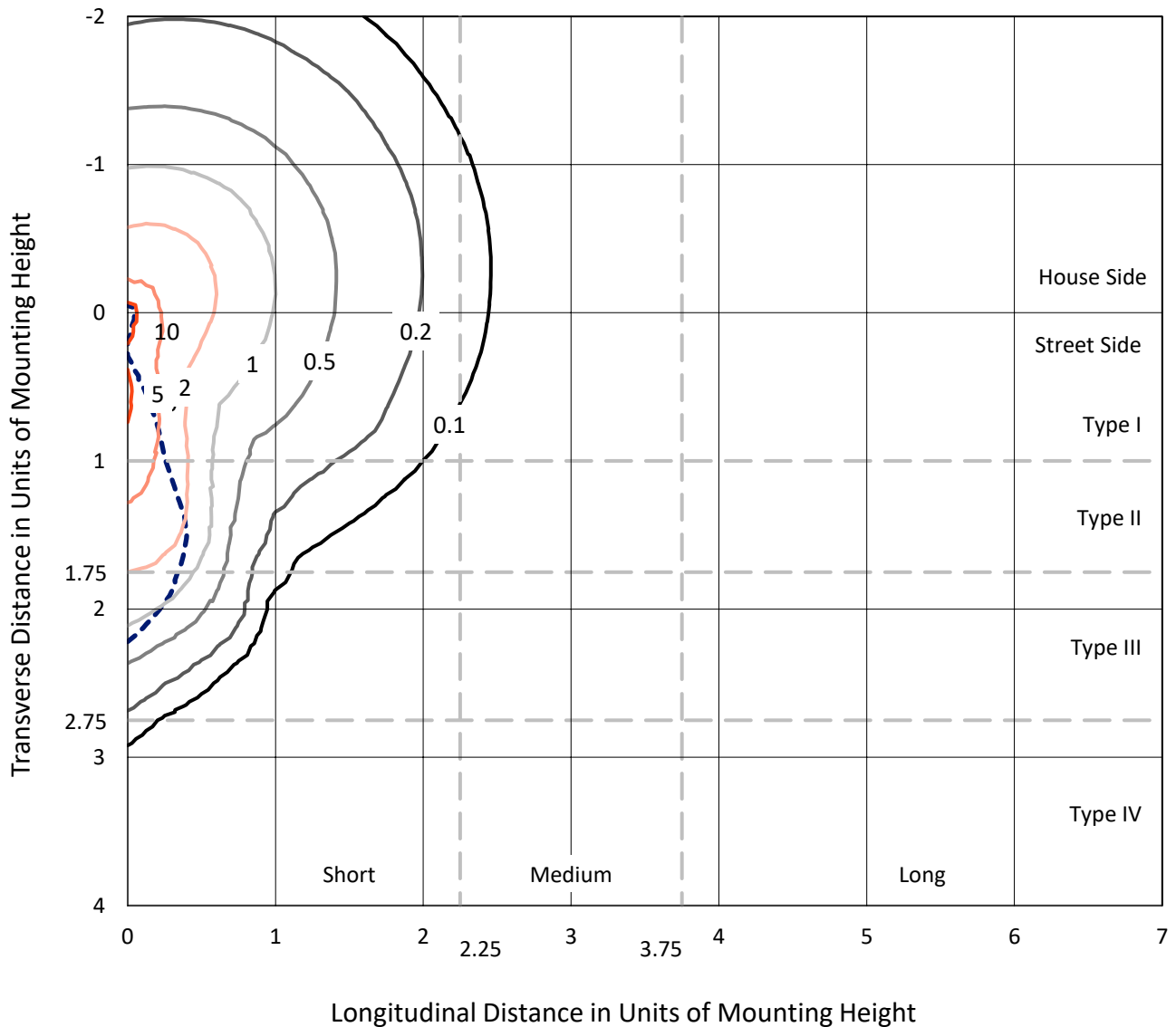
Input Watts (W): 245
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

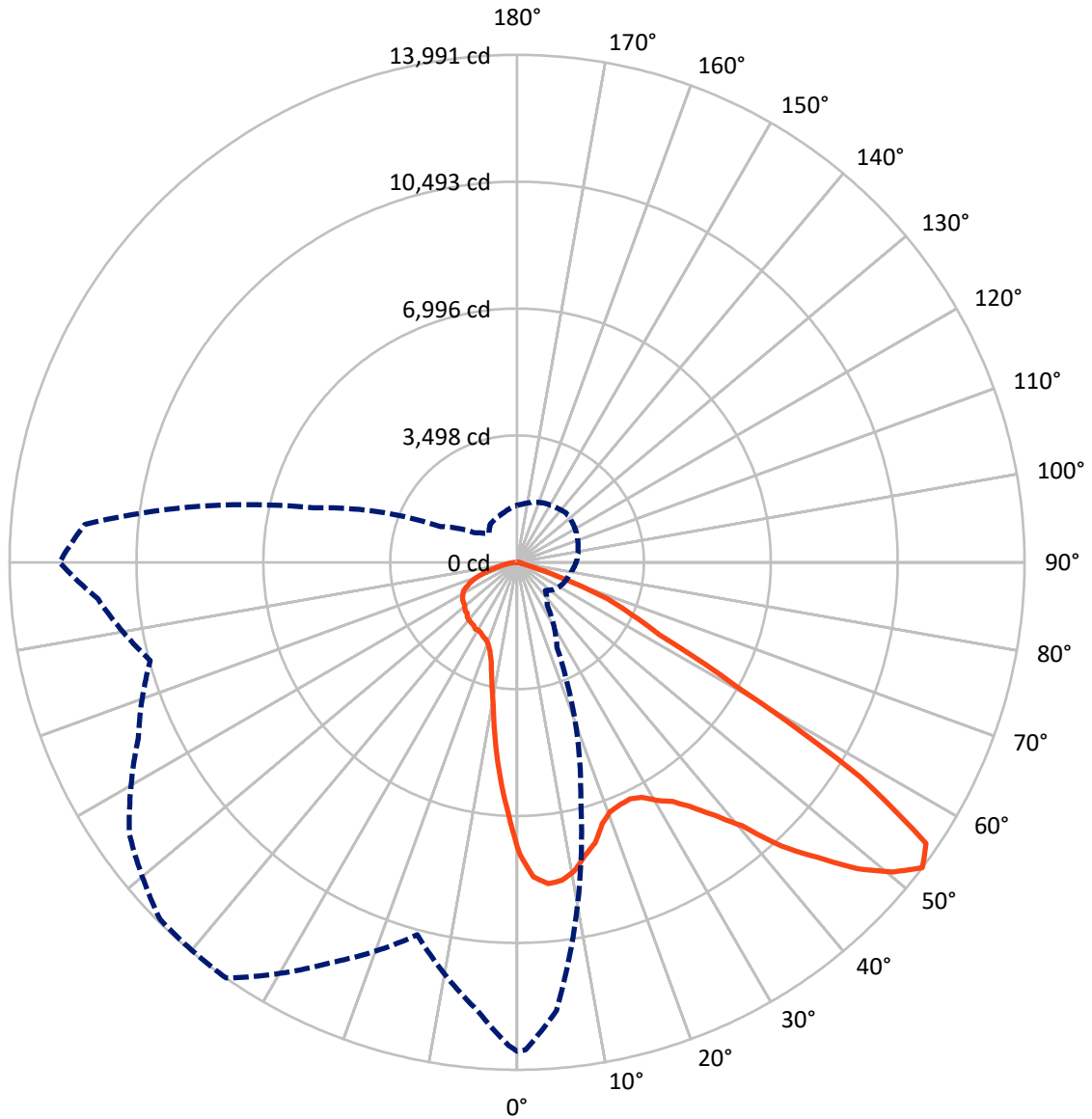
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.9 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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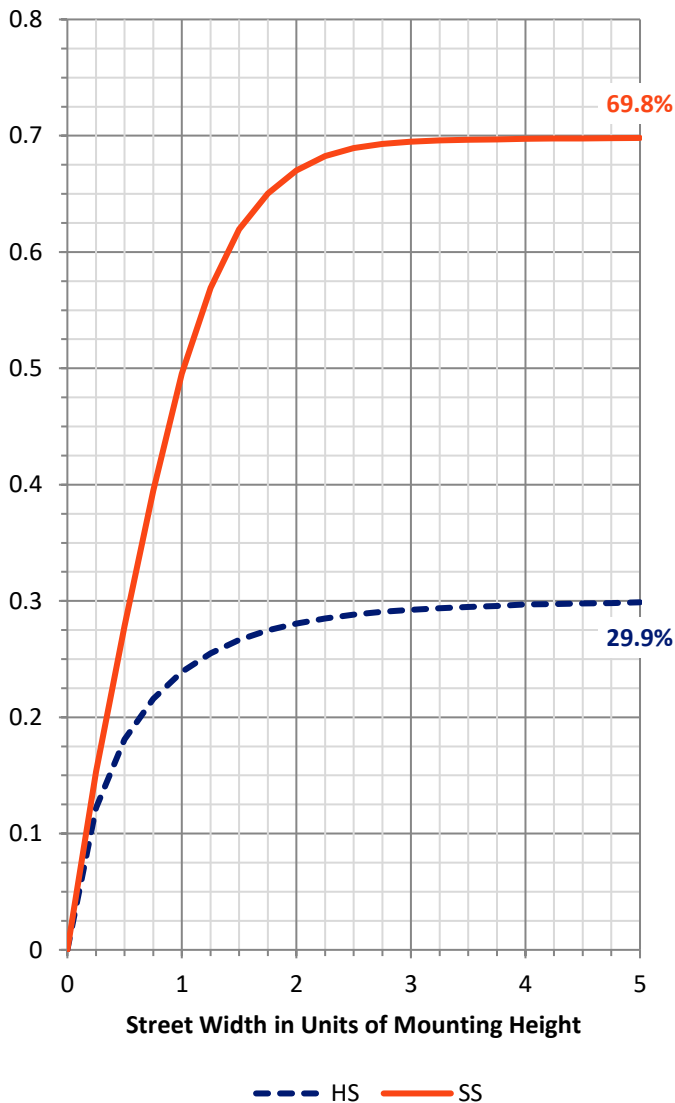
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5459.7 | 0.0 | 5459.7 |
| | % Fixture | 30.1 | 0.0 | 30.1 |
| Street Side | Lumens | 12651.3 | 0.0 | 12651.3 |
| | % Fixture | 69.9 | 0.0 | 69.9 |
| Total | Lumens | 18111.0 | 0.0 | 18111.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 613.2 | 3.4 |
| 10°-20° | 1329.4 | 7.3 |
| 20°-30° | 2008.5 | 11.1 |
| 30°-40° | 2902.4 | 16.0 |
| 40°-50° | 3862.6 | 21.3 |
| 50°-60° | 4320.4 | 23.9 |
| 60°-70° | 2435.0 | 13.4 |
| 70°-80° | 542.8 | 3.0 |
| 80°-90° | 96.7 | 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° | 18111.0 | 100.0 |
| 0°-180° | 18111.0 | 100.0 |

Coefficient of Utilization



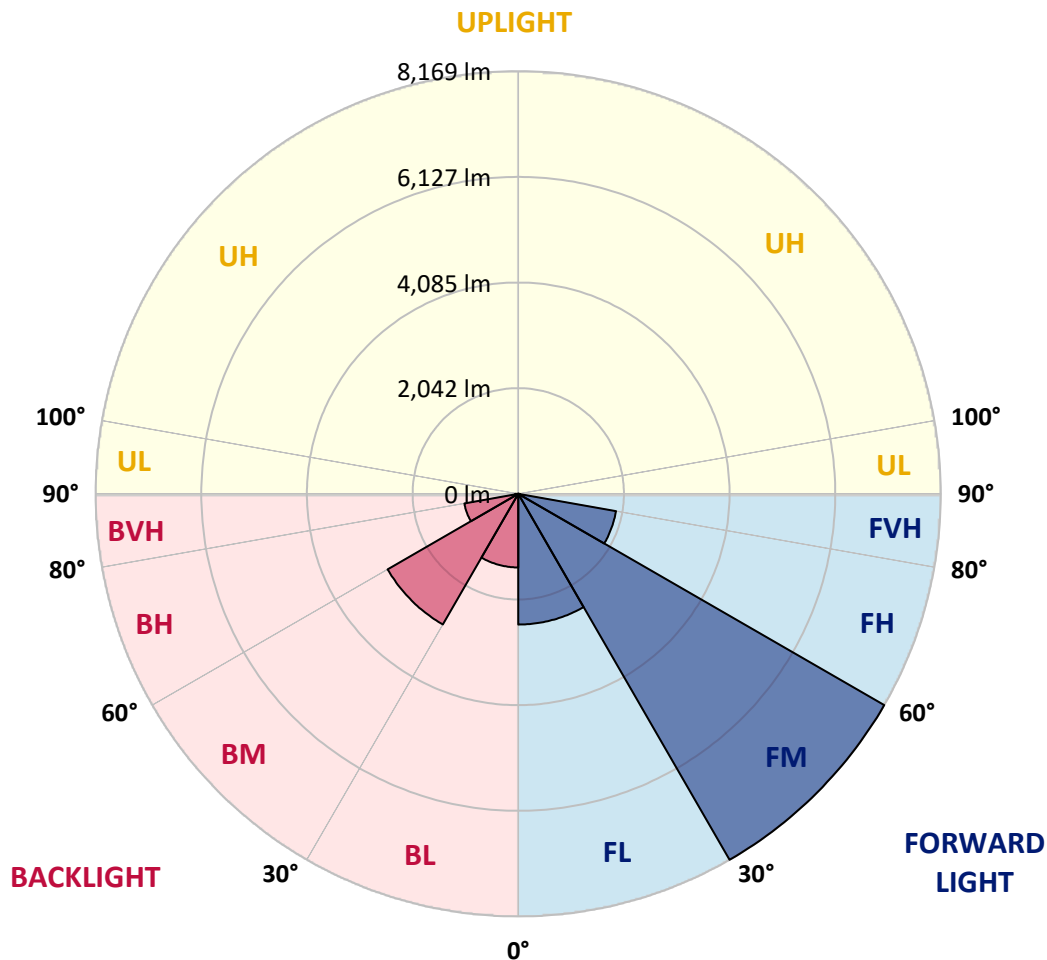
REPORT NUMBER: P529746
 CATALOG NUMBER: GLAN-SA4D-830-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2527.3 | 14.0 | | | |
| FM (30°-60°) | 8169.5 | 45.1 | | | |
| FH (60°-80°) | 1919.5 | 10.6 | | | G2/5000 |
| FVH (80°-90°) | 35.0 | 0.2 | | | G1/100 |
| BL (0°-30°) | 1423.8 | 7.9 | B3/2500 | | |
| BM (30°-60°) | 2916.0 | 16.1 | B3/5000 | | |
| BH (60°-80°) | 1058.3 | 5.8 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 61.7 | 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-G3

Type III Short





REPORT NUMBER: P529746

CATALOG NUMBER: GLAN-SA4D-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 |
| 2.5° | 8171.6 | 8302.9 | 8161.1 | 7909.1 | 7730.6 | 7567.9 | 7397.3 | 7363.1 | 7140.0 | 7100.6 | 6937.9 |
| 5° | 7707.0 | 7678.1 | 7504.9 | 7174.1 | 6809.3 | 6478.5 | 6234.4 | 5998.1 | 5838.0 | 5651.6 | 5638.5 |
| 7.5° | 7142.6 | 6974.6 | 6874.9 | 6373.5 | 5922.0 | 5402.3 | 5179.1 | 4819.5 | 4706.6 | 4538.6 | 4452.0 |
| 10° | 6638.6 | 6515.3 | 6281.6 | 5780.3 | 5150.3 | 4806.4 | 4567.5 | 4373.3 | 4242.0 | 4068.8 | 3850.9 |
| 12.5° | 6389.3 | 6339.4 | 6076.9 | 5299.9 | 4832.6 | 4465.1 | 4297.1 | 4108.1 | 3885.0 | 3606.8 | 3499.1 |
| 15° | 6433.9 | 6265.9 | 6066.4 | 5208.0 | 4562.3 | 4207.9 | 3940.1 | 3703.9 | 3417.8 | 3152.6 | 2997.8 |
| 17.5° | 6767.3 | 6638.6 | 6239.6 | 5265.8 | 4459.9 | 3948.0 | 3462.4 | 3113.3 | 2856.0 | 2617.1 | 2509.5 |
| 20° | 7423.5 | 7237.1 | 6788.3 | 5339.3 | 4239.4 | 3585.8 | 3029.3 | 2598.8 | 2323.1 | 2197.1 | 2160.4 |
| 22.5° | 8150.6 | 8040.4 | 7323.8 | 5504.6 | 4063.5 | 3249.8 | 2569.9 | 2139.4 | 2037.0 | 2002.9 | 2071.1 |
| 25° | 9035.3 | 8749.2 | 8155.9 | 5775.0 | 3927.0 | 2963.6 | 2181.4 | 1942.5 | 1890.0 | 1924.1 | 2002.9 |
| 27.5° | 9707.3 | 9631.2 | 8738.7 | 6029.6 | 3740.6 | 2619.8 | 1963.5 | 1806.0 | 1821.8 | 1855.9 | 1929.4 |
| 30° | 10505.3 | 10119.4 | 9303.0 | 6205.5 | 3572.6 | 2383.5 | 1811.3 | 1769.3 | 1785.0 | 1842.8 | 1879.5 |
| 32.5° | 10985.7 | 10841.3 | 9657.4 | 6470.6 | 3378.4 | 2178.8 | 1693.1 | 1653.8 | 1677.4 | 1764.0 | 1850.6 |
| 35° | 11597.3 | 11311.2 | 10095.8 | 6538.9 | 3241.9 | 2097.4 | 1609.1 | 1580.3 | 1635.4 | 1695.8 | 1792.9 |
| 37.5° | 12311.3 | 12114.4 | 10702.2 | 6491.6 | 3168.4 | 2013.4 | 1538.3 | 1525.1 | 1564.5 | 1648.5 | 1761.4 |
| 40° | 12733.9 | 12673.5 | 11019.8 | 6520.5 | 3052.9 | 1939.9 | 1456.9 | 1472.6 | 1554.0 | 1619.6 | 1729.9 |
| 42.5° | 13140.8 | 12747.0 | 11489.7 | 6510.0 | 2979.4 | 1840.1 | 1464.8 | 1446.4 | 1509.4 | 1585.5 | 1690.5 |
| 45° | 13230.0 | 12838.9 | 11599.9 | 6436.5 | 2890.1 | 1743.0 | 1404.4 | 1412.3 | 1488.4 | 1582.9 | 1651.1 |
| 47.5° | 13172.3 | 12883.5 | 11804.7 | 6415.5 | 2806.1 | 1674.8 | 1315.1 | 1409.6 | 1454.3 | 1530.4 | 1627.5 |
| 50° | 13132.9 | 13117.2 | 11977.9 | 6515.3 | 2693.3 | 1567.1 | 1207.5 | 1375.5 | 1420.1 | 1496.3 | 1601.3 |
| 52.5° | 13479.4 | 13445.3 | 12411.0 | 6777.8 | 2604.0 | 1451.6 | 1097.3 | 1288.9 | 1396.5 | 1470.0 | 1572.4 |
| 55° | 13689.4 | 13539.8 | 13153.9 | 7100.6 | 2454.4 | 1299.4 | 1021.1 | 1181.3 | 1338.8 | 1404.4 | 1509.4 |
| 57.5° | 12313.9 | 12211.5 | 11899.2 | 6628.1 | 2202.4 | 1099.9 | 926.6 | 1071.0 | 1260.0 | 1362.4 | 1470.0 |
| 60° | 10245.4 | 10085.3 | 9284.7 | 5633.3 | 1624.9 | 855.8 | 868.9 | 984.4 | 1239.0 | 1278.4 | 1404.4 |
| 62.5° | 9660.0 | 9263.7 | 8174.3 | 4533.4 | 1246.9 | 735.0 | 779.6 | 905.6 | 1128.8 | 1194.4 | 1320.4 |
| 65° | 7665.0 | 7371.0 | 5848.5 | 3273.4 | 834.8 | 637.9 | 711.4 | 816.4 | 973.9 | 1102.5 | 1218.0 |
| 67.5° | 4798.5 | 4517.6 | 3121.1 | 1548.8 | 582.8 | 546.0 | 635.3 | 745.5 | 874.1 | 989.6 | 1118.3 |
| 70° | 2506.9 | 2199.8 | 1441.1 | 559.1 | 401.6 | 446.3 | 530.3 | 635.3 | 761.3 | 855.8 | 955.5 |
| 72.5° | 934.5 | 758.6 | 469.9 | 241.5 | 278.3 | 341.3 | 430.5 | 506.6 | 595.9 | 711.4 | 766.5 |
| 75° | 144.4 | 123.4 | 120.8 | 147.0 | 189.0 | 246.8 | 307.1 | 383.3 | 462.0 | 535.5 | 572.3 |
| 77.5° | 68.3 | 65.6 | 73.5 | 97.1 | 126.0 | 175.9 | 223.1 | 296.6 | 359.6 | 406.9 | 427.9 |
| 80° | 44.6 | 42.0 | 47.3 | 65.6 | 94.5 | 131.3 | 178.5 | 228.4 | 286.1 | 325.5 | 320.3 |
| 82.5° | 26.3 | 28.9 | 28.9 | 44.6 | 65.6 | 94.5 | 128.6 | 173.3 | 212.6 | 246.8 | 225.8 |
| 85° | 15.8 | 13.1 | 13.1 | 26.3 | 44.6 | 76.1 | 107.6 | 73.5 | 76.1 | 76.1 | 86.6 |
| 87.5° | 5.3 | 5.3 | 5.3 | 2.6 | 5.3 | 5.3 | 7.9 | 13.1 | 15.8 | 18.4 | 23.6 |
| 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-SA4D-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 |
| 2.5° | 6932.6 | 7014.0 | 6985.1 | 6882.8 | 6961.5 | 6974.6 | 6922.1 | 7103.3 | 7137.4 | 7082.3 | 7098.0 |
| 5° | 5620.1 | 5641.1 | 5688.4 | 5788.1 | 5859.0 | 5943.0 | 5943.0 | 5948.3 | 5877.4 | 6055.9 | 6003.4 |
| 7.5° | 4378.5 | 4391.6 | 4446.8 | 4659.4 | 4719.8 | 4879.9 | 4948.1 | 4900.9 | 4759.1 | 4698.8 | 4748.6 |
| 10° | 3780.0 | 3703.9 | 3685.5 | 3711.8 | 3848.3 | 3916.5 | 3974.3 | 3958.5 | 3934.9 | 3887.6 | 3835.1 |
| 12.5° | 3381.0 | 3325.9 | 3281.3 | 3218.3 | 3226.1 | 3291.8 | 3336.4 | 3299.6 | 3310.1 | 3320.6 | 3336.4 |
| 15° | 2947.9 | 2908.5 | 2884.9 | 2790.4 | 2779.9 | 2824.5 | 2840.3 | 2861.3 | 2900.6 | 2903.3 | 2884.9 |
| 17.5° | 2488.5 | 2454.4 | 2506.9 | 2559.4 | 2522.6 | 2525.3 | 2554.1 | 2572.5 | 2562.0 | 2514.8 | 2491.1 |
| 20° | 2173.5 | 2210.3 | 2262.8 | 2312.6 | 2352.0 | 2375.6 | 2386.1 | 2357.3 | 2323.1 | 2226.0 | 2223.4 |
| 22.5° | 2081.6 | 2128.9 | 2173.5 | 2249.6 | 2286.4 | 2346.8 | 2291.6 | 2226.0 | 2178.8 | 2131.5 | 2076.4 |
| 25° | 2013.4 | 2052.8 | 2142.0 | 2170.9 | 2241.8 | 2291.6 | 2252.3 | 2186.6 | 2105.3 | 2037.0 | 1995.0 |
| 27.5° | 1963.5 | 2008.1 | 2065.9 | 2144.6 | 2199.8 | 2228.6 | 2189.3 | 2163.0 | 2079.0 | 1997.6 | 1937.3 |
| 30° | 1932.0 | 1979.3 | 2084.3 | 2149.9 | 2197.1 | 2220.8 | 2152.5 | 2121.0 | 2060.6 | 1992.4 | 1939.9 |
| 32.5° | 1911.0 | 1953.0 | 2042.3 | 2126.3 | 2157.8 | 2157.8 | 2168.3 | 2131.5 | 2047.5 | 1932.0 | 1887.4 |
| 35° | 1842.8 | 1900.5 | 1974.0 | 2071.1 | 2128.9 | 2163.0 | 2110.5 | 2068.5 | 2013.4 | 1895.3 | 1813.9 |
| 37.5° | 1803.4 | 1842.8 | 1937.3 | 2029.1 | 2079.0 | 2115.8 | 2094.8 | 2021.3 | 1947.8 | 1850.6 | 1785.0 |
| 40° | 1761.4 | 1824.4 | 1908.4 | 1995.0 | 2050.1 | 2086.9 | 2071.1 | 1984.5 | 1895.3 | 1803.4 | 1758.8 |
| 42.5° | 1732.5 | 1774.5 | 1861.1 | 1958.3 | 2023.9 | 2094.8 | 2047.5 | 1939.9 | 1876.9 | 1750.9 | 1701.0 |
| 45° | 1708.9 | 1777.1 | 1869.0 | 1908.4 | 1976.6 | 2050.1 | 1966.1 | 1900.5 | 1827.0 | 1735.1 | 1693.1 |
| 47.5° | 1680.0 | 1743.0 | 1803.4 | 1908.4 | 1939.9 | 1974.0 | 1958.3 | 1853.3 | 1790.3 | 1690.5 | 1661.6 |
| 50° | 1669.5 | 1693.1 | 1803.4 | 1861.1 | 1905.8 | 1939.9 | 1897.9 | 1819.1 | 1758.8 | 1656.4 | 1593.4 |
| 52.5° | 1627.5 | 1672.1 | 1743.0 | 1819.1 | 1874.3 | 1916.3 | 1848.0 | 1798.1 | 1716.8 | 1609.1 | 1569.8 |
| 55° | 1575.0 | 1601.3 | 1727.3 | 1806.0 | 1834.9 | 1863.8 | 1837.5 | 1756.1 | 1672.1 | 1561.9 | 1522.5 |
| 57.5° | 1506.8 | 1567.1 | 1669.5 | 1779.8 | 1816.5 | 1832.3 | 1790.3 | 1724.6 | 1619.6 | 1522.5 | 1459.5 |
| 60° | 1435.9 | 1498.9 | 1611.8 | 1701.0 | 1737.8 | 1795.5 | 1732.5 | 1693.1 | 1572.4 | 1464.8 | 1396.5 |
| 62.5° | 1365.0 | 1435.9 | 1519.9 | 1632.8 | 1664.3 | 1687.9 | 1672.1 | 1617.0 | 1519.9 | 1399.1 | 1315.1 |
| 65° | 1281.0 | 1333.5 | 1438.5 | 1496.3 | 1517.3 | 1572.4 | 1517.3 | 1496.3 | 1409.6 | 1294.1 | 1223.3 |
| 67.5° | 1155.0 | 1199.6 | 1291.5 | 1346.6 | 1362.4 | 1386.0 | 1383.4 | 1359.8 | 1262.6 | 1183.9 | 1120.9 |
| 70° | 1010.6 | 1050.0 | 1107.8 | 1173.4 | 1181.3 | 1210.1 | 1183.9 | 1178.6 | 1115.6 | 1008.0 | 973.9 |
| 72.5° | 811.1 | 847.9 | 924.0 | 952.9 | 955.5 | 966.0 | 952.9 | 934.5 | 918.8 | 805.9 | 771.8 |
| 75° | 622.1 | 643.1 | 679.9 | 706.1 | 706.1 | 719.3 | 711.4 | 693.0 | 651.0 | 580.1 | 546.0 |
| 77.5° | 433.1 | 454.1 | 501.4 | 517.1 | 514.5 | 519.8 | 496.1 | 477.8 | 414.8 | 378.0 | 349.1 |
| 80° | 315.0 | 328.1 | 351.8 | 362.3 | 364.9 | 372.8 | 343.9 | 328.1 | 291.4 | 249.4 | 236.3 |
| 82.5° | 228.4 | 236.3 | 238.9 | 252.0 | 252.0 | 238.9 | 231.0 | 215.3 | 189.0 | 162.8 | 152.3 |
| 85° | 94.5 | 97.1 | 99.8 | 115.5 | 118.1 | 141.8 | 131.3 | 123.4 | 107.6 | 91.9 | 84.0 |
| 87.5° | 23.6 | 26.3 | 34.1 | 28.9 | 34.1 | 34.1 | 36.8 | 42.0 | 42.0 | 34.1 | 34.1 |
| 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-SA4D-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 |
| 2.5° | 7158.4 | 7179.4 | 7447.1 | 7481.3 | 7612.5 | 7746.4 | 8016.8 | 8211.0 | 8368.5 | 8470.9 | 8499.8 |
| 5° | 6058.5 | 6192.4 | 6315.8 | 6515.3 | 6696.4 | 6953.6 | 7250.3 | 7617.8 | 8079.8 | 8316.0 | 8410.5 |
| 7.5° | 4743.4 | 4900.9 | 5079.4 | 5273.6 | 5538.8 | 6000.8 | 6397.1 | 6822.4 | 7413.0 | 7657.1 | 8027.3 |
| 10° | 3871.9 | 4047.8 | 4284.0 | 4433.6 | 4753.9 | 5194.9 | 5656.9 | 6147.8 | 6712.1 | 7063.9 | 7491.8 |
| 12.5° | 3423.0 | 3567.4 | 3785.3 | 4100.3 | 4339.1 | 4625.3 | 4969.1 | 5588.6 | 6397.1 | 6730.5 | 7024.5 |
| 15° | 2926.9 | 3087.0 | 3339.0 | 3688.1 | 3974.3 | 4315.5 | 4701.4 | 5376.0 | 6237.0 | 6751.5 | 7000.9 |
| 17.5° | 2517.4 | 2632.9 | 2898.0 | 3199.9 | 3528.0 | 3900.8 | 4454.6 | 5365.5 | 6405.0 | 7063.9 | 7470.8 |
| 20° | 2233.9 | 2249.6 | 2394.0 | 2651.3 | 3097.5 | 3583.1 | 4302.4 | 5313.0 | 6943.1 | 7602.0 | 8116.5 |
| 22.5° | 2055.4 | 2039.6 | 2042.3 | 2260.1 | 2572.5 | 3270.8 | 4063.5 | 5491.5 | 7554.8 | 8457.8 | 8804.3 |
| 25° | 1966.1 | 1924.1 | 1897.9 | 1945.1 | 2228.6 | 2900.6 | 3882.4 | 5727.8 | 8213.6 | 9163.9 | 9589.2 |
| 27.5° | 1918.9 | 1845.4 | 1792.9 | 1800.8 | 2008.1 | 2714.3 | 3769.5 | 5830.1 | 8867.3 | 10148.3 | 10297.9 |
| 30° | 1900.5 | 1808.6 | 1732.5 | 1706.3 | 1842.8 | 2454.4 | 3528.0 | 6006.0 | 9452.7 | 10689.0 | 10817.7 |
| 32.5° | 1834.9 | 1722.0 | 1648.5 | 1624.9 | 1680.0 | 2226.0 | 3354.8 | 6132.0 | 9969.8 | 11277.0 | 11232.4 |
| 35° | 1758.8 | 1664.3 | 1572.4 | 1527.8 | 1567.1 | 2079.0 | 3215.6 | 6071.6 | 10578.8 | 11733.8 | 11710.2 |
| 37.5° | 1750.9 | 1627.5 | 1551.4 | 1477.9 | 1475.3 | 1897.9 | 3026.6 | 6129.4 | 10967.3 | 12552.8 | 12229.9 |
| 40° | 1682.6 | 1603.9 | 1504.1 | 1443.8 | 1409.6 | 1806.0 | 2842.9 | 5992.9 | 11536.9 | 12883.5 | 12565.9 |
| 42.5° | 1685.3 | 1567.1 | 1480.5 | 1409.6 | 1375.5 | 1672.1 | 2716.9 | 5956.1 | 11736.4 | 13421.7 | 12723.4 |
| 45° | 1643.3 | 1527.8 | 1454.3 | 1370.3 | 1351.9 | 1569.8 | 2596.1 | 5785.5 | 12088.2 | 13447.9 | 12526.5 |
| 47.5° | 1601.3 | 1498.9 | 1420.1 | 1320.4 | 1278.4 | 1533.0 | 2501.6 | 5643.8 | 11904.4 | 13201.2 | 12253.5 |
| 50° | 1572.4 | 1454.3 | 1380.8 | 1309.9 | 1191.8 | 1470.0 | 2378.3 | 5609.6 | 11647.2 | 12867.8 | 11746.9 |
| 52.5° | 1522.5 | 1417.5 | 1341.4 | 1286.3 | 1097.3 | 1412.3 | 2331.0 | 5809.1 | 11962.2 | 12618.4 | 11599.9 |
| 55° | 1475.3 | 1367.6 | 1270.5 | 1162.9 | 1018.5 | 1260.0 | 2199.8 | 5995.5 | 12421.5 | 13193.3 | 12266.7 |
| 57.5° | 1425.4 | 1323.0 | 1218.0 | 1089.4 | 942.4 | 1102.5 | 2063.3 | 6029.6 | 11560.5 | 12193.2 | 11644.5 |
| 60° | 1359.8 | 1228.5 | 1149.8 | 981.8 | 861.0 | 913.5 | 1635.4 | 5315.6 | 8967.0 | 10182.4 | 10200.8 |
| 62.5° | 1286.3 | 1144.5 | 1076.3 | 879.4 | 777.0 | 787.5 | 1333.5 | 4467.8 | 7273.9 | 8428.9 | 8930.3 |
| 65° | 1189.1 | 1052.6 | 971.3 | 813.8 | 716.6 | 682.5 | 976.5 | 3273.4 | 5525.6 | 6838.1 | 7407.8 |
| 67.5° | 1063.1 | 934.5 | 832.1 | 708.8 | 640.5 | 585.4 | 666.8 | 1842.8 | 3262.9 | 4591.1 | 4764.4 |
| 70° | 929.3 | 819.0 | 711.4 | 609.0 | 532.9 | 493.5 | 488.3 | 816.4 | 1559.3 | 2470.1 | 2811.4 |
| 72.5° | 732.4 | 653.6 | 567.0 | 490.9 | 441.0 | 383.3 | 349.1 | 338.6 | 527.6 | 1005.4 | 1388.6 |
| 75° | 525.0 | 459.4 | 409.5 | 359.6 | 322.9 | 291.4 | 265.1 | 241.5 | 220.5 | 252.0 | 346.5 |
| 77.5° | 330.8 | 307.1 | 267.8 | 254.6 | 233.6 | 225.8 | 215.3 | 202.1 | 186.4 | 175.9 | 175.9 |
| 80° | 223.1 | 207.4 | 194.3 | 191.6 | 183.8 | 181.1 | 183.8 | 170.6 | 154.9 | 141.8 | 147.0 |
| 82.5° | 149.6 | 147.0 | 144.4 | 141.8 | 144.4 | 147.0 | 152.3 | 149.6 | 136.5 | 128.6 | 131.3 |
| 85° | 89.3 | 94.5 | 99.8 | 105.0 | 115.5 | 102.4 | 84.0 | 70.9 | 63.0 | 57.8 | 55.1 |
| 87.5° | 34.1 | 47.3 | 42.0 | 39.4 | 42.0 | 39.4 | 36.8 | 34.1 | 28.9 | 26.3 | 26.3 |
| 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: P529746

CATALOG NUMBER: GLAN-SA4D-830-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 | 8037.8 |
| 2.5° | 8691.4 | 8743.9 | 8788.5 | 8778.0 | 8686.1 | 8562.8 | 8512.9 | 8258.3 | 8205.8 | 8171.6 |
| 5° | 8809.5 | 9114.0 | 9179.7 | 9140.3 | 8901.4 | 8599.5 | 8305.5 | 7932.8 | 7714.9 | 7707.0 |
| 7.5° | 8591.6 | 8967.0 | 9085.2 | 9174.4 | 8856.8 | 8331.8 | 7827.8 | 7268.6 | 7132.1 | 7142.6 |
| 10° | 8037.8 | 8636.3 | 8927.7 | 9019.5 | 8654.6 | 8200.5 | 7502.3 | 6935.3 | 6643.9 | 6638.6 |
| 12.5° | 7730.6 | 8200.5 | 8281.9 | 8410.5 | 8302.9 | 7843.5 | 7313.3 | 6678.0 | 6394.5 | 6389.3 |
| 15° | 7457.6 | 7767.4 | 7791.0 | 7972.1 | 8029.9 | 7720.1 | 7363.1 | 6685.9 | 6457.5 | 6433.9 |
| 17.5° | 7696.5 | 7481.3 | 7392.0 | 7415.6 | 7586.3 | 7699.1 | 7651.9 | 7132.1 | 6898.5 | 6767.3 |
| 20° | 7856.6 | 7376.3 | 7105.9 | 7132.1 | 7334.3 | 7746.4 | 8082.4 | 7777.9 | 7407.8 | 7423.5 |
| 22.5° | 8284.5 | 7392.0 | 6969.4 | 6940.5 | 7260.8 | 7993.1 | 8568.0 | 8594.3 | 8237.3 | 8150.6 |
| 25° | 8925.0 | 7573.1 | 6927.4 | 6919.5 | 7226.6 | 8258.3 | 9135.0 | 9560.3 | 9195.4 | 9035.3 |
| 27.5° | 9439.5 | 7856.6 | 7058.6 | 7084.9 | 7334.3 | 8473.5 | 9618.0 | 10182.4 | 9904.2 | 9707.3 |
| 30° | 9891.0 | 8150.6 | 7242.4 | 7121.6 | 7623.0 | 8586.4 | 9825.4 | 10891.2 | 10668.0 | 10505.3 |
| 32.5° | 10077.4 | 8568.0 | 7533.8 | 7334.3 | 7861.9 | 8722.9 | 10255.9 | 11578.9 | 11387.3 | 10985.7 |
| 35° | 10392.4 | 8801.7 | 7691.3 | 7675.5 | 8279.3 | 9051.0 | 10458.0 | 12033.0 | 11954.3 | 11597.3 |
| 37.5° | 10644.4 | 9037.9 | 8250.4 | 8077.1 | 8851.5 | 9602.3 | 10783.5 | 12660.4 | 12479.3 | 12311.3 |
| 40° | 10838.7 | 9460.5 | 8772.8 | 9001.2 | 9555.0 | 10103.7 | 11082.8 | 12699.8 | 13222.2 | 12733.9 |
| 42.5° | 10660.2 | 9838.5 | 9631.2 | 10177.2 | 10702.2 | 10675.9 | 11116.9 | 13004.3 | 13395.4 | 13140.8 |
| 45° | 10615.5 | 10479.0 | 10988.3 | 11484.4 | 11605.2 | 11151.0 | 10872.8 | 12668.3 | 13342.9 | 13230.0 |
| 47.5° | 10507.9 | 11109.0 | 11996.3 | 12804.8 | 12621.0 | 11468.7 | 10581.4 | 12607.9 | 13374.4 | 13172.3 |
| 50° | 10471.2 | 11245.5 | 12741.8 | 13529.3 | 13419.0 | 11744.3 | 10444.9 | 12219.4 | 13151.3 | 13132.9 |
| 52.5° | 10468.5 | 11526.4 | 13051.5 | 13923.0 | 13991.3 | 12180.0 | 10631.3 | 12416.3 | 13324.5 | 13479.4 |
| 55° | 10586.7 | 11437.2 | 13012.2 | 13705.2 | 13678.9 | 11985.8 | 10652.3 | 12547.5 | 13537.2 | 13689.4 |
| 57.5° | 9985.5 | 10245.4 | 10738.9 | 11287.5 | 11145.8 | 9927.8 | 9513.0 | 11599.9 | 12424.2 | 12313.9 |
| 60° | 8623.1 | 7809.4 | 7252.9 | 7226.6 | 6951.0 | 6570.4 | 7785.8 | 10353.0 | 10353.0 | 10245.4 |
| 62.5° | 7552.1 | 5126.6 | 4404.8 | 4200.0 | 4396.9 | 4835.3 | 7510.1 | 10069.5 | 9783.4 | 9660.0 |
| 65° | 6604.5 | 3913.9 | 3184.1 | 3126.4 | 3467.6 | 4129.1 | 6790.9 | 8578.5 | 8074.5 | 7665.0 |
| 67.5° | 4249.9 | 2866.5 | 2367.8 | 2265.4 | 2677.5 | 3031.9 | 4520.3 | 5276.3 | 4958.6 | 4798.5 |
| 70° | 2740.5 | 1866.4 | 1317.8 | 1236.4 | 1396.5 | 1869.0 | 2887.5 | 3076.5 | 2614.5 | 2506.9 |
| 72.5° | 1296.8 | 805.9 | 462.0 | 380.6 | 427.9 | 714.0 | 1141.9 | 1228.5 | 1021.1 | 934.5 |
| 75° | 412.1 | 296.6 | 189.0 | 162.8 | 154.9 | 183.8 | 262.5 | 202.1 | 147.0 | 144.4 |
| 77.5° | 183.8 | 175.9 | 149.6 | 126.0 | 110.3 | 91.9 | 76.1 | 63.0 | 65.6 | 68.3 |
| 80° | 152.3 | 139.1 | 123.4 | 110.3 | 91.9 | 70.9 | 55.1 | 42.0 | 42.0 | 44.6 |
| 82.5° | 133.9 | 120.8 | 107.6 | 91.9 | 78.8 | 57.8 | 42.0 | 28.9 | 26.3 | 26.3 |
| 85° | 57.8 | 68.3 | 73.5 | 78.8 | 63.0 | 47.3 | 28.9 | 18.4 | 15.8 | 15.8 |
| 87.5° | 23.6 | 21.0 | 18.4 | 15.8 | 13.1 | 13.1 | 10.5 | 7.9 | 5.3 | 5.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)