

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: McGRAW-EDISON

Report Number: P529304

Luminaire Tested: **GALN-SA4C-722-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P529304
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: McGRAW-EDISON
Catalog Number: GALN-SA4C-722-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 2200K, 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: 15226 lumens
Efficiency: N/A
Efficacy: 71.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

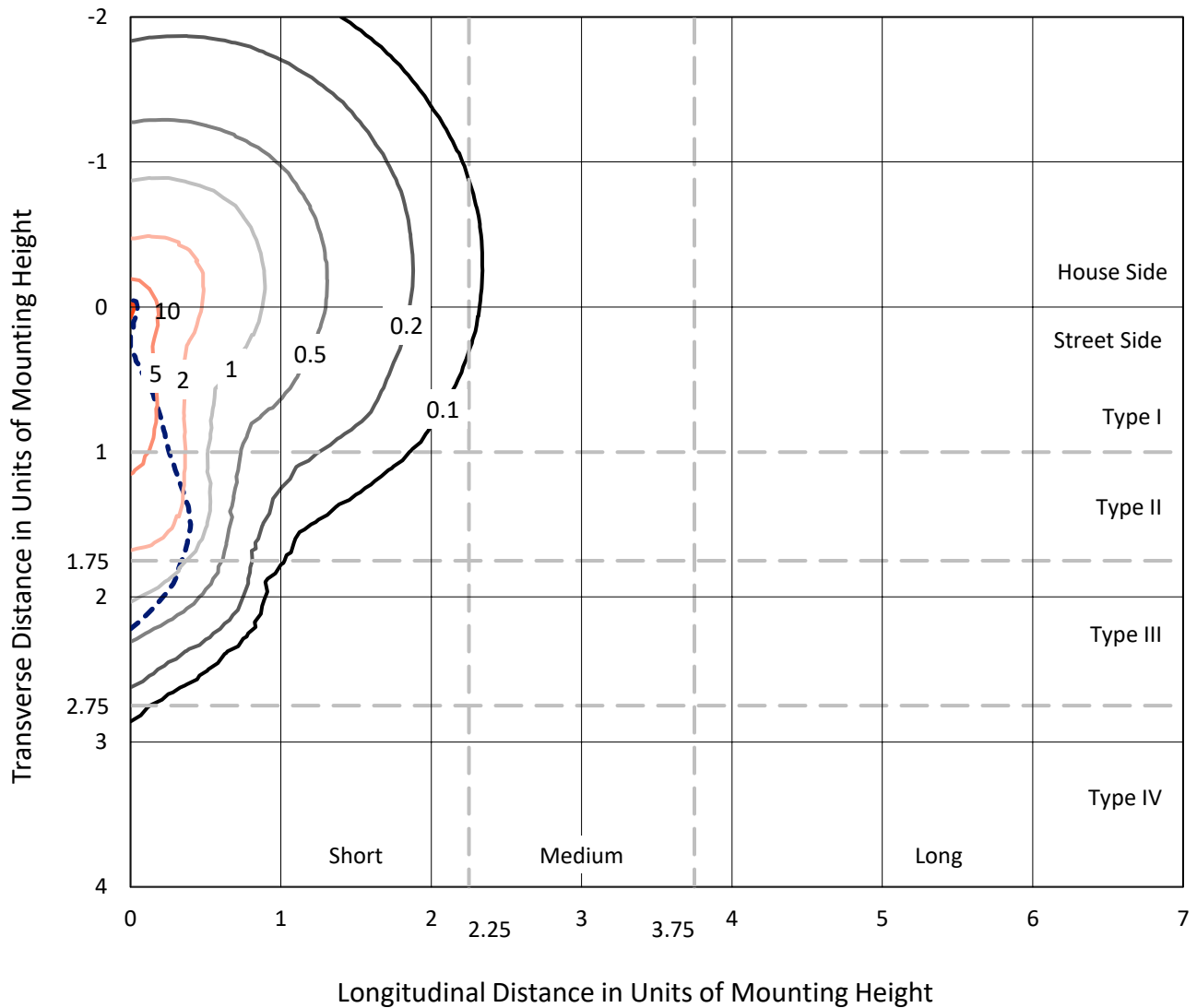
Input Watts (W): 213
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

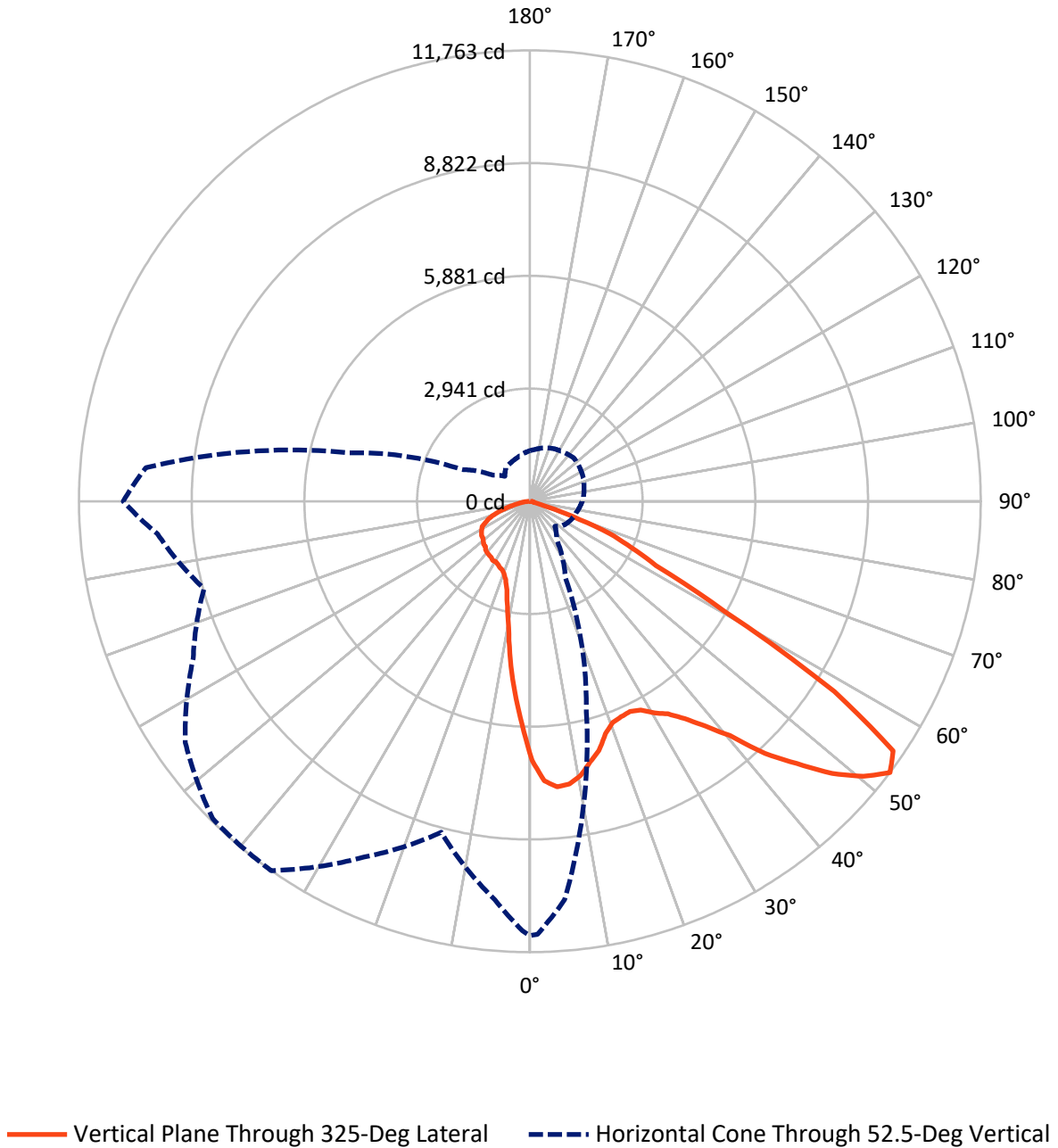
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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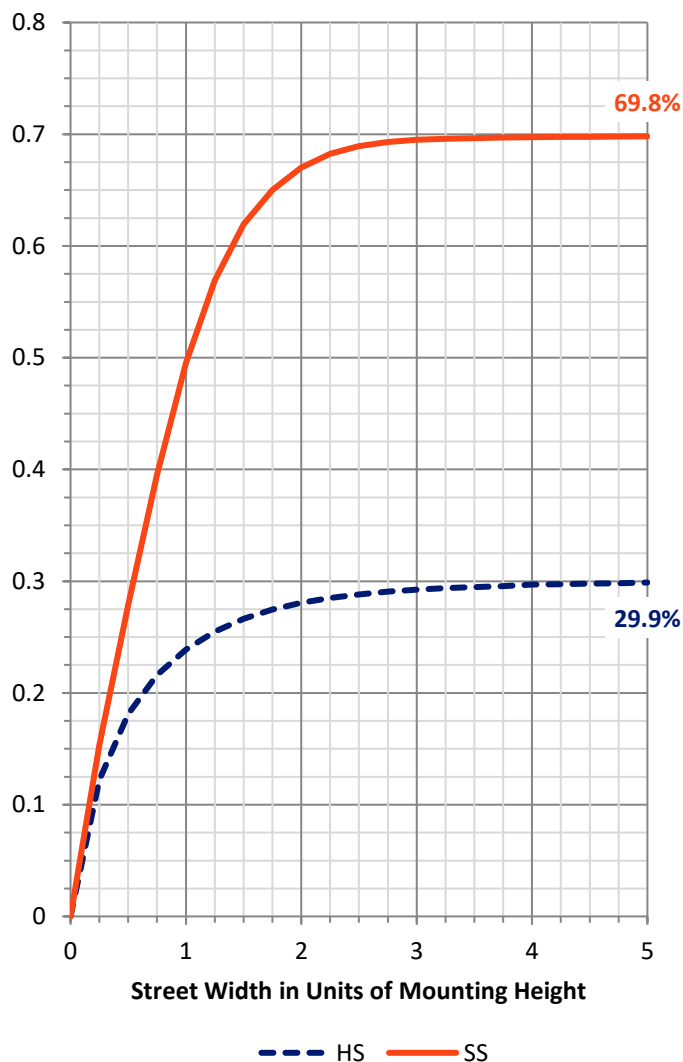
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4590.0 | 0.0 | 4590.0 |
| | % Fixture | 30.1 | 0.0 | 30.1 |
| Street Side | Lumens | 10636.0 | 0.0 | 10636.0 |
| | % Fixture | 69.9 | 0.0 | 69.9 |
| Total | Lumens | 15226.0 | 0.0 | 15226.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 515.5 | 3.4 |
| 10°-20° | 1117.6 | 7.3 |
| 20°-30° | 1688.6 | 11.1 |
| 30°-40° | 2440.1 | 16.0 |
| 40°-50° | 3247.3 | 21.3 |
| 50°-60° | 3632.2 | 23.9 |
| 60°-70° | 2047.1 | 13.4 |
| 70°-80° | 456.3 | 3.0 |
| 80°-90° | 81.3 | 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° | 15226.0 | 100.0 |
| 0°-180° | 15226.0 | 100.0 |

Coefficient of Utilization

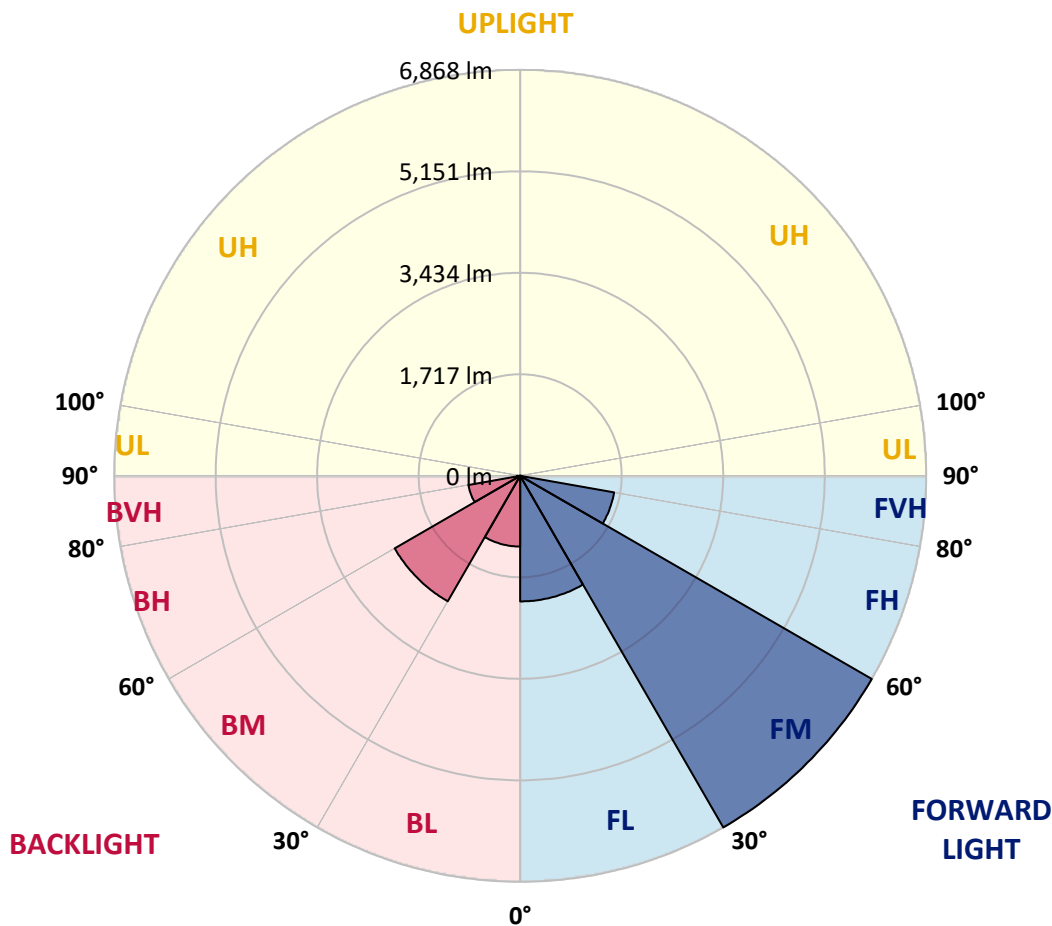


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2124.8 | 14.0 | | | |
| FM (30°-60°) | 6868.1 | 45.1 | | | |
| FH (60°-80°) | 1613.7 | 10.6 | | | G1/1800 |
| FVH (80°-90°) | 29.4 | 0.2 | | | G1/100 |
| BL (0°-30°) | 1197.0 | 7.9 | B3/2500 | | |
| BM (30°-60°) | 2451.5 | 16.1 | B2/2500 | | |
| BH (60°-80°) | 889.7 | 5.8 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 51.8 | 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 III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 |
| 2.5° | 6869.9 | 6980.3 | 6861.1 | 6649.3 | 6499.2 | 6362.4 | 6218.9 | 6190.2 | 6002.6 | 5969.5 | 5832.7 |
| 5° | 6479.3 | 6455.1 | 6309.4 | 6031.3 | 5724.6 | 5446.5 | 5241.3 | 5042.7 | 4908.0 | 4751.4 | 4740.3 |
| 7.5° | 6004.9 | 5863.6 | 5779.8 | 5358.2 | 4978.7 | 4541.7 | 4354.1 | 4051.8 | 3956.9 | 3815.7 | 3742.8 |
| 10° | 5581.1 | 5477.4 | 5281.0 | 4859.5 | 4329.9 | 4040.8 | 3839.9 | 3676.6 | 3566.3 | 3420.6 | 3237.5 |
| 12.5° | 5371.5 | 5329.6 | 5108.9 | 4455.6 | 4062.8 | 3753.9 | 3612.6 | 3453.7 | 3266.1 | 3032.2 | 2941.7 |
| 15° | 5409.0 | 5267.8 | 5100.0 | 4378.4 | 3835.5 | 3537.6 | 3312.5 | 3113.9 | 2873.3 | 2650.4 | 2520.2 |
| 17.5° | 5689.3 | 5581.1 | 5245.7 | 4427.0 | 3749.4 | 3319.1 | 2910.8 | 2617.3 | 2401.1 | 2200.2 | 2109.8 |
| 20° | 6241.0 | 6084.3 | 5706.9 | 4488.7 | 3564.1 | 3014.6 | 2546.7 | 2184.8 | 1953.1 | 1847.1 | 1816.2 |
| 22.5° | 6852.3 | 6759.6 | 6157.1 | 4627.8 | 3416.2 | 2732.1 | 2160.5 | 1798.6 | 1712.5 | 1683.8 | 1741.2 |
| 25° | 7596.0 | 7355.5 | 6856.7 | 4855.1 | 3301.5 | 2491.5 | 1833.9 | 1633.1 | 1588.9 | 1617.6 | 1683.8 |
| 27.5° | 8161.0 | 8097.0 | 7346.6 | 5069.1 | 3144.8 | 2202.4 | 1650.7 | 1518.3 | 1531.6 | 1560.2 | 1622.0 |
| 30° | 8831.8 | 8507.4 | 7821.1 | 5217.0 | 3003.5 | 2003.8 | 1522.7 | 1487.4 | 1500.7 | 1549.2 | 1580.1 |
| 32.5° | 9235.7 | 9114.3 | 8119.0 | 5439.9 | 2840.2 | 1831.7 | 1423.4 | 1390.3 | 1410.2 | 1483.0 | 1555.8 |
| 35° | 9749.9 | 9509.3 | 8487.6 | 5497.3 | 2725.5 | 1763.3 | 1352.8 | 1328.5 | 1374.9 | 1425.6 | 1507.3 |
| 37.5° | 10350.2 | 10184.6 | 8997.4 | 5457.6 | 2663.7 | 1692.7 | 1293.2 | 1282.2 | 1315.3 | 1385.9 | 1480.8 |
| 40° | 10705.5 | 10654.7 | 9264.4 | 5481.8 | 2566.6 | 1630.9 | 1224.8 | 1238.0 | 1306.5 | 1361.6 | 1454.3 |
| 42.5° | 11047.5 | 10716.5 | 9659.4 | 5473.0 | 2504.8 | 1547.0 | 1231.4 | 1216.0 | 1268.9 | 1332.9 | 1421.2 |
| 45° | 11122.6 | 10793.7 | 9752.1 | 5411.2 | 2429.7 | 1465.4 | 1180.7 | 1187.3 | 1251.3 | 1330.7 | 1388.1 |
| 47.5° | 11074.0 | 10831.2 | 9924.2 | 5393.6 | 2359.1 | 1408.0 | 1105.6 | 1185.1 | 1222.6 | 1286.6 | 1368.3 |
| 50° | 11040.9 | 11027.7 | 10069.9 | 5477.4 | 2264.2 | 1317.5 | 1015.2 | 1156.4 | 1193.9 | 1257.9 | 1346.2 |
| 52.5° | 11332.2 | 11303.5 | 10434.0 | 5698.1 | 2189.2 | 1220.4 | 922.5 | 1083.6 | 1174.0 | 1235.8 | 1321.9 |
| 55° | 11508.8 | 11383.0 | 11058.6 | 5969.5 | 2063.4 | 1092.4 | 858.5 | 993.1 | 1125.5 | 1180.7 | 1268.9 |
| 57.5° | 10352.4 | 10266.3 | 10003.7 | 5572.3 | 1851.6 | 924.7 | 779.0 | 900.4 | 1059.3 | 1145.4 | 1235.8 |
| 60° | 8613.4 | 8478.7 | 7805.6 | 4735.9 | 1366.0 | 719.4 | 730.5 | 827.6 | 1041.6 | 1074.7 | 1180.7 |
| 62.5° | 8121.2 | 7788.0 | 6872.1 | 3811.2 | 1048.3 | 617.9 | 655.4 | 761.4 | 948.9 | 1004.1 | 1110.0 |
| 65° | 6444.0 | 6196.9 | 4916.9 | 2751.9 | 701.8 | 536.3 | 598.1 | 686.3 | 818.7 | 926.9 | 1024.0 |
| 67.5° | 4034.1 | 3798.0 | 2624.0 | 1302.0 | 489.9 | 459.0 | 534.1 | 626.7 | 734.9 | 832.0 | 940.1 |
| 70° | 2107.5 | 1849.3 | 1211.6 | 470.1 | 337.6 | 375.2 | 445.8 | 534.1 | 640.0 | 719.4 | 803.3 |
| 72.5° | 785.6 | 637.8 | 395.0 | 203.0 | 233.9 | 286.9 | 361.9 | 425.9 | 501.0 | 598.1 | 644.4 |
| 75° | 121.4 | 103.7 | 101.5 | 123.6 | 158.9 | 207.4 | 258.2 | 322.2 | 388.4 | 450.2 | 481.1 |
| 77.5° | 57.4 | 55.2 | 61.8 | 81.7 | 105.9 | 147.9 | 187.6 | 249.4 | 302.3 | 342.1 | 359.7 |
| 80° | 37.5 | 35.3 | 39.7 | 55.2 | 79.4 | 110.3 | 150.1 | 192.0 | 240.5 | 273.7 | 269.2 |
| 82.5° | 22.1 | 24.3 | 24.3 | 37.5 | 55.2 | 79.4 | 108.1 | 145.7 | 178.8 | 207.4 | 189.8 |
| 85° | 13.2 | 11.0 | 11.0 | 22.1 | 37.5 | 64.0 | 90.5 | 61.8 | 64.0 | 64.0 | 72.8 |
| 87.5° | 4.4 | 4.4 | 4.4 | 2.2 | 4.4 | 4.4 | 6.6 | 11.0 | 13.2 | 15.4 | 19.9 |
| 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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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 |
| 2.5° | 5828.3 | 5896.7 | 5872.4 | 5786.4 | 5852.6 | 5863.6 | 5819.5 | 5971.8 | 6000.4 | 5954.1 | 5967.3 |
| 5° | 4724.9 | 4742.5 | 4782.3 | 4866.1 | 4925.7 | 4996.3 | 4996.3 | 5000.7 | 4941.2 | 5091.2 | 5047.1 |
| 7.5° | 3681.0 | 3692.1 | 3738.4 | 3917.2 | 3967.9 | 4102.5 | 4159.9 | 4120.2 | 4001.0 | 3950.3 | 3992.2 |
| 10° | 3177.9 | 3113.9 | 3098.4 | 3120.5 | 3235.3 | 3292.6 | 3341.2 | 3327.9 | 3308.1 | 3268.4 | 3224.2 |
| 12.5° | 2842.4 | 2796.1 | 2758.6 | 2705.6 | 2712.2 | 2767.4 | 2804.9 | 2774.0 | 2782.8 | 2791.7 | 2804.9 |
| 15° | 2478.3 | 2445.2 | 2425.3 | 2345.9 | 2337.1 | 2374.6 | 2387.8 | 2405.5 | 2438.6 | 2440.8 | 2425.3 |
| 17.5° | 2092.1 | 2063.4 | 2107.5 | 2151.7 | 2120.8 | 2123.0 | 2147.3 | 2162.7 | 2153.9 | 2114.2 | 2094.3 |
| 20° | 1827.3 | 1858.2 | 1902.3 | 1944.2 | 1977.3 | 1997.2 | 2006.0 | 1981.8 | 1953.1 | 1871.4 | 1869.2 |
| 22.5° | 1750.0 | 1789.8 | 1827.3 | 1891.3 | 1922.2 | 1972.9 | 1926.6 | 1871.4 | 1831.7 | 1792.0 | 1745.6 |
| 25° | 1692.7 | 1725.8 | 1800.8 | 1825.1 | 1884.7 | 1926.6 | 1893.5 | 1838.3 | 1769.9 | 1712.5 | 1677.2 |
| 27.5° | 1650.7 | 1688.2 | 1736.8 | 1803.0 | 1849.3 | 1873.6 | 1840.5 | 1818.4 | 1747.8 | 1679.4 | 1628.7 |
| 30° | 1624.2 | 1664.0 | 1752.2 | 1807.4 | 1847.1 | 1867.0 | 1809.6 | 1783.1 | 1732.4 | 1675.0 | 1630.9 |
| 32.5° | 1606.6 | 1641.9 | 1716.9 | 1787.6 | 1814.0 | 1814.0 | 1822.9 | 1792.0 | 1721.3 | 1624.2 | 1586.7 |
| 35° | 1549.2 | 1597.8 | 1659.6 | 1741.2 | 1789.8 | 1818.4 | 1774.3 | 1739.0 | 1692.7 | 1593.3 | 1524.9 |
| 37.5° | 1516.1 | 1549.2 | 1628.7 | 1705.9 | 1747.8 | 1778.7 | 1761.1 | 1699.3 | 1637.5 | 1555.8 | 1500.7 |
| 40° | 1480.8 | 1533.8 | 1604.4 | 1677.2 | 1723.6 | 1754.5 | 1741.2 | 1668.4 | 1593.3 | 1516.1 | 1478.6 |
| 42.5° | 1456.5 | 1491.8 | 1564.7 | 1646.3 | 1701.5 | 1761.1 | 1721.3 | 1630.9 | 1577.9 | 1472.0 | 1430.0 |
| 45° | 1436.7 | 1494.0 | 1571.3 | 1604.4 | 1661.8 | 1723.6 | 1652.9 | 1597.8 | 1536.0 | 1458.7 | 1423.4 |
| 47.5° | 1412.4 | 1465.4 | 1516.1 | 1604.4 | 1630.9 | 1659.6 | 1646.3 | 1558.0 | 1505.1 | 1421.2 | 1396.9 |
| 50° | 1403.6 | 1423.4 | 1516.1 | 1564.7 | 1602.2 | 1630.9 | 1595.6 | 1529.4 | 1478.6 | 1392.5 | 1339.6 |
| 52.5° | 1368.3 | 1405.8 | 1465.4 | 1529.4 | 1575.7 | 1611.0 | 1553.6 | 1511.7 | 1443.3 | 1352.8 | 1319.7 |
| 55° | 1324.1 | 1346.2 | 1452.1 | 1518.3 | 1542.6 | 1566.9 | 1544.8 | 1476.4 | 1405.8 | 1313.1 | 1280.0 |
| 57.5° | 1266.7 | 1317.5 | 1403.6 | 1496.2 | 1527.1 | 1540.4 | 1505.1 | 1449.9 | 1361.6 | 1280.0 | 1227.0 |
| 60° | 1207.2 | 1260.1 | 1355.0 | 1430.0 | 1460.9 | 1509.5 | 1456.5 | 1423.4 | 1321.9 | 1231.4 | 1174.0 |
| 62.5° | 1147.6 | 1207.2 | 1277.8 | 1372.7 | 1399.1 | 1419.0 | 1405.8 | 1359.4 | 1277.8 | 1176.3 | 1105.6 |
| 65° | 1076.9 | 1121.1 | 1209.4 | 1257.9 | 1275.6 | 1321.9 | 1275.6 | 1257.9 | 1185.1 | 1088.0 | 1028.4 |
| 67.5° | 971.0 | 1008.5 | 1085.8 | 1132.1 | 1145.4 | 1165.2 | 1163.0 | 1143.2 | 1061.5 | 995.3 | 942.3 |
| 70° | 849.6 | 882.7 | 931.3 | 986.5 | 993.1 | 1017.4 | 995.3 | 990.9 | 937.9 | 847.4 | 818.7 |
| 72.5° | 681.9 | 712.8 | 776.8 | 801.1 | 803.3 | 812.1 | 801.1 | 785.6 | 772.4 | 677.5 | 648.8 |
| 75° | 523.0 | 540.7 | 571.6 | 593.6 | 593.6 | 604.7 | 598.1 | 582.6 | 547.3 | 487.7 | 459.0 |
| 77.5° | 364.1 | 381.8 | 421.5 | 434.8 | 432.5 | 437.0 | 417.1 | 401.6 | 348.7 | 317.8 | 293.5 |
| 80° | 264.8 | 275.9 | 295.7 | 304.5 | 306.8 | 313.4 | 289.1 | 275.9 | 245.0 | 209.7 | 198.6 |
| 82.5° | 192.0 | 198.6 | 200.8 | 211.9 | 211.9 | 200.8 | 194.2 | 181.0 | 158.9 | 136.8 | 128.0 |
| 85° | 79.4 | 81.7 | 83.9 | 97.1 | 99.3 | 119.2 | 110.3 | 103.7 | 90.5 | 77.2 | 70.6 |
| 87.5° | 19.9 | 22.1 | 28.7 | 24.3 | 28.7 | 28.7 | 30.9 | 35.3 | 35.3 | 28.7 | 28.7 |
| 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: GALN-SA4C-722-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 |
| 2.5° | 6018.1 | 6035.8 | 6260.8 | 6289.5 | 6399.9 | 6512.4 | 6739.7 | 6903.0 | 7035.5 | 7121.5 | 7145.8 |
| 5° | 5093.4 | 5206.0 | 5309.7 | 5477.4 | 5629.7 | 5846.0 | 6095.3 | 6404.3 | 6792.7 | 6991.3 | 7070.8 |
| 7.5° | 3987.8 | 4120.2 | 4270.3 | 4433.6 | 4656.5 | 5044.9 | 5378.1 | 5735.6 | 6232.2 | 6437.4 | 6748.6 |
| 10° | 3255.1 | 3403.0 | 3601.6 | 3727.4 | 3996.6 | 4367.4 | 4755.8 | 5168.5 | 5642.9 | 5938.6 | 6298.4 |
| 12.5° | 2877.7 | 2999.1 | 3182.3 | 3447.1 | 3647.9 | 3888.5 | 4177.6 | 4698.4 | 5378.1 | 5658.4 | 5905.5 |
| 15° | 2460.6 | 2595.3 | 2807.1 | 3100.6 | 3341.2 | 3628.1 | 3952.5 | 4519.6 | 5243.5 | 5676.0 | 5885.7 |
| 17.5° | 2116.4 | 2213.5 | 2436.4 | 2690.2 | 2966.0 | 3279.4 | 3745.0 | 4510.8 | 5384.7 | 5938.6 | 6280.7 |
| 20° | 1878.0 | 1891.3 | 2012.7 | 2228.9 | 2604.1 | 3012.4 | 3617.0 | 4466.7 | 5837.1 | 6391.1 | 6823.6 |
| 22.5° | 1728.0 | 1714.7 | 1716.9 | 1900.1 | 2162.7 | 2749.7 | 3416.2 | 4616.7 | 6351.3 | 7110.5 | 7401.8 |
| 25° | 1652.9 | 1617.6 | 1595.6 | 1635.3 | 1873.6 | 2438.6 | 3263.9 | 4815.4 | 6905.3 | 7704.1 | 8061.6 |
| 27.5° | 1613.2 | 1551.4 | 1507.3 | 1513.9 | 1688.2 | 2281.9 | 3169.0 | 4901.4 | 7454.8 | 8531.7 | 8657.5 |
| 30° | 1597.8 | 1520.5 | 1456.5 | 1434.5 | 1549.2 | 2063.4 | 2966.0 | 5049.3 | 7946.9 | 8986.3 | 9094.5 |
| 32.5° | 1542.6 | 1447.7 | 1385.9 | 1366.0 | 1412.4 | 1871.4 | 2820.4 | 5155.2 | 8381.6 | 9480.7 | 9443.1 |
| 35° | 1478.6 | 1399.1 | 1321.9 | 1284.4 | 1317.5 | 1747.8 | 2703.4 | 5104.5 | 8893.6 | 9864.6 | 9844.8 |
| 37.5° | 1472.0 | 1368.3 | 1304.3 | 1242.5 | 1240.3 | 1595.6 | 2544.5 | 5153.0 | 9220.2 | 10553.2 | 10281.7 |
| 40° | 1414.6 | 1348.4 | 1264.5 | 1213.8 | 1185.1 | 1518.3 | 2390.0 | 5038.3 | 9699.1 | 10831.2 | 10564.2 |
| 42.5° | 1416.8 | 1317.5 | 1244.7 | 1185.1 | 1156.4 | 1405.8 | 2284.1 | 5007.4 | 9866.9 | 11283.7 | 10696.6 |
| 45° | 1381.5 | 1284.4 | 1222.6 | 1152.0 | 1136.5 | 1319.7 | 2182.6 | 4863.9 | 10162.6 | 11305.7 | 10531.1 |
| 47.5° | 1346.2 | 1260.1 | 1193.9 | 1110.0 | 1074.7 | 1288.8 | 2103.1 | 4744.7 | 10008.1 | 11098.3 | 10301.6 |
| 50° | 1321.9 | 1222.6 | 1160.8 | 1101.2 | 1001.9 | 1235.8 | 1999.4 | 4716.1 | 9791.8 | 10818.0 | 9875.7 |
| 52.5° | 1280.0 | 1191.7 | 1127.7 | 1081.4 | 922.5 | 1187.3 | 1959.7 | 4883.8 | 10056.6 | 10608.4 | 9752.1 |
| 55° | 1240.3 | 1149.8 | 1068.1 | 977.6 | 856.3 | 1059.3 | 1849.3 | 5040.5 | 10442.8 | 11091.7 | 10312.6 |
| 57.5° | 1198.3 | 1112.3 | 1024.0 | 915.8 | 792.3 | 926.9 | 1734.6 | 5069.1 | 9719.0 | 10250.8 | 9789.6 |
| 60° | 1143.2 | 1032.8 | 966.6 | 825.4 | 723.8 | 768.0 | 1374.9 | 4468.9 | 7538.6 | 8560.4 | 8575.8 |
| 62.5° | 1081.4 | 962.2 | 904.8 | 739.3 | 653.2 | 662.1 | 1121.1 | 3756.1 | 6115.2 | 7086.2 | 7507.7 |
| 65° | 999.7 | 884.9 | 816.5 | 684.1 | 602.5 | 573.8 | 821.0 | 2751.9 | 4645.4 | 5748.9 | 6227.7 |
| 67.5° | 893.8 | 785.6 | 699.6 | 595.9 | 538.5 | 492.1 | 560.5 | 1549.2 | 2743.1 | 3859.8 | 4005.4 |
| 70° | 781.2 | 688.5 | 598.1 | 512.0 | 448.0 | 414.9 | 410.5 | 686.3 | 1310.9 | 2076.7 | 2363.5 |
| 72.5° | 615.7 | 549.5 | 476.7 | 412.7 | 370.8 | 322.2 | 293.5 | 284.7 | 443.6 | 845.2 | 1167.4 |
| 75° | 441.4 | 386.2 | 344.3 | 302.3 | 271.4 | 245.0 | 222.9 | 203.0 | 185.4 | 211.9 | 291.3 |
| 77.5° | 278.1 | 258.2 | 225.1 | 214.1 | 196.4 | 189.8 | 181.0 | 169.9 | 156.7 | 147.9 | 147.9 |
| 80° | 187.6 | 174.3 | 163.3 | 161.1 | 154.5 | 152.3 | 154.5 | 143.4 | 130.2 | 119.2 | 123.6 |
| 82.5° | 125.8 | 123.6 | 121.4 | 119.2 | 121.4 | 123.6 | 128.0 | 125.8 | 114.8 | 108.1 | 110.3 |
| 85° | 75.0 | 79.4 | 83.9 | 88.3 | 97.1 | 86.1 | 70.6 | 59.6 | 53.0 | 48.6 | 46.3 |
| 87.5° | 28.7 | 39.7 | 35.3 | 33.1 | 35.3 | 33.1 | 30.9 | 28.7 | 24.3 | 22.1 | 22.1 |
| 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: P529304

CATALOG NUMBER: GALN-SA4C-722-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|---------|---------|---------|---------|--------|---------|---------|---------|
| 0° | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 | 6757.4 |
| 2.5° | 7306.9 | 7351.0 | 7388.6 | 7379.7 | 7302.5 | 7198.8 | 7156.8 | 6942.8 | 6898.6 | 6869.9 |
| 5° | 7406.2 | 7662.2 | 7717.4 | 7684.3 | 7483.4 | 7229.7 | 6982.5 | 6669.1 | 6485.9 | 6479.3 |
| 7.5° | 7223.0 | 7538.6 | 7637.9 | 7713.0 | 7445.9 | 7004.6 | 6580.8 | 6110.8 | 5996.0 | 6004.9 |
| 10° | 6757.4 | 7260.6 | 7505.5 | 7582.8 | 7276.0 | 6894.2 | 6307.2 | 5830.5 | 5585.6 | 5581.1 |
| 12.5° | 6499.2 | 6894.2 | 6962.6 | 7070.8 | 6980.3 | 6594.1 | 6148.3 | 5614.2 | 5375.9 | 5371.5 |
| 15° | 6269.7 | 6530.1 | 6549.9 | 6702.2 | 6750.8 | 6490.4 | 6190.2 | 5620.9 | 5428.9 | 5409.0 |
| 17.5° | 6470.5 | 6289.5 | 6214.5 | 6234.4 | 6377.8 | 6472.7 | 6433.0 | 5996.0 | 5799.6 | 5689.3 |
| 20° | 6605.1 | 6201.3 | 5974.0 | 5996.0 | 6166.0 | 6512.4 | 6794.9 | 6538.9 | 6227.7 | 6241.0 |
| 22.5° | 6964.8 | 6214.5 | 5859.2 | 5834.9 | 6104.2 | 6719.9 | 7203.2 | 7225.2 | 6925.1 | 6852.3 |
| 25° | 7503.3 | 6366.8 | 5823.9 | 5817.3 | 6075.5 | 6942.8 | 7679.9 | 8037.4 | 7730.6 | 7596.0 |
| 27.5° | 7935.9 | 6605.1 | 5934.2 | 5956.3 | 6166.0 | 7123.7 | 8085.9 | 8560.4 | 8326.5 | 8161.0 |
| 30° | 8315.4 | 6852.3 | 6088.7 | 5987.2 | 6408.7 | 7218.6 | 8260.3 | 9156.2 | 8968.7 | 8831.8 |
| 32.5° | 8472.1 | 7203.2 | 6333.7 | 6166.0 | 6609.5 | 7333.4 | 8622.2 | 9734.4 | 9573.3 | 9235.7 |
| 35° | 8736.9 | 7399.6 | 6466.1 | 6452.8 | 6960.4 | 7609.2 | 8792.1 | 10116.2 | 10050.0 | 9749.9 |
| 37.5° | 8948.8 | 7598.2 | 6936.1 | 6790.5 | 7441.5 | 8072.7 | 9065.8 | 10643.7 | 10491.4 | 10350.2 |
| 40° | 9112.1 | 7953.5 | 7375.3 | 7567.3 | 8033.0 | 8494.2 | 9317.3 | 10676.8 | 11115.9 | 10705.5 |
| 42.5° | 8962.0 | 8271.3 | 8097.0 | 8556.0 | 8997.4 | 8975.3 | 9346.0 | 10932.8 | 11261.6 | 11047.5 |
| 45° | 8924.5 | 8809.8 | 9237.9 | 9655.0 | 9756.5 | 9374.7 | 9140.8 | 10650.3 | 11217.4 | 11122.6 |
| 47.5° | 8834.0 | 9339.4 | 10085.3 | 10765.0 | 10610.6 | 9641.8 | 8895.8 | 10599.5 | 11243.9 | 11074.0 |
| 50° | 8803.1 | 9454.2 | 10712.1 | 11374.1 | 11281.4 | 9873.5 | 8781.1 | 10272.9 | 11056.3 | 11040.9 |
| 52.5° | 8800.9 | 9690.3 | 10972.5 | 11705.2 | 11762.5 | 10239.8 | 8937.8 | 10438.4 | 11202.0 | 11332.2 |
| 55° | 8900.2 | 9615.3 | 10939.4 | 11522.0 | 11499.9 | 10076.5 | 8955.4 | 10548.8 | 11380.8 | 11508.8 |
| 57.5° | 8394.9 | 8613.4 | 9028.2 | 9489.5 | 9370.3 | 8346.3 | 7997.6 | 9752.1 | 10445.0 | 10352.4 |
| 60° | 7249.5 | 6565.4 | 6097.5 | 6075.5 | 5843.8 | 5523.8 | 6545.5 | 8703.8 | 8703.8 | 8613.4 |
| 62.5° | 6349.1 | 4310.0 | 3703.1 | 3531.0 | 3696.5 | 4065.0 | 6313.8 | 8465.5 | 8225.0 | 8121.2 |
| 65° | 5552.4 | 3290.4 | 2676.9 | 2628.4 | 2915.3 | 3471.4 | 5709.1 | 7212.0 | 6788.3 | 6444.0 |
| 67.5° | 3572.9 | 2409.9 | 1990.6 | 1904.5 | 2251.0 | 2548.9 | 3800.2 | 4435.8 | 4168.8 | 4034.1 |
| 70° | 2304.0 | 1569.1 | 1107.8 | 1039.4 | 1174.0 | 1571.3 | 2427.5 | 2586.4 | 2198.0 | 2107.5 |
| 72.5° | 1090.2 | 677.5 | 388.4 | 320.0 | 359.7 | 600.3 | 960.0 | 1032.8 | 858.5 | 785.6 |
| 75° | 346.5 | 249.4 | 158.9 | 136.8 | 130.2 | 154.5 | 220.7 | 169.9 | 123.6 | 121.4 |
| 77.5° | 154.5 | 147.9 | 125.8 | 105.9 | 92.7 | 77.2 | 64.0 | 53.0 | 55.2 | 57.4 |
| 80° | 128.0 | 117.0 | 103.7 | 92.7 | 77.2 | 59.6 | 46.3 | 35.3 | 35.3 | 37.5 |
| 82.5° | 112.5 | 101.5 | 90.5 | 77.2 | 66.2 | 48.6 | 35.3 | 24.3 | 22.1 | 22.1 |
| 85° | 48.6 | 57.4 | 61.8 | 66.2 | 53.0 | 39.7 | 24.3 | 15.4 | 13.2 | 13.2 |
| 87.5° | 19.9 | 17.7 | 15.4 | 13.2 | 11.0 | 11.0 | 8.8 | 6.6 | 4.4 | 4.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)