

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P624579

Luminaire Tested: **IFLD-L-SA8B-935-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P624579  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8B-935-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (128) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                    |                      |                   |
|-------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens: | 28056 lumens                       | Max Intensity:       | 15582.1 candela   |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:         | 87.7 lumens/watt                   |                      |                   |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                   |
| Beam Angle (50%): | 78.6°H x 78.6°V                    | Field Angle (10%):   | 137.5°H x 137.5°V |
| Beam Lumens:      | 12139.5 lumens                     | Field Lumens:        | 19878.1 lumens    |
| Beam Efficiency:  | 43.3%                              | Field Efficiency:    | 70.9%             |

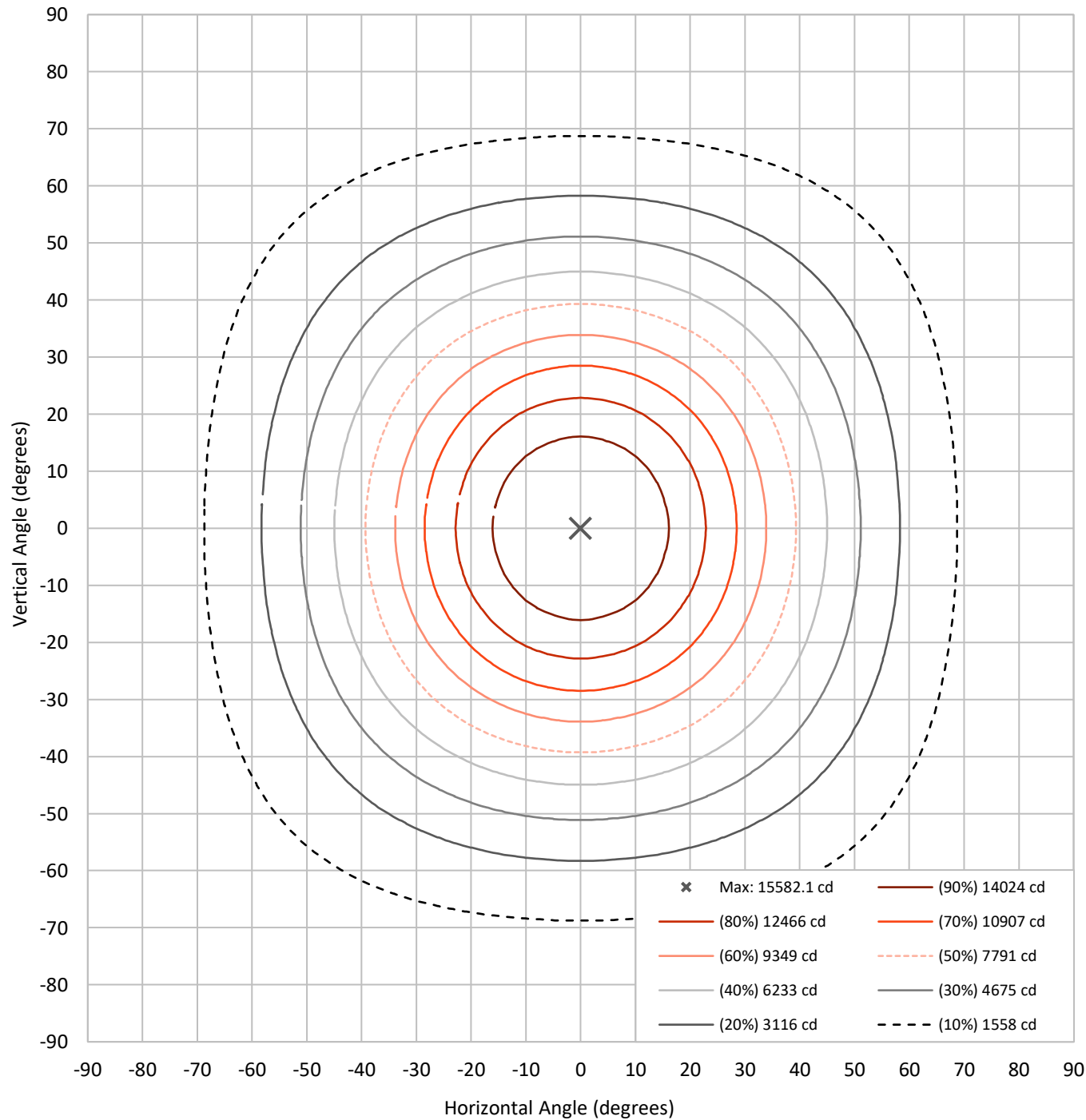
Input Watts (W): 320  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT





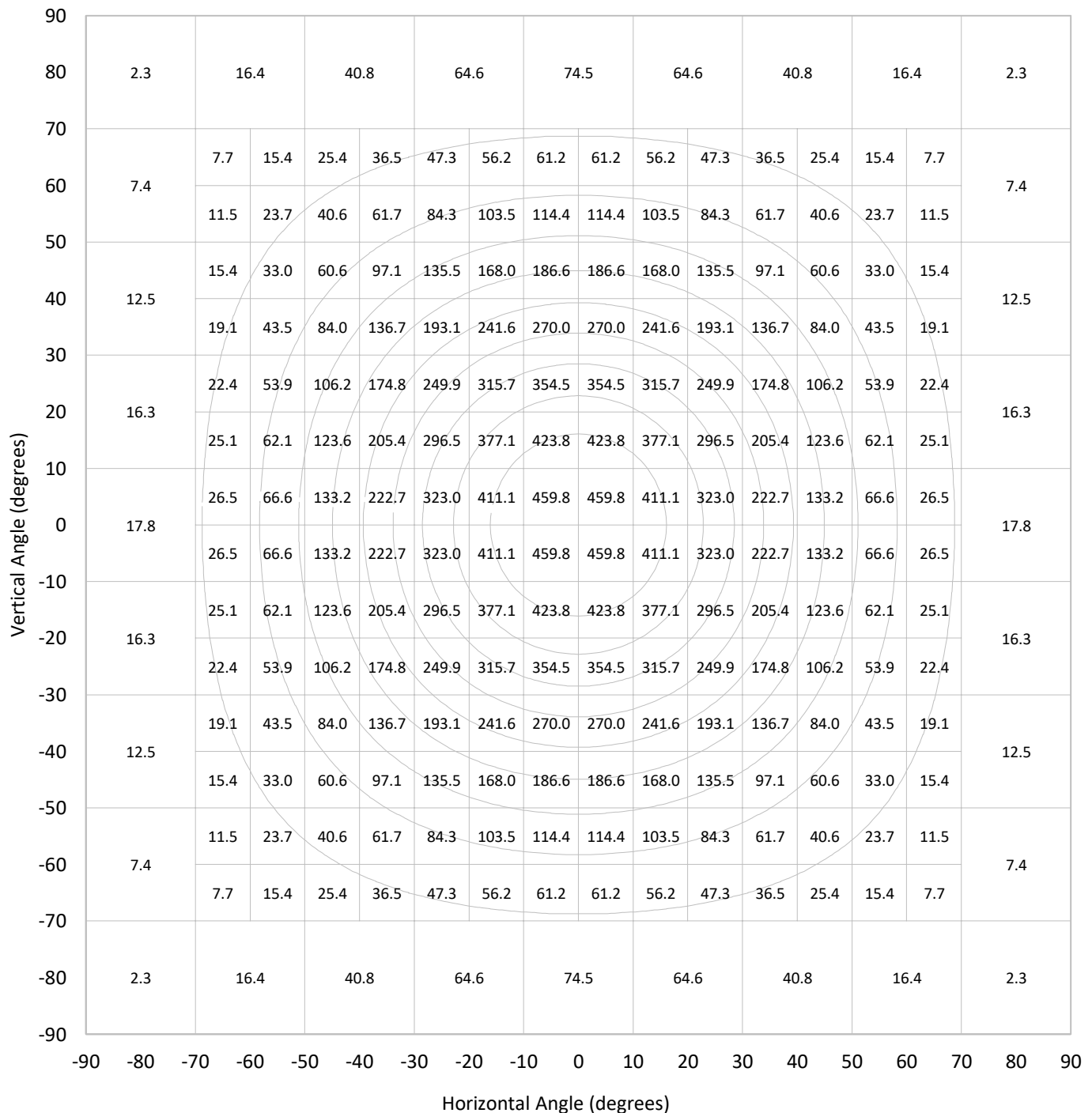
REPORT NUMBER: P624579  
CATALOG NUMBER: IFLD-L-SA8B-935-U-77

Iso-Candela Plot



REPORT NUMBER: P624579  
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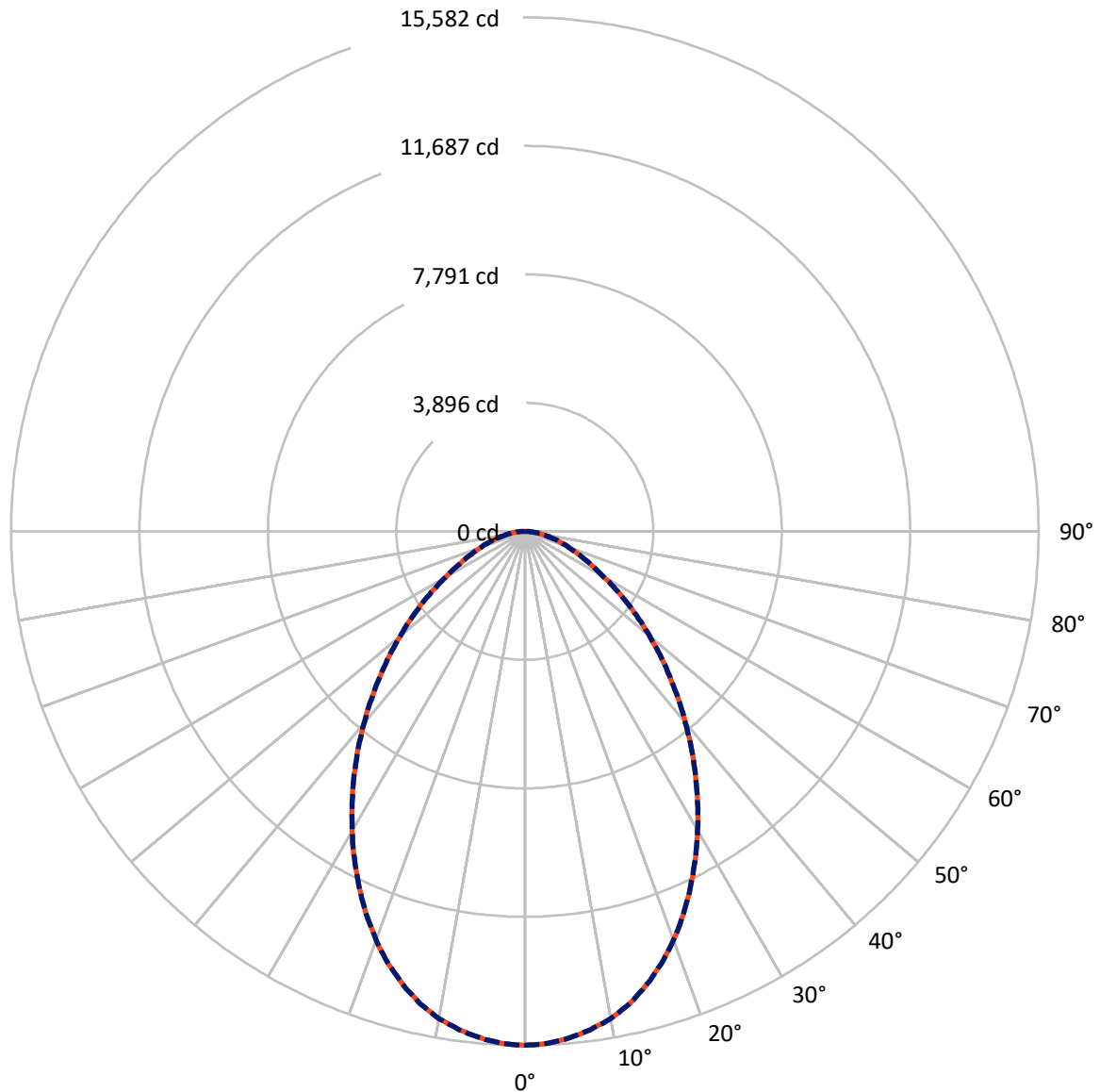
## Lumen Table



REPORT NUMBER: P624579

CATALOG NUMBER: IFLD-L-SA8B-935-U-77

## Luminous Intensity Polar Plot

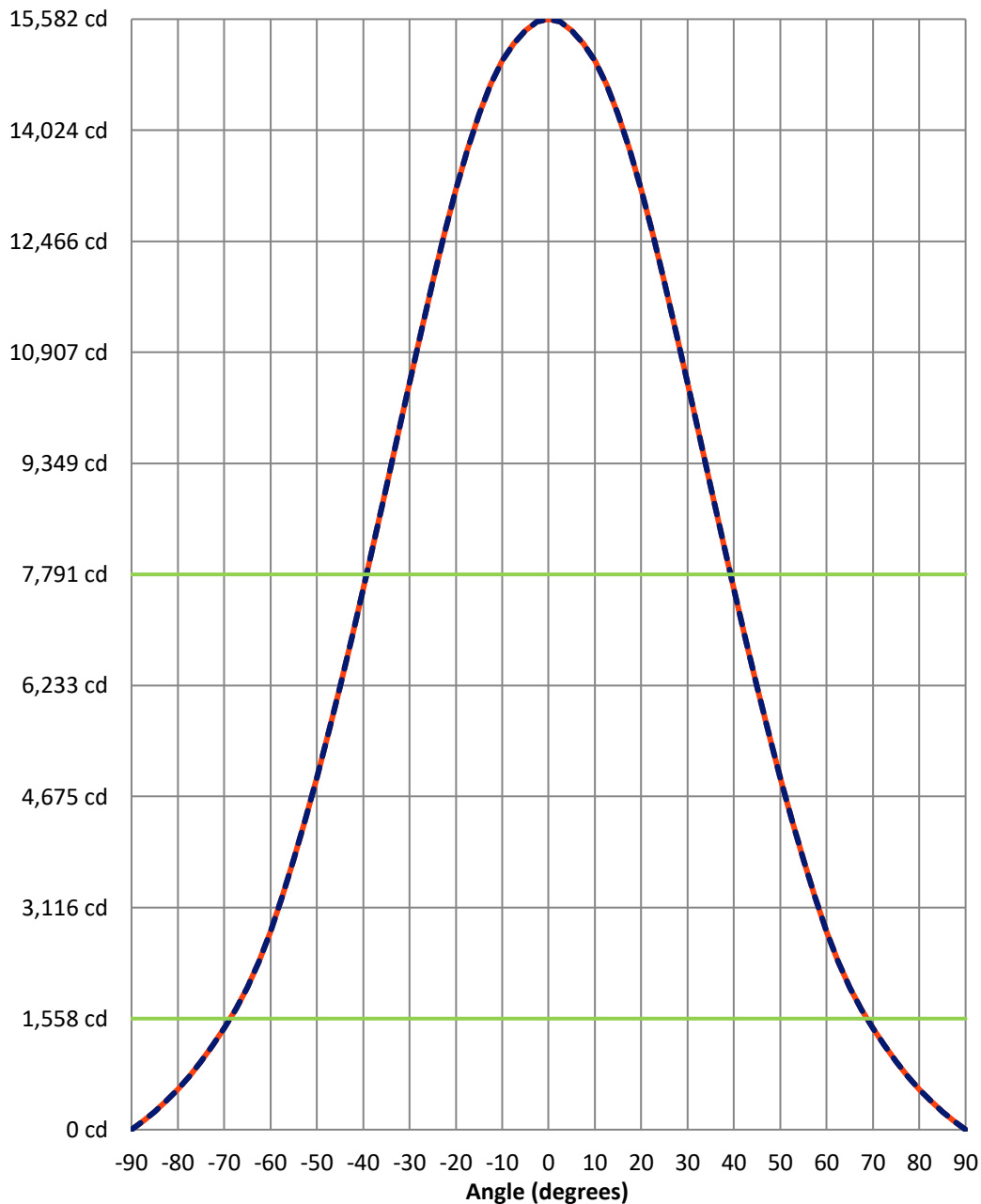


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P624579

CATALOG NUMBER: IFLD-L-SA8B-935-U-77

## Luminous Intensity Plot



**Beam:**

H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 12139.5  
Efficiency: 43.3%

**Field:**

H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 19878.1  
Efficiency: 70.9%

**Spill:**

Lumens: 8177.9  
Efficiency: 29.1%

— Vertical Distribution through 0-Deg  
- - - Horizontal Distribution through 0-Deg

REPORT NUMBER: P624579

CATALOG NUMBER: IFLD-L-SA8B-935-U-77

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

|       | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   | 20°     | 22.5°   | 25°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 87.5° | 119.9   | 119.9   | 119.9   | 119.9   | 119.9   | 119.9   | 119.9   | 114.1   | 114.1   | 111.2   | 108.2   |
| 85°   | 251.6   | 251.6   | 251.6   | 251.6   | 251.6   | 245.7   | 242.8   | 239.9   | 236.9   | 231.1   | 228.2   |
| 82.5° | 403.7   | 403.7   | 403.7   | 403.7   | 397.8   | 392.0   | 389.0   | 383.2   | 377.3   | 368.6   | 359.8   |
| 80°   | 564.5   | 564.5   | 564.5   | 564.5   | 555.8   | 549.9   | 541.1   | 535.3   | 526.5   | 514.8   | 503.1   |
| 77.5° | 748.8   | 748.8   | 748.8   | 740.1   | 734.2   | 725.4   | 716.7   | 705.0   | 693.3   | 678.6   | 661.1   |
| 75°   | 956.5   | 956.5   | 956.5   | 944.8   | 936.0   | 927.3   | 912.6   | 898.0   | 880.5   | 860.0   | 836.6   |
| 72.5° | 1181.7  | 1181.7  | 1181.7  | 1167.1  | 1158.3  | 1143.7  | 1126.2  | 1105.7  | 1085.2  | 1058.9  | 1029.6  |
| 70°   | 1424.5  | 1424.5  | 1424.5  | 1407.0  | 1392.4  | 1377.7  | 1354.3  | 1330.9  | 1301.7  | 1272.4  | 1237.3  |
| 67.5° | 1687.8  | 1687.8  | 1687.8  | 1667.3  | 1649.8  | 1629.3  | 1603.0  | 1573.7  | 1538.6  | 1497.7  | 1456.7  |
| 65°   | 1994.9  | 1994.9  | 1983.2  | 1965.7  | 1945.2  | 1916.0  | 1883.8  | 1842.8  | 1799.0  | 1746.3  | 1690.7  |
| 62.5° | 2357.6  | 2357.6  | 2340.1  | 2319.6  | 2293.3  | 2255.3  | 2211.4  | 2158.7  | 2097.3  | 2030.0  | 1962.8  |
| 60°   | 2778.9  | 2778.9  | 2758.4  | 2732.1  | 2694.0  | 2647.2  | 2588.7  | 2521.5  | 2445.4  | 2360.6  | 2278.7  |
| 57.5° | 3264.4  | 3264.4  | 3238.1  | 3203.0  | 3156.2  | 3097.7  | 3024.6  | 2939.7  | 2843.2  | 2737.9  | 2635.5  |
| 55°   | 3791.0  | 3791.0  | 3758.8  | 3717.8  | 3662.3  | 3592.1  | 3504.3  | 3404.8  | 3287.8  | 3167.9  | 3036.3  |
| 52.5° | 4349.7  | 4349.7  | 4311.6  | 4264.8  | 4200.5  | 4118.6  | 4019.1  | 3902.1  | 3767.6  | 3627.2  | 3472.1  |
| 50°   | 4937.6  | 4937.6  | 4893.7  | 4841.1  | 4768.0  | 4671.4  | 4557.3  | 4422.8  | 4273.6  | 4109.8  | 3931.4  |
| 47.5° | 5566.5  | 5566.5  | 5516.8  | 5455.4  | 5367.6  | 5256.4  | 5121.9  | 4966.9  | 4797.2  | 4612.9  | 4411.1  |
| 45°   | 6213.0  | 6213.0  | 6157.4  | 6087.2  | 5990.7  | 5864.9  | 5715.7  | 5566.5  | 5350.0  | 5136.5  | 4902.5  |
| 42.5° | 6885.7  | 6885.7  | 6821.4  | 6742.4  | 6631.3  | 6493.8  | 6324.1  | 6131.1  | 5917.5  | 5677.7  | 5423.2  |
| 40°   | 7584.8  | 7584.8  | 7511.7  | 7421.0  | 7298.2  | 7140.2  | 6950.1  | 6733.6  | 6493.8  | 6227.6  | 5946.8  |
| 37.5° | 8298.6  | 8298.6  | 8216.7  | 8117.2  | 7979.7  | 7804.2  | 7590.7  | 7350.8  | 7081.7  | 6786.3  | 6476.2  |
| 35°   | 9018.2  | 9018.2  | 8927.5  | 8819.2  | 8667.1  | 8474.1  | 8243.0  | 7976.8  | 7678.4  | 7356.7  | 7008.6  |
| 32.5° | 9752.4  | 9752.4  | 9652.9  | 9530.1  | 9357.5  | 9143.9  | 8889.4  | 8599.9  | 8298.6  | 7924.2  | 7543.9  |
| 30°   | 10477.8 | 10477.8 | 10369.6 | 10235.0 | 10050.7 | 9816.7  | 9538.8  | 9220.0  | 8866.0  | 8482.9  | 8073.3  |
| 27.5° | 11191.5 | 11162.3 | 11071.6 | 10928.3 | 10726.4 | 10477.8 | 10176.5 | 9831.3  | 9448.1  | 9026.9  | 8588.2  |
| 25°   | 11893.5 | 11861.4 | 11761.9 | 11604.0 | 11387.5 | 11115.5 | 10790.8 | 10422.2 | 10009.8 | 9565.2  | 9085.4  |
| 22.5° | 12566.3 | 12531.2 | 12425.9 | 12256.3 | 12025.2 | 11729.7 | 11381.7 | 10986.8 | 10548.0 | 10071.2 | 9565.2  |
| 20°   | 13189.4 | 13151.4 | 13043.1 | 12864.7 | 12624.8 | 12311.8 | 11943.3 | 11519.1 | 11051.1 | 10548.0 | 10009.8 |
| 17.5° | 13751.0 | 13713.0 | 13598.9 | 13414.6 | 13189.4 | 12841.3 | 12461.0 | 12013.5 | 11519.1 | 10986.8 | 10422.2 |
| 15°   | 14245.3 | 14204.4 | 14087.4 | 13903.1 | 13645.7 | 13318.1 | 12917.3 | 12461.0 | 11943.3 | 11381.7 | 10790.8 |
| 12.5° | 14666.6 | 14625.6 | 14505.7 | 14321.4 | 14055.2 | 13727.6 | 13318.1 | 12841.3 | 12311.8 | 11729.7 | 11115.5 |
| 10°   | 15000.0 | 14959.1 | 14845.0 | 14669.5 | 14394.5 | 14055.2 | 13645.7 | 13189.4 | 12624.8 | 12025.2 | 11387.5 |
| 7.5°  | 15239.9 | 15201.9 | 15096.6 | 14921.1 | 14669.5 | 14321.4 | 13903.1 | 13414.6 | 12864.7 | 12256.3 | 11604.0 |
| 5°    | 15421.2 | 15377.4 | 15272.1 | 15096.6 | 14845.0 | 14505.7 | 14087.4 | 13598.9 | 13043.1 | 12425.9 | 11761.9 |
| 2.5°  | 15547.0 | 15494.4 | 15377.4 | 15201.9 | 14959.1 | 14625.6 | 14204.4 | 13713.0 | 13151.4 | 12531.2 | 11861.4 |
| 0°    | 15582.1 | 15547.0 | 15421.2 | 15239.9 | 15000.0 | 14666.6 | 14245.3 | 13751.0 | 13189.4 | 12566.3 | 11893.5 |

REPORT NUMBER: P624579

CATALOG NUMBER: IFLD-L-SA8B-935-U-77

**CANDELA DISTRIBUTION (continued):**

|       | 27.5°   | 30°     | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°   | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 105.3   | 105.3   | 102.4  | 99.5   | 96.5   | 90.7   | 87.8   | 84.8   | 81.9   | 76.1   | 73.1   |
| 85°   | 222.3   | 216.5   | 210.6  | 204.8  | 196.0  | 190.1  | 181.4  | 175.5  | 166.7  | 158.0  | 149.2  |
| 82.5° | 351.0   | 342.2   | 330.5  | 321.8  | 310.1  | 295.4  | 283.7  | 269.1  | 254.5  | 242.8  | 228.2  |
| 80°   | 491.4   | 476.8   | 462.2  | 447.5  | 430.0  | 412.4  | 394.9  | 377.3  | 356.9  | 336.4  | 315.9  |
| 77.5° | 643.5   | 623.1   | 602.6  | 579.2  | 558.7  | 535.3  | 511.9  | 488.5  | 462.2  | 435.8  | 409.5  |
| 75°   | 813.2   | 786.9   | 757.6  | 728.4  | 702.0  | 669.9  | 637.7  | 605.5  | 570.4  | 538.2  | 503.1  |
| 72.5° | 997.5   | 965.3   | 930.2  | 895.1  | 857.1  | 816.1  | 775.2  | 731.3  | 690.3  | 649.4  | 605.5  |
| 70°   | 1196.4  | 1158.3  | 1114.5 | 1070.6 | 1023.8 | 974.1  | 924.3  | 871.7  | 819.0  | 766.4  | 713.7  |
| 67.5° | 1409.9  | 1363.1  | 1310.5 | 1257.8 | 1199.3 | 1140.8 | 1082.3 | 1020.9 | 956.5  | 892.2  | 830.7  |
| 65°   | 1638.1  | 1579.6  | 1518.1 | 1450.9 | 1383.6 | 1316.3 | 1246.1 | 1173.0 | 1099.8 | 1023.8 | 956.5  |
| 62.5° | 1892.6  | 1819.4  | 1740.4 | 1658.5 | 1582.5 | 1500.6 | 1424.5 | 1333.9 | 1246.1 | 1161.3 | 1076.4 |
| 60°   | 2188.0  | 2091.5  | 1994.9 | 1892.6 | 1796.0 | 1690.7 | 1597.1 | 1497.7 | 1398.2 | 1301.7 | 1202.2 |
| 57.5° | 2518.5  | 2395.7  | 2278.7 | 2155.8 | 2027.1 | 1910.1 | 1790.2 | 1670.2 | 1559.1 | 1445.0 | 1336.8 |
| 55°   | 2892.9  | 2743.8  | 2597.5 | 2445.4 | 2296.2 | 2150.0 | 1997.9 | 1863.3 | 1725.8 | 1597.1 | 1471.3 |
| 52.5° | 3302.5  | 3132.8  | 2951.4 | 2778.9 | 2588.7 | 2407.4 | 2237.7 | 2068.1 | 1907.2 | 1752.1 | 1608.8 |
| 50°   | 3741.2  | 3542.3  | 3334.6 | 3124.0 | 2907.6 | 2694.0 | 2489.3 | 2290.4 | 2103.2 | 1921.8 | 1752.1 |
| 47.5° | 4197.6  | 3972.3  | 3735.4 | 3495.5 | 3264.4 | 3004.1 | 2758.4 | 2533.2 | 2307.9 | 2103.2 | 1907.2 |
| 45°   | 4665.6  | 4411.1  | 4150.7 | 3878.7 | 3606.7 | 3325.9 | 3053.8 | 2778.9 | 2533.2 | 2290.4 | 2068.1 |
| 42.5° | 5148.2  | 4861.6  | 4572.0 | 4270.7 | 3969.4 | 3662.3 | 3355.1 | 3053.8 | 2758.4 | 2489.3 | 2237.7 |
| 40°   | 5645.5  | 5329.6  | 4999.0 | 4671.4 | 4349.7 | 3998.6 | 3662.3 | 3325.9 | 3004.1 | 2694.0 | 2407.4 |
| 37.5° | 6142.8  | 5797.6  | 5440.7 | 5072.2 | 4703.6 | 4349.7 | 3969.4 | 3606.7 | 3264.4 | 2907.6 | 2588.7 |
| 35°   | 6643.0  | 6262.7  | 5876.6 | 5475.8 | 5072.2 | 4671.4 | 4270.7 | 3878.7 | 3495.5 | 3124.0 | 2778.9 |
| 32.5° | 7146.1  | 6730.7  | 6303.6 | 5876.6 | 5440.7 | 4999.0 | 4572.0 | 4150.7 | 3735.4 | 3334.6 | 2951.4 |
| 30°   | 7640.4  | 7190.0  | 6730.7 | 6262.7 | 5797.6 | 5329.6 | 4861.6 | 4411.1 | 3972.3 | 3542.3 | 3132.8 |
| 27.5° | 8123.1  | 7640.4  | 7146.1 | 6643.0 | 6142.8 | 5645.5 | 5148.2 | 4665.6 | 4197.6 | 3741.2 | 3302.5 |
| 25°   | 8588.2  | 8073.3  | 7543.9 | 7008.6 | 6476.2 | 5946.8 | 5423.2 | 4902.5 | 4411.1 | 3931.4 | 3472.1 |
| 22.5° | 9026.9  | 8482.9  | 7924.2 | 7356.7 | 6786.3 | 6227.6 | 5677.7 | 5136.5 | 4612.9 | 4109.8 | 3627.2 |
| 20°   | 9448.1  | 8866.0  | 8298.6 | 7678.4 | 7081.7 | 6493.8 | 5917.5 | 5350.0 | 4797.2 | 4273.6 | 3767.6 |
| 17.5° | 9831.3  | 9220.0  | 8599.9 | 7976.8 | 7350.8 | 6733.6 | 6131.1 | 5566.5 | 4966.9 | 4422.8 | 3902.1 |
| 15°   | 10176.5 | 9538.8  | 8889.4 | 8243.0 | 7590.7 | 6950.1 | 6324.1 | 5715.7 | 5121.9 | 4557.3 | 4019.1 |
| 12.5° | 10477.8 | 9816.7  | 9143.9 | 8474.1 | 7804.2 | 7140.2 | 6493.8 | 5864.9 | 5256.4 | 4671.4 | 4118.6 |
| 10°   | 10726.4 | 10050.7 | 9357.5 | 8667.1 | 7979.7 | 7298.2 | 6631.3 | 5990.7 | 5367.6 | 4768.0 | 4200.5 |
| 7.5°  | 10928.3 | 10235.0 | 9530.1 | 8819.2 | 8117.2 | 7421.0 | 6742.4 | 6087.2 | 5455.4 | 4841.1 | 4264.8 |
| 5°    | 11071.6 | 10369.6 | 9652.9 | 8927.5 | 8216.7 | 7511.7 | 6821.4 | 6157.4 | 5516.8 | 4893.7 | 4311.6 |
| 2.5°  | 11162.3 | 10477.8 | 9752.4 | 9018.2 | 8298.6 | 7584.8 | 6885.7 | 6213.0 | 5566.5 | 4937.6 | 4349.7 |
| 0°    | 11191.5 | 10477.8 | 9752.4 | 9018.2 | 8298.6 | 7584.8 | 6885.7 | 6213.0 | 5566.5 | 4937.6 | 4349.7 |



REPORT NUMBER: P624579

CATALOG NUMBER: IFLD-L-SA8B-935-U-77

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°   | 77.5° | 80°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |
| 87.5° | 70.2   | 64.4   | 58.5   | 55.6   | 49.7   | 46.8   | 41.0   | 35.1   | 32.2  | 26.3  | 20.5  |
| 85°   | 140.4  | 128.7  | 119.9  | 111.2  | 102.4  | 90.7   | 81.9   | 73.1   | 61.4  | 52.7  | 41.0  |
| 82.5° | 213.5  | 198.9  | 184.3  | 169.7  | 155.0  | 140.4  | 122.9  | 108.2  | 93.6  | 79.0  | 61.4  |
| 80°   | 295.4  | 272.0  | 251.6  | 231.1  | 210.6  | 190.1  | 166.7  | 146.3  | 122.9 | 102.4 | 81.9  |
| 77.5° | 380.3  | 353.9  | 324.7  | 295.4  | 266.2  | 239.9  | 210.6  | 184.3  | 158.0 | 128.7 | 102.4 |
| 75°   | 470.9  | 435.8  | 403.7  | 365.6  | 330.5  | 292.5  | 257.4  | 222.3  | 190.1 | 158.0 | 122.9 |
| 72.5° | 564.5  | 520.7  | 476.8  | 435.8  | 392.0  | 348.1  | 307.1  | 263.3  | 222.3 | 184.3 | 146.3 |
| 70°   | 661.1  | 608.4  | 555.8  | 506.0  | 456.3  | 403.7  | 356.9  | 307.1  | 257.4 | 210.6 | 166.7 |
| 67.5° | 763.5  | 702.0  | 640.6  | 576.2  | 520.7  | 462.2  | 403.7  | 348.1  | 292.5 | 239.9 | 190.1 |
| 65°   | 874.6  | 801.5  | 725.4  | 658.2  | 585.0  | 520.7  | 456.3  | 392.0  | 330.5 | 266.2 | 210.6 |
| 62.5° | 988.7  | 903.9  | 819.0  | 734.2  | 658.2  | 576.2  | 506.0  | 435.8  | 365.6 | 295.4 | 231.1 |
| 60°   | 1105.7 | 1009.2 | 912.6  | 819.0  | 725.4  | 640.6  | 555.8  | 476.8  | 403.7 | 324.7 | 251.6 |
| 57.5° | 1225.6 | 1117.4 | 1009.2 | 903.9  | 801.5  | 702.0  | 608.4  | 520.7  | 435.8 | 353.9 | 272.0 |
| 55°   | 1348.5 | 1225.6 | 1105.7 | 988.7  | 874.6  | 763.5  | 661.1  | 564.5  | 470.9 | 380.3 | 295.4 |
| 52.5° | 1471.3 | 1336.8 | 1202.2 | 1076.4 | 956.5  | 830.7  | 713.7  | 605.5  | 503.1 | 409.5 | 315.9 |
| 50°   | 1597.1 | 1445.0 | 1301.7 | 1161.3 | 1023.8 | 892.2  | 766.4  | 649.4  | 538.2 | 435.8 | 336.4 |
| 47.5° | 1725.8 | 1559.1 | 1398.2 | 1246.1 | 1099.8 | 956.5  | 819.0  | 690.3  | 570.4 | 462.2 | 356.9 |
| 45°   | 1863.3 | 1670.2 | 1497.7 | 1333.9 | 1173.0 | 1020.9 | 871.7  | 731.3  | 605.5 | 488.5 | 377.3 |
| 42.5° | 1997.9 | 1790.2 | 1597.1 | 1424.5 | 1246.1 | 1082.3 | 924.3  | 775.2  | 637.7 | 511.9 | 394.9 |
| 40°   | 2150.0 | 1910.1 | 1690.7 | 1500.6 | 1316.3 | 1140.8 | 974.1  | 816.1  | 669.9 | 535.3 | 412.4 |
| 37.5° | 2296.2 | 2027.1 | 1796.0 | 1582.5 | 1383.6 | 1199.3 | 1023.8 | 857.1  | 702.0 | 558.7 | 430.0 |
| 35°   | 2445.4 | 2155.8 | 1892.6 | 1658.5 | 1450.9 | 1257.8 | 1070.6 | 895.1  | 728.4 | 579.2 | 447.5 |
| 32.5° | 2597.5 | 2278.7 | 1994.9 | 1740.4 | 1518.1 | 1310.5 | 1114.5 | 930.2  | 757.6 | 602.6 | 462.2 |
| 30°   | 2743.8 | 2395.7 | 2091.5 | 1819.4 | 1579.6 | 1363.1 | 1158.3 | 965.3  | 786.9 | 623.1 | 476.8 |
| 27.5° | 2892.9 | 2518.5 | 2188.0 | 1892.6 | 1638.1 | 1409.9 | 1196.4 | 997.5  | 813.2 | 643.5 | 491.4 |
| 25°   | 3036.3 | 2635.5 | 2278.7 | 1962.8 | 1690.7 | 1456.7 | 1237.3 | 1029.6 | 836.6 | 661.1 | 503.1 |
| 22.5° | 3167.9 | 2737.9 | 2360.6 | 2030.0 | 1746.3 | 1497.7 | 1272.4 | 1058.9 | 860.0 | 678.6 | 514.8 |
| 20°   | 3287.8 | 2843.2 | 2445.4 | 2097.3 | 1799.0 | 1538.6 | 1301.7 | 1085.2 | 880.5 | 693.3 | 526.5 |
| 17.5° | 3404.8 | 2939.7 | 2521.5 | 2158.7 | 1842.8 | 1573.7 | 1330.9 | 1105.7 | 898.0 | 705.0 | 535.3 |
| 15°   | 3504.3 | 3024.6 | 2588.7 | 2211.4 | 1883.8 | 1603.0 | 1354.3 | 1126.2 | 912.6 | 716.7 | 541.1 |
| 12.5° | 3592.1 | 3097.7 | 2647.2 | 2255.3 | 1916.0 | 1629.3 | 1377.7 | 1143.7 | 927.3 | 725.4 | 549.9 |
| 10°   | 3662.3 | 3156.2 | 2694.0 | 2293.3 | 1945.2 | 1649.8 | 1392.4 | 1158.3 | 936.0 | 734.2 | 555.8 |
| 7.5°  | 3717.8 | 3203.0 | 2732.1 | 2319.6 | 1965.7 | 1667.3 | 1407.0 | 1167.1 | 944.8 | 740.1 | 564.5 |
| 5°    | 3758.8 | 3238.1 | 2758.4 | 2340.1 | 1983.2 | 1687.8 | 1424.5 | 1181.7 | 956.5 | 748.8 | 564.5 |
| 2.5°  | 3791.0 | 3264.4 | 2778.9 | 2357.6 | 1994.9 | 1687.8 | 1424.5 | 1181.7 | 956.5 | 748.8 | 564.5 |
| 0°    | 3791.0 | 3264.4 | 2778.9 | 2357.6 | 1994.9 | 1687.8 | 1424.5 | 1181.7 | 956.5 | 748.8 | 564.5 |

REPORT NUMBER: P624579

CATALOG NUMBER: IFLD-L-SA8B-935-U-77

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 14.6  | 11.7  | 5.9   | 0.0 |
| 85°   | 32.2  | 20.5  | 11.7  | 0.0 |
| 82.5° | 46.8  | 32.2  | 14.6  | 0.0 |
| 80°   | 61.4  | 41.0  | 20.5  | 0.0 |
| 77.5° | 79.0  | 52.7  | 26.3  | 0.0 |
| 75°   | 93.6  | 61.4  | 32.2  | 0.0 |
| 72.5° | 108.2 | 73.1  | 35.1  | 0.0 |
| 70°   | 122.9 | 81.9  | 41.0  | 0.0 |
| 67.5° | 140.4 | 90.7  | 46.8  | 0.0 |
| 65°   | 155.0 | 102.4 | 49.7  | 0.0 |
| 62.5° | 169.7 | 111.2 | 55.6  | 0.0 |
| 60°   | 184.3 | 119.9 | 58.5  | 0.0 |
| 57.5° | 198.9 | 128.7 | 64.4  | 0.0 |
| 55°   | 213.5 | 140.4 | 70.2  | 0.0 |
| 52.5° | 228.2 | 149.2 | 73.1  | 0.0 |
| 50°   | 242.8 | 158.0 | 76.1  | 0.0 |
| 47.5° | 254.5 | 166.7 | 81.9  | 0.0 |
| 45°   | 269.1 | 175.5 | 84.8  | 0.0 |
| 42.5° | 283.7 | 181.4 | 87.8  | 0.0 |
| 40°   | 295.4 | 190.1 | 90.7  | 0.0 |
| 37.5° | 310.1 | 196.0 | 96.5  | 0.0 |
| 35°   | 321.8 | 204.8 | 99.5  | 0.0 |
| 32.5° | 330.5 | 210.6 | 102.4 | 0.0 |
| 30°   | 342.2 | 216.5 | 105.3 | 0.0 |
| 27.5° | 351.0 | 222.3 | 105.3 | 0.0 |
| 25°   | 359.8 | 228.2 | 108.2 | 0.0 |
| 22.5° | 368.6 | 231.1 | 111.2 | 0.0 |
| 20°   | 377.3 | 236.9 | 114.1 | 0.0 |
| 17.5° | 383.2 | 239.9 | 114.1 | 0.0 |
| 15°   | 389.0 | 242.8 | 119.9 | 0.0 |
| 12.5° | 392.0 | 245.7 | 119.9 | 0.0 |
| 10°   | 397.8 | 251.6 | 119.9 | 0.0 |
| 7.5°  | 403.7 | 251.6 | 119.9 | 0.0 |
| 5°    | 403.7 | 251.6 | 119.9 | 0.0 |
| 2.5°  | 403.7 | 251.6 | 119.9 | 0.0 |
| 0°    | 403.7 | 251.6 | 119.9 | 0.0 |

(END OF REPORT)