

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: P623905

Luminaire Tested: **IFLD-S-SA3C-735-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623905  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3C-735-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

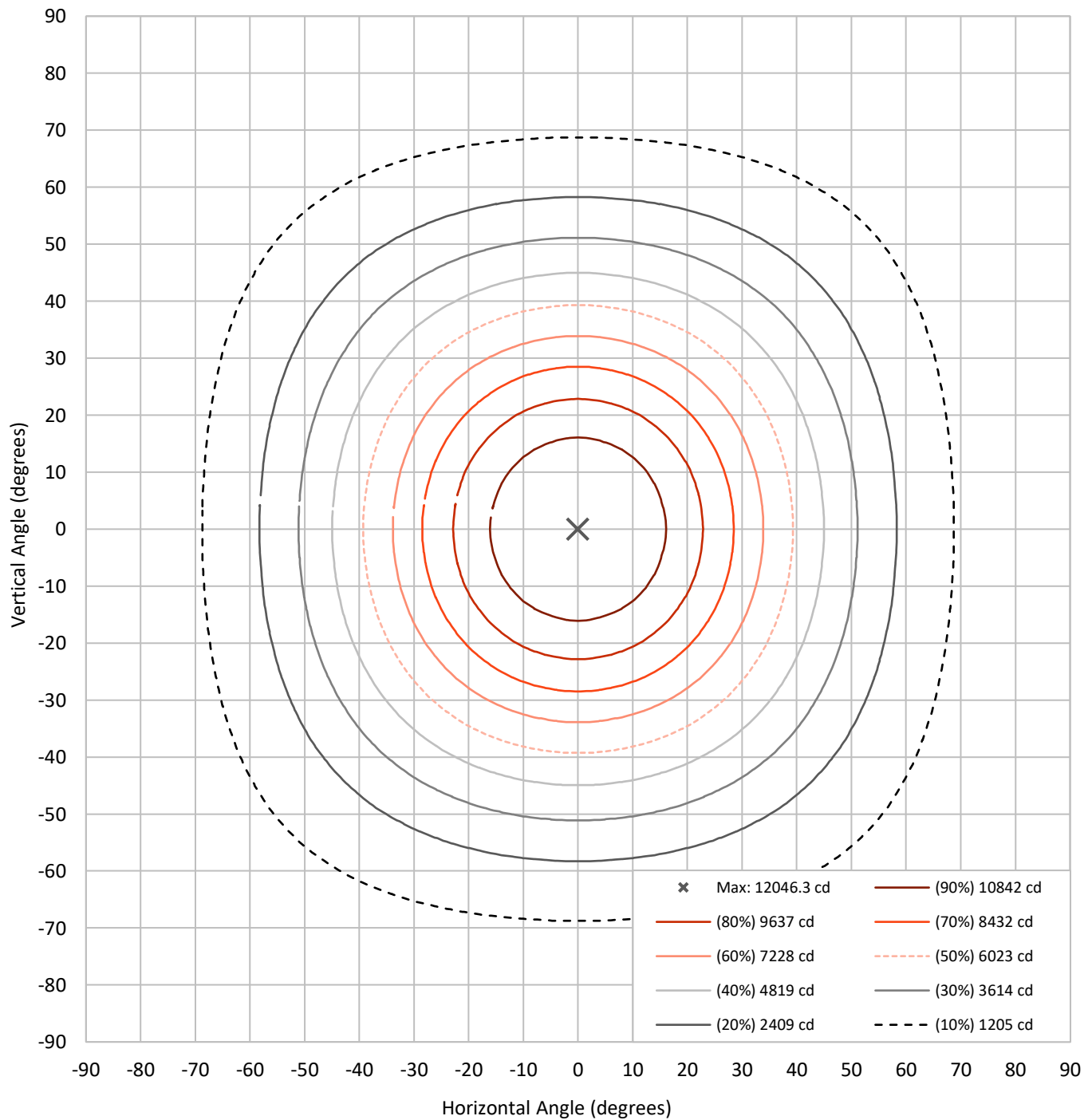
|                                   |                                        |                      |                   |
|-----------------------------------|----------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                    | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 21689.6 lumens                         | Max Intensity:       | 12046.3 candela   |
| Efficiency:                       | N/A                                    | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 134.9 lumens/watt                      |                      |                   |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 0.5' 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:                      | 9384.9 lumens                          | Field Lumens:        | 15367.4 lumens    |
| Beam Efficiency:                  | 43.3%                                  | Field Efficiency:    | 70.9%             |
| Input Watts (W):                  | 160.8                                  |                      |                   |
| 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: P623905

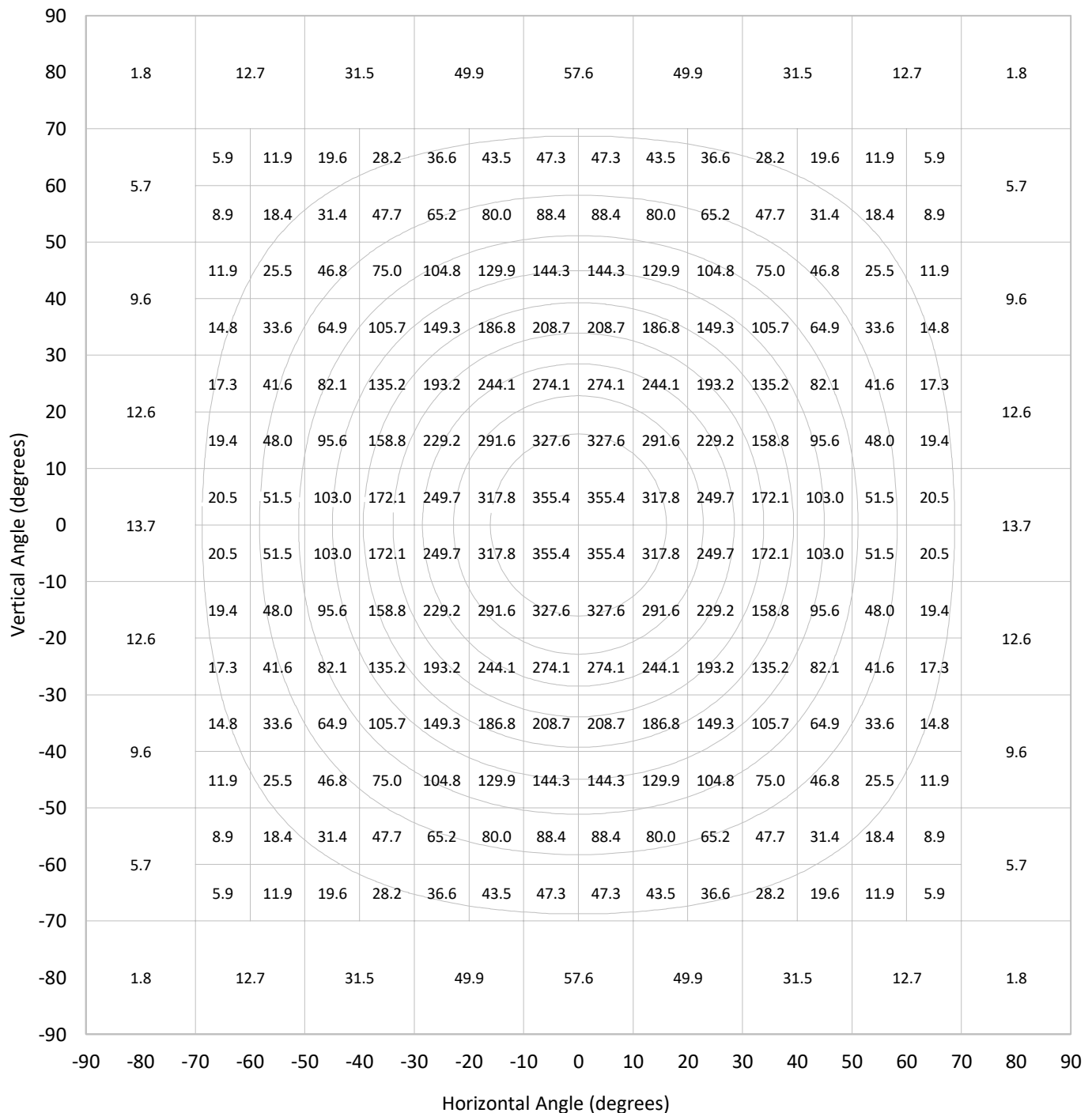
CATALOG NUMBER: IFLD-S-SA3C-735-U-77

## Iso-Candela Plot



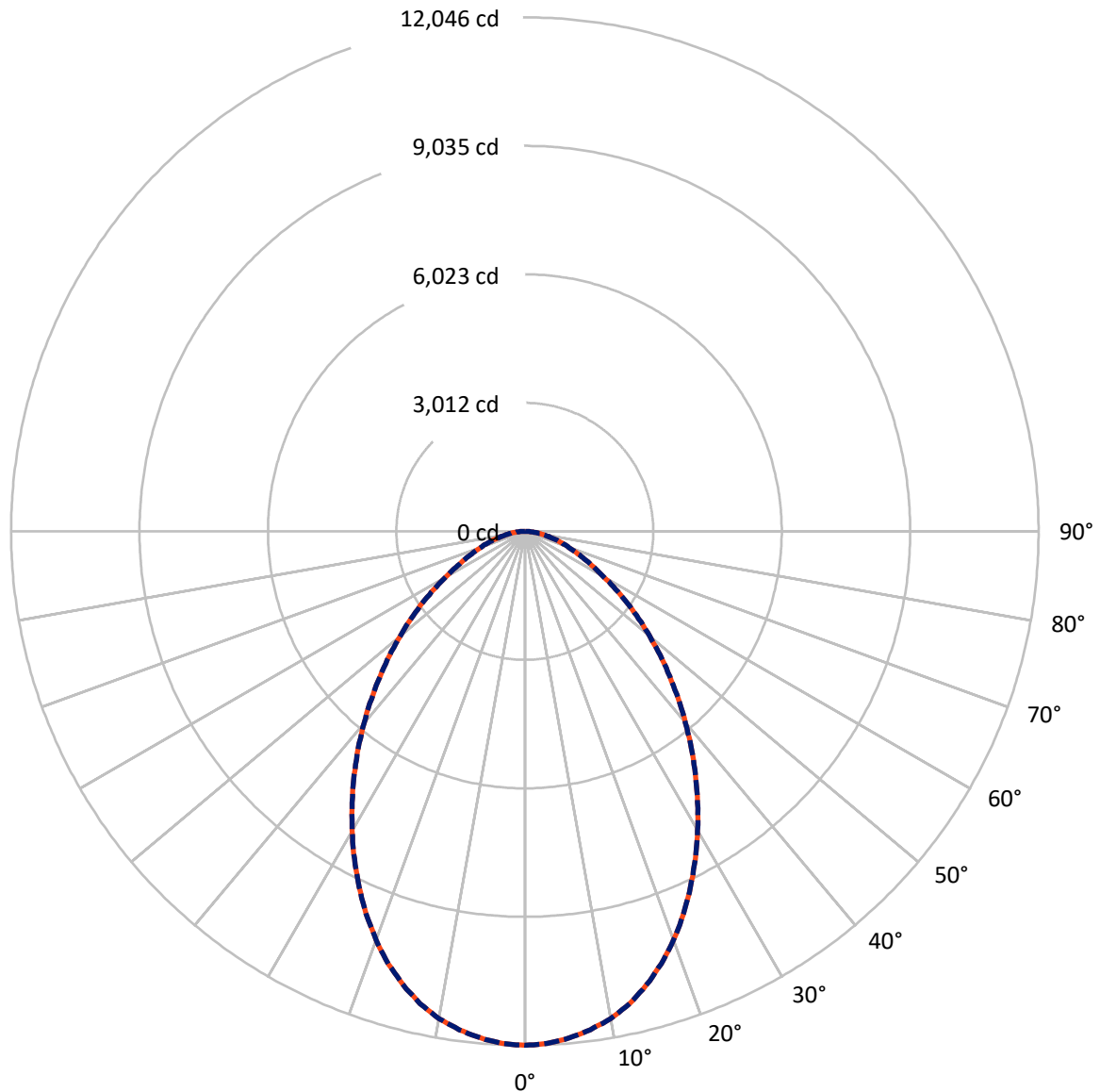
REPORT NUMBER: P623905  
CATALOG NUMBER: IFLD-S-SA3C-735-U-77

## Lumen Table



REPORT NUMBER: P623905  
CATALOG NUMBER: IFLD-S-SA3C-735-U-77

## Luminous Intensity Polar Plot

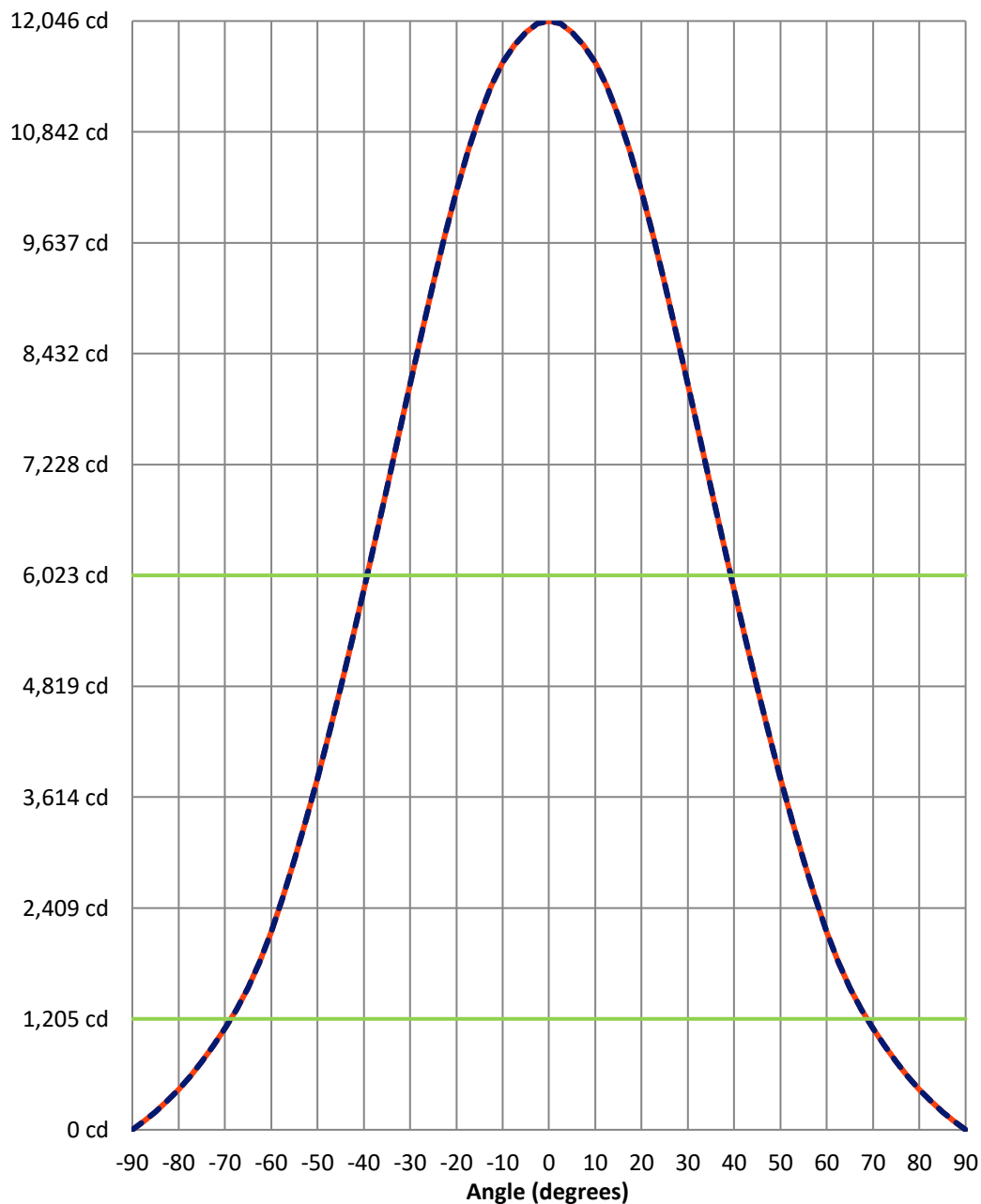


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P623905

CATALOG NUMBER: IFLD-S-SA3C-735-U-77

## Luminous Intensity Plot



**Beam:**

H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 9384.9  
Efficiency: 43.3%

**Field:**

H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 15367.4  
Efficiency: 70.9%

**Spill:**

Lumens: 6322.2  
Efficiency: 29.1%

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

REPORT NUMBER: P623905

CATALOG NUMBER: IFLD-S-SA3C-735-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° | 92.7    | 92.7    | 92.7    | 92.7    | 92.7    | 92.7    | 92.7    | 88.2    | 88.2    | 85.9   | 83.7   |
| 85°   | 194.5   | 194.5   | 194.5   | 194.5   | 194.5   | 190.0   | 187.7   | 185.4   | 183.2   | 178.6  | 176.4  |
| 82.5° | 312.1   | 312.1   | 312.1   | 312.1   | 307.5   | 303.0   | 300.8   | 296.2   | 291.7   | 284.9  | 278.1  |
| 80°   | 436.4   | 436.4   | 436.4   | 436.4   | 429.7   | 425.1   | 418.4   | 413.8   | 407.0   | 398.0  | 389.0  |
| 77.5° | 578.9   | 578.9   | 578.9   | 572.1   | 567.6   | 560.8   | 554.0   | 545.0   | 535.9   | 524.6  | 511.1  |
| 75°   | 739.5   | 739.5   | 739.5   | 730.4   | 723.6   | 716.9   | 705.5   | 694.2   | 680.7   | 664.8  | 646.8  |
| 72.5° | 913.6   | 913.6   | 913.6   | 902.3   | 895.5   | 884.2   | 870.6   | 854.8   | 839.0   | 818.6  | 796.0  |
| 70°   | 1101.3  | 1101.3  | 1101.3  | 1087.7  | 1076.4  | 1065.1  | 1047.0  | 1028.9  | 1006.3  | 983.7  | 956.6  |
| 67.5° | 1304.8  | 1304.8  | 1304.8  | 1289.0  | 1275.4  | 1259.6  | 1239.2  | 1216.6  | 1189.5  | 1157.8 | 1126.2 |
| 65°   | 1542.3  | 1542.3  | 1533.2  | 1519.6  | 1503.8  | 1481.2  | 1456.3  | 1424.7  | 1390.7  | 1350.0 | 1307.1 |
| 62.5° | 1822.7  | 1822.7  | 1809.1  | 1793.3  | 1772.9  | 1743.5  | 1709.6  | 1668.9  | 1621.4  | 1569.4 | 1517.4 |
| 60°   | 2148.3  | 2148.3  | 2132.5  | 2112.1  | 2082.7  | 2046.5  | 2001.3  | 1949.3  | 1890.5  | 1824.9 | 1761.6 |
| 57.5° | 2523.7  | 2523.7  | 2503.3  | 2476.2  | 2440.0  | 2394.8  | 2338.3  | 2272.7  | 2198.0  | 2116.6 | 2037.5 |
| 55°   | 2930.7  | 2930.7  | 2905.9  | 2874.2  | 2831.2  | 2777.0  | 2709.1  | 2632.2  | 2541.8  | 2449.1 | 2347.3 |
| 52.5° | 3362.7  | 3362.7  | 3333.3  | 3297.1  | 3247.3  | 3184.0  | 3107.1  | 3016.7  | 2912.6  | 2804.1 | 2684.2 |
| 50°   | 3817.2  | 3817.2  | 3783.3  | 3742.6  | 3686.0  | 3611.4  | 3523.2  | 3419.2  | 3303.9  | 3177.2 | 3039.3 |
| 47.5° | 4303.4  | 4303.4  | 4264.9  | 4217.5  | 4149.6  | 4063.7  | 3959.7  | 3839.8  | 3708.6  | 3566.2 | 3410.1 |
| 45°   | 4803.1  | 4803.1  | 4760.2  | 4705.9  | 4631.3  | 4534.0  | 4418.7  | 4303.4  | 4136.0  | 3971.0 | 3790.1 |
| 42.5° | 5323.3  | 5323.3  | 5273.5  | 5212.5  | 5126.5  | 5020.2  | 4889.1  | 4739.8  | 4574.7  | 4389.3 | 4192.6 |
| 40°   | 5863.7  | 5863.7  | 5807.2  | 5737.1  | 5642.1  | 5520.0  | 5373.0  | 5205.7  | 5020.2  | 4814.5 | 4597.4 |
| 37.5° | 6415.5  | 6415.5  | 6352.2  | 6275.3  | 6169.0  | 6033.3  | 5868.2  | 5682.8  | 5474.8  | 5246.4 | 5006.7 |
| 35°   | 6971.8  | 6971.8  | 6901.7  | 6818.0  | 6700.4  | 6551.2  | 6372.5  | 6166.8  | 5936.1  | 5687.3 | 5418.2 |
| 32.5° | 7539.4  | 7539.4  | 7462.5  | 7367.5  | 7234.1  | 7069.0  | 6872.3  | 6648.4  | 6415.5  | 6126.0 | 5832.1 |
| 30°   | 8100.2  | 8100.2  | 8016.5  | 7912.5  | 7770.1  | 7589.2  | 7374.3  | 7127.8  | 6854.2  | 6558.0 | 6241.4 |
| 27.5° | 8652.0  | 8629.4  | 8559.3  | 8448.5  | 8292.4  | 8100.2  | 7867.3  | 7600.5  | 7304.2  | 6978.6 | 6639.4 |
| 25°   | 9194.7  | 9169.8  | 9093.0  | 8970.8  | 8803.5  | 8593.2  | 8342.2  | 8057.3  | 7738.4  | 7394.7 | 7023.8 |
| 22.5° | 9714.8  | 9687.7  | 9606.3  | 9475.1  | 9296.5  | 9068.1  | 8799.0  | 8493.7  | 8154.5  | 7785.9 | 7394.7 |
| 20°   | 10196.5 | 10167.1 | 10083.4 | 9945.5  | 9760.1  | 9518.1  | 9233.2  | 8905.3  | 8543.4  | 8154.5 | 7738.4 |
| 17.5° | 10630.7 | 10601.3 | 10513.1 | 10370.6 | 10196.5 | 9927.4  | 9633.4  | 9287.4  | 8905.3  | 8493.7 | 8057.3 |
| 15°   | 11012.9 | 10981.2 | 10890.7 | 10748.3 | 10549.3 | 10296.0 | 9986.2  | 9633.4  | 9233.2  | 8799.0 | 8342.2 |
| 12.5° | 11338.5 | 11306.8 | 11214.1 | 11071.7 | 10865.9 | 10612.6 | 10296.0 | 9927.4  | 9518.1  | 9068.1 | 8593.2 |
| 10°   | 11596.3 | 11564.6 | 11476.4 | 11340.8 | 11128.2 | 10865.9 | 10549.3 | 10196.5 | 9760.1  | 9296.5 | 8803.5 |
| 7.5°  | 11781.7 | 11752.3 | 11670.9 | 11535.2 | 11340.8 | 11071.7 | 10748.3 | 10370.6 | 9945.5  | 9475.1 | 8970.8 |
| 5°    | 11921.9 | 11888.0 | 11806.6 | 11670.9 | 11476.4 | 11214.1 | 10890.7 | 10513.1 | 10083.4 | 9606.3 | 9093.0 |
| 2.5°  | 12019.2 | 11978.5 | 11888.0 | 11752.3 | 11564.6 | 11306.8 | 10981.2 | 10601.3 | 10167.1 | 9687.7 | 9169.8 |
| 0°    | 12046.3 | 12019.2 | 11921.9 | 11781.7 | 11596.3 | 11338.5 | 11012.9 | 10630.7 | 10196.5 | 9714.8 | 9194.7 |

REPORT NUMBER: P623905

CATALOG NUMBER: IFLD-S-SA3C-735-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° | 81.4   | 81.4   | 79.1   | 76.9   | 74.6   | 70.1   | 67.8   | 65.6   | 63.3   | 58.8   | 56.5   |
| 85°   | 171.9  | 167.3  | 162.8  | 158.3  | 151.5  | 147.0  | 140.2  | 135.7  | 128.9  | 122.1  | 115.3  |
| 82.5° | 271.4  | 264.6  | 255.5  | 248.8  | 239.7  | 228.4  | 219.4  | 208.0  | 196.7  | 187.7  | 176.4  |
| 80°   | 379.9  | 368.6  | 357.3  | 346.0  | 332.4  | 318.9  | 305.3  | 291.7  | 275.9  | 260.1  | 244.2  |
| 77.5° | 497.5  | 481.7  | 465.8  | 447.8  | 431.9  | 413.8  | 395.7  | 377.6  | 357.3  | 336.9  | 316.6  |
| 75°   | 628.7  | 608.3  | 585.7  | 563.1  | 542.7  | 517.9  | 493.0  | 468.1  | 441.0  | 416.1  | 389.0  |
| 72.5° | 771.1  | 746.3  | 719.1  | 692.0  | 662.6  | 630.9  | 599.3  | 565.3  | 533.7  | 502.0  | 468.1  |
| 70°   | 924.9  | 895.5  | 861.6  | 827.7  | 791.5  | 753.0  | 714.6  | 673.9  | 633.2  | 592.5  | 551.8  |
| 67.5° | 1090.0 | 1053.8 | 1013.1 | 972.4  | 927.2  | 881.9  | 836.7  | 789.2  | 739.5  | 689.7  | 642.2  |
| 65°   | 1266.4 | 1221.1 | 1173.6 | 1121.6 | 1069.6 | 1017.6 | 963.3  | 906.8  | 850.3  | 791.5  | 739.5  |
| 62.5° | 1463.1 | 1406.6 | 1345.5 | 1282.2 | 1223.4 | 1160.1 | 1101.3 | 1031.2 | 963.3  | 897.8  | 832.2  |
| 60°   | 1691.5 | 1616.9 | 1542.3 | 1463.1 | 1388.5 | 1307.1 | 1234.7 | 1157.8 | 1080.9 | 1006.3 | 929.4  |
| 57.5° | 1947.0 | 1852.1 | 1761.6 | 1666.6 | 1567.1 | 1476.7 | 1384.0 | 1291.2 | 1205.3 | 1117.1 | 1033.4 |
| 55°   | 2236.5 | 2121.2 | 2008.1 | 1890.5 | 1775.2 | 1662.1 | 1544.5 | 1440.5 | 1334.2 | 1234.7 | 1137.5 |
| 52.5° | 2553.1 | 2421.9 | 2281.7 | 2148.3 | 2001.3 | 1861.1 | 1729.9 | 1598.8 | 1474.4 | 1354.6 | 1243.8 |
| 50°   | 2892.3 | 2738.5 | 2578.0 | 2415.1 | 2247.8 | 2082.7 | 1924.4 | 1770.7 | 1625.9 | 1485.7 | 1354.6 |
| 47.5° | 3245.1 | 3070.9 | 2887.8 | 2702.3 | 2523.7 | 2322.4 | 2132.5 | 1958.3 | 1784.2 | 1625.9 | 1474.4 |
| 45°   | 3606.9 | 3410.1 | 3208.9 | 2998.6 | 2788.3 | 2571.2 | 2360.9 | 2148.3 | 1958.3 | 1770.7 | 1598.8 |
| 42.5° | 3980.0 | 3758.4 | 3534.5 | 3301.6 | 3068.7 | 2831.2 | 2593.8 | 2360.9 | 2132.5 | 1924.4 | 1729.9 |
| 40°   | 4364.4 | 4120.2 | 3864.7 | 3611.4 | 3362.7 | 3091.3 | 2831.2 | 2571.2 | 2322.4 | 2082.7 | 1861.1 |
| 37.5° | 4748.9 | 4482.0 | 4206.1 | 3921.2 | 3636.3 | 3362.7 | 3068.7 | 2788.3 | 2523.7 | 2247.8 | 2001.3 |
| 35°   | 5135.6 | 4841.6 | 4543.1 | 4233.3 | 3921.2 | 3611.4 | 3301.6 | 2998.6 | 2702.3 | 2415.1 | 2148.3 |
| 32.5° | 5524.5 | 5203.4 | 4873.2 | 4543.1 | 4206.1 | 3864.7 | 3534.5 | 3208.9 | 2887.8 | 2578.0 | 2281.7 |
| 30°   | 5906.7 | 5558.4 | 5203.4 | 4841.6 | 4482.0 | 4120.2 | 3758.4 | 3410.1 | 3070.9 | 2738.5 | 2421.9 |
| 27.5° | 6279.8 | 5906.7 | 5524.5 | 5135.6 | 4748.9 | 4364.4 | 3980.0 | 3606.9 | 3245.1 | 2892.3 | 2553.1 |
| 25°   | 6639.4 | 6241.4 | 5832.1 | 5418.2 | 5006.7 | 4597.4 | 4192.6 | 3790.1 | 3410.1 | 3039.3 | 2684.2 |
| 22.5° | 6978.6 | 6558.0 | 6126.0 | 5687.3 | 5246.4 | 4814.5 | 4389.3 | 3971.0 | 3566.2 | 3177.2 | 2804.1 |
| 20°   | 7304.2 | 6854.2 | 6415.5 | 5936.1 | 5474.8 | 5020.2 | 4574.7 | 4136.0 | 3708.6 | 3303.9 | 2912.6 |
| 17.5° | 7600.5 | 7127.8 | 6648.4 | 6166.8 | 5682.8 | 5205.7 | 4739.8 | 4303.4 | 3839.8 | 3419.2 | 3016.7 |
| 15°   | 7867.3 | 7374.3 | 6872.3 | 6372.5 | 5868.2 | 5373.0 | 4889.1 | 4418.7 | 3959.7 | 3523.2 | 3107.1 |
| 12.5° | 8100.2 | 7589.2 | 7069.0 | 6551.2 | 6033.3 | 5520.0 | 5020.2 | 4534.0 | 4063.7 | 3611.4 | 3184.0 |
| 10°   | 8292.4 | 7770.1 | 7234.1 | 6700.4 | 6169.0 | 5642.1 | 5126.5 | 4631.3 | 4149.6 | 3686.0 | 3247.3 |
| 7.5°  | 8448.5 | 7912.5 | 7367.5 | 6818.0 | 6275.3 | 5737.1 | 5212.5 | 4705.9 | 4217.5 | 3742.6 | 3297.1 |
| 5°    | 8559.3 | 8016.5 | 7462.5 | 6901.7 | 6352.2 | 5807.2 | 5273.5 | 4760.2 | 4264.9 | 3783.3 | 3333.3 |
| 2.5°  | 8629.4 | 8100.2 | 7539.4 | 6971.8 | 6415.5 | 5863.7 | 5323.3 | 4803.1 | 4303.4 | 3817.2 | 3362.7 |
| 0°    | 8652.0 | 8100.2 | 7539.4 | 6971.8 | 6415.5 | 5863.7 | 5323.3 | 4803.1 | 4303.4 | 3817.2 | 3362.7 |



REPORT NUMBER: P623905

CATALOG NUMBER: IFLD-S-SA3C-735-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° | 54.3   | 49.8   | 45.2   | 43.0   | 38.4   | 36.2   | 31.7   | 27.1  | 24.9  | 20.4  | 15.8  |
| 85°   | 108.5  | 99.5   | 92.7   | 85.9   | 79.1   | 70.1   | 63.3   | 56.5  | 47.5  | 40.7  | 31.7  |
| 82.5° | 165.1  | 153.8  | 142.5  | 131.2  | 119.9  | 108.5  | 95.0   | 83.7  | 72.4  | 61.1  | 47.5  |
| 80°   | 228.4  | 210.3  | 194.5  | 178.6  | 162.8  | 147.0  | 128.9  | 113.1 | 95.0  | 79.1  | 63.3  |
| 77.5° | 294.0  | 273.6  | 251.0  | 228.4  | 205.8  | 185.4  | 162.8  | 142.5 | 122.1 | 99.5  | 79.1  |
| 75°   | 364.1  | 336.9  | 312.1  | 282.7  | 255.5  | 226.1  | 199.0  | 171.9 | 147.0 | 122.1 | 95.0  |
| 72.5° | 436.4  | 402.5  | 368.6  | 336.9  | 303.0  | 269.1  | 237.4  | 203.5 | 171.9 | 142.5 | 113.1 |
| 70°   | 511.1  | 470.4  | 429.7  | 391.2  | 352.8  | 312.1  | 275.9  | 237.4 | 199.0 | 162.8 | 128.9 |
| 67.5° | 590.2  | 542.7  | 495.2  | 445.5  | 402.5  | 357.3  | 312.1  | 269.1 | 226.1 | 185.4 | 147.0 |
| 65°   | 676.1  | 619.6  | 560.8  | 508.8  | 452.3  | 402.5  | 352.8  | 303.0 | 255.5 | 205.8 | 162.8 |
| 62.5° | 764.3  | 698.8  | 633.2  | 567.6  | 508.8  | 445.5  | 391.2  | 336.9 | 282.7 | 228.4 | 178.6 |
| 60°   | 854.8  | 780.2  | 705.5  | 633.2  | 560.8  | 495.2  | 429.7  | 368.6 | 312.1 | 251.0 | 194.5 |
| 57.5° | 947.5  | 863.8  | 780.2  | 698.8  | 619.6  | 542.7  | 470.4  | 402.5 | 336.9 | 273.6 | 210.3 |
| 55°   | 1042.5 | 947.5  | 854.8  | 764.3  | 676.1  | 590.2  | 511.1  | 436.4 | 364.1 | 294.0 | 228.4 |
| 52.5° | 1137.5 | 1033.4 | 929.4  | 832.2  | 739.5  | 642.2  | 551.8  | 468.1 | 389.0 | 316.6 | 244.2 |
| 50°   | 1234.7 | 1117.1 | 1006.3 | 897.8  | 791.5  | 689.7  | 592.5  | 502.0 | 416.1 | 336.9 | 260.1 |
| 47.5° | 1334.2 | 1205.3 | 1080.9 | 963.3  | 850.3  | 739.5  | 633.2  | 533.7 | 441.0 | 357.3 | 275.9 |
| 45°   | 1440.5 | 1291.2 | 1157.8 | 1031.2 | 906.8  | 789.2  | 673.9  | 565.3 | 468.1 | 377.6 | 291.7 |
| 42.5° | 1544.5 | 1384.0 | 1234.7 | 1101.3 | 963.3  | 836.7  | 714.6  | 599.3 | 493.0 | 395.7 | 305.3 |
| 40°   | 1662.1 | 1476.7 | 1307.1 | 1160.1 | 1017.6 | 881.9  | 753.0  | 630.9 | 517.9 | 413.8 | 318.9 |
| 37.5° | 1775.2 | 1567.1 | 1388.5 | 1223.4 | 1069.6 | 927.2  | 791.5  | 662.6 | 542.7 | 431.9 | 332.4 |
| 35°   | 1890.5 | 1666.6 | 1463.1 | 1282.2 | 1121.6 | 972.4  | 827.7  | 692.0 | 563.1 | 447.8 | 346.0 |
| 32.5° | 2008.1 | 1761.6 | 1542.3 | 1345.5 | 1173.6 | 1013.1 | 861.6  | 719.1 | 585.7 | 465.8 | 357.3 |
| 30°   | 2121.2 | 1852.1 | 1616.9 | 1406.6 | 1221.1 | 1053.8 | 895.5  | 746.3 | 608.3 | 481.7 | 368.6 |
| 27.5° | 2236.5 | 1947.0 | 1691.5 | 1463.1 | 1266.4 | 1090.0 | 924.9  | 771.1 | 628.7 | 497.5 | 379.9 |
| 25°   | 2347.3 | 2037.5 | 1761.6 | 1517.4 | 1307.1 | 1126.2 | 956.6  | 796.0 | 646.8 | 511.1 | 389.0 |
| 22.5° | 2449.1 | 2116.6 | 1824.9 | 1569.4 | 1350.0 | 1157.8 | 983.7  | 818.6 | 664.8 | 524.6 | 398.0 |
| 20°   | 2541.8 | 2198.0 | 1890.5 | 1621.4 | 1390.7 | 1189.5 | 1006.3 | 839.0 | 680.7 | 535.9 | 407.0 |
| 17.5° | 2632.2 | 2272.7 | 1949.3 | 1668.9 | 1424.7 | 1216.6 | 1028.9 | 854.8 | 694.2 | 545.0 | 413.8 |
| 15°   | 2709.1 | 2338.3 | 2001.3 | 1709.6 | 1456.3 | 1239.2 | 1047.0 | 870.6 | 705.5 | 554.0 | 418.4 |
| 12.5° | 2777.0 | 2394.8 | 2046.5 | 1743.5 | 1481.2 | 1259.6 | 1065.1 | 884.2 | 716.9 | 560.8 | 425.1 |
| 10°   | 2831.2 | 2440.0 | 2082.7 | 1772.9 | 1503.8 | 1275.4 | 1076.4 | 895.5 | 723.6 | 567.6 | 429.7 |
| 7.5°  | 2874.2 | 2476.2 | 2112.1 | 1793.3 | 1519.6 | 1289.0 | 1087.7 | 902.3 | 730.4 | 572.1 | 436.4 |
| 5°    | 2905.9 | 2503.3 | 2132.5 | 1809.1 | 1533.2 | 1304.8 | 1101.3 | 913.6 | 739.5 | 578.9 | 436.4 |
| 2.5°  | 2930.7 | 2523.7 | 2148.3 | 1822.7 | 1542.3 | 1304.8 | 1101.3 | 913.6 | 739.5 | 578.9 | 436.4 |
| 0°    | 2930.7 | 2523.7 | 2148.3 | 1822.7 | 1542.3 | 1304.8 | 1101.3 | 913.6 | 739.5 | 578.9 | 436.4 |

REPORT NUMBER: P623905

CATALOG NUMBER: IFLD-S-SA3C-735-U-77

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 11.3  | 9.0   | 4.5   | 0.0 |
| 85°   | 24.9  | 15.8  | 9.0   | 0.0 |
| 82.5° | 36.2  | 24.9  | 11.3  | 0.0 |
| 80°   | 47.5  | 31.7  | 15.8  | 0.0 |
| 77.5° | 61.1  | 40.7  | 20.4  | 0.0 |
| 75°   | 72.4  | 47.5  | 24.9  | 0.0 |
| 72.5° | 83.7  | 56.5  | 27.1  | 0.0 |
| 70°   | 95.0  | 63.3  | 31.7  | 0.0 |
| 67.5° | 108.5 | 70.1  | 36.2  | 0.0 |
| 65°   | 119.9 | 79.1  | 38.4  | 0.0 |
| 62.5° | 131.2 | 85.9  | 43.0  | 0.0 |
| 60°   | 142.5 | 92.7  | 45.2  | 0.0 |
| 57.5° | 153.8 | 99.5  | 49.8  | 0.0 |
| 55°   | 165.1 | 108.5 | 54.3  | 0.0 |
| 52.5° | 176.4 | 115.3 | 56.5  | 0.0 |
| 50°   | 187.7 | 122.1 | 58.8  | 0.0 |
| 47.5° | 196.7 | 128.9 | 63.3  | 0.0 |
| 45°   | 208.0 | 135.7 | 65.6  | 0.0 |
| 42.5° | 219.4 | 140.2 | 67.8  | 0.0 |
| 40°   | 228.4 | 147.0 | 70.1  | 0.0 |
| 37.5° | 239.7 | 151.5 | 74.6  | 0.0 |
| 35°   | 248.8 | 158.3 | 76.9  | 0.0 |
| 32.5° | 255.5 | 162.8 | 79.1  | 0.0 |
| 30°   | 264.6 | 167.3 | 81.4  | 0.0 |
| 27.5° | 271.4 | 171.9 | 81.4  | 0.0 |
| 25°   | 278.1 | 176.4 | 83.7  | 0.0 |
| 22.5° | 284.9 | 178.6 | 85.9  | 0.0 |
| 20°   | 291.7 | 183.2 | 88.2  | 0.0 |
| 17.5° | 296.2 | 185.4 | 88.2  | 0.0 |
| 15°   | 300.8 | 187.7 | 92.7  | 0.0 |
| 12.5° | 303.0 | 190.0 | 92.7  | 0.0 |
| 10°   | 307.5 | 194.5 | 92.7  | 0.0 |
| 7.5°  | 312.1 | 194.5 | 92.7  | 0.0 |
| 5°    | 312.1 | 194.5 | 92.7  | 0.0 |
| 2.5°  | 312.1 | 194.5 | 92.7  | 0.0 |
| 0°    | 312.1 | 194.5 | 92.7  | 0.0 |

(END OF REPORT)