

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: P624603

Luminaire Tested: **IFLD-L-SA7B-940-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P624603  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7B-940-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (112) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                    |                      |                   |
|-------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens: | 26716 lumens                       | Max Intensity:       | 14837.9 candela   |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:         | 95.1 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:      | 11559.8 lumens                     | Field Lumens:        | 18928.7 lumens    |
| Beam Efficiency:  | 43.3%                              | Field Efficiency:    | 70.9%             |

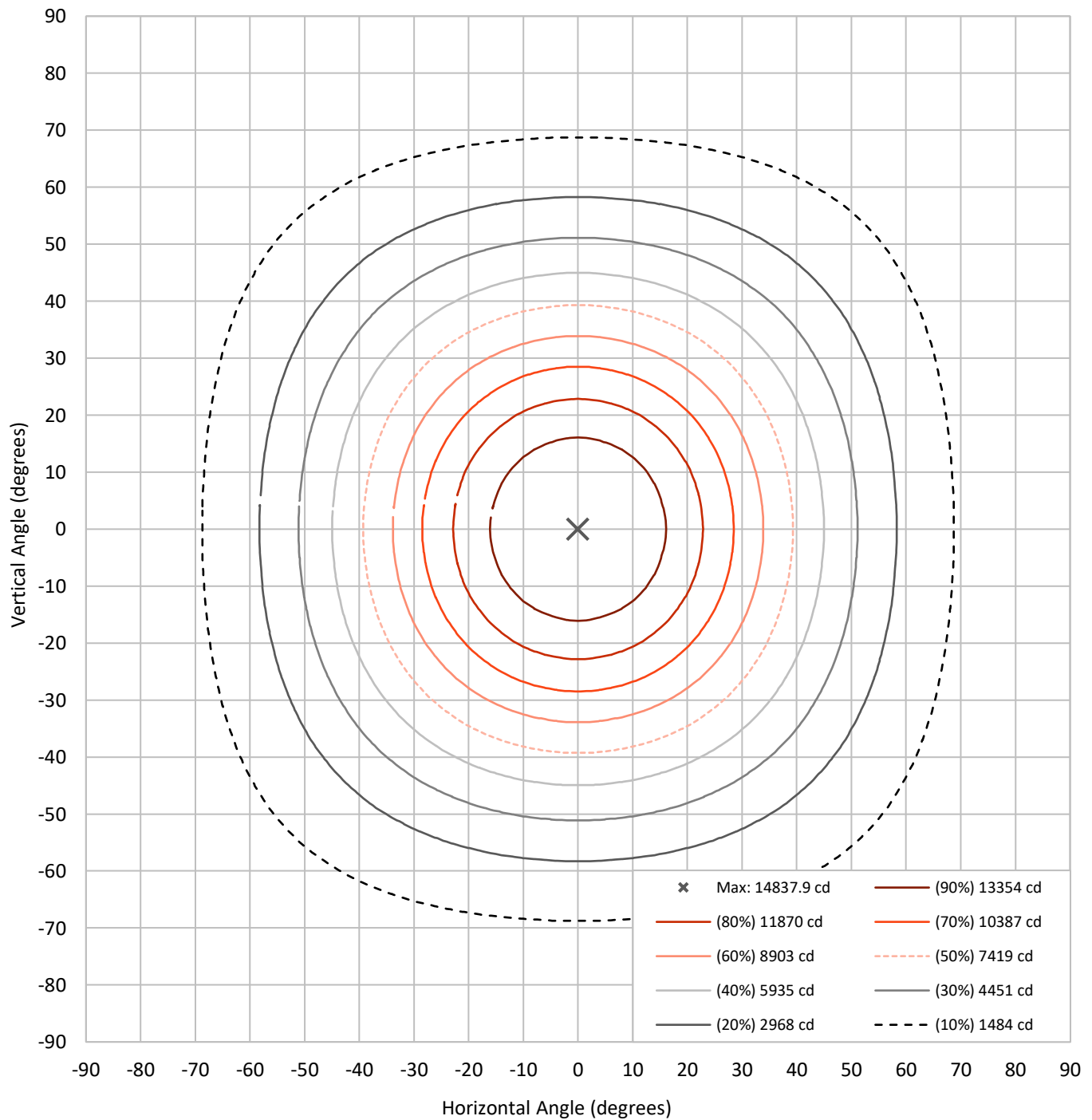
Input Watts (W): 281  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P624603

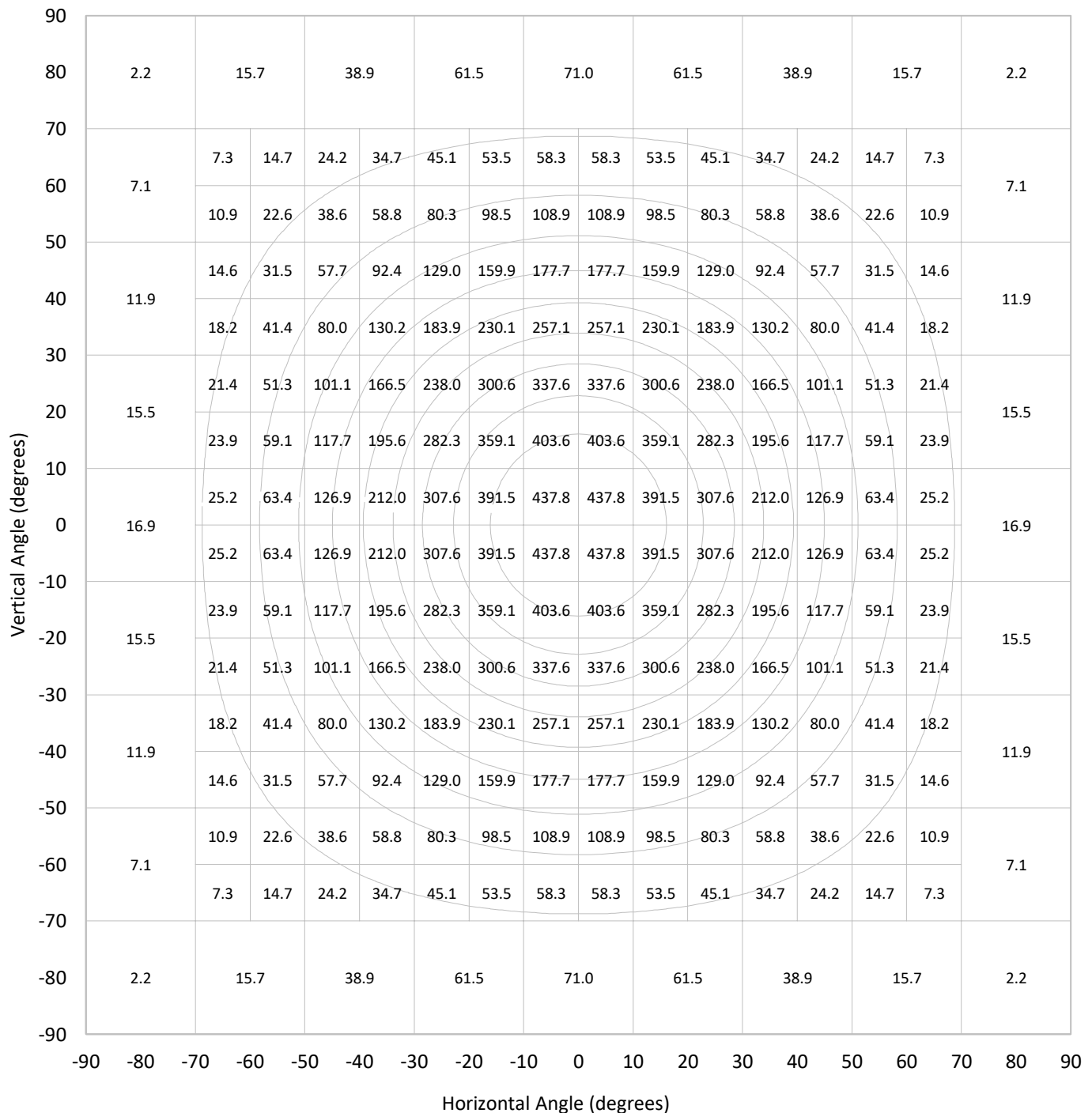
CATALOG NUMBER: IFLD-L-SA7B-940-U-77

## Iso-Candela Plot



REPORT NUMBER: P624603  
CATALOG NUMBER: IFLD-L-SA7B-940-U-77

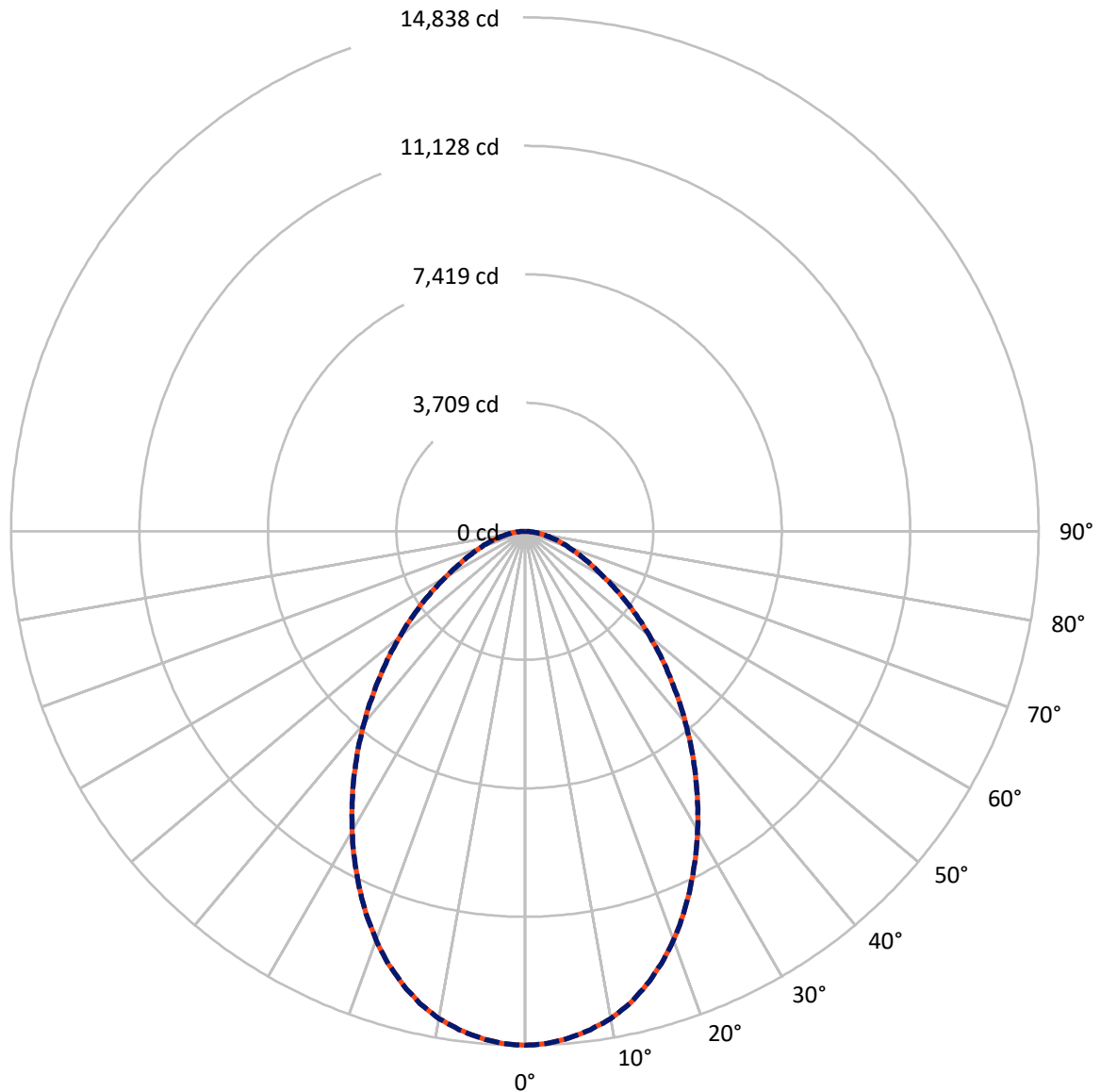
## Lumen Table



REPORT NUMBER: P624603

CATALOG NUMBER: IFLD-L-SA7B-940-U-77

## Luminous Intensity Polar Plot

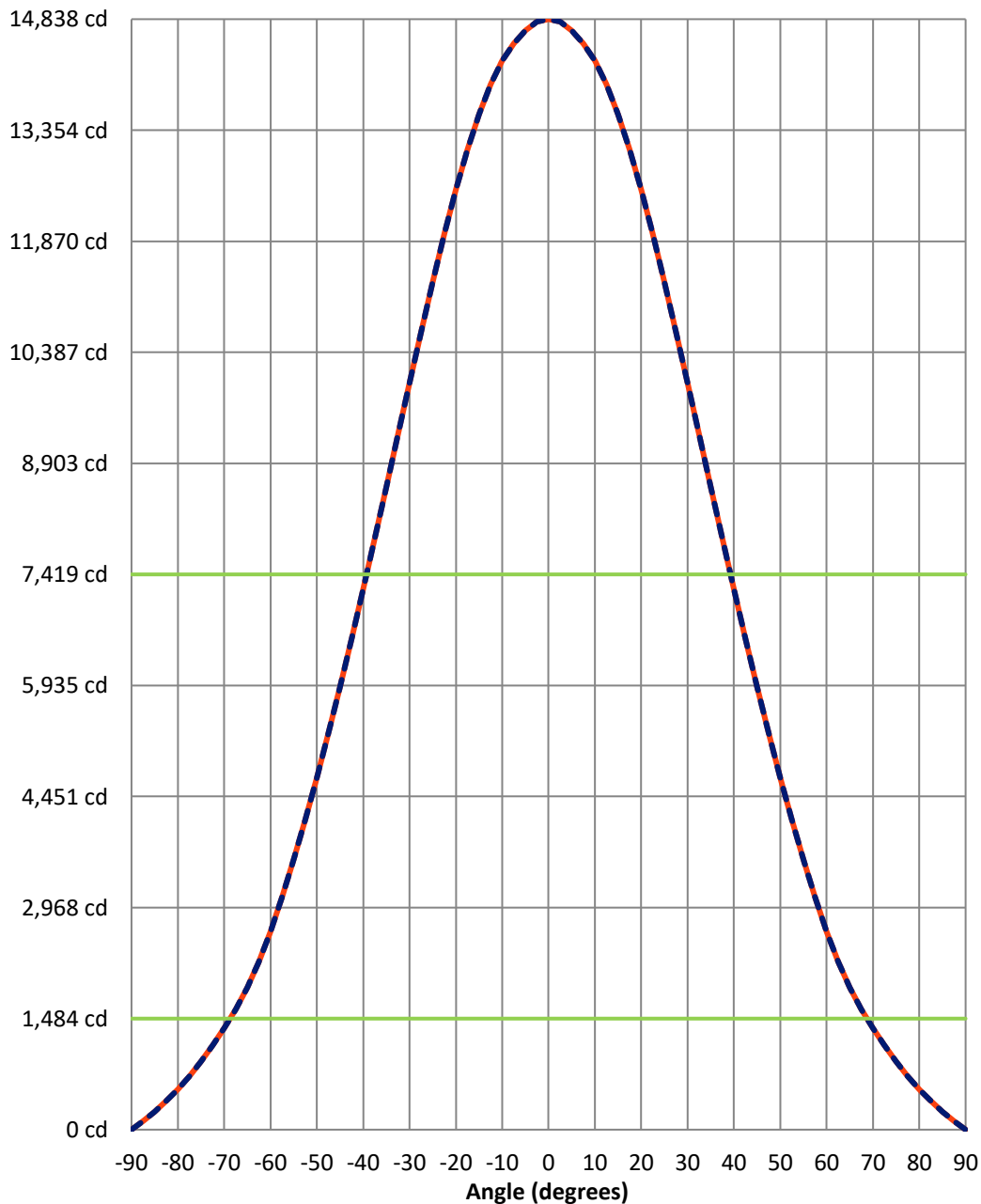


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P624603

CATALOG NUMBER: IFLD-L-SA7B-940-U-77

## Luminous Intensity Plot



**Beam:**

H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 11559.8  
Efficiency: 43.3%

**Field:**

H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 18928.7  
Efficiency: 70.9%

**Spill:**

Lumens: 7787.3  
Efficiency: 29.1%

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

REPORT NUMBER: P624603

CATALOG NUMBER: IFLD-L-SA7B-940-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° | 114.2   | 114.2   | 114.2   | 114.2   | 114.2   | 114.2   | 114.2   | 108.6   | 108.6   | 105.8   | 103.1   |
| 85°   | 239.5   | 239.5   | 239.5   | 239.5   | 239.5   | 234.0   | 231.2   | 228.4   | 225.6   | 220.0   | 217.3   |
| 82.5° | 384.4   | 384.4   | 384.4   | 384.4   | 378.8   | 373.2   | 370.5   | 364.9   | 359.3   | 351.0   | 342.6   |
| 80°   | 537.6   | 537.6   | 537.6   | 537.6   | 529.2   | 523.7   | 515.3   | 509.7   | 501.4   | 490.2   | 479.1   |
| 77.5° | 713.1   | 713.1   | 713.1   | 704.7   | 699.1   | 690.8   | 682.4   | 671.3   | 660.1   | 646.2   | 629.5   |
| 75°   | 910.8   | 910.8   | 910.8   | 899.7   | 891.3   | 883.0   | 869.1   | 855.1   | 838.4   | 818.9   | 796.6   |
| 72.5° | 1125.3  | 1125.3  | 1125.3  | 1111.4  | 1103.0  | 1089.1  | 1072.4  | 1052.9  | 1033.4  | 1008.3  | 980.5   |
| 70°   | 1356.5  | 1356.5  | 1356.5  | 1339.8  | 1325.9  | 1311.9  | 1289.7  | 1267.4  | 1239.5  | 1211.7  | 1178.2  |
| 67.5° | 1607.2  | 1607.2  | 1607.2  | 1587.7  | 1571.0  | 1551.5  | 1526.4  | 1498.6  | 1465.1  | 1426.1  | 1387.1  |
| 65°   | 1899.7  | 1899.7  | 1888.5  | 1871.8  | 1852.3  | 1824.5  | 1793.8  | 1754.8  | 1713.0  | 1662.9  | 1610.0  |
| 62.5° | 2245.0  | 2245.0  | 2228.3  | 2208.8  | 2183.8  | 2147.6  | 2105.8  | 2055.6  | 1997.1  | 1933.1  | 1869.0  |
| 60°   | 2646.2  | 2646.2  | 2626.7  | 2601.6  | 2565.4  | 2520.8  | 2465.1  | 2401.0  | 2328.6  | 2247.8  | 2169.8  |
| 57.5° | 3108.5  | 3108.5  | 3083.5  | 3050.0  | 3005.5  | 2949.8  | 2880.1  | 2799.3  | 2707.4  | 2607.2  | 2509.7  |
| 55°   | 3609.9  | 3609.9  | 3579.3  | 3540.3  | 3487.3  | 3420.5  | 3336.9  | 3242.2  | 3130.8  | 3016.6  | 2891.3  |
| 52.5° | 4141.9  | 4141.9  | 4105.7  | 4061.1  | 3999.9  | 3921.9  | 3827.2  | 3715.8  | 3587.6  | 3453.9  | 3306.3  |
| 50°   | 4701.8  | 4701.8  | 4660.0  | 4609.9  | 4540.2  | 4448.3  | 4339.7  | 4211.6  | 4069.5  | 3913.5  | 3743.6  |
| 47.5° | 5300.7  | 5300.7  | 5253.3  | 5194.8  | 5111.2  | 5005.4  | 4877.3  | 4729.6  | 4568.1  | 4392.6  | 4200.4  |
| 45°   | 5916.2  | 5916.2  | 5863.3  | 5796.5  | 5704.5  | 5584.8  | 5442.7  | 5300.7  | 5094.5  | 4891.2  | 4668.4  |
| 42.5° | 6556.9  | 6556.9  | 6495.6  | 6420.4  | 6314.6  | 6183.6  | 6022.1  | 5838.2  | 5634.9  | 5406.5  | 5164.2  |
| 40°   | 7222.6  | 7222.6  | 7153.0  | 7066.6  | 6949.6  | 6799.2  | 6618.2  | 6412.0  | 6183.6  | 5930.2  | 5662.8  |
| 37.5° | 7902.2  | 7902.2  | 7824.2  | 7729.5  | 7598.6  | 7431.5  | 7228.2  | 6999.8  | 6743.5  | 6462.2  | 6166.9  |
| 35°   | 8587.5  | 8587.5  | 8501.1  | 8398.0  | 8253.2  | 8069.4  | 7849.3  | 7595.8  | 7311.7  | 7005.3  | 6673.9  |
| 32.5° | 9286.6  | 9286.6  | 9191.9  | 9074.9  | 8910.6  | 8707.2  | 8464.9  | 8189.1  | 7902.2  | 7545.7  | 7183.6  |
| 30°   | 9977.4  | 9977.4  | 9874.3  | 9746.2  | 9570.7  | 9347.9  | 9083.3  | 8779.6  | 8442.6  | 8077.7  | 7687.8  |
| 27.5° | 10657.0 | 10629.2 | 10542.8 | 10406.3 | 10214.1 | 9977.4  | 9690.5  | 9361.8  | 8996.9  | 8595.8  | 8178.0  |
| 25°   | 11325.5 | 11294.9 | 11200.2 | 11049.8 | 10843.6 | 10584.6 | 10275.4 | 9924.5  | 9531.7  | 9108.3  | 8651.5  |
| 22.5° | 11966.2 | 11932.7 | 11832.5 | 11670.9 | 11450.9 | 11169.5 | 10838.1 | 10462.0 | 10044.2 | 9590.2  | 9108.3  |
| 20°   | 12559.5 | 12523.3 | 12420.2 | 12250.3 | 12021.9 | 11723.8 | 11372.9 | 10969.0 | 10523.3 | 10044.2 | 9531.7  |
| 17.5° | 13094.3 | 13058.1 | 12949.4 | 12773.9 | 12559.5 | 12228.0 | 11865.9 | 11439.7 | 10969.0 | 10462.0 | 9924.5  |
| 15°   | 13565.0 | 13526.0 | 13414.6 | 13239.1 | 12994.0 | 12682.0 | 12300.4 | 11865.9 | 11372.9 | 10838.1 | 10275.4 |
| 12.5° | 13966.1 | 13927.1 | 13812.9 | 13637.4 | 13384.0 | 13072.0 | 12682.0 | 12228.0 | 11723.8 | 11169.5 | 10584.6 |
| 10°   | 14283.6 | 14244.6 | 14136.0 | 13968.9 | 13707.1 | 13384.0 | 12994.0 | 12559.5 | 12021.9 | 11450.9 | 10843.6 |
| 7.5°  | 14512.0 | 14475.8 | 14375.6 | 14208.4 | 13968.9 | 13637.4 | 13239.1 | 12773.9 | 12250.3 | 11670.9 | 11049.8 |
| 5°    | 14684.7 | 14643.0 | 14542.7 | 14375.6 | 14136.0 | 13812.9 | 13414.6 | 12949.4 | 12420.2 | 11832.5 | 11200.2 |
| 2.5°  | 14804.5 | 14754.4 | 14643.0 | 14475.8 | 14244.6 | 13927.1 | 13526.0 | 13058.1 | 12523.3 | 11932.7 | 11294.9 |
| 0°    | 14837.9 | 14804.5 | 14684.7 | 14512.0 | 14283.6 | 13966.1 | 13565.0 | 13094.3 | 12559.5 | 11966.2 | 11325.5 |

REPORT NUMBER: P624603

CATALOG NUMBER: IFLD-L-SA7B-940-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° | 100.3   | 100.3  | 97.5   | 94.7   | 91.9   | 86.3   | 83.6   | 80.8   | 78.0   | 72.4   | 69.6   |
| 85°   | 211.7   | 206.1  | 200.6  | 195.0  | 186.6  | 181.1  | 172.7  | 167.1  | 158.8  | 150.4  | 142.1  |
| 82.5° | 334.3   | 325.9  | 314.8  | 306.4  | 295.3  | 281.3  | 270.2  | 256.3  | 242.3  | 231.2  | 217.3  |
| 80°   | 468.0   | 454.0  | 440.1  | 426.2  | 409.5  | 392.7  | 376.0  | 359.3  | 339.8  | 320.3  | 300.8  |
| 77.5° | 612.8   | 593.3  | 573.8  | 551.5  | 532.0  | 509.7  | 487.4  | 465.2  | 440.1  | 415.0  | 390.0  |
| 75°   | 774.3   | 749.3  | 721.4  | 693.6  | 668.5  | 637.9  | 607.2  | 576.6  | 543.2  | 512.5  | 479.1  |
| 72.5° | 949.8   | 919.2  | 885.8  | 852.3  | 816.1  | 777.1  | 738.1  | 696.4  | 657.4  | 618.4  | 576.6  |
| 70°   | 1139.2  | 1103.0 | 1061.2 | 1019.5 | 974.9  | 927.5  | 880.2  | 830.1  | 779.9  | 729.8  | 679.6  |
| 67.5° | 1342.6  | 1298.0 | 1247.9 | 1197.7 | 1142.0 | 1086.3 | 1030.6 | 972.1  | 910.8  | 849.6  | 791.1  |
| 65°   | 1559.8  | 1504.1 | 1445.6 | 1381.6 | 1317.5 | 1253.4 | 1186.6 | 1117.0 | 1047.3 | 974.9  | 910.8  |
| 62.5° | 1802.2  | 1732.5 | 1657.3 | 1579.3 | 1506.9 | 1428.9 | 1356.5 | 1270.2 | 1186.6 | 1105.8 | 1025.0 |
| 60°   | 2083.5  | 1991.6 | 1899.7 | 1802.2 | 1710.2 | 1610.0 | 1520.8 | 1426.1 | 1331.4 | 1239.5 | 1144.8 |
| 57.5° | 2398.2  | 2281.3 | 2169.8 | 2052.9 | 1930.3 | 1818.9 | 1704.7 | 1590.5 | 1484.6 | 1376.0 | 1272.9 |
| 55°   | 2754.8  | 2612.7 | 2473.5 | 2328.6 | 2186.6 | 2047.3 | 1902.4 | 1774.3 | 1643.4 | 1520.8 | 1401.1 |
| 52.5° | 3144.7  | 2983.2 | 2810.5 | 2646.2 | 2465.1 | 2292.4 | 2130.8 | 1969.3 | 1816.1 | 1668.5 | 1532.0 |
| 50°   | 3562.6  | 3373.1 | 3175.4 | 2974.8 | 2768.7 | 2565.4 | 2370.4 | 2181.0 | 2002.7 | 1830.0 | 1668.5 |
| 47.5° | 3997.1  | 3782.6 | 3557.0 | 3328.6 | 3108.5 | 2860.6 | 2626.7 | 2412.2 | 2197.7 | 2002.7 | 1816.1 |
| 45°   | 4442.7  | 4200.4 | 3952.5 | 3693.5 | 3434.4 | 3167.0 | 2908.0 | 2646.2 | 2412.2 | 2181.0 | 1969.3 |
| 42.5° | 4902.3  | 4629.4 | 4353.6 | 4066.7 | 3779.8 | 3487.3 | 3194.9 | 2908.0 | 2626.7 | 2370.4 | 2130.8 |
| 40°   | 5375.9  | 5075.0 | 4760.3 | 4448.3 | 4141.9 | 3807.7 | 3487.3 | 3167.0 | 2860.6 | 2565.4 | 2292.4 |
| 37.5° | 5849.4  | 5520.7 | 5180.9 | 4829.9 | 4479.0 | 4141.9 | 3779.8 | 3434.4 | 3108.5 | 2768.7 | 2465.1 |
| 35°   | 6325.7  | 5963.6 | 5595.9 | 5214.3 | 4829.9 | 4448.3 | 4066.7 | 3693.5 | 3328.6 | 2974.8 | 2646.2 |
| 32.5° | 6804.8  | 6409.3 | 6002.6 | 5595.9 | 5180.9 | 4760.3 | 4353.6 | 3952.5 | 3557.0 | 3175.4 | 2810.5 |
| 30°   | 7275.5  | 6846.6 | 6409.3 | 5963.6 | 5520.7 | 5075.0 | 4629.4 | 4200.4 | 3782.6 | 3373.1 | 2983.2 |
| 27.5° | 7735.1  | 7275.5 | 6804.8 | 6325.7 | 5849.4 | 5375.9 | 4902.3 | 4442.7 | 3997.1 | 3562.6 | 3144.7 |
| 25°   | 8178.0  | 7687.8 | 7183.6 | 6673.9 | 6166.9 | 5662.8 | 5164.2 | 4668.4 | 4200.4 | 3743.6 | 3306.3 |
| 22.5° | 8595.8  | 8077.7 | 7545.7 | 7005.3 | 6462.2 | 5930.2 | 5406.5 | 4891.2 | 4392.6 | 3913.5 | 3453.9 |
| 20°   | 8996.9  | 8442.6 | 7902.2 | 7311.7 | 6743.5 | 6183.6 | 5634.9 | 5094.5 | 4568.1 | 4069.5 | 3587.6 |
| 17.5° | 9361.8  | 8779.6 | 8189.1 | 7595.8 | 6999.8 | 6412.0 | 5838.2 | 5300.7 | 4729.6 | 4211.6 | 3715.8 |
| 15°   | 9690.5  | 9083.3 | 8464.9 | 7849.3 | 7228.2 | 6618.2 | 6022.1 | 5442.7 | 4877.3 | 4339.7 | 3827.2 |
| 12.5° | 9977.4  | 9347.9 | 8707.2 | 8069.4 | 7431.5 | 6799.2 | 6183.6 | 5584.8 | 5005.4 | 4448.3 | 3921.9 |
| 10°   | 10214.1 | 9570.7 | 8910.6 | 8253.2 | 7598.6 | 6949.6 | 6314.6 | 5704.5 | 5111.2 | 4540.2 | 3999.9 |
| 7.5°  | 10406.3 | 9746.2 | 9074.9 | 8398.0 | 7729.5 | 7066.6 | 6420.4 | 5796.5 | 5194.8 | 4609.9 | 4061.1 |
| 5°    | 10542.8 | 9874.3 | 9191.9 | 8501.1 | 7824.2 | 7153.0 | 6495.6 | 5863.3 | 5253.3 | 4660.0 | 4105.7 |
| 2.5°  | 10629.2 | 9977.4 | 9286.6 | 8587.5 | 7902.2 | 7222.6 | 6556.9 | 5916.2 | 5300.7 | 4701.8 | 4141.9 |
| 0°    | 10657.0 | 9977.4 | 9286.6 | 8587.5 | 7902.2 | 7222.6 | 6556.9 | 5916.2 | 5300.7 | 4701.8 | 4141.9 |

REPORT NUMBER: P624603

CATALOG NUMBER: IFLD-L-SA7B-940-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° | 66.9   | 61.3   | 55.7   | 52.9   | 47.4   | 44.6   | 39.0   | 33.4   | 30.6  | 25.1  | 19.5  |
| 85°   | 133.7  | 122.6  | 114.2  | 105.8  | 97.5   | 86.3   | 78.0   | 69.6   | 58.5  | 50.1  | 39.0  |
| 82.5° | 203.3  | 189.4  | 175.5  | 161.6  | 147.6  | 133.7  | 117.0  | 103.1  | 89.1  | 75.2  | 58.5  |
| 80°   | 281.3  | 259.0  | 239.5  | 220.0  | 200.6  | 181.1  | 158.8  | 139.3  | 117.0 | 97.5  | 78.0  |
| 77.5° | 362.1  | 337.0  | 309.2  | 281.3  | 253.5  | 228.4  | 200.6  | 175.5  | 150.4 | 122.6 | 97.5  |
| 75°   | 448.5  | 415.0  | 384.4  | 348.2  | 314.8  | 278.5  | 245.1  | 211.7  | 181.1 | 150.4 | 117.0 |
| 72.5° | 537.6  | 495.8  | 454.0  | 415.0  | 373.2  | 331.5  | 292.5  | 250.7  | 211.7 | 175.5 | 139.3 |
| 70°   | 629.5  | 579.4  | 529.2  | 481.9  | 434.5  | 384.4  | 339.8  | 292.5  | 245.1 | 200.6 | 158.8 |
| 67.5° | 727.0  | 668.5  | 610.0  | 548.7  | 495.8  | 440.1  | 384.4  | 331.5  | 278.5 | 228.4 | 181.1 |
| 65°   | 832.8  | 763.2  | 690.8  | 626.7  | 557.1  | 495.8  | 434.5  | 373.2  | 314.8 | 253.5 | 200.6 |
| 62.5° | 941.5  | 860.7  | 779.9  | 699.1  | 626.7  | 548.7  | 481.9  | 415.0  | 348.2 | 281.3 | 220.0 |
| 60°   | 1052.9 | 961.0  | 869.1  | 779.9  | 690.8  | 610.0  | 529.2  | 454.0  | 384.4 | 309.2 | 239.5 |
| 57.5° | 1167.1 | 1064.0 | 961.0  | 860.7  | 763.2  | 668.5  | 579.4  | 495.8  | 415.0 | 337.0 | 259.0 |
| 55°   | 1284.1 | 1167.1 | 1052.9 | 941.5  | 832.8  | 727.0  | 629.5  | 537.6  | 448.5 | 362.1 | 281.3 |
| 52.5° | 1401.1 | 1272.9 | 1144.8 | 1025.0 | 910.8  | 791.1  | 679.6  | 576.6  | 479.1 | 390.0 | 300.8 |
| 50°   | 1520.8 | 1376.0 | 1239.5 | 1105.8 | 974.9  | 849.6  | 729.8  | 618.4  | 512.5 | 415.0 | 320.3 |
| 47.5° | 1643.4 | 1484.6 | 1331.4 | 1186.6 | 1047.3 | 910.8  | 779.9  | 657.4  | 543.2 | 440.1 | 339.8 |
| 45°   | 1774.3 | 1590.5 | 1426.1 | 1270.2 | 1117.0 | 972.1  | 830.1  | 696.4  | 576.6 | 465.2 | 359.3 |
| 42.5° | 1902.4 | 1704.7 | 1520.8 | 1356.5 | 1186.6 | 1030.6 | 880.2  | 738.1  | 607.2 | 487.4 | 376.0 |
| 40°   | 2047.3 | 1818.9 | 1610.0 | 1428.9 | 1253.4 | 1086.3 | 927.5  | 777.1  | 637.9 | 509.7 | 392.7 |
| 37.5° | 2186.6 | 1930.3 | 1710.2 | 1506.9 | 1317.5 | 1142.0 | 974.9  | 816.1  | 668.5 | 532.0 | 409.5 |
| 35°   | 2328.6 | 2052.9 | 1802.2 | 1579.3 | 1381.6 | 1197.7 | 1019.5 | 852.3  | 693.6 | 551.5 | 426.2 |
| 32.5° | 2473.5 | 2169.8 | 1899.7 | 1657.3 | 1445.6 | 1247.9 | 1061.2 | 885.8  | 721.4 | 573.8 | 440.1 |
| 30°   | 2612.7 | 2281.3 | 1991.6 | 1732.5 | 1504.1 | 1298.0 | 1103.0 | 919.2  | 749.3 | 593.3 | 454.0 |
| 27.5° | 2754.8 | 2398.2 | 2083.5 | 1802.2 | 1559.8 | 1342.6 | 1139.2 | 949.8  | 774.3 | 612.8 | 468.0 |
| 25°   | 2891.3 | 2509.7 | 2169.8 | 1869.0 | 1610.0 | 1387.1 | 1178.2 | 980.5  | 796.6 | 629.5 | 479.1 |
| 22.5° | 3016.6 | 2607.2 | 2247.8 | 1933.1 | 1662.9 | 1426.1 | 1211.7 | 1008.3 | 818.9 | 646.2 | 490.2 |
| 20°   | 3130.8 | 2707.4 | 2328.6 | 1997.1 | 1713.0 | 1465.1 | 1239.5 | 1033.4 | 838.4 | 660.1 | 501.4 |
| 17.5° | 3242.2 | 2799.3 | 2401.0 | 2055.6 | 1754.8 | 1498.6 | 1267.4 | 1052.9 | 855.1 | 671.3 | 509.7 |
| 15°   | 3336.9 | 2880.1 | 2465.1 | 2105.8 | 1793.8 | 1526.4 | 1289.7 | 1072.4 | 869.1 | 682.4 | 515.3 |
| 12.5° | 3420.5 | 2949.8 | 2520.8 | 2147.6 | 1824.5 | 1551.5 | 1311.9 | 1089.1 | 883.0 | 690.8 | 523.7 |
| 10°   | 3487.3 | 3005.5 | 2565.4 | 2183.8 | 1852.3 | 1571.0 | 1325.9 | 1103.0 | 891.3 | 699.1 | 529.2 |
| 7.5°  | 3540.3 | 3050.0 | 2601.6 | 2208.8 | 1871.8 | 1587.7 | 1339.8 | 1111.4 | 899.7 | 704.7 | 537.6 |
| 5°    | 3579.3 | 3083.5 | 2626.7 | 2228.3 | 1888.5 | 1607.2 | 1356.5 | 1125.3 | 910.8 | 713.1 | 537.6 |
| 2.5°  | 3609.9 | 3108.5 | 2646.2 | 2245.0 | 1899.7 | 1607.2 | 1356.5 | 1125.3 | 910.8 | 713.1 | 537.6 |
| 0°    | 3609.9 | 3108.5 | 2646.2 | 2245.0 | 1899.7 | 1607.2 | 1356.5 | 1125.3 | 910.8 | 713.1 | 537.6 |

REPORT NUMBER: P624603

CATALOG NUMBER: IFLD-L-SA7B-940-U-77

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 13.9  | 11.1  | 5.6   | 0.0 |
| 85°   | 30.6  | 19.5  | 11.1  | 0.0 |
| 82.5° | 44.6  | 30.6  | 13.9  | 0.0 |
| 80°   | 58.5  | 39.0  | 19.5  | 0.0 |
| 77.5° | 75.2  | 50.1  | 25.1  | 0.0 |
| 75°   | 89.1  | 58.5  | 30.6  | 0.0 |
| 72.5° | 103.1 | 69.6  | 33.4  | 0.0 |
| 70°   | 117.0 | 78.0  | 39.0  | 0.0 |
| 67.5° | 133.7 | 86.3  | 44.6  | 0.0 |
| 65°   | 147.6 | 97.5  | 47.4  | 0.0 |
| 62.5° | 161.6 | 105.8 | 52.9  | 0.0 |
| 60°   | 175.5 | 114.2 | 55.7  | 0.0 |
| 57.5° | 189.4 | 122.6 | 61.3  | 0.0 |
| 55°   | 203.3 | 133.7 | 66.9  | 0.0 |
| 52.5° | 217.3 | 142.1 | 69.6  | 0.0 |
| 50°   | 231.2 | 150.4 | 72.4  | 0.0 |
| 47.5° | 242.3 | 158.8 | 78.0  | 0.0 |
| 45°   | 256.3 | 167.1 | 80.8  | 0.0 |
| 42.5° | 270.2 | 172.7 | 83.6  | 0.0 |
| 40°   | 281.3 | 181.1 | 86.3  | 0.0 |
| 37.5° | 295.3 | 186.6 | 91.9  | 0.0 |
| 35°   | 306.4 | 195.0 | 94.7  | 0.0 |
| 32.5° | 314.8 | 200.6 | 97.5  | 0.0 |
| 30°   | 325.9 | 206.1 | 100.3 | 0.0 |
| 27.5° | 334.3 | 211.7 | 100.3 | 0.0 |
| 25°   | 342.6 | 217.3 | 103.1 | 0.0 |
| 22.5° | 351.0 | 220.0 | 105.8 | 0.0 |
| 20°   | 359.3 | 225.6 | 108.6 | 0.0 |
| 17.5° | 364.9 | 228.4 | 108.6 | 0.0 |
| 15°   | 370.5 | 231.2 | 114.2 | 0.0 |
| 12.5° | 373.2 | 234.0 | 114.2 | 0.0 |
| 10°   | 378.8 | 239.5 | 114.2 | 0.0 |
| 7.5°  | 384.4 | 239.5 | 114.2 | 0.0 |
| 5°    | 384.4 | 239.5 | 114.2 | 0.0 |
| 2.5°  | 384.4 | 239.5 | 114.2 | 0.0 |
| 0°    | 384.4 | 239.5 | 114.2 | 0.0 |

(END OF REPORT)