

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: P623922

Luminaire Tested: **IFLD-L-SA7E-735-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623922  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7E-735-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (112) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

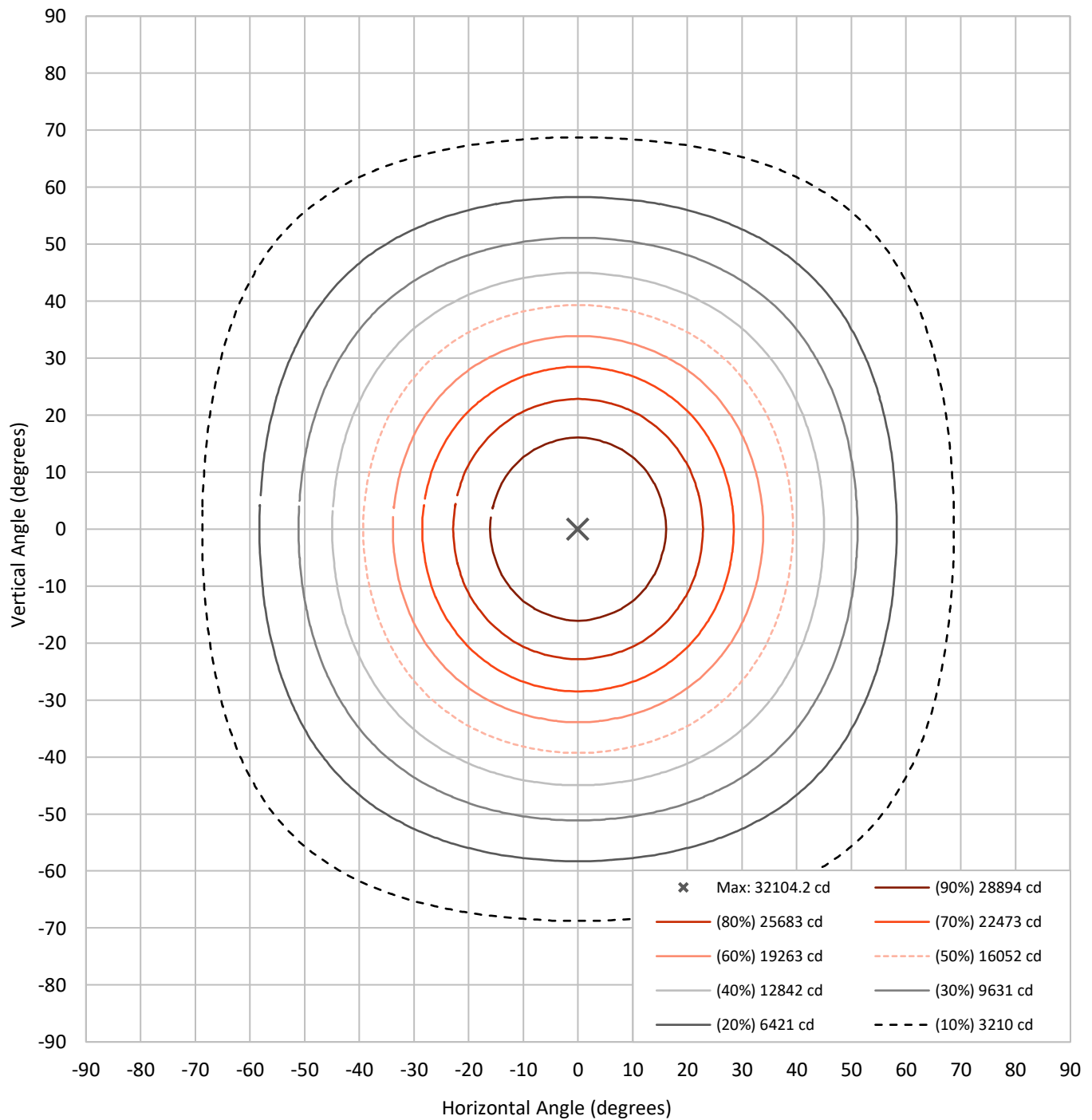
|                                   |                                    |                      |                   |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 57804.4 lumens                     | Max Intensity:       | 32104.2 candela   |
| Efficiency:                       | N/A                                | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 108.5 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:                      | 25011.4 lumens                     | Field Lumens:        | 40955.3 lumens    |
| Beam Efficiency:                  | 43.3%                              | Field Efficiency:    | 70.9%             |
| Input Watts (W):                  | 532.7                              |                      |                   |
| 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: P623922

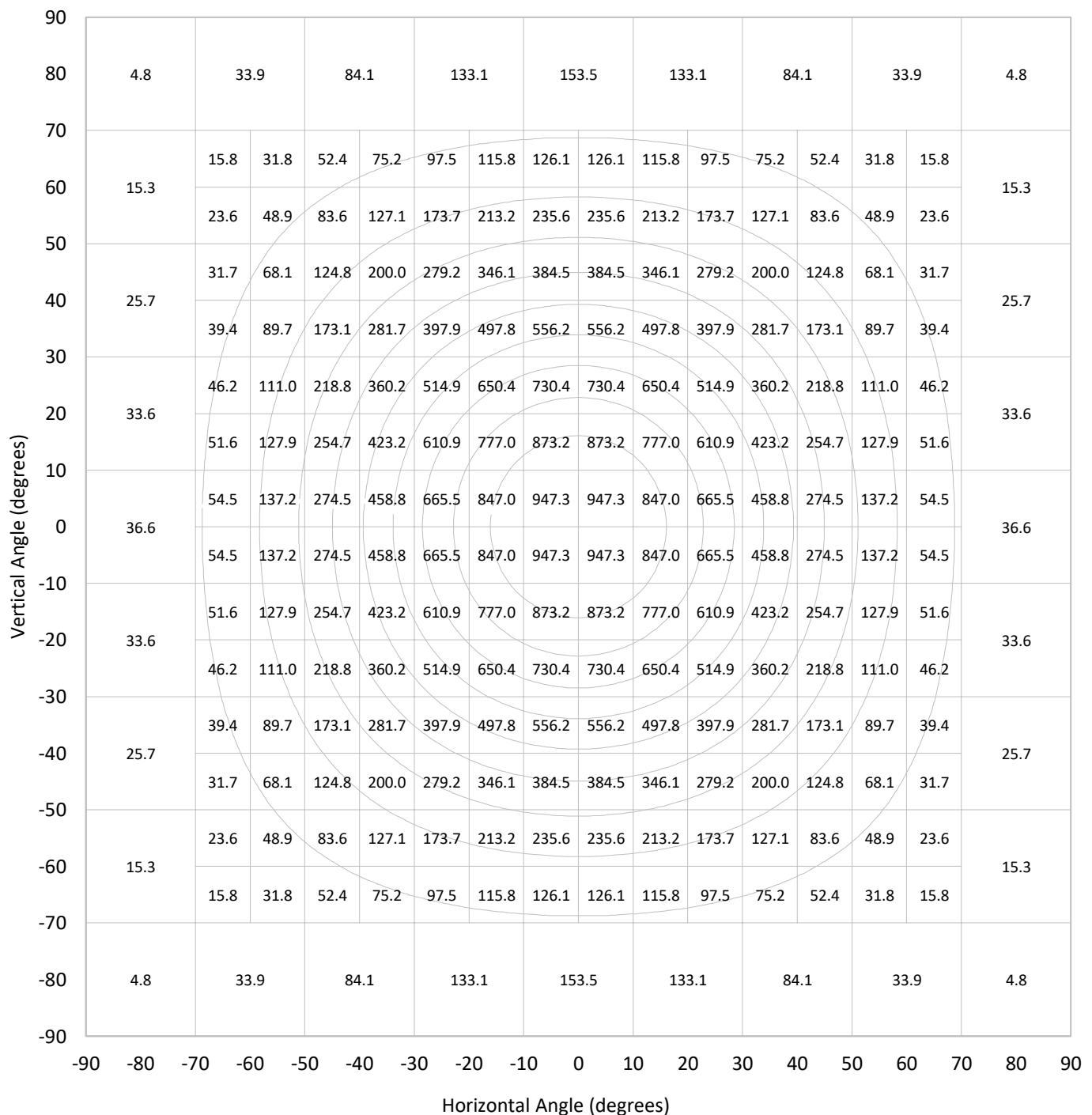
CATALOG NUMBER: IFLD-L-SA7E-735-U-77

## Iso-Candela Plot



REPORT NUMBER: P623922  
CATALOG NUMBER: IFLD-L-SA7E-735-U-77

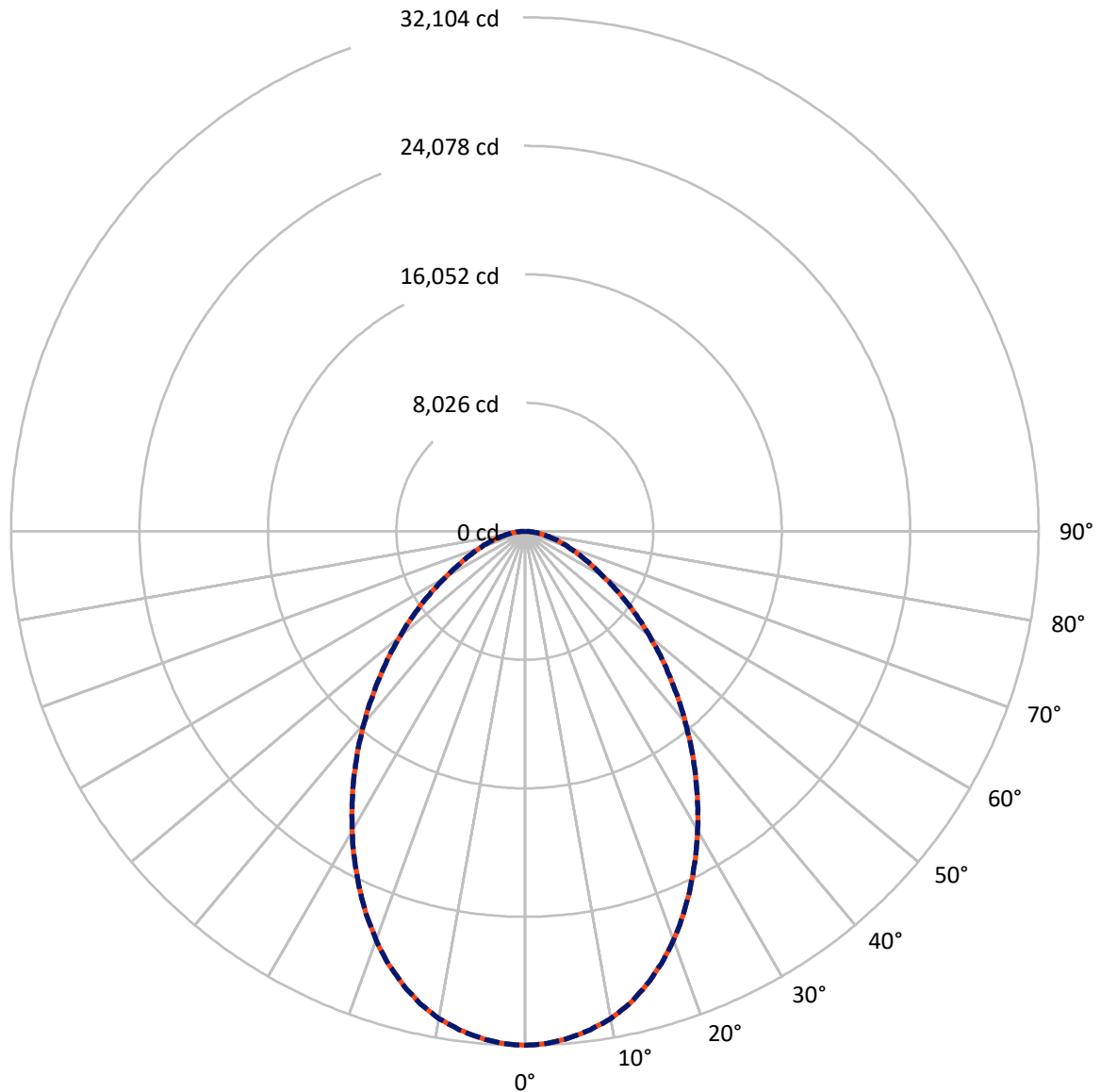
## Lumen Table



REPORT NUMBER: P623922

CATALOG NUMBER: IFLD-L-SA7E-735-U-77

## Luminous Intensity Polar Plot



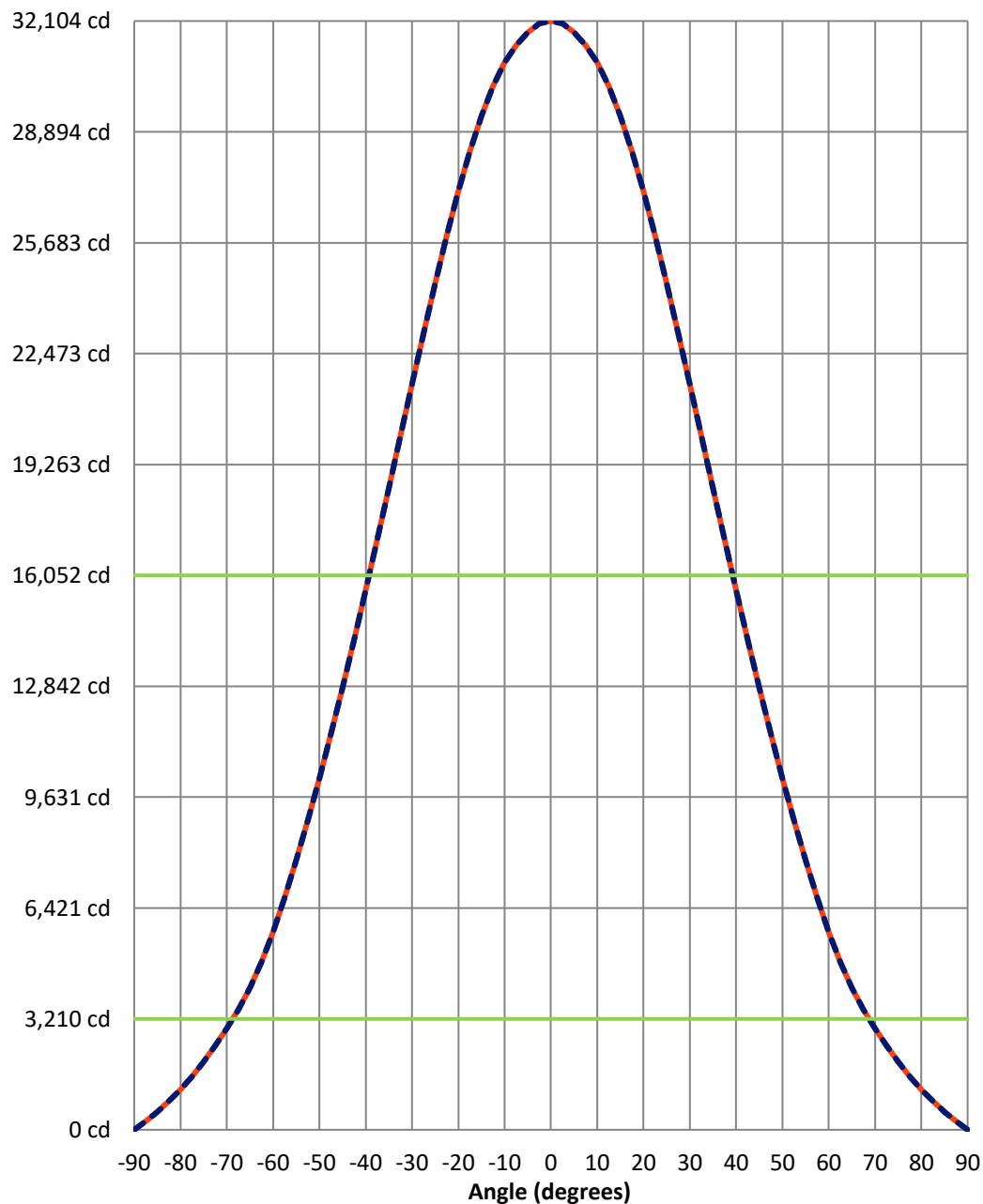
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P623922

CATALOG NUMBER: IFLD-L-SA7E-735-U-77

## Luminous Intensity Plot



**Beam:**

H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 25011.4  
Efficiency: 43.3%

**Field:**

H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 40955.3  
Efficiency: 70.9%

**Spill:**

Lumens: 16849.1  
Efficiency: 29.1%

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

REPORT NUMBER: P623922

CATALOG NUMBER: IFLD-L-SA7E-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° | 247.1   | 247.1   | 247.1   | 247.1   | 247.1   | 247.1   | 247.1   | 235.0   | 235.0   | 229.0   | 223.0   |
| 85°   | 518.3   | 518.3   | 518.3   | 518.3   | 518.3   | 506.2   | 500.2   | 494.2   | 488.2   | 476.1   | 470.1   |
| 82.5° | 831.7   | 831.7   | 831.7   | 831.7   | 819.6   | 807.6   | 801.6   | 789.5   | 777.4   | 759.4   | 741.3   |
| 80°   | 1163.2  | 1163.2  | 1163.2  | 1163.2  | 1145.1  | 1133.0  | 1114.9  | 1102.9  | 1084.8  | 1060.7  | 1036.6  |
| 77.5° | 1542.8  | 1542.8  | 1542.8  | 1524.8  | 1512.7  | 1494.6  | 1476.5  | 1452.4  | 1428.3  | 1398.2  | 1362.0  |
| 75°   | 1970.7  | 1970.7  | 1970.7  | 1946.6  | 1928.5  | 1910.5  | 1880.3  | 1850.2  | 1814.0  | 1771.9  | 1723.6  |
| 72.5° | 2434.8  | 2434.8  | 2434.8  | 2404.7  | 2386.6  | 2356.4  | 2320.3  | 2278.1  | 2235.9  | 2181.7  | 2121.4  |
| 70°   | 2935.0  | 2935.0  | 2935.0  | 2898.8  | 2868.7  | 2838.6  | 2790.4  | 2742.1  | 2681.9  | 2621.6  | 2549.3  |
| 67.5° | 3477.4  | 3477.4  | 3477.4  | 3435.2  | 3399.1  | 3356.9  | 3302.6  | 3242.4  | 3170.0  | 3085.7  | 3001.3  |
| 65°   | 4110.2  | 4110.2  | 4086.1  | 4049.9  | 4007.8  | 3947.5  | 3881.2  | 3796.8  | 3706.4  | 3597.9  | 3483.4  |
| 62.5° | 4857.5  | 4857.5  | 4821.4  | 4779.2  | 4724.9  | 4646.6  | 4556.2  | 4447.7  | 4321.1  | 4182.5  | 4043.9  |
| 60°   | 5725.4  | 5725.4  | 5683.2  | 5628.9  | 5550.6  | 5454.2  | 5333.6  | 5195.0  | 5038.3  | 4863.5  | 4694.8  |
| 57.5° | 6725.8  | 6725.8  | 6671.6  | 6599.2  | 6502.8  | 6382.3  | 6231.6  | 6056.8  | 5858.0  | 5641.0  | 5430.1  |
| 55°   | 7810.6  | 7810.6  | 7744.3  | 7659.9  | 7545.4  | 7400.8  | 7220.0  | 7015.1  | 6774.0  | 6526.9  | 6255.7  |
| 52.5° | 8961.7  | 8961.7  | 8883.4  | 8786.9  | 8654.3  | 8485.6  | 8280.7  | 8039.6  | 7762.4  | 7473.1  | 7153.7  |
| 50°   | 10173.1 | 10173.1 | 10082.7 | 9974.2  | 9823.5  | 9624.6  | 9389.6  | 9112.4  | 8805.0  | 8467.5  | 8099.9  |
| 47.5° | 11468.8 | 11468.8 | 11366.4 | 11239.8 | 11059.0 | 10830.0 | 10552.8 | 10233.3 | 9883.8  | 9504.1  | 9088.3  |
| 45°   | 12800.7 | 12800.7 | 12686.2 | 12541.6 | 12342.7 | 12083.5 | 11776.2 | 11468.8 | 11022.8 | 10582.9 | 10100.8 |
| 42.5° | 14186.9 | 14186.9 | 14054.3 | 13891.5 | 13662.5 | 13379.3 | 13029.7 | 12632.0 | 12192.0 | 11697.8 | 11173.5 |
| 40°   | 15627.2 | 15627.2 | 15476.6 | 15289.7 | 15036.6 | 14711.2 | 14319.4 | 13873.5 | 13379.3 | 12830.8 | 12252.3 |
| 37.5° | 17097.8 | 17097.8 | 16929.0 | 16724.1 | 16440.8 | 16079.2 | 15639.3 | 15145.1 | 14590.6 | 13981.9 | 13343.1 |
| 35°   | 18580.3 | 18580.3 | 18393.5 | 18170.5 | 17857.1 | 17459.4 | 16983.2 | 16434.8 | 15820.1 | 15157.2 | 14440.0 |
| 32.5° | 20093.0 | 20093.0 | 19888.1 | 19635.0 | 19279.4 | 18839.5 | 18315.1 | 17718.5 | 17097.8 | 16326.3 | 15542.9 |
| 30°   | 21587.6 | 21587.6 | 21364.7 | 21087.4 | 20707.7 | 20225.6 | 19653.1 | 18996.2 | 18266.9 | 17477.4 | 16633.7 |
| 27.5° | 23058.2 | 22997.9 | 22811.1 | 22515.8 | 22099.9 | 21587.6 | 20966.9 | 20255.7 | 19466.2 | 18598.4 | 17694.4 |
| 25°   | 24504.6 | 24438.3 | 24233.4 | 23907.9 | 23462.0 | 22901.5 | 22232.5 | 21473.1 | 20623.4 | 19707.3 | 18718.9 |
| 22.5° | 25890.7 | 25818.4 | 25601.4 | 25251.9 | 24775.8 | 24167.1 | 23449.9 | 22636.3 | 21732.3 | 20749.9 | 19707.3 |
| 20°   | 27174.4 | 27096.1 | 26873.1 | 26505.4 | 26011.2 | 25366.4 | 24607.0 | 23733.2 | 22768.9 | 21732.3 | 20623.4 |
| 17.5° | 28331.5 | 28253.2 | 28018.1 | 27638.5 | 27174.4 | 26457.2 | 25673.7 | 24751.7 | 23733.2 | 22636.3 | 21473.1 |
| 15°   | 29350.0 | 29265.7 | 29024.6 | 28644.9 | 28114.6 | 27439.6 | 26613.9 | 25673.7 | 24607.0 | 23449.9 | 22232.5 |
| 12.5° | 30217.9 | 30133.5 | 29886.4 | 29506.7 | 28958.3 | 28283.3 | 27439.6 | 26457.2 | 25366.4 | 24167.1 | 22901.5 |
| 10°   | 30904.9 | 30820.6 | 30585.5 | 30223.9 | 29657.4 | 28958.3 | 28114.6 | 27174.4 | 26011.2 | 24775.8 | 23462.0 |
| 7.5°  | 31399.1 | 31320.8 | 31103.8 | 30742.2 | 30223.9 | 29506.7 | 28644.9 | 27638.5 | 26505.4 | 25251.9 | 23907.9 |
| 5°    | 31772.8 | 31682.4 | 31465.4 | 31103.8 | 30585.5 | 29886.4 | 29024.6 | 28018.1 | 26873.1 | 25601.4 | 24233.4 |
| 2.5°  | 32031.9 | 31923.4 | 31682.4 | 31320.8 | 30820.6 | 30133.5 | 29265.7 | 28253.2 | 27096.1 | 25818.4 | 24438.3 |
| 0°    | 32104.2 | 32031.9 | 31772.8 | 31399.1 | 30904.9 | 30217.9 | 29350.0 | 28331.5 | 27174.4 | 25890.7 | 24504.6 |

REPORT NUMBER: P623922

CATALOG NUMBER: IFLD-L-SA7E-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° | 217.0   | 217.0   | 210.9   | 204.9   | 198.9   | 186.8   | 180.8   | 174.8   | 168.7   | 156.7   | 150.7  |
| 85°   | 458.0   | 446.0   | 433.9   | 421.9   | 403.8   | 391.7   | 373.7   | 361.6   | 343.5   | 325.4   | 307.4  |
| 82.5° | 723.2   | 705.1   | 681.0   | 662.9   | 638.8   | 608.7   | 584.6   | 554.5   | 524.3   | 500.2   | 470.1  |
| 80°   | 1012.5  | 982.4   | 952.2   | 922.1   | 885.9   | 849.8   | 813.6   | 777.4   | 735.3   | 693.1   | 650.9  |
| 77.5° | 1325.9  | 1283.7  | 1241.5  | 1193.3  | 1151.1  | 1102.9  | 1054.7  | 1006.5  | 952.2   | 898.0   | 843.7  |
| 75°   | 1675.4  | 1621.2  | 1560.9  | 1500.6  | 1446.4  | 1380.1  | 1313.8  | 1247.5  | 1175.2  | 1108.9  | 1036.6 |
| 72.5° | 2055.1  | 1988.8  | 1916.5  | 1844.2  | 1765.8  | 1681.4  | 1597.1  | 1506.7  | 1422.3  | 1337.9  | 1247.5 |
| 70°   | 2464.9  | 2386.6  | 2296.2  | 2205.8  | 2109.3  | 2006.9  | 1904.4  | 1796.0  | 1687.5  | 1579.0  | 1470.5 |
| 67.5° | 2904.9  | 2808.4  | 2700.0  | 2591.5  | 2470.9  | 2350.4  | 2229.9  | 2103.3  | 1970.7  | 1838.1  | 1711.6 |
| 65°   | 3375.0  | 3254.4  | 3127.9  | 2989.2  | 2850.6  | 2712.0  | 2567.4  | 2416.7  | 2266.0  | 2109.3  | 1970.7 |
| 62.5° | 3899.3  | 3748.6  | 3585.9  | 3417.1  | 3260.4  | 3091.7  | 2935.0  | 2748.2  | 2567.4  | 2392.6  | 2217.8 |
| 60°   | 4508.0  | 4309.1  | 4110.2  | 3899.3  | 3700.4  | 3483.4  | 3290.6  | 3085.7  | 2880.8  | 2681.9  | 2477.0 |
| 57.5° | 5189.0  | 4935.9  | 4694.8  | 4441.7  | 4176.5  | 3935.4  | 3688.3  | 3441.2  | 3212.2  | 2977.2  | 2754.2 |
| 55°   | 5960.4  | 5653.0  | 5351.7  | 5038.3  | 4731.0  | 4429.6  | 4116.2  | 3839.0  | 3555.8  | 3290.6  | 3031.4 |
| 52.5° | 6804.1  | 6454.6  | 6080.9  | 5725.4  | 5333.6  | 4960.0  | 4610.4  | 4260.9  | 3929.4  | 3610.0  | 3314.7 |
| 50°   | 7708.2  | 7298.3  | 6870.4  | 6436.5  | 5990.5  | 5550.6  | 5128.7  | 4718.9  | 4333.2  | 3959.5  | 3610.0 |
| 47.5° | 8648.3  | 8184.3  | 7696.1  | 7201.9  | 6725.8  | 6189.4  | 5683.2  | 5219.1  | 4755.1  | 4333.2  | 3929.4 |
| 45°   | 9612.6  | 9088.3  | 8551.9  | 7991.4  | 7430.9  | 6852.4  | 6291.9  | 5725.4  | 5219.1  | 4718.9  | 4260.9 |
| 42.5° | 10607.0 | 10016.4 | 9419.7  | 8799.0  | 8178.2  | 7545.4  | 6912.6  | 6291.9  | 5683.2  | 5128.7  | 4610.4 |
| 40°   | 11631.5 | 10980.7 | 10299.6 | 9624.6  | 8961.7  | 8238.5  | 7545.4  | 6852.4  | 6189.4  | 5550.6  | 4960.0 |
| 37.5° | 12656.1 | 11944.9 | 11209.7 | 10450.3 | 9690.9  | 8961.7  | 8178.2  | 7430.9  | 6725.8  | 5990.5  | 5333.6 |
| 35°   | 13686.6 | 12903.2 | 12107.6 | 11282.0 | 10450.3 | 9624.6  | 8799.0  | 7991.4  | 7201.9  | 6436.5  | 5725.4 |
| 32.5° | 14723.2 | 13867.4 | 12987.5 | 12107.6 | 11209.7 | 10299.6 | 9419.7  | 8551.9  | 7696.1  | 6870.4  | 6080.9 |
| 30°   | 15741.7 | 14813.6 | 13867.4 | 12903.2 | 11944.9 | 10980.7 | 10016.4 | 9088.3  | 8184.3  | 7298.3  | 6454.6 |
| 27.5° | 16736.2 | 15741.7 | 14723.2 | 13686.6 | 12656.1 | 11631.5 | 10607.0 | 9612.6  | 8648.3  | 7708.2  | 6804.1 |
| 25°   | 17694.4 | 16633.7 | 15542.9 | 14440.0 | 13343.1 | 12252.3 | 11173.5 | 10100.8 | 9088.3  | 8099.9  | 7153.7 |
| 22.5° | 18598.4 | 17477.4 | 16326.3 | 15157.2 | 13981.9 | 12830.8 | 11697.8 | 10582.9 | 9504.1  | 8467.5  | 7473.1 |
| 20°   | 19466.2 | 18266.9 | 17097.8 | 15820.1 | 14590.6 | 13379.3 | 12192.0 | 11022.8 | 9883.8  | 8805.0  | 7762.4 |
| 17.5° | 20255.7 | 18996.2 | 17718.5 | 16434.8 | 15145.1 | 13873.5 | 12632.0 | 11468.8 | 10233.3 | 9112.4  | 8039.6 |
| 15°   | 20966.9 | 19653.1 | 18315.1 | 16983.2 | 15639.3 | 14319.4 | 13029.7 | 11776.2 | 10552.8 | 9389.6  | 8280.7 |
| 12.5° | 21587.6 | 20225.6 | 18839.5 | 17459.4 | 16079.2 | 14711.2 | 13379.3 | 12083.5 | 10830.0 | 9624.6  | 8485.6 |
| 10°   | 22099.9 | 20707.7 | 19279.4 | 17857.1 | 16440.8 | 15036.6 | 13662.5 | 12342.7 | 11059.0 | 9823.5  | 8654.3 |
| 7.5°  | 22515.8 | 21087.4 | 19635.0 | 18170.5 | 16724.1 | 15289.7 | 13891.5 | 12541.6 | 11239.8 | 9974.2  | 8786.9 |
| 5°    | 22811.1 | 21364.7 | 19888.1 | 18393.5 | 16929.0 | 15476.6 | 14054.3 | 12686.2 | 11366.4 | 10082.7 | 8883.4 |
| 2.5°  | 22997.9 | 21587.6 | 20093.0 | 18580.3 | 17097.8 | 15627.2 | 14186.9 | 12800.7 | 11468.8 | 10173.1 | 8961.7 |
| 0°    | 23058.2 | 21587.6 | 20093.0 | 18580.3 | 17097.8 | 15627.2 | 14186.9 | 12800.7 | 11468.8 | 10173.1 | 8961.7 |



REPORT NUMBER: P623922

CATALOG NUMBER: IFLD-L-SA7E-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° | 144.6  | 132.6  | 120.5  | 114.5  | 102.5  | 96.4   | 84.4   | 72.3   | 66.3   | 54.2   | 42.2   |
| 85°   | 289.3  | 265.2  | 247.1  | 229.0  | 210.9  | 186.8  | 168.7  | 150.7  | 126.6  | 108.5  | 84.4   |
| 82.5° | 439.9  | 409.8  | 379.7  | 349.5  | 319.4  | 289.3  | 253.1  | 223.0  | 192.9  | 162.7  | 126.6  |
| 80°   | 608.7  | 560.5  | 518.3  | 476.1  | 433.9  | 391.7  | 343.5  | 301.3  | 253.1  | 210.9  | 168.7  |
| 77.5° | 783.5  | 729.2  | 669.0  | 608.7  | 548.4  | 494.2  | 433.9  | 379.7  | 325.4  | 265.2  | 210.9  |
| 75°   | 970.3  | 898.0  | 831.7  | 753.3  | 681.0  | 602.7  | 530.3  | 458.0  | 391.7  | 325.4  | 253.1  |
| 72.5° | 1163.2 | 1072.8 | 982.4  | 898.0  | 807.6  | 717.2  | 632.8  | 542.4  | 458.0  | 379.7  | 301.3  |
| 70°   | 1362.0 | 1253.6 | 1145.1 | 1042.6 | 940.2  | 831.7  | 735.3  | 632.8  | 530.3  | 433.9  | 343.5  |
| 67.5° | 1573.0 | 1446.4 | 1319.8 | 1187.3 | 1072.8 | 952.2  | 831.7  | 717.2  | 602.7  | 494.2  | 391.7  |
| 65°   | 1802.0 | 1651.3 | 1494.6 | 1356.0 | 1205.3 | 1072.8 | 940.2  | 807.6  | 681.0  | 548.4  | 433.9  |
| 62.5° | 2037.0 | 1862.3 | 1687.5 | 1512.7 | 1356.0 | 1187.3 | 1042.6 | 898.0  | 753.3  | 608.7  | 476.1  |
| 60°   | 2278.1 | 2079.2 | 1880.3 | 1687.5 | 1494.6 | 1319.8 | 1145.1 | 982.4  | 831.7  | 669.0  | 518.3  |
| 57.5° | 2525.2 | 2302.2 | 2079.2 | 1862.3 | 1651.3 | 1446.4 | 1253.6 | 1072.8 | 898.0  | 729.2  | 560.5  |
| 55°   | 2778.3 | 2525.2 | 2278.1 | 2037.0 | 1802.0 | 1573.0 | 1362.0 | 1163.2 | 970.3  | 783.5  | 608.7  |
| 52.5° | 3031.4 | 2754.2 | 2477.0 | 2217.8 | 1970.7 | 1711.6 | 1470.5 | 1247.5 | 1036.6 | 843.7  | 650.9  |
| 50°   | 3290.6 | 2977.2 | 2681.9 | 2392.6 | 2109.3 | 1838.1 | 1579.0 | 1337.9 | 1108.9 | 898.0  | 693.1  |
| 47.5° | 3555.8 | 3212.2 | 2880.8 | 2567.4 | 2266.0 | 1970.7 | 1687.5 | 1422.3 | 1175.2 | 952.2  | 735.3  |
| 45°   | 3839.0 | 3441.2 | 3085.7 | 2748.2 | 2416.7 | 2103.3 | 1796.0 | 1506.7 | 1247.5 | 1006.5 | 777.4  |
| 42.5° | 4116.2 | 3688.3 | 3290.6 | 2935.0 | 2567.4 | 2229.9 | 1904.4 | 1597.1 | 1313.8 | 1054.7 | 813.6  |
| 40°   | 4429.6 | 3935.4 | 3483.4 | 3091.7 | 2712.0 | 2350.4 | 2006.9 | 1681.4 | 1380.1 | 1102.9 | 849.8  |
| 37.5° | 4731.0 | 4176.5 | 3700.4 | 3260.4 | 2850.6 | 2470.9 | 2109.3 | 1765.8 | 1446.4 | 1151.1 | 885.9  |
| 35°   | 5038.3 | 4441.7 | 3899.3 | 3417.1 | 2989.2 | 2591.5 | 2205.8 | 1844.2 | 1500.6 | 1193.3 | 922.1  |
| 32.5° | 5351.7 | 4694.8 | 4110.2 | 3585.9 | 3127.9 | 2700.0 | 2296.2 | 1916.5 | 1560.9 | 1241.5 | 952.2  |
| 30°   | 5653.0 | 4935.9 | 4309.1 | 3748.6 | 3254.4 | 2808.4 | 2386.6 | 1988.8 | 1621.2 | 1283.7 | 982.4  |
| 27.5° | 5960.4 | 5189.0 | 4508.0 | 3899.3 | 3375.0 | 2904.9 | 2464.9 | 2055.1 | 1675.4 | 1325.9 | 1012.5 |
| 25°   | 6255.7 | 5430.1 | 4694.8 | 4043.9 | 3483.4 | 3001.3 | 2549.3 | 2121.4 | 1723.6 | 1362.0 | 1036.6 |
| 22.5° | 6526.9 | 5641.0 | 4863.5 | 4182.5 | 3597.9 | 3085.7 | 2621.6 | 2181.7 | 1771.9 | 1398.2 | 1060.7 |
| 20°   | 6774.0 | 5858.0 | 5038.3 | 4321.1 | 3706.4 | 3170.0 | 2681.9 | 2235.9 | 1814.0 | 1428.3 | 1084.8 |
| 17.5° | 7015.1 | 6056.8 | 5195.0 | 4447.7 | 3796.8 | 3242.4 | 2742.1 | 2278.1 | 1850.2 | 1452.4 | 1102.9 |
| 15°   | 7220.0 | 6231.6 | 5333.6 | 4556.2 | 3881.2 | 3302.6 | 2790.4 | 2320.3 | 1880.3 | 1476.5 | 1114.9 |
| 12.5° | 7400.8 | 6382.3 | 5454.2 | 4646.6 | 3947.5 | 3356.9 | 2838.6 | 2356.4 | 1910.5 | 1494.6 | 1133.0 |
| 10°   | 7545.4 | 6502.8 | 5550.6 | 4724.9 | 4007.8 | 3399.1 | 2868.7 | 2386.6 | 1928.5 | 1512.7 | 1145.1 |
| 7.5°  | 7659.9 | 6599.2 | 5628.9 | 4779.2 | 4049.9 | 3435.2 | 2898.8 | 2404.7 | 1946.6 | 1524.8 | 1163.2 |
| 5°    | 7744.3 | 6671.6 | 5683.2 | 4821.4 | 4086.1 | 3477.4 | 2935.0 | 2434.8 | 1970.7 | 1542.8 | 1163.2 |
| 2.5°  | 7810.6 | 6725.8 | 5725.4 | 4857.5 | 4110.2 | 3477.4 | 2935.0 | 2434.8 | 1970.7 | 1542.8 | 1163.2 |
| 0°    | 7810.6 | 6725.8 | 5725.4 | 4857.5 | 4110.2 | 3477.4 | 2935.0 | 2434.8 | 1970.7 | 1542.8 | 1163.2 |

REPORT NUMBER: P623922

CATALOG NUMBER: IFLD-L-SA7E-735-U-77

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 30.1  | 24.1  | 12.1  | 0.0 |
| 85°   | 66.3  | 42.2  | 24.1  | 0.0 |
| 82.5° | 96.4  | 66.3  | 30.1  | 0.0 |
| 80°   | 126.6 | 84.4  | 42.2  | 0.0 |
| 77.5° | 162.7 | 108.5 | 54.2  | 0.0 |
| 75°   | 192.9 | 126.6 | 66.3  | 0.0 |
| 72.5° | 223.0 | 150.7 | 72.3  | 0.0 |
| 70°   | 253.1 | 168.7 | 84.4  | 0.0 |
| 67.5° | 289.3 | 186.8 | 96.4  | 0.0 |
| 65°   | 319.4 | 210.9 | 102.5 | 0.0 |
| 62.5° | 349.5 | 229.0 | 114.5 | 0.0 |
| 60°   | 379.7 | 247.1 | 120.5 | 0.0 |
| 57.5° | 409.8 | 265.2 | 132.6 | 0.0 |
| 55°   | 439.9 | 289.3 | 144.6 | 0.0 |
| 52.5° | 470.1 | 307.4 | 150.7 | 0.0 |
| 50°   | 500.2 | 325.4 | 156.7 | 0.0 |
| 47.5° | 524.3 | 343.5 | 168.7 | 0.0 |
| 45°   | 554.5 | 361.6 | 174.8 | 0.0 |
| 42.5° | 584.6 | 373.7 | 180.8 | 0.0 |
| 40°   | 608.7 | 391.7 | 186.8 | 0.0 |
| 37.5° | 638.8 | 403.8 | 198.9 | 0.0 |
| 35°   | 662.9 | 421.9 | 204.9 | 0.0 |
| 32.5° | 681.0 | 433.9 | 210.9 | 0.0 |
| 30°   | 705.1 | 446.0 | 217.0 | 0.0 |
| 27.5° | 723.2 | 458.0 | 217.0 | 0.0 |
| 25°   | 741.3 | 470.1 | 223.0 | 0.0 |
| 22.5° | 759.4 | 476.1 | 229.0 | 0.0 |
| 20°   | 777.4 | 488.2 | 235.0 | 0.0 |
| 17.5° | 789.5 | 494.2 | 235.0 | 0.0 |
| 15°   | 801.6 | 500.2 | 247.1 | 0.0 |
| 12.5° | 807.6 | 506.2 | 247.1 | 0.0 |
| 10°   | 819.6 | 518.3 | 247.1 | 0.0 |
| 7.5°  | 831.7 | 518.3 | 247.1 | 0.0 |
| 5°    | 831.7 | 518.3 | 247.1 | 0.0 |
| 2.5°  | 831.7 | 518.3 | 247.1 | 0.0 |
| 0°    | 831.7 | 518.3 | 247.1 | 0.0 |

(END OF REPORT)