

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: P624051

Luminaire Tested: **IFLD-S-SA3D-830-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P624051  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-830-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (48) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

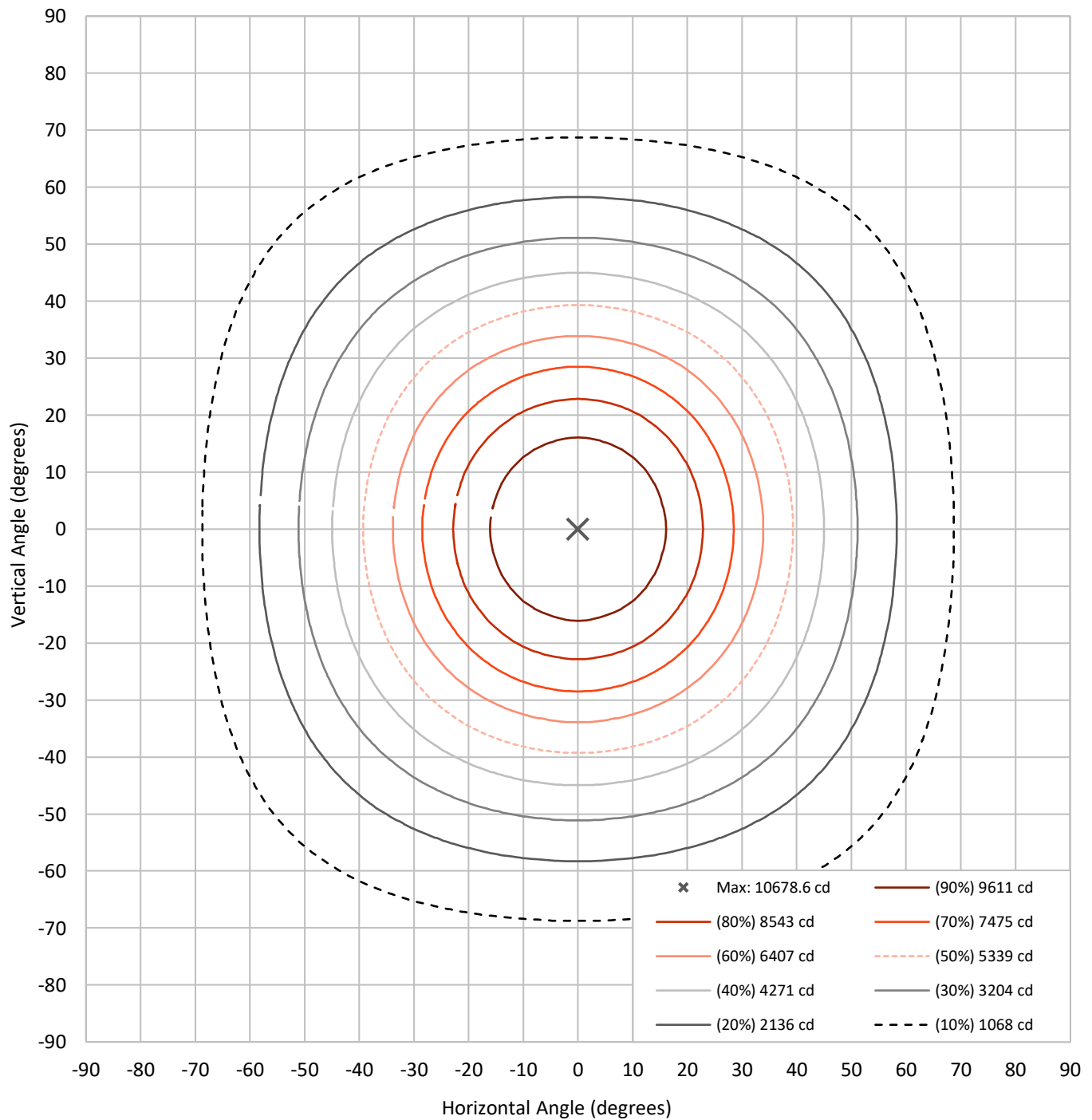
**Summary**

|                                   |                                        |                      |                   |
|-----------------------------------|----------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                    | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 19227 lumens                           | Max Intensity:       | 10678.6 candela   |
| Efficiency:                       | N/A                                    | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 104.4 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:                      | 8319.3 lumens                          | Field Lumens:        | 13622.6 lumens    |
| Beam Efficiency:                  | 43.3%                                  | Field Efficiency:    | 70.9%             |
| Input Watts (W):                  | 184.1                                  |                      |                   |
| 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                                  |                      |                   |



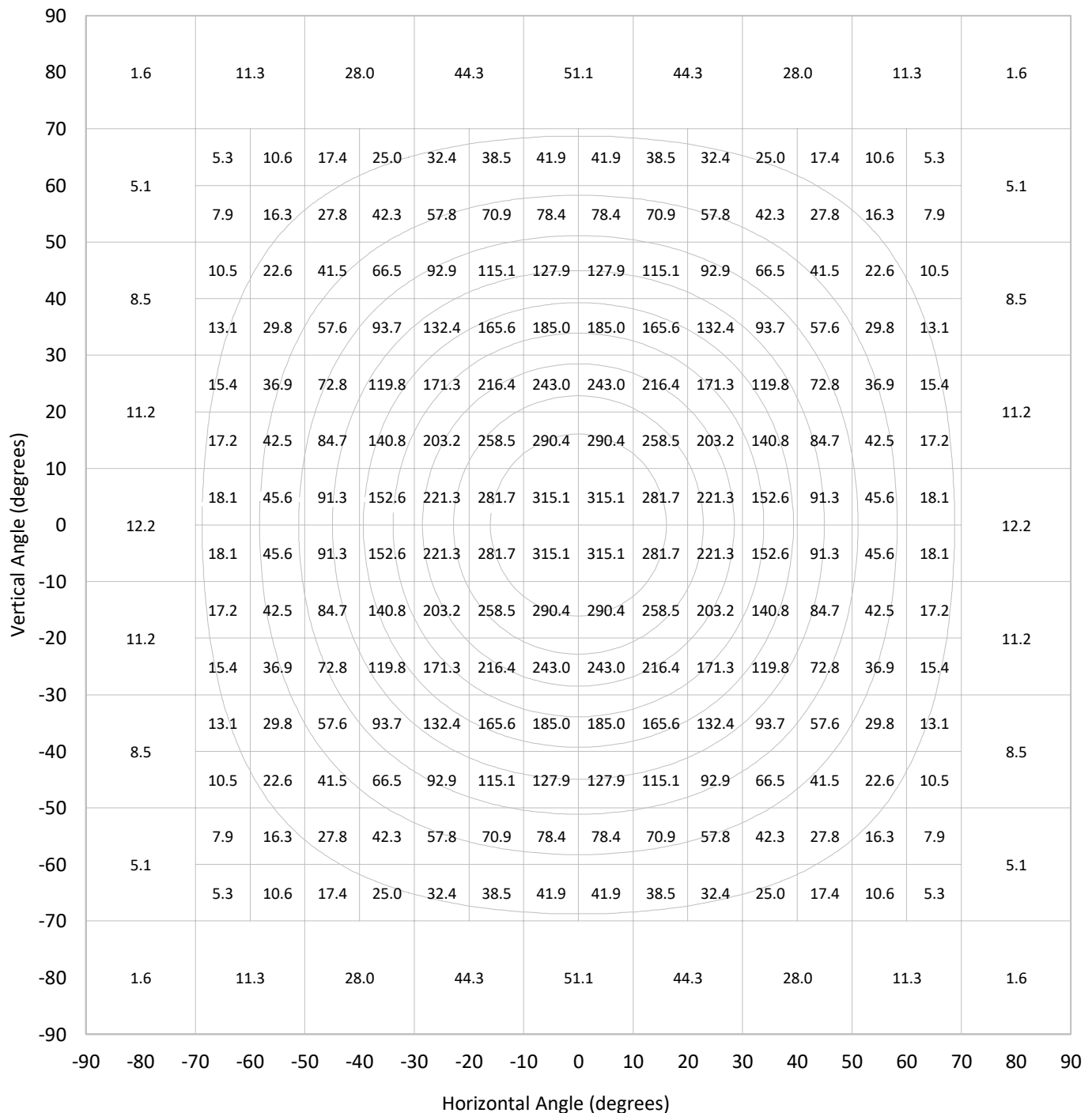
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## Iso-Candela Plot



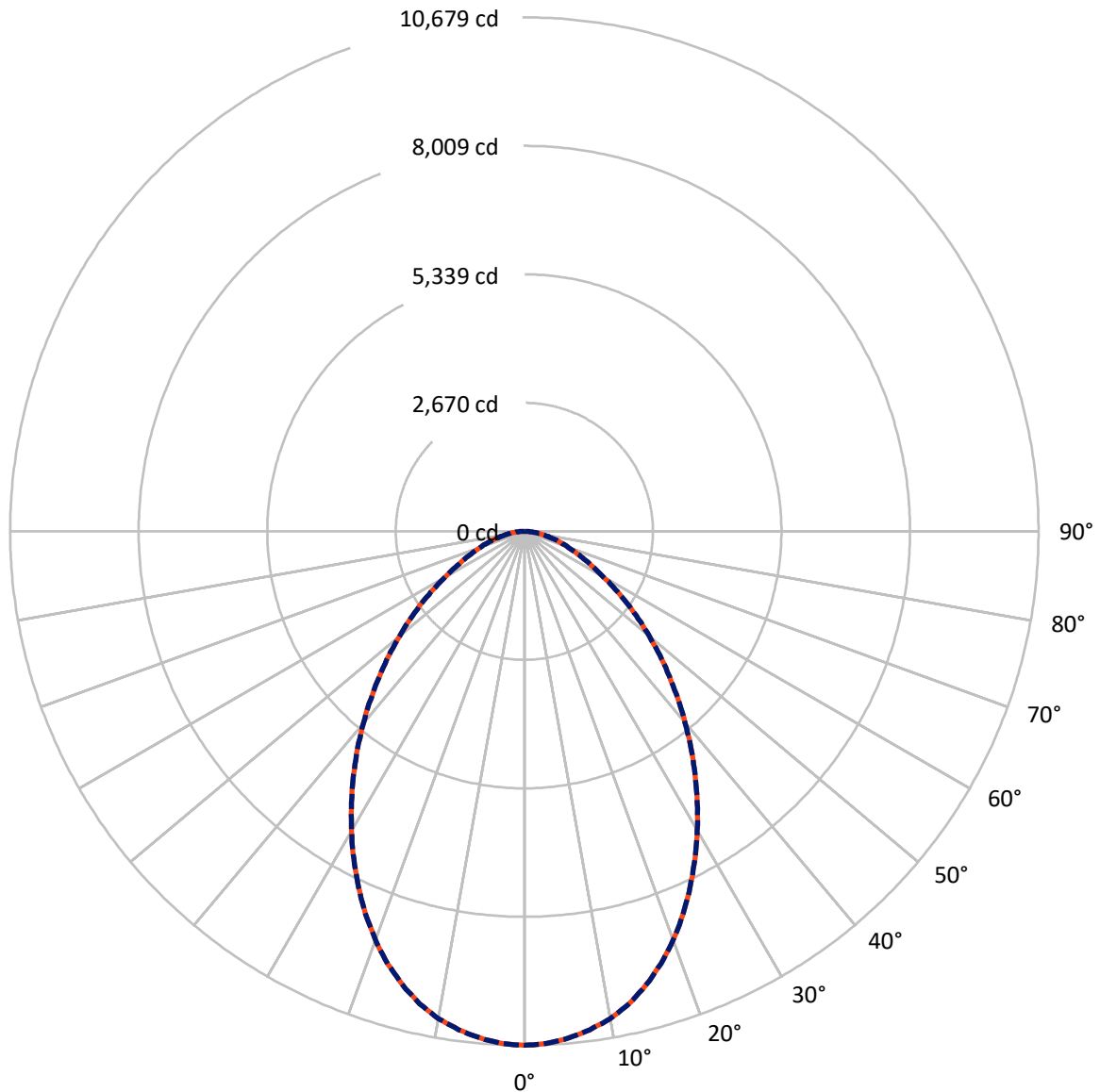
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## Lumen Table



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## Luminous Intensity Polar Plot

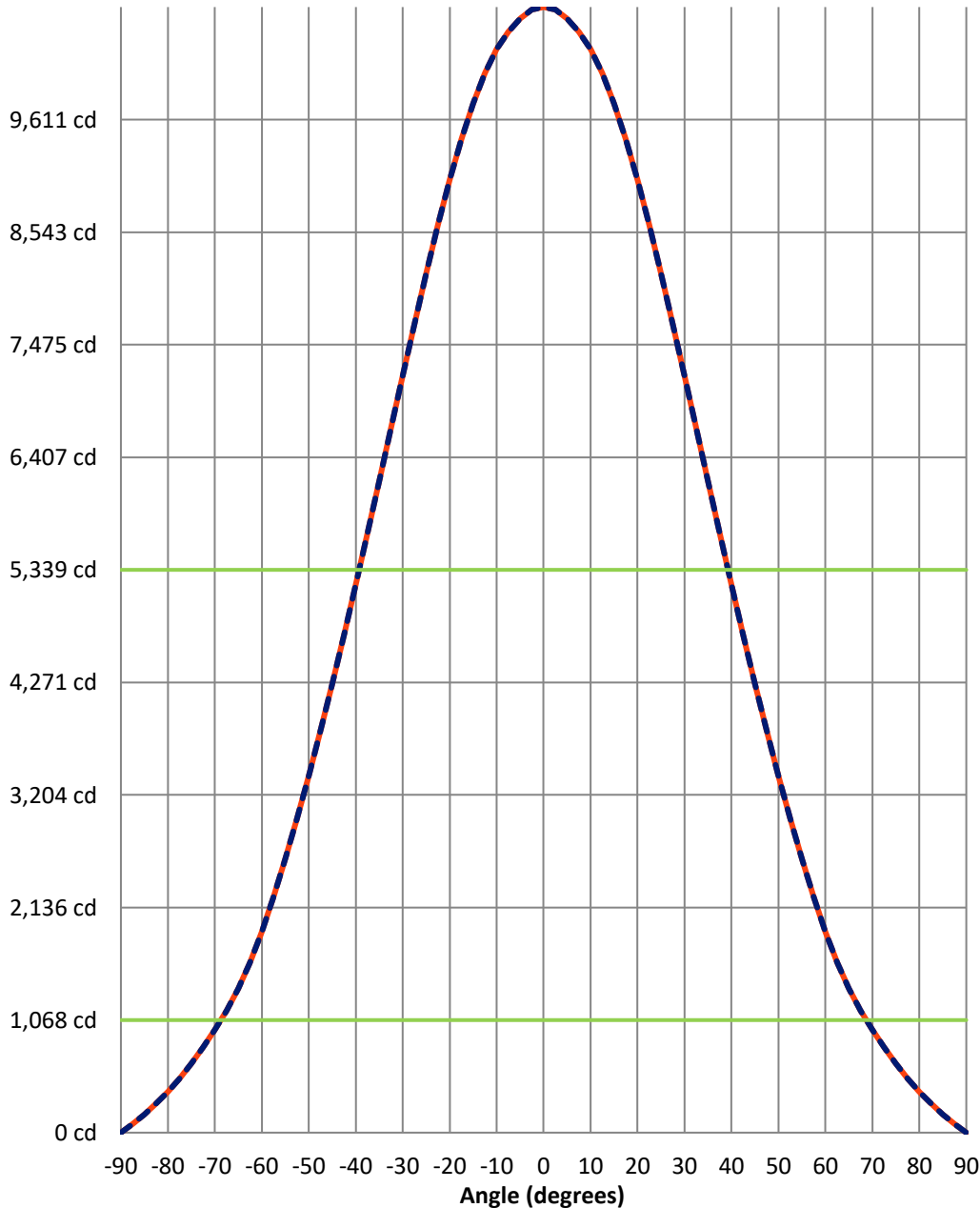


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



**Beam:**  
H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 8319.3  
Efficiency: 43.3%

**Field:**  
H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 13622.6  
Efficiency: 70.9%

**Spill:**  
Lumens: 5604.4  
Efficiency: 29.1%

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



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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° | 82.2    | 82.2    | 82.2    | 82.2    | 82.2    | 82.2    | 82.2   | 78.2   | 78.2   | 76.2   | 74.2   |
| 85°   | 172.4   | 172.4   | 172.4   | 172.4   | 172.4   | 168.4   | 166.4  | 164.4  | 162.4  | 158.4  | 156.4  |
| 82.5° | 276.6   | 276.6   | 276.6   | 276.6   | 272.6   | 268.6   | 266.6  | 262.6  | 258.6  | 252.6  | 246.6  |
| 80°   | 386.9   | 386.9   | 386.9   | 386.9   | 380.9   | 376.9   | 370.9  | 366.8  | 360.8  | 352.8  | 344.8  |
| 77.5° | 513.2   | 513.2   | 513.2   | 507.2   | 503.2   | 497.1   | 491.1  | 483.1  | 475.1  | 465.1  | 453.0  |
| 75°   | 655.5   | 655.5   | 655.5   | 647.5   | 641.5   | 635.5   | 625.4  | 615.4  | 603.4  | 589.4  | 573.3  |
| 72.5° | 809.9   | 809.9   | 809.9   | 799.8   | 793.8   | 783.8   | 771.8  | 757.7  | 743.7  | 725.7  | 705.6  |
| 70°   | 976.2   | 976.2   | 976.2   | 964.2   | 954.2   | 944.2   | 928.1  | 912.1  | 892.1  | 872.0  | 848.0  |
| 67.5° | 1156.7  | 1156.7  | 1156.7  | 1142.6  | 1130.6  | 1116.6  | 1098.5 | 1078.5 | 1054.4 | 1026.4 | 998.3  |
| 65°   | 1367.1  | 1367.1  | 1359.1  | 1347.1  | 1333.1  | 1313.0  | 1291.0 | 1262.9 | 1232.8 | 1196.8 | 1158.7 |
| 62.5° | 1615.7  | 1615.7  | 1603.7  | 1589.7  | 1571.6  | 1545.6  | 1515.5 | 1479.4 | 1437.3 | 1391.2 | 1345.1 |
| 60°   | 1904.4  | 1904.4  | 1890.4  | 1872.3  | 1846.2  | 1814.2  | 1774.1 | 1728.0 | 1675.9 | 1617.7 | 1561.6 |
| 57.5° | 2237.1  | 2237.1  | 2219.1  | 2195.1  | 2163.0  | 2122.9  | 2072.8 | 2014.6 | 1948.5 | 1876.3 | 1806.2 |
| 55°   | 2598.0  | 2598.0  | 2575.9  | 2547.9  | 2509.8  | 2461.7  | 2401.5 | 2333.4 | 2253.2 | 2171.0 | 2080.8 |
| 52.5° | 2980.9  | 2980.9  | 2954.8  | 2922.7  | 2878.6  | 2822.5  | 2754.3 | 2674.2 | 2581.9 | 2485.7 | 2379.5 |
| 50°   | 3383.8  | 3383.8  | 3353.7  | 3317.6  | 3267.5  | 3201.4  | 3123.2 | 3031.0 | 2928.7 | 2816.5 | 2694.2 |
| 47.5° | 3814.8  | 3814.8  | 3780.7  | 3738.6  | 3678.5  | 3602.3  | 3510.1 | 3403.8 | 3287.6 | 3161.3 | 3023.0 |
| 45°   | 4257.8  | 4257.8  | 4219.7  | 4171.6  | 4105.4  | 4019.3  | 3917.0 | 3814.8 | 3666.4 | 3520.1 | 3359.7 |
| 42.5° | 4718.9  | 4718.9  | 4674.8  | 4620.6  | 4544.5  | 4450.2  | 4334.0 | 4201.7 | 4055.3 | 3891.0 | 3716.6 |
| 40°   | 5198.0  | 5198.0  | 5147.8  | 5085.7  | 5001.5  | 4893.3  | 4763.0 | 4614.6 | 4450.2 | 4267.8 | 4075.4 |
| 37.5° | 5687.1  | 5687.1  | 5631.0  | 5562.8  | 5468.6  | 5348.3  | 5202.0 | 5037.6 | 4853.2 | 4650.7 | 4438.2 |
| 35°   | 6180.2  | 6180.2  | 6118.1  | 6043.9  | 5939.7  | 5807.4  | 5649.0 | 5466.6 | 5262.1 | 5041.6 | 4803.1 |
| 32.5° | 6683.4  | 6683.4  | 6615.2  | 6531.0  | 6412.8  | 6266.4  | 6092.0 | 5893.6 | 5687.1 | 5430.5 | 5169.9 |
| 30°   | 7180.5  | 7180.5  | 7106.4  | 7014.1  | 6887.9  | 6727.5  | 6537.0 | 6318.5 | 6076.0 | 5813.4 | 5532.7 |
| 27.5° | 7669.7  | 7649.6  | 7587.5  | 7489.2  | 7350.9  | 7180.5  | 6974.1 | 6737.5 | 6474.9 | 6186.2 | 5885.5 |
| 25°   | 8150.8  | 8128.7  | 8060.6  | 7952.3  | 7804.0  | 7617.5  | 7395.0 | 7142.4 | 6859.8 | 6555.1 | 6226.3 |
| 22.5° | 8611.8  | 8587.8  | 8515.6  | 8399.3  | 8241.0  | 8038.5  | 7800.0 | 7529.3 | 7228.6 | 6901.9 | 6555.1 |
| 20°   | 9038.8  | 9012.7  | 8938.6  | 8816.3  | 8651.9  | 8437.4  | 8184.8 | 7894.2 | 7573.4 | 7228.6 | 6859.8 |
| 17.5° | 9423.7  | 9397.6  | 9319.5  | 9193.2  | 9038.8  | 8800.3  | 8539.7 | 8233.0 | 7894.2 | 7529.3 | 7142.4 |
| 15°   | 9762.5  | 9734.4  | 9654.2  | 9527.9  | 9351.5  | 9127.0  | 8852.4 | 8539.7 | 8184.8 | 7800.0 | 7395.0 |
| 12.5° | 10051.1 | 10023.1 | 9940.9  | 9814.6  | 9632.2  | 9407.7  | 9127.0 | 8800.3 | 8437.4 | 8038.5 | 7617.5 |
| 10°   | 10279.7 | 10251.6 | 10173.4 | 10053.1 | 9864.7  | 9632.2  | 9351.5 | 9038.8 | 8651.9 | 8241.0 | 7804.0 |
| 7.5°  | 10444.0 | 10418.0 | 10345.8 | 10225.5 | 10053.1 | 9814.6  | 9527.9 | 9193.2 | 8816.3 | 8399.3 | 7952.3 |
| 5°    | 10568.3 | 10538.3 | 10466.1 | 10345.8 | 10173.4 | 9940.9  | 9654.2 | 9319.5 | 8938.6 | 8515.6 | 8060.6 |
| 2.5°  | 10654.5 | 10618.4 | 10538.3 | 10418.0 | 10251.6 | 10023.1 | 9734.4 | 9397.6 | 9012.7 | 8587.8 | 8128.7 |
| 0°    | 10678.6 | 10654.5 | 10568.3 | 10444.0 | 10279.7 | 10051.1 | 9762.5 | 9423.7 | 9038.8 | 8611.8 | 8150.8 |

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**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° | 72.2   | 72.2   | 70.2   | 68.2   | 66.2   | 62.1   | 60.1   | 58.1   | 56.1   | 52.1   | 50.1   |
| 85°   | 152.4  | 148.3  | 144.3  | 140.3  | 134.3  | 130.3  | 124.3  | 120.3  | 114.3  | 108.2  | 102.2  |
| 82.5° | 240.6  | 234.5  | 226.5  | 220.5  | 212.5  | 202.5  | 194.4  | 184.4  | 174.4  | 166.4  | 156.4  |
| 80°   | 336.8  | 326.8  | 316.7  | 306.7  | 294.7  | 282.7  | 270.6  | 258.6  | 244.6  | 230.5  | 216.5  |
| 77.5° | 441.0  | 427.0  | 413.0  | 396.9  | 382.9  | 366.8  | 350.8  | 334.8  | 316.7  | 298.7  | 280.6  |
| 75°   | 557.3  | 539.2  | 519.2  | 499.1  | 481.1  | 459.1  | 437.0  | 415.0  | 390.9  | 368.8  | 344.8  |
| 72.5° | 683.6  | 661.5  | 637.5  | 613.4  | 587.4  | 559.3  | 531.2  | 501.2  | 473.1  | 445.0  | 415.0  |
| 70°   | 819.9  | 793.8  | 763.8  | 733.7  | 701.6  | 667.5  | 633.5  | 597.4  | 561.3  | 525.2  | 489.1  |
| 67.5° | 966.2  | 934.2  | 898.1  | 862.0  | 821.9  | 781.8  | 741.7  | 699.6  | 655.5  | 611.4  | 569.3  |
| 65°   | 1122.6 | 1082.5 | 1040.4 | 994.3  | 948.2  | 902.1  | 854.0  | 803.9  | 753.7  | 701.6  | 655.5  |
| 62.5° | 1297.0 | 1246.9 | 1192.7 | 1136.6 | 1084.5 | 1028.4 | 976.2  | 914.1  | 854.0  | 795.8  | 737.7  |
| 60°   | 1499.5 | 1433.3 | 1367.1 | 1297.0 | 1230.8 | 1158.7 | 1094.5 | 1026.4 | 958.2  | 892.1  | 823.9  |
| 57.5° | 1726.0 | 1641.8 | 1561.6 | 1477.4 | 1389.2 | 1309.0 | 1226.8 | 1144.6 | 1068.5 | 990.3  | 916.1  |
| 55°   | 1982.6 | 1880.3 | 1780.1 | 1675.9 | 1573.6 | 1473.4 | 1369.2 | 1276.9 | 1182.7 | 1094.5 | 1008.3 |
| 52.5° | 2263.2 | 2146.9 | 2022.7 | 1904.4 | 1774.1 | 1649.8 | 1533.5 | 1417.3 | 1307.0 | 1200.8 | 1102.5 |
| 50°   | 2563.9 | 2427.6 | 2285.3 | 2140.9 | 1992.6 | 1846.2 | 1705.9 | 1569.6 | 1441.3 | 1317.0 | 1200.8 |
| 47.5° | 2876.6 | 2722.3 | 2559.9 | 2395.5 | 2237.1 | 2058.7 | 1890.4 | 1736.0 | 1581.6 | 1441.3 | 1307.0 |
| 45°   | 3197.4 | 3023.0 | 2844.5 | 2658.1 | 2471.7 | 2279.2 | 2092.8 | 1904.4 | 1736.0 | 1569.6 | 1417.3 |
| 42.5° | 3528.1 | 3331.7 | 3133.2 | 2926.7 | 2720.3 | 2509.8 | 2299.3 | 2092.8 | 1890.4 | 1705.9 | 1533.5 |
| 40°   | 3868.9 | 3652.4 | 3425.9 | 3201.4 | 2980.9 | 2740.3 | 2509.8 | 2279.2 | 2058.7 | 1846.2 | 1649.8 |
| 37.5° | 4209.7 | 3973.1 | 3728.6 | 3476.0 | 3223.4 | 2980.9 | 2720.3 | 2471.7 | 2237.1 | 1992.6 | 1774.1 |
| 35°   | 4552.5 | 4291.9 | 4027.3 | 3752.6 | 3476.0 | 3201.4 | 2926.7 | 2658.1 | 2395.5 | 2140.9 | 1904.4 |
| 32.5° | 4897.3 | 4612.6 | 4319.9 | 4027.3 | 3728.6 | 3425.9 | 3133.2 | 2844.5 | 2559.9 | 2285.3 | 2022.7 |
| 30°   | 5236.1 | 4927.3 | 4612.6 | 4291.9 | 3973.1 | 3652.4 | 3331.7 | 3023.0 | 2722.3 | 2427.6 | 2146.9 |
| 27.5° | 5566.8 | 5236.1 | 4897.3 | 4552.5 | 4209.7 | 3868.9 | 3528.1 | 3197.4 | 2876.6 | 2563.9 | 2263.2 |
| 25°   | 5885.5 | 5532.7 | 5169.9 | 4803.1 | 4438.2 | 4075.4 | 3716.6 | 3359.7 | 3023.0 | 2694.2 | 2379.5 |
| 22.5° | 6186.2 | 5813.4 | 5430.5 | 5041.6 | 4650.7 | 4267.8 | 3891.0 | 3520.1 | 3161.3 | 2816.5 | 2485.7 |
| 20°   | 6474.9 | 6076.0 | 5687.1 | 5262.1 | 4853.2 | 4450.2 | 4055.3 | 3666.4 | 3287.6 | 2928.7 | 2581.9 |
| 17.5° | 6737.5 | 6318.5 | 5893.6 | 5466.6 | 5037.6 | 4614.6 | 4201.7 | 3814.8 | 3403.8 | 3031.0 | 2674.2 |
| 15°   | 6974.1 | 6537.0 | 6092.0 | 5649.0 | 5202.0 | 4763.0 | 4334.0 | 3917.0 | 3510.1 | 3123.2 | 2754.3 |
| 12.5° | 7180.5 | 6727.5 | 6266.4 | 5807.4 | 5348.3 | 4893.3 | 4450.2 | 4019.3 | 3602.3 | 3201.4 | 2822.5 |
| 10°   | 7350.9 | 6887.9 | 6412.8 | 5939.7 | 5468.6 | 5001.5 | 4544.5 | 4105.4 | 3678.5 | 3267.5 | 2878.6 |
| 7.5°  | 7489.2 | 7014.1 | 6531.0 | 6043.9 | 5562.8 | 5085.7 | 4620.6 | 4171.6 | 3738.6 | 3317.6 | 2922.7 |
| 5°    | 7587.5 | 7106.4 | 6615.2 | 6118.1 | 5631.0 | 5147.8 | 4674.8 | 4219.7 | 3780.7 | 3353.7 | 2954.8 |
| 2.5°  | 7649.6 | 7180.5 | 6683.4 | 6180.2 | 5687.1 | 5198.0 | 4718.9 | 4257.8 | 3814.8 | 3383.8 | 2980.9 |
| 0°    | 7669.7 | 7180.5 | 6683.4 | 6180.2 | 5687.1 | 5198.0 | 4718.9 | 4257.8 | 3814.8 | 3383.8 | 2980.9 |

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**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° | 48.1   | 44.1   | 40.1   | 38.1   | 34.1   | 32.1   | 28.1  | 24.1  | 22.1  | 18.0  | 14.0  |
| 85°   | 96.2   | 88.2   | 82.2   | 76.2   | 70.2   | 62.1   | 56.1  | 50.1  | 42.1  | 36.1  | 28.1  |
| 82.5° | 146.3  | 136.3  | 126.3  | 116.3  | 106.2  | 96.2   | 84.2  | 74.2  | 64.1  | 54.1  | 42.1  |
| 80°   | 202.5  | 186.4  | 172.4  | 158.4  | 144.3  | 130.3  | 114.3 | 100.2 | 84.2  | 70.2  | 56.1  |
| 77.5° | 260.6  | 242.6  | 222.5  | 202.5  | 182.4  | 164.4  | 144.3 | 126.3 | 108.2 | 88.2  | 70.2  |
| 75°   | 322.7  | 298.7  | 276.6  | 250.6  | 226.5  | 200.5  | 176.4 | 152.4 | 130.3 | 108.2 | 84.2  |
| 72.5° | 386.9  | 356.8  | 326.8  | 298.7  | 268.6  | 238.5  | 210.5 | 180.4 | 152.4 | 126.3 | 100.2 |
| 70°   | 453.0  | 417.0  | 380.9  | 346.8  | 312.7  | 276.6  | 244.6 | 210.5 | 176.4 | 144.3 | 114.3 |
| 67.5° | 523.2  | 481.1  | 439.0  | 394.9  | 356.8  | 316.7  | 276.6 | 238.5 | 200.5 | 164.4 | 130.3 |
| 65°   | 599.4  | 549.3  | 497.1  | 451.0  | 400.9  | 356.8  | 312.7 | 268.6 | 226.5 | 182.4 | 144.3 |
| 62.5° | 677.6  | 619.4  | 561.3  | 503.2  | 451.0  | 394.9  | 346.8 | 298.7 | 250.6 | 202.5 | 158.4 |
| 60°   | 757.7  | 691.6  | 625.4  | 561.3  | 497.1  | 439.0  | 380.9 | 326.8 | 276.6 | 222.5 | 172.4 |
| 57.5° | 839.9  | 765.8  | 691.6  | 619.4  | 549.3  | 481.1  | 417.0 | 356.8 | 298.7 | 242.6 | 186.4 |
| 55°   | 924.1  | 839.9  | 757.7  | 677.6  | 599.4  | 523.2  | 453.0 | 386.9 | 322.7 | 260.6 | 202.5 |
| 52.5° | 1008.3 | 916.1  | 823.9  | 737.7  | 655.5  | 569.3  | 489.1 | 415.0 | 344.8 | 280.6 | 216.5 |
| 50°   | 1094.5 | 990.3  | 892.1  | 795.8  | 701.6  | 611.4  | 525.2 | 445.0 | 368.8 | 298.7 | 230.5 |
| 47.5° | 1182.7 | 1068.5 | 958.2  | 854.0  | 753.7  | 655.5  | 561.3 | 473.1 | 390.9 | 316.7 | 244.6 |
| 45°   | 1276.9 | 1144.6 | 1026.4 | 914.1  | 803.9  | 699.6  | 597.4 | 501.2 | 415.0 | 334.8 | 258.6 |
| 42.5° | 1369.2 | 1226.8 | 1094.5 | 976.2  | 854.0  | 741.7  | 633.5 | 531.2 | 437.0 | 350.8 | 270.6 |
| 40°   | 1473.4 | 1309.0 | 1158.7 | 1028.4 | 902.1  | 781.8  | 667.5 | 559.3 | 459.1 | 366.8 | 282.7 |
| 37.5° | 1573.6 | 1389.2 | 1230.8 | 1084.5 | 948.2  | 821.9  | 701.6 | 587.4 | 481.1 | 382.9 | 294.7 |
| 35°   | 1675.9 | 1477.4 | 1297.0 | 1136.6 | 994.3  | 862.0  | 733.7 | 613.4 | 499.1 | 396.9 | 306.7 |
| 32.5° | 1780.1 | 1561.6 | 1367.1 | 1192.7 | 1040.4 | 898.1  | 763.8 | 637.5 | 519.2 | 413.0 | 316.7 |
| 30°   | 1880.3 | 1641.8 | 1433.3 | 1246.9 | 1082.5 | 934.2  | 793.8 | 661.5 | 539.2 | 427.0 | 326.8 |
| 27.5° | 1982.6 | 1726.0 | 1499.5 | 1297.0 | 1122.6 | 966.2  | 819.9 | 683.6 | 557.3 | 441.0 | 336.8 |
| 25°   | 2080.8 | 1806.2 | 1561.6 | 1345.1 | 1158.7 | 998.3  | 848.0 | 705.6 | 573.3 | 453.0 | 344.8 |
| 22.5° | 2171.0 | 1876.3 | 1617.7 | 1391.2 | 1196.8 | 1026.4 | 872.0 | 725.7 | 589.4 | 465.1 | 352.8 |
| 20°   | 2253.2 | 1948.5 | 1675.9 | 1437.3 | 1232.8 | 1054.4 | 892.1 | 743.7 | 603.4 | 475.1 | 360.8 |
| 17.5° | 2333.4 | 2014.6 | 1728.0 | 1479.4 | 1262.9 | 1078.5 | 912.1 | 757.7 | 615.4 | 483.1 | 366.8 |
| 15°   | 2401.5 | 2072.8 | 1774.1 | 1515.5 | 1291.0 | 1098.5 | 928.1 | 771.8 | 625.4 | 491.1 | 370.9 |
| 12.5° | 2461.7 | 2122.9 | 1814.2 | 1545.6 | 1313.0 | 1116.6 | 944.2 | 783.8 | 635.5 | 497.1 | 376.9 |
| 10°   | 2509.8 | 2163.0 | 1846.2 | 1571.6 | 1333.1 | 1130.6 | 954.2 | 793.8 | 641.5 | 503.2 | 380.9 |
| 7.5°  | 2547.9 | 2195.1 | 1872.3 | 1589.7 | 1347.1 | 1142.6 | 964.2 | 799.8 | 647.5 | 507.2 | 386.9 |
| 5°    | 2575.9 | 2219.1 | 1890.4 | 1603.7 | 1359.1 | 1156.7 | 976.2 | 809.9 | 655.5 | 513.2 | 386.9 |
| 2.5°  | 2598.0 | 2237.1 | 1904.4 | 1615.7 | 1367.1 | 1156.7 | 976.2 | 809.9 | 655.5 | 513.2 | 386.9 |
| 0°    | 2598.0 | 2237.1 | 1904.4 | 1615.7 | 1367.1 | 1156.7 | 976.2 | 809.9 | 655.5 | 513.2 | 386.9 |

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CATALOG NUMBER: IFLD-S-SA3D-830-U-77

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 10.0  | 8.0   | 4.0   | 0.0 |
| 85°   | 22.1  | 14.0  | 8.0   | 0.0 |
| 82.5° | 32.1  | 22.1  | 10.0  | 0.0 |
| 80°   | 42.1  | 28.1  | 14.0  | 0.0 |
| 77.5° | 54.1  | 36.1  | 18.0  | 0.0 |
| 75°   | 64.1  | 42.1  | 22.1  | 0.0 |
| 72.5° | 74.2  | 50.1  | 24.1  | 0.0 |
| 70°   | 84.2  | 56.1  | 28.1  | 0.0 |
| 67.5° | 96.2  | 62.1  | 32.1  | 0.0 |
| 65°   | 106.2 | 70.2  | 34.1  | 0.0 |
| 62.5° | 116.3 | 76.2  | 38.1  | 0.0 |
| 60°   | 126.3 | 82.2  | 40.1  | 0.0 |
| 57.5° | 136.3 | 88.2  | 44.1  | 0.0 |
| 55°   | 146.3 | 96.2  | 48.1  | 0.0 |
| 52.5° | 156.4 | 102.2 | 50.1  | 0.0 |
| 50°   | 166.4 | 108.2 | 52.1  | 0.0 |
| 47.5° | 174.4 | 114.3 | 56.1  | 0.0 |
| 45°   | 184.4 | 120.3 | 58.1  | 0.0 |
| 42.5° | 194.4 | 124.3 | 60.1  | 0.0 |
| 40°   | 202.5 | 130.3 | 62.1  | 0.0 |
| 37.5° | 212.5 | 134.3 | 66.2  | 0.0 |
| 35°   | 220.5 | 140.3 | 68.2  | 0.0 |
| 32.5° | 226.5 | 144.3 | 70.2  | 0.0 |
| 30°   | 234.5 | 148.3 | 72.2  | 0.0 |
| 27.5° | 240.6 | 152.4 | 72.2  | 0.0 |
| 25°   | 246.6 | 156.4 | 74.2  | 0.0 |
| 22.5° | 252.6 | 158.4 | 76.2  | 0.0 |
| 20°   | 258.6 | 162.4 | 78.2  | 0.0 |
| 17.5° | 262.6 | 164.4 | 78.2  | 0.0 |
| 15°   | 266.6 | 166.4 | 82.2  | 0.0 |
| 12.5° | 268.6 | 168.4 | 82.2  | 0.0 |
| 10°   | 272.6 | 172.4 | 82.2  | 0.0 |
| 7.5°  | 276.6 | 172.4 | 82.2  | 0.0 |
| 5°    | 276.6 | 172.4 | 82.2  | 0.0 |
| 2.5°  | 276.6 | 172.4 | 82.2  | 0.0 |
| 0°    | 276.6 | 172.4 | 82.2  | 0.0 |

(END OF REPORT)