

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: P623121

Luminaire Tested: **IFLD-S-SA6D-750-U-33**

Issue Date: 10/13/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623121  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 10/13/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-750-U-33  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

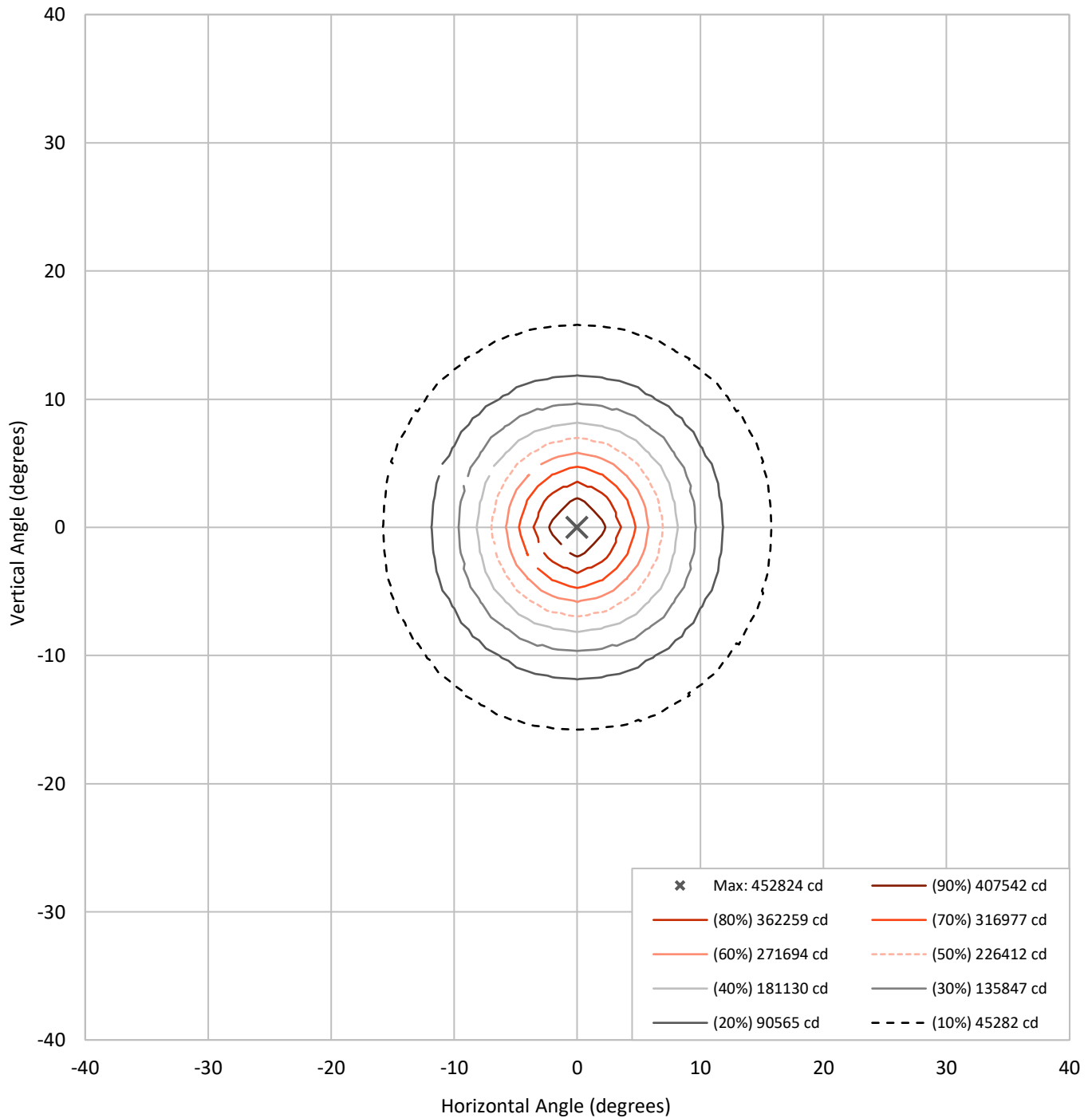
|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 3H x 3V         |
| Luminaire Lumens: | 48663.7 lumens                       | Max Intensity:       | 452824 candela  |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V       |
| Efficacy:         | 132.2 lumens/watt                    |                      |                 |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                 |
| Beam Angle (50%): | 13.8°H x 13.8°V                      | Field Angle (10%):   | 31.4°H x 31.4°V |
| Beam Lumens:      | 10641.4 lumens                       | Field Lumens:        | 24777.7 lumens  |
| Beam Efficiency:  | 21.9%                                | Field Efficiency:    | 50.9%           |

Input Watts (W): 368.2  
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





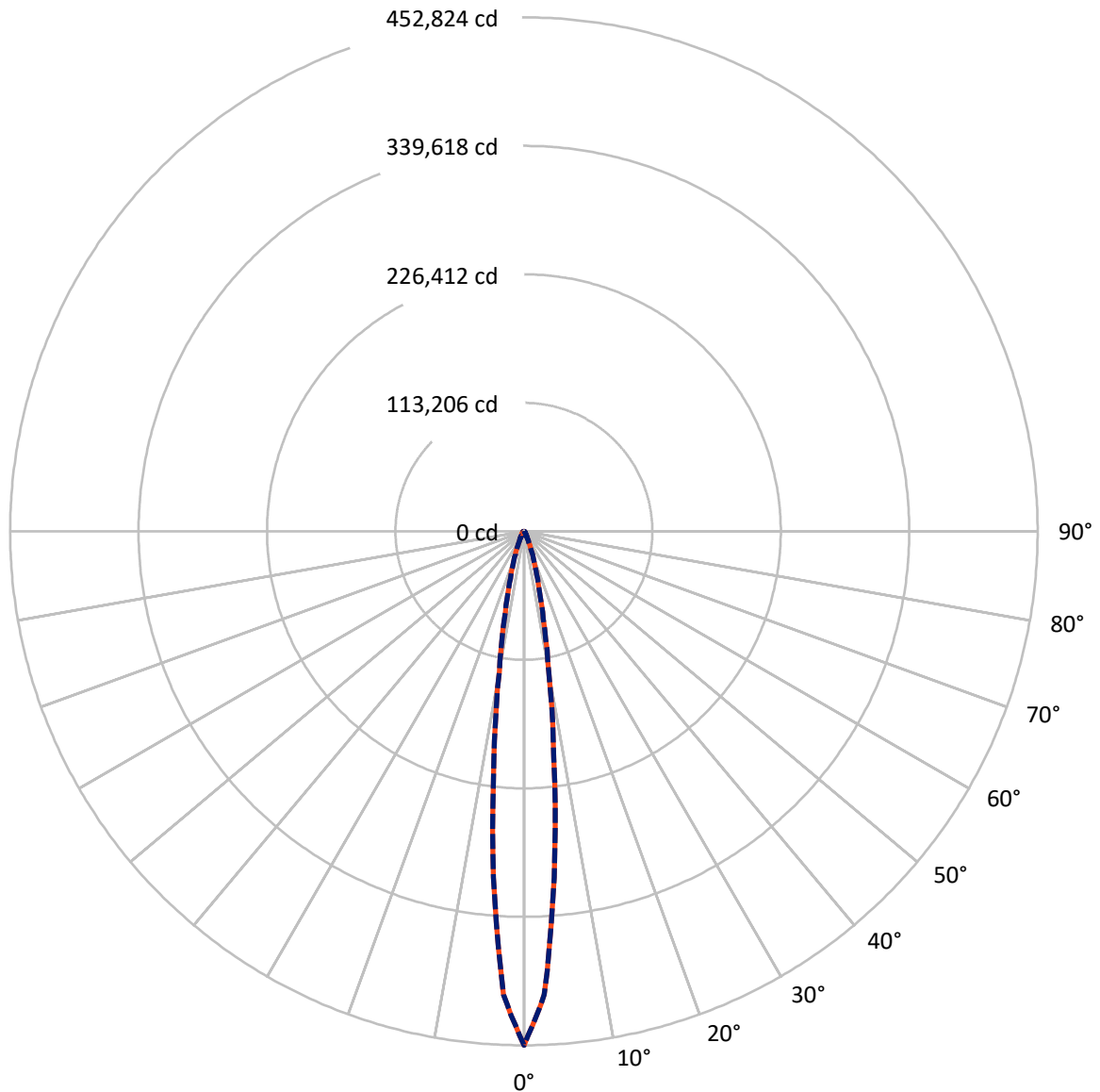
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### Lumen Table

|     |     |      |      |      |      |       |        |        |        |        |       |      |      |      |      |     |
|-----|-----|------|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|------|-----|
| 90  | 0.8 | 6.3  |      | 16.7 |      | 27.2  |        | 31.6   |        | 27.2   |       | 16.7 |      | 6.3  |      | 0.8 |
| 80  | 0.8 | 6.3  |      | 16.7 |      | 27.2  |        | 31.6   |        | 27.2   |       | 16.7 |      | 6.3  |      | 0.8 |
| 70  | 2.9 | 3.2  | 6.7  | 11.2 | 15.9 | 20.0  | 23.1   | 24.8   | 24.8   | 23.1   | 20.0  | 15.9 | 11.2 | 6.7  | 3.2  | 2.9 |
| 60  |     | 5.0  | 10.4 | 16.9 | 23.3 | 28.9  | 33.3   | 35.7   | 35.7   | 33.3   | 28.9  | 23.3 | 16.9 | 10.4 | 5.0  |     |
| 50  | 5.2 | 6.8  | 13.7 | 21.6 | 29.9 | 38.4  | 46.4   | 51.5   | 51.5   | 46.4   | 38.4  | 29.9 | 21.6 | 13.7 | 6.8  | 5.2 |
| 40  |     | 8.3  | 16.4 | 25.8 | 37.9 | 54.2  | 74.1   | 91.1   | 91.1   | 74.1   | 54.2  | 37.9 | 25.8 | 16.4 | 8.3  |     |
| 30  | 7.0 | 9.5  | 18.4 | 30.1 | 49.1 | 86.7  | 177.0  | 302.8  | 302.8  | 177.0  | 86.7  | 49.1 | 30.1 | 18.4 | 9.5  | 7.0 |
| 20  |     | 10.3 | 19.9 | 34.2 | 63.2 | 166.8 | 600.0  | 1490.0 | 1490.0 | 600.0  | 166.8 | 63.2 | 34.2 | 19.9 | 10.3 |     |
| 10  | 7.7 | 10.7 | 20.7 | 36.8 | 75.4 | 278.0 | 1451.8 | 6374.6 | 6374.6 | 1451.8 | 278.0 | 75.4 | 36.8 | 20.7 | 10.7 | 7.7 |
| 0   |     | 10.7 | 20.7 | 36.8 | 75.4 | 278.0 | 1451.8 | 6374.6 | 6374.6 | 1451.8 | 278.0 | 75.4 | 36.8 | 20.7 | 10.7 |     |
| -10 | 7.0 | 10.3 | 19.9 | 34.2 | 63.2 | 166.8 | 600.0  | 1490.0 | 1490.0 | 600.0  | 166.8 | 63.2 | 34.2 | 19.9 | 10.3 | 7.0 |
| -20 |     | 9.5  | 18.4 | 30.1 | 49.1 | 86.7  | 177.0  | 302.8  | 302.8  | 177.0  | 86.7  | 49.1 | 30.1 | 18.4 | 9.5  |     |
| -30 | 5.2 | 8.3  | 16.4 | 25.8 | 37.9 | 54.2  | 74.1   | 91.1   | 91.1   | 74.1   | 54.2  | 37.9 | 25.8 | 16.4 | 8.3  | 5.2 |
| -40 |     | 6.8  | 13.7 | 21.6 | 29.9 | 38.4  | 46.4   | 51.5   | 51.5   | 46.4   | 38.4  | 29.9 | 21.6 | 13.7 | 6.8  |     |
| -50 | 2.9 | 5.0  | 10.4 | 16.9 | 23.3 | 28.9  | 33.3   | 35.7   | 35.7   | 33.3   | 28.9  | 23.3 | 16.9 | 10.4 | 5.0  | 2.9 |
| -60 |     | 3.2  | 6.7  | 11.2 | 15.9 | 20.0  | 23.1   | 24.8   | 24.8   | 23.1   | 20.0  | 15.9 | 11.2 | 6.7  | 3.2  |     |
| -70 | 0.8 | 6.3  |      | 16.7 |      | 27.2  |        | 31.6   |        | 27.2   |       | 16.7 |      | 6.3  |      | 0.8 |
| -80 |     | 6.3  |      | 16.7 |      | 27.2  |        | 31.6   |        | 27.2   |       | 16.7 |      | 6.3  |      |     |
| -90 | 0.8 | 6.3  |      | 16.7 |      | 27.2  |        | 31.6   |        | 27.2   |       | 16.7 |      | 6.3  |      | 0.8 |

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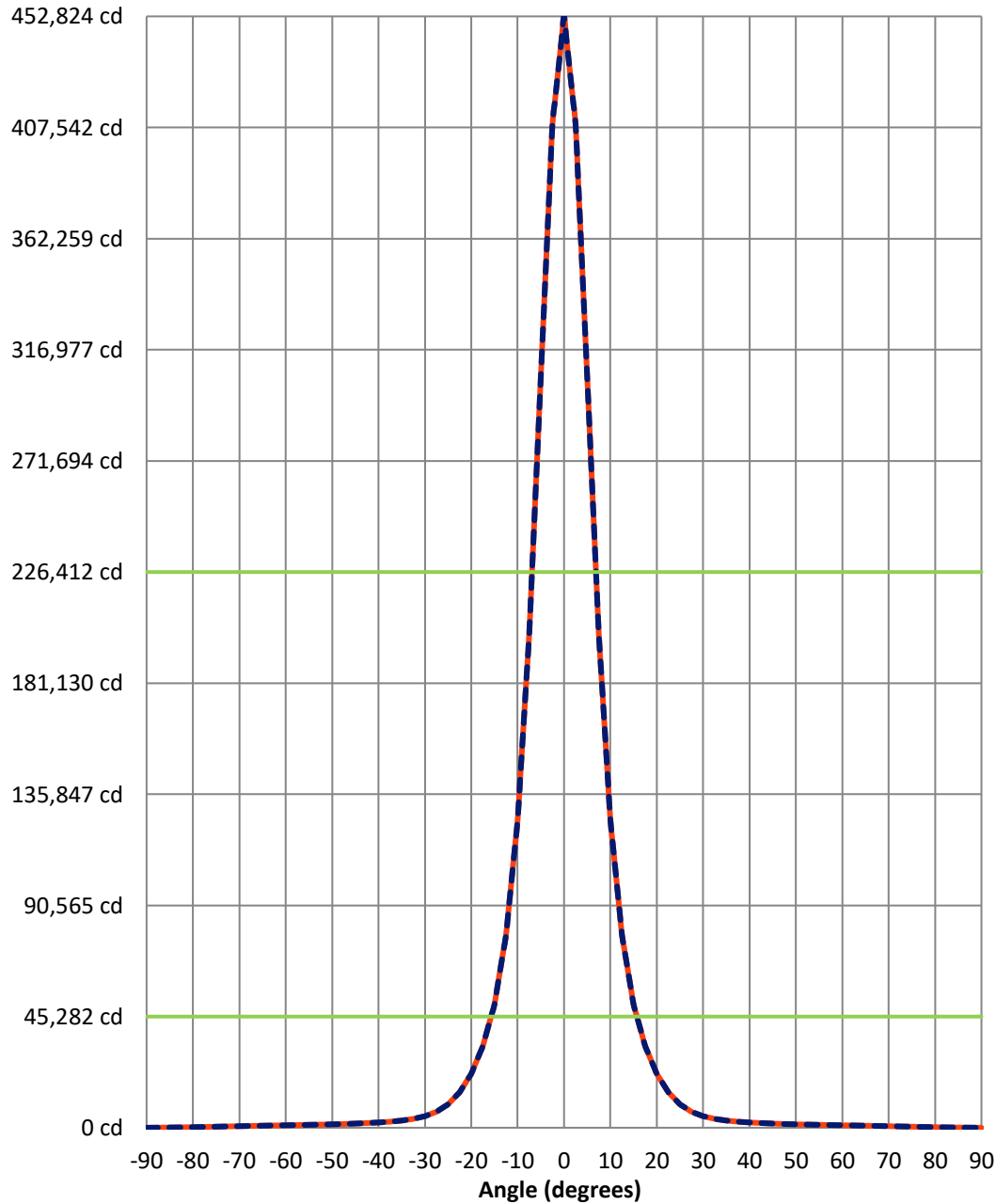
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.8°  
V Angle: 13.8°  
Lumens: 10641.4  
Efficiency: 21.9%

**Field:**  
H Angle: 31.4°  
V Angle: 31.4°  
Lumens: 24777.7  
Efficiency: 50.9%

**Spill:**  
Lumens: 23886.1  
Efficiency: 49.1%

— 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° | 40.5     | 40.5     | 40.5     | 40.5     | 40.5     | 40.5    | 40.5    | 40.5    | 40.5    | 35.4    | 35.4   |
| 85°   | 91.1     | 91.1     | 91.1     | 91.1     | 91.1     | 91.1    | 86.1    | 86.1    | 86.1    | 81.0    | 81.0   |
| 82.5° | 151.9    | 151.9    | 151.9    | 151.9    | 146.8    | 146.8   | 146.8   | 141.8   | 141.8   | 136.7   | 136.7  |
| 80°   | 232.9    | 232.9    | 232.9    | 232.9    | 227.8    | 222.8   | 222.8   | 217.7   | 212.6   | 207.6   | 202.5  |
| 77.5° | 318.9    | 318.9    | 318.9    | 313.9    | 313.9    | 308.8   | 303.8   | 298.7   | 293.6   | 283.5   | 278.4  |
| 75°   | 420.2    | 420.2    | 420.2    | 415.1    | 410.1    | 405.0   | 399.9   | 389.8   | 384.8   | 374.6   | 364.5  |
| 72.5° | 526.5    | 526.5    | 526.5    | 521.5    | 516.4    | 506.3   | 501.2   | 491.1   | 481.0   | 465.8   | 455.6  |
| 70°   | 627.8    | 627.8    | 627.8    | 622.7    | 612.6    | 607.5   | 597.4   | 587.3   | 577.1   | 562.0   | 546.8  |
| 67.5° | 729.0    | 729.0    | 729.0    | 718.9    | 713.8    | 708.8   | 698.6   | 683.5   | 673.3   | 658.1   | 637.9  |
| 65°   | 825.2    | 825.2    | 820.1    | 815.1    | 810.0    | 799.9   | 789.8   | 779.6   | 764.5   | 749.3   | 729.0  |
| 62.5° | 921.4    | 921.4    | 916.3    | 911.3    | 906.2    | 896.1   | 880.9   | 870.8   | 850.5   | 835.3   | 815.1  |
| 60°   | 1002.4   | 1002.4   | 997.3    | 992.3    | 987.2    | 977.1   | 967.0   | 951.8   | 936.6   | 921.4   | 901.2  |
| 57.5° | 1088.5   | 1088.5   | 1083.4   | 1078.3   | 1068.2   | 1058.1  | 1048.0  | 1032.8  | 1012.5  | 992.3   | 977.1  |
| 55°   | 1184.7   | 1184.7   | 1179.6   | 1169.5   | 1159.3   | 1149.2  | 1134.0  | 1113.8  | 1093.5  | 1073.3  | 1048.0 |
| 52.5° | 1275.8   | 1275.8   | 1270.7   | 1260.6   | 1250.5   | 1240.4  | 1220.1  | 1204.9  | 1179.6  | 1154.3  | 1123.9 |
| 50°   | 1387.2   | 1387.2   | 1377.0   | 1366.9   | 1356.8   | 1336.5  | 1316.3  | 1291.0  | 1265.7  | 1235.3  | 1210.0 |
| 47.5° | 1513.7   | 1513.7   | 1503.6   | 1493.5   | 1473.2   | 1453.0  | 1422.6  | 1392.2  | 1361.9  | 1326.4  | 1285.9 |
| 45°   | 1690.9   | 1690.9   | 1675.7   | 1655.5   | 1630.2   | 1594.7  | 1554.2  | 1513.7  | 1468.2  | 1427.7  | 1382.1 |
| 42.5° | 1908.6   | 1908.6   | 1888.4   | 1863.1   | 1827.6   | 1782.1  | 1726.4  | 1670.7  | 1609.9  | 1544.1  | 1483.4 |
| 40°   | 2136.4   | 2136.4   | 2111.1   | 2085.8   | 2045.3   | 1989.6  | 1928.9  | 1858.0  | 1782.1  | 1696.0  | 1620.0 |
| 37.5° | 2450.3   | 2450.3   | 2414.9   | 2369.3   | 2308.6   | 2232.6  | 2141.5  | 2060.5  | 1974.4  | 1878.2  | 1777.0 |
| 35°   | 2916.1   | 2916.1   | 2860.4   | 2784.5   | 2688.3   | 2561.7  | 2425.0  | 2308.6  | 2176.9  | 2060.5  | 1949.1 |
| 32.5° | 3604.6   | 3604.6   | 3508.4   | 3397.0   | 3235.0   | 3032.5  | 2835.1  | 2647.8  | 2450.3  | 2283.3  | 2121.3 |
| 30°   | 4688.0   | 4688.0   | 4526.0   | 4323.5   | 4050.1   | 3700.8  | 3407.2  | 3103.4  | 2814.8  | 2571.8  | 2349.1 |
| 27.5° | 6490.3   | 6414.4   | 6191.6   | 5822.1   | 5315.8   | 4688.0  | 4237.4  | 3726.1  | 3321.1  | 2926.2  | 2637.6 |
| 25°   | 9527.9   | 9386.2   | 8966.0   | 8272.4   | 7335.8   | 6297.9  | 5477.8  | 4607.0  | 3989.4  | 3427.4  | 2976.8 |
| 22.5° | 14464.0  | 14205.8  | 13436.3  | 12180.7  | 10484.8  | 8824.2  | 7310.5  | 5968.9  | 4865.2  | 4080.5  | 3427.4 |
| 20°   | 21977.0  | 21526.4  | 20200.0  | 18053.4  | 15157.6  | 12590.8 | 9892.4  | 7902.8  | 6135.9  | 4865.2  | 3989.4 |
| 17.5° | 33266.7  | 32487.0  | 30203.8  | 26523.2  | 21977.0  | 17795.2 | 13684.4 | 10408.8 | 7902.8  | 5968.9  | 4607.0 |
| 15°   | 50155.7  | 48788.8  | 44799.4  | 38455.9  | 31170.8  | 24538.7 | 18701.4 | 13684.4 | 9892.4  | 7310.5  | 5477.8 |
| 12.5° | 78511.6  | 75747.4  | 67758.6  | 55299.4  | 43685.6  | 32785.7 | 24538.7 | 17795.2 | 12590.8 | 8824.2  | 6297.9 |
| 10°   | 125361.4 | 119650.8 | 103455.3 | 78942.0  | 60296.2  | 43685.6 | 31170.8 | 21977.0 | 15157.6 | 10484.8 | 7335.8 |
| 7.5°  | 201301.2 | 189044.5 | 155555.1 | 114279.3 | 78942.0  | 55299.4 | 38455.9 | 26523.2 | 18053.4 | 12180.7 | 8272.4 |
| 5°    | 306042.5 | 281377.2 | 219461.0 | 155555.1 | 103455.3 | 67758.6 | 44799.4 | 30203.8 | 20200.0 | 13436.3 | 8966.0 |
| 2.5°  | 408733.3 | 366222.2 | 281377.2 | 189044.5 | 119650.8 | 75747.4 | 48788.8 | 32487.0 | 21526.4 | 14205.8 | 9386.2 |
| 0°    | 452824.0 | 408733.3 | 306042.5 | 201301.2 | 125361.4 | 78511.6 | 50155.7 | 33266.7 | 21977.0 | 14464.0 | 9527.9 |



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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° | 35.4   | 35.4   | 35.4   | 35.4   | 30.4   | 30.4   | 30.4   | 30.4   | 25.3   | 25.3   | 25.3   |
| 85°   | 81.0   | 75.9   | 75.9   | 70.9   | 70.9   | 65.8   | 65.8   | 60.8   | 60.8   | 55.7   | 50.6   |
| 82.5° | 131.6  | 126.6  | 121.5  | 116.4  | 116.4  | 111.4  | 106.3  | 96.2   | 91.1   | 86.1   | 81.0   |
| 80°   | 197.4  | 187.3  | 182.3  | 172.1  | 167.1  | 156.9  | 146.8  | 141.8  | 131.6  | 126.6  | 116.4  |
| 77.5° | 268.3  | 258.2  | 253.1  | 237.9  | 227.8  | 217.7  | 207.6  | 192.4  | 182.3  | 167.1  | 151.9  |
| 75°   | 349.3  | 339.2  | 324.0  | 308.8  | 298.7  | 283.5  | 268.3  | 253.1  | 232.9  | 217.7  | 202.5  |
| 72.5° | 440.5  | 425.3  | 410.1  | 389.8  | 369.6  | 354.4  | 329.1  | 308.8  | 293.6  | 273.4  | 253.1  |
| 70°   | 531.6  | 516.4  | 496.1  | 475.9  | 450.6  | 430.3  | 405.0  | 379.7  | 354.4  | 329.1  | 303.8  |
| 67.5° | 622.7  | 602.5  | 582.2  | 556.9  | 531.6  | 506.3  | 481.0  | 450.6  | 420.2  | 389.8  | 359.4  |
| 65°   | 708.8  | 688.5  | 663.2  | 637.9  | 612.6  | 582.2  | 551.8  | 521.5  | 486.0  | 450.6  | 420.2  |
| 62.5° | 794.8  | 769.5  | 744.2  | 718.9  | 688.5  | 658.1  | 627.8  | 587.3  | 551.8  | 516.4  | 475.9  |
| 60°   | 875.8  | 850.5  | 825.2  | 794.8  | 764.5  | 729.0  | 693.6  | 658.1  | 617.6  | 577.1  | 536.6  |
| 57.5° | 951.8  | 926.5  | 901.2  | 865.7  | 835.3  | 799.9  | 759.4  | 724.0  | 678.4  | 637.9  | 592.3  |
| 55°   | 1022.7 | 997.3  | 967.0  | 936.6  | 906.2  | 865.7  | 825.2  | 784.7  | 739.1  | 693.6  | 643.0  |
| 52.5° | 1093.5 | 1063.2 | 1032.8 | 1002.4 | 967.0  | 931.5  | 891.0  | 845.5  | 799.9  | 749.3  | 698.6  |
| 50°   | 1174.5 | 1139.1 | 1098.6 | 1063.2 | 1022.7 | 987.2  | 946.7  | 901.2  | 855.6  | 799.9  | 749.3  |
| 47.5° | 1250.5 | 1215.0 | 1174.5 | 1129.0 | 1088.5 | 1042.9 | 997.3  | 956.8  | 906.2  | 855.6  | 799.9  |
| 45°   | 1336.5 | 1285.9 | 1245.4 | 1199.8 | 1149.2 | 1098.6 | 1053.0 | 1002.4 | 956.8  | 901.2  | 845.5  |
| 42.5° | 1427.7 | 1372.0 | 1316.3 | 1260.6 | 1215.0 | 1159.3 | 1103.7 | 1053.0 | 997.3  | 946.7  | 891.0  |
| 40°   | 1534.0 | 1468.2 | 1397.3 | 1336.5 | 1275.8 | 1220.1 | 1159.3 | 1098.6 | 1042.9 | 987.2  | 931.5  |
| 37.5° | 1670.7 | 1579.5 | 1488.4 | 1412.5 | 1341.6 | 1275.8 | 1215.0 | 1149.2 | 1088.5 | 1022.7 | 967.0  |
| 35°   | 1832.7 | 1706.1 | 1599.8 | 1493.5 | 1412.5 | 1336.5 | 1260.6 | 1199.8 | 1129.0 | 1063.2 | 1002.4 |
| 32.5° | 1994.7 | 1858.0 | 1721.3 | 1599.8 | 1488.4 | 1397.3 | 1316.3 | 1245.4 | 1174.5 | 1098.6 | 1032.8 |
| 30°   | 2161.8 | 2009.9 | 1858.0 | 1706.1 | 1579.5 | 1468.2 | 1372.0 | 1285.9 | 1215.0 | 1139.1 | 1063.2 |
| 27.5° | 2374.4 | 2161.8 | 1994.7 | 1832.7 | 1670.7 | 1534.0 | 1427.7 | 1336.5 | 1250.5 | 1174.5 | 1093.5 |
| 25°   | 2637.6 | 2349.1 | 2121.3 | 1949.1 | 1777.0 | 1620.0 | 1483.4 | 1382.1 | 1285.9 | 1210.0 | 1123.9 |
| 22.5° | 2926.2 | 2571.8 | 2283.3 | 2060.5 | 1878.2 | 1696.0 | 1544.1 | 1427.7 | 1326.4 | 1235.3 | 1154.3 |
| 20°   | 3321.1 | 2814.8 | 2450.3 | 2176.9 | 1974.4 | 1782.1 | 1609.9 | 1468.2 | 1361.9 | 1265.7 | 1179.6 |
| 17.5° | 3726.1 | 3103.4 | 2647.8 | 2308.6 | 2060.5 | 1858.0 | 1670.7 | 1513.7 | 1392.2 | 1291.0 | 1204.9 |
| 15°   | 4237.4 | 3407.2 | 2835.1 | 2425.0 | 2141.5 | 1928.9 | 1726.4 | 1554.2 | 1422.6 | 1316.3 | 1220.1 |
| 12.5° | 4688.0 | 3700.8 | 3032.5 | 2561.7 | 2232.6 | 1989.6 | 1782.1 | 1594.7 | 1453.0 | 1336.5 | 1240.4 |
| 10°   | 5315.8 | 4050.1 | 3235.0 | 2688.3 | 2308.6 | 2045.3 | 1827.6 | 1630.2 | 1473.2 | 1356.8 | 1250.5 |
| 7.5°  | 5822.1 | 4323.5 | 3397.0 | 2784.5 | 2369.3 | 2085.8 | 1863.1 | 1655.5 | 1493.5 | 1366.9 | 1260.6 |
| 5°    | 6191.6 | 4526.0 | 3508.4 | 2860.4 | 2414.9 | 2111.1 | 1888.4 | 1675.7 | 1503.6 | 1377.0 | 1270.7 |
| 2.5°  | 6414.4 | 4688.0 | 3604.6 | 2916.1 | 2450.3 | 2136.4 | 1908.6 | 1690.9 | 1513.7 | 1387.2 | 1275.8 |
| 0°    | 6490.3 | 4688.0 | 3604.6 | 2916.1 | 2450.3 | 2136.4 | 1908.6 | 1690.9 | 1513.7 | 1387.2 | 1275.8 |





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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° | 25.3   | 20.3   | 20.3   | 20.3  | 15.2  | 15.2  | 15.2  | 10.1  | 10.1  | 10.1  | 5.1   |
| 85°   | 45.6   | 45.6   | 40.5   | 35.4  | 35.4  | 30.4  | 25.3  | 25.3  | 20.3  | 15.2  | 15.2  |
| 82.5° | 75.9   | 70.9   | 65.8   | 60.8  | 55.7  | 45.6  | 40.5  | 35.4  | 30.4  | 25.3  | 20.3  |
| 80°   | 106.3  | 101.3  | 91.1   | 81.0  | 75.9  | 65.8  | 60.8  | 50.6  | 40.5  | 35.4  | 30.4  |
| 77.5° | 141.8  | 131.6  | 121.5  | 111.4 | 96.2  | 86.1  | 75.9  | 65.8  | 55.7  | 45.6  | 35.4  |
| 75°   | 187.3  | 167.1  | 151.9  | 136.7 | 121.5 | 106.3 | 91.1  | 81.0  | 65.8  | 55.7  | 40.5  |
| 72.5° | 232.9  | 212.6  | 187.3  | 167.1 | 146.8 | 131.6 | 111.4 | 96.2  | 81.0  | 65.8  | 50.6  |
| 70°   | 278.4  | 253.1  | 227.8  | 202.5 | 177.2 | 151.9 | 131.6 | 111.4 | 91.1  | 75.9  | 60.8  |
| 67.5° | 324.0  | 298.7  | 268.3  | 237.9 | 212.6 | 182.3 | 151.9 | 131.6 | 106.3 | 86.1  | 65.8  |
| 65°   | 379.7  | 344.3  | 308.8  | 278.4 | 243.0 | 212.6 | 177.2 | 146.8 | 121.5 | 96.2  | 75.9  |
| 62.5° | 435.4  | 394.9  | 354.4  | 313.9 | 278.4 | 237.9 | 202.5 | 167.1 | 136.7 | 111.4 | 81.0  |
| 60°   | 491.1  | 445.5  | 399.9  | 354.4 | 308.8 | 268.3 | 227.8 | 187.3 | 151.9 | 121.5 | 91.1  |
| 57.5° | 546.8  | 496.1  | 445.5  | 394.9 | 344.3 | 298.7 | 253.1 | 212.6 | 167.1 | 131.6 | 101.3 |
| 55°   | 597.4  | 546.8  | 491.1  | 435.4 | 379.7 | 324.0 | 278.4 | 232.9 | 187.3 | 141.8 | 106.3 |
| 52.5° | 643.0  | 592.3  | 536.6  | 475.9 | 420.2 | 359.4 | 303.8 | 253.1 | 202.5 | 151.9 | 116.4 |
| 50°   | 693.6  | 637.9  | 577.1  | 516.4 | 450.6 | 389.8 | 329.1 | 273.4 | 217.7 | 167.1 | 126.6 |
| 47.5° | 739.1  | 678.4  | 617.6  | 551.8 | 486.0 | 420.2 | 354.4 | 293.6 | 232.9 | 182.3 | 131.6 |
| 45°   | 784.7  | 724.0  | 658.1  | 587.3 | 521.5 | 450.6 | 379.7 | 308.8 | 253.1 | 192.4 | 141.8 |
| 42.5° | 825.2  | 759.4  | 693.6  | 627.8 | 551.8 | 481.0 | 405.0 | 329.1 | 268.3 | 207.6 | 146.8 |
| 40°   | 865.7  | 799.9  | 729.0  | 658.1 | 582.2 | 506.3 | 430.3 | 354.4 | 283.5 | 217.7 | 156.9 |
| 37.5° | 906.2  | 835.3  | 764.5  | 688.5 | 612.6 | 531.6 | 450.6 | 369.6 | 298.7 | 227.8 | 167.1 |
| 35°   | 936.6  | 865.7  | 794.8  | 718.9 | 637.9 | 556.9 | 475.9 | 389.8 | 308.8 | 237.9 | 172.1 |
| 32.5° | 967.0  | 901.2  | 825.2  | 744.2 | 663.2 | 582.2 | 496.1 | 410.1 | 324.0 | 253.1 | 182.3 |
| 30°   | 997.3  | 926.5  | 850.5  | 769.5 | 688.5 | 602.5 | 516.4 | 425.3 | 339.2 | 258.2 | 187.3 |
| 27.5° | 1022.7 | 951.8  | 875.8  | 794.8 | 708.8 | 622.7 | 531.6 | 440.5 | 349.3 | 268.3 | 197.4 |
| 25°   | 1048.0 | 977.1  | 901.2  | 815.1 | 729.0 | 637.9 | 546.8 | 455.6 | 364.5 | 278.4 | 202.5 |
| 22.5° | 1073.3 | 992.3  | 921.4  | 835.3 | 749.3 | 658.1 | 562.0 | 465.8 | 374.6 | 283.5 | 207.6 |
| 20°   | 1093.5 | 1012.5 | 936.6  | 850.5 | 764.5 | 673.3 | 577.1 | 481.0 | 384.8 | 293.6 | 212.6 |
| 17.5° | 1113.8 | 1032.8 | 951.8  | 870.8 | 779.6 | 683.5 | 587.3 | 491.1 | 389.8 | 298.7 | 217.7 |
| 15°   | 1134.0 | 1048.0 | 967.0  | 880.9 | 789.8 | 698.6 | 597.4 | 501.2 | 399.9 | 303.8 | 222.8 |
| 12.5° | 1149.2 | 1058.1 | 977.1  | 896.1 | 799.9 | 708.8 | 607.5 | 506.3 | 405.0 | 308.8 | 222.8 |
| 10°   | 1159.3 | 1068.2 | 987.2  | 906.2 | 810.0 | 713.8 | 612.6 | 516.4 | 410.1 | 313.9 | 227.8 |
| 7.5°  | 1169.5 | 1078.3 | 992.3  | 911.3 | 815.1 | 718.9 | 622.7 | 521.5 | 415.1 | 313.9 | 232.9 |
| 5°    | 1179.6 | 1083.4 | 997.3  | 916.3 | 820.1 | 729.0 | 627.8 | 526.5 | 420.2 | 318.9 | 232.9 |
| 2.5°  | 1184.7 | 1088.5 | 1002.4 | 921.4 | 825.2 | 729.0 | 627.8 | 526.5 | 420.2 | 318.9 | 232.9 |
| 0°    | 1184.7 | 1088.5 | 1002.4 | 921.4 | 825.2 | 729.0 | 627.8 | 526.5 | 420.2 | 318.9 | 232.9 |



REPORT NUMBER: P623121  
 CATALOG NUMBER: IFLD-S-SA6D-750-U-33

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 5.1   | 5.1  | 0.0   | 0.0 |
| 85°   | 10.1  | 5.1  | 5.1   | 0.0 |
| 82.5° | 15.2  | 10.1 | 5.1   | 0.0 |
| 80°   | 20.3  | 15.2 | 5.1   | 0.0 |
| 77.5° | 25.3  | 15.2 | 10.1  | 0.0 |
| 75°   | 30.4  | 20.3 | 10.1  | 0.0 |
| 72.5° | 35.4  | 25.3 | 10.1  | 0.0 |
| 70°   | 40.5  | 25.3 | 15.2  | 0.0 |
| 67.5° | 45.6  | 30.4 | 15.2  | 0.0 |
| 65°   | 55.7  | 35.4 | 15.2  | 0.0 |
| 62.5° | 60.8  | 35.4 | 20.3  | 0.0 |
| 60°   | 65.8  | 40.5 | 20.3  | 0.0 |
| 57.5° | 70.9  | 45.6 | 20.3  | 0.0 |
| 55°   | 75.9  | 45.6 | 25.3  | 0.0 |
| 52.5° | 81.0  | 50.6 | 25.3  | 0.0 |
| 50°   | 86.1  | 55.7 | 25.3  | 0.0 |
| 47.5° | 91.1  | 60.8 | 25.3  | 0.0 |
| 45°   | 96.2  | 60.8 | 30.4  | 0.0 |
| 42.5° | 106.3 | 65.8 | 30.4  | 0.0 |
| 40°   | 111.4 | 65.8 | 30.4  | 0.0 |
| 37.5° | 116.4 | 70.9 | 30.4  | 0.0 |
| 35°   | 116.4 | 70.9 | 35.4  | 0.0 |
| 32.5° | 121.5 | 75.9 | 35.4  | 0.0 |
| 30°   | 126.6 | 75.9 | 35.4  | 0.0 |
| 27.5° | 131.6 | 81.0 | 35.4  | 0.0 |
| 25°   | 136.7 | 81.0 | 35.4  | 0.0 |
| 22.5° | 136.7 | 81.0 | 35.4  | 0.0 |
| 20°   | 141.8 | 86.1 | 40.5  | 0.0 |
| 17.5° | 141.8 | 86.1 | 40.5  | 0.0 |
| 15°   | 146.8 | 86.1 | 40.5  | 0.0 |
| 12.5° | 146.8 | 91.1 | 40.5  | 0.0 |
| 10°   | 146.8 | 91.1 | 40.5  | 0.0 |
| 7.5°  | 151.9 | 91.1 | 40.5  | 0.0 |
| 5°    | 151.9 | 91.1 | 40.5  | 0.0 |
| 2.5°  | 151.9 | 91.1 | 40.5  | 0.0 |
| 0°    | 151.9 | 91.1 | 40.5  | 0.0 |

(END OF REPORT)