

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: P623209

Luminaire Tested: **IFLD-S-SA6E-830-U-33**

Issue Date: 10/13/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623209  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 10/13/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6E-830-U-33  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens  
Light Source: (96) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                      |                      |                  |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 3H x 3V          |
| Luminaire Lumens: | 43748.1 lumens                       | Max Intensity:       | 407083.3 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 94.2 lumens/watt                     |                      |                  |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |

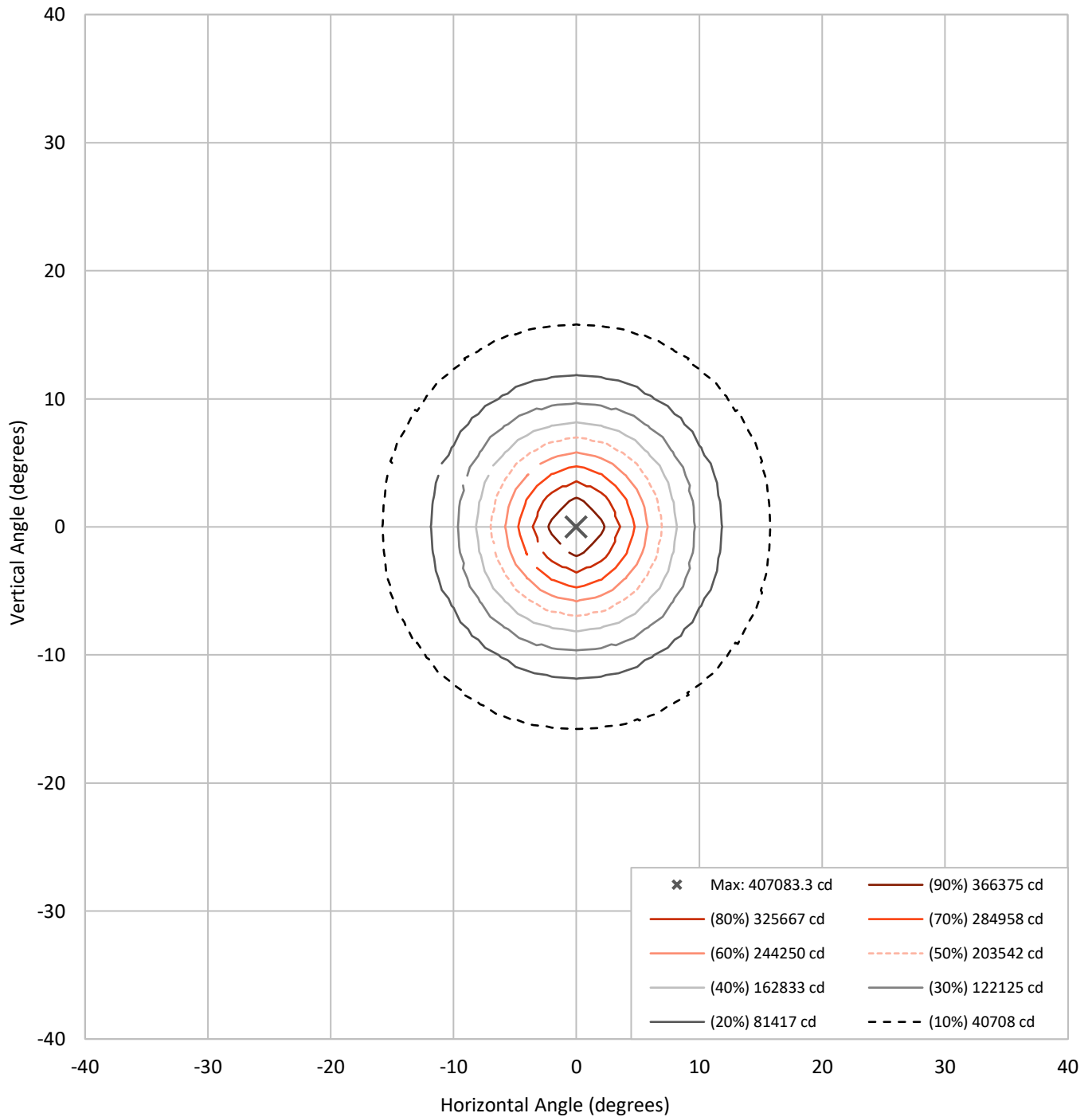
|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 13.8°H x 13.8°V | Field Angle (10%): | 31.4°H x 31.4°V |
| Beam Lumens:      | 9566.5 lumens   | Field Lumens:      | 22274.8 lumens  |
| Beam Efficiency:  | 21.9%           | Field Efficiency:  | 50.9%           |

Input Watts (W): 464.2  
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





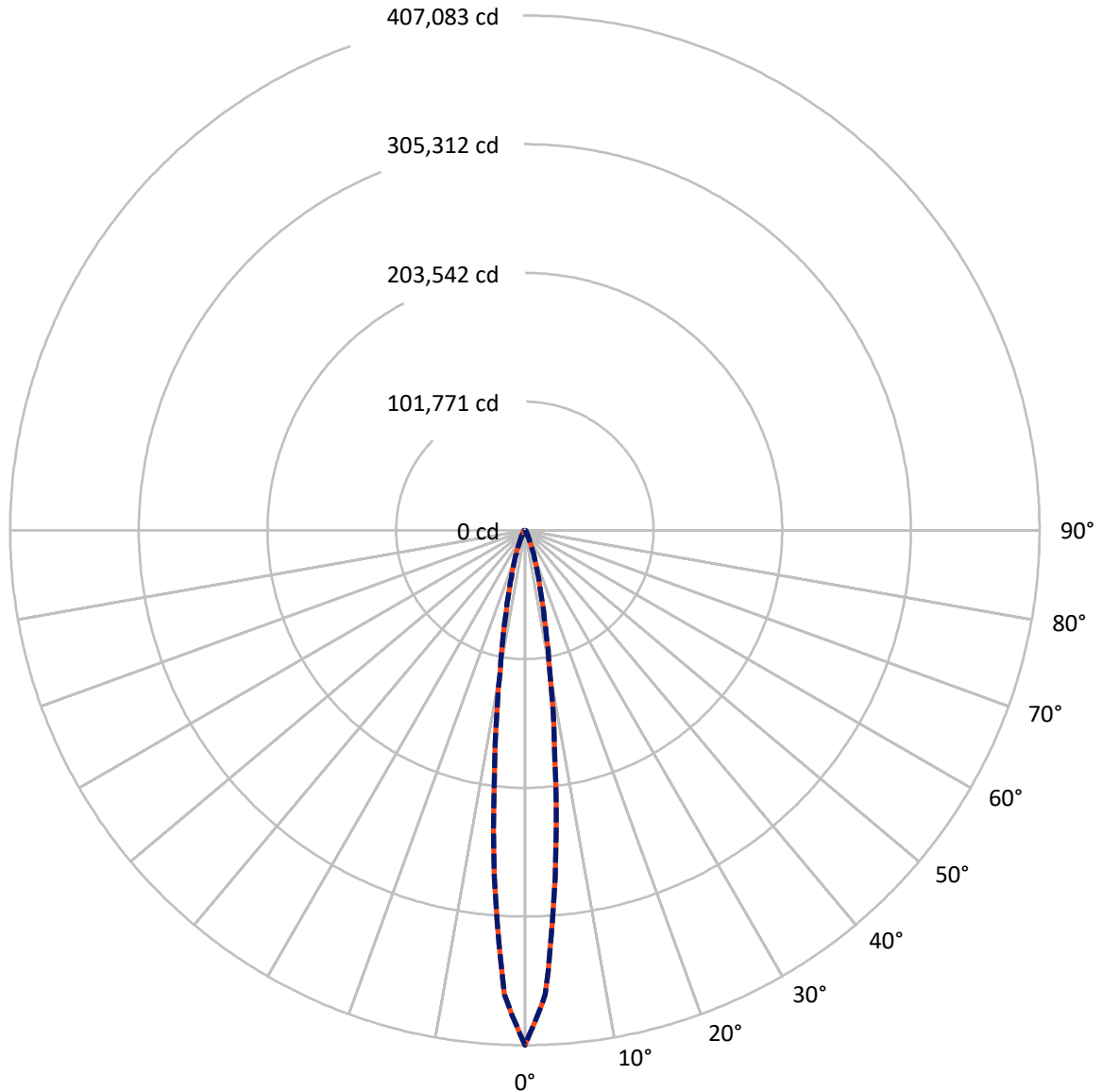
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### Lumen Table

|     |     |     |      |      |      |       |        |        |        |        |       |      |      |      |     |     |
|-----|-----|-----|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|-----|-----|
| 90  | 0.7 | 5.6 |      | 15.0 |      | 24.5  |        | 28.4   |        | 24.5   |       | 15.0 |      | 5.6  |     | 0.7 |
| 80  | 0.7 | 5.6 |      | 15.0 |      | 24.5  |        | 28.4   |        | 24.5   |       | 15.0 |      | 5.6  |     | 0.7 |
| 70  | 2.6 | 2.9 | 6.0  | 10.1 | 14.3 | 18.0  | 20.8   | 22.3   | 22.3   | 20.8   | 18.0  | 14.3 | 10.1 | 6.0  | 2.9 | 2.6 |
| 60  |     | 4.5 | 9.4  | 15.1 | 20.9 | 26.0  | 30.0   | 32.1   | 32.1   | 30.0   | 26.0  | 20.9 | 15.1 | 9.4  | 4.5 |     |
| 50  | 4.7 | 6.1 | 12.3 | 19.4 | 26.9 | 34.5  | 41.7   | 46.3   | 46.3   | 41.7   | 34.5  | 26.9 | 19.4 | 12.3 | 6.1 | 4.7 |
| 40  |     | 7.5 | 14.7 | 23.2 | 34.0 | 48.8  | 66.6   | 81.9   | 81.9   | 66.6   | 48.8  | 34.0 | 23.2 | 14.7 | 7.5 |     |
| 30  | 6.3 | 8.5 | 16.5 | 27.0 | 44.2 | 77.9  | 159.1  | 272.2  | 272.2  | 159.1  | 77.9  | 44.2 | 27.0 | 16.5 | 8.5 | 6.3 |
| 20  |     | 9.2 | 17.9 | 30.7 | 56.8 | 150.0 | 539.4  | 1339.5 | 1339.5 | 539.4  | 150.0 | 56.8 | 30.7 | 17.9 | 9.2 |     |
| 10  | 6.9 | 9.6 | 18.6 | 33.0 | 67.8 | 249.9 | 1305.1 | 5730.7 | 5730.7 | 1305.1 | 249.9 | 67.8 | 33.0 | 18.6 | 9.6 | 6.9 |
| 0   |     | 9.6 | 18.6 | 33.0 | 67.8 | 249.9 | 1305.1 | 5730.7 | 5730.7 | 1305.1 | 249.9 | 67.8 | 33.0 | 18.6 | 9.6 |     |
| -10 | 6.3 | 9.2 | 17.9 | 30.7 | 56.8 | 150.0 | 539.4  | 1339.5 | 1339.5 | 539.4  | 150.0 | 56.8 | 30.7 | 17.9 | 9.2 | 6.3 |
| -20 |     | 8.5 | 16.5 | 27.0 | 44.2 | 77.9  | 159.1  | 272.2  | 272.2  | 159.1  | 77.9  | 44.2 | 27.0 | 16.5 | 8.5 |     |
| -30 | 4.7 | 7.5 | 14.7 | 23.2 | 34.0 | 48.8  | 66.6   | 81.9   | 81.9   | 66.6   | 48.8  | 34.0 | 23.2 | 14.7 | 7.5 | 4.7 |
| -40 |     | 6.1 | 12.3 | 19.4 | 26.9 | 34.5  | 41.7   | 46.3   | 46.3   | 41.7   | 34.5  | 26.9 | 19.4 | 12.3 | 6.1 |     |
| -50 | 2.6 | 4.5 | 9.4  | 15.1 | 20.9 | 26.0  | 30.0   | 32.1   | 32.1   | 30.0   | 26.0  | 20.9 | 15.1 | 9.4  | 4.5 | 2.6 |
| -60 |     | 2.9 | 6.0  | 10.1 | 14.3 | 18.0  | 20.8   | 22.3   | 22.3   | 20.8   | 18.0  | 14.3 | 10.1 | 6.0  | 2.9 |     |
| -70 | 0.7 | 5.6 |      | 15.0 |      | 24.5  |        | 28.4   |        | 24.5   |       | 15.0 |      | 5.6  |     | 0.7 |
| -80 |     | 5.6 |      | 15.0 |      | 24.5  |        | 28.4   |        | 24.5   |       | 15.0 |      | 5.6  |     |     |
| -90 | 0.7 | 5.6 |      | 15.0 |      | 24.5  |        | 28.4   |        | 24.5   |       | 15.0 |      | 5.6  |     | 0.7 |

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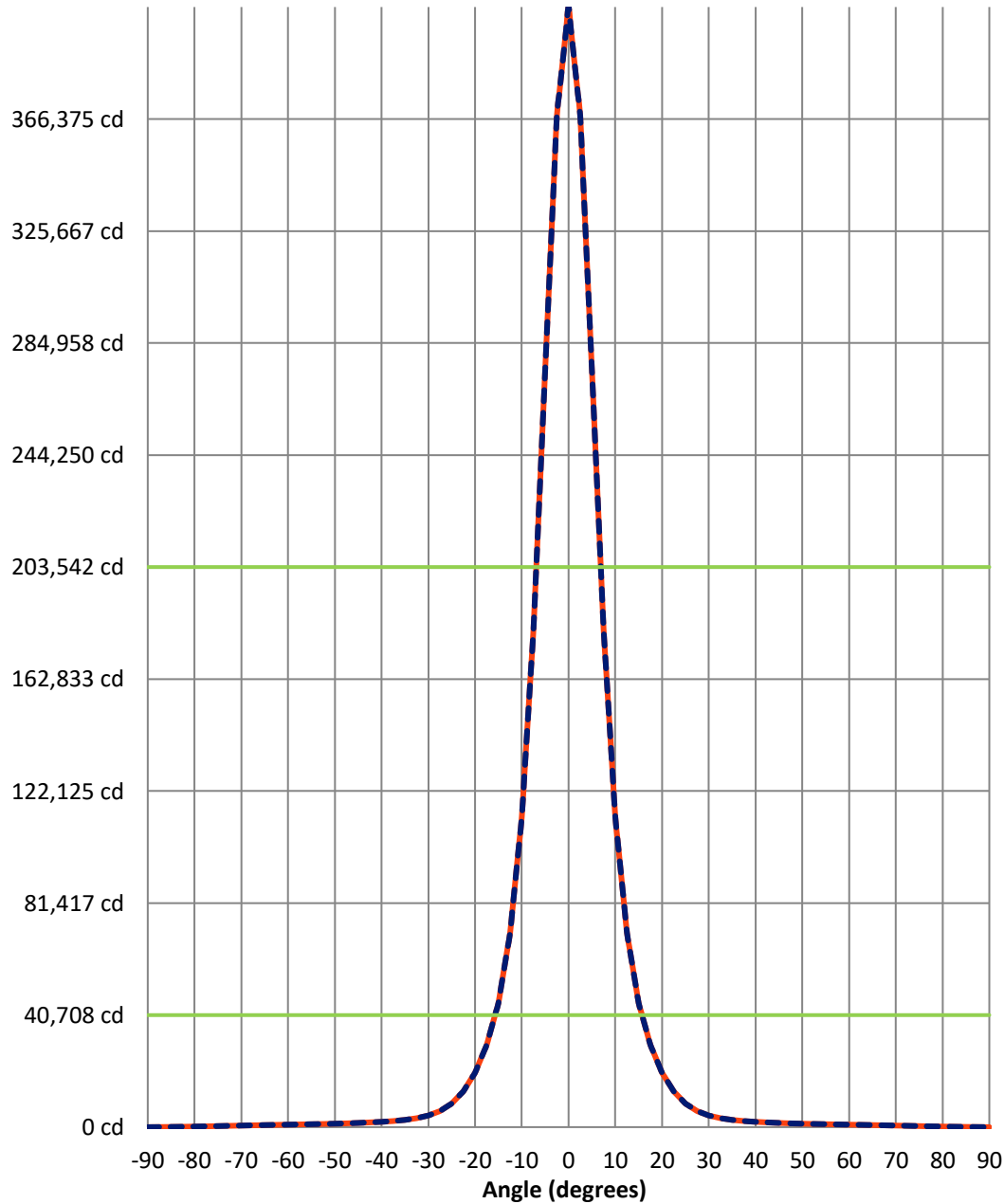
### Luminous Intensity Polar Plot



— 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: 9566.5  
Efficiency: 21.9%

**Field:**  
H Angle: 31.4°  
V Angle: 31.4°  
Lumens: 22274.8  
Efficiency: 50.9%

**Spill:**  
Lumens: 21473.3  
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° | 36.4     | 36.4     | 36.4     | 36.4     | 36.4     | 36.4    | 36.4    | 36.4    | 36.4    | 31.9    | 31.9   |
| 85°   | 81.9     | 81.9     | 81.9     | 81.9     | 81.9     | 81.9    | 77.4    | 77.4    | 77.4    | 72.8    | 72.8   |
| 82.5° | 136.5    | 136.5    | 136.5    | 136.5    | 132.0    | 132.0   | 132.0   | 127.4   | 127.4   | 122.9   | 122.9  |
| 80°   | 209.4    | 209.4    | 209.4    | 209.4    | 204.8    | 200.3   | 200.3   | 195.7   | 191.2   | 186.6   | 182.1  |
| 77.5° | 286.7    | 286.7    | 286.7    | 282.2    | 282.2    | 277.6   | 273.1   | 268.5   | 264.0   | 254.9   | 250.3  |
| 75°   | 377.8    | 377.8    | 377.8    | 373.2    | 368.7    | 364.1   | 359.5   | 350.4   | 345.9   | 336.8   | 327.7  |
| 72.5° | 473.3    | 473.3    | 473.3    | 468.8    | 464.2    | 455.1   | 450.6   | 441.5   | 432.4   | 418.7   | 409.6  |
| 70°   | 564.4    | 564.4    | 564.4    | 559.8    | 550.7    | 546.2   | 537.0   | 527.9   | 518.8   | 505.2   | 491.5  |
| 67.5° | 655.4    | 655.4    | 655.4    | 646.3    | 641.7    | 637.2   | 628.1   | 614.4   | 605.3   | 591.7   | 573.5  |
| 65°   | 741.9    | 741.9    | 737.3    | 732.8    | 728.2    | 719.1   | 710.0   | 700.9   | 687.2   | 673.6   | 655.4  |
| 62.5° | 828.3    | 828.3    | 823.8    | 819.2    | 814.7    | 805.6   | 791.9   | 782.8   | 764.6   | 751.0   | 732.8  |
| 60°   | 901.2    | 901.2    | 896.6    | 892.0    | 887.5    | 878.4   | 869.3   | 855.6   | 842.0   | 828.3   | 810.1  |
| 57.5° | 978.5    | 978.5    | 974.0    | 969.4    | 960.3    | 951.2   | 942.1   | 928.5   | 910.3   | 892.0   | 878.4  |
| 55°   | 1065.0   | 1065.0   | 1060.4   | 1051.3   | 1042.2   | 1033.1  | 1019.5  | 1001.3  | 983.1   | 964.9   | 942.1  |
| 52.5° | 1146.9   | 1146.9   | 1142.4   | 1133.3   | 1124.2   | 1115.1  | 1096.9  | 1083.2  | 1060.4  | 1037.7  | 1010.4 |
| 50°   | 1247.0   | 1247.0   | 1237.9   | 1228.8   | 1219.7   | 1201.5  | 1183.3  | 1160.6  | 1137.8  | 1110.5  | 1087.8 |
| 47.5° | 1360.8   | 1360.8   | 1351.7   | 1342.6   | 1324.4   | 1306.2  | 1278.9  | 1251.6  | 1224.3  | 1192.4  | 1156.0 |
| 45°   | 1520.1   | 1520.1   | 1506.5   | 1488.3   | 1465.5   | 1433.6  | 1397.2  | 1360.8  | 1319.9  | 1283.5  | 1242.5 |
| 42.5° | 1715.8   | 1715.8   | 1697.6   | 1674.9   | 1643.0   | 1602.0  | 1552.0  | 1501.9  | 1447.3  | 1388.1  | 1333.5 |
| 40°   | 1920.6   | 1920.6   | 1897.9   | 1875.1   | 1838.7   | 1788.6  | 1734.0  | 1670.3  | 1602.0  | 1524.7  | 1456.4 |
| 37.5° | 2202.8   | 2202.8   | 2171.0   | 2130.0   | 2075.4   | 2007.1  | 1925.2  | 1852.4  | 1775.0  | 1688.5  | 1597.5 |
| 35°   | 2621.5   | 2621.5   | 2571.5   | 2503.2   | 2416.7   | 2302.9  | 2180.1  | 2075.4  | 1957.0  | 1852.4  | 1752.2 |
| 32.5° | 3240.5   | 3240.5   | 3154.0   | 3053.9   | 2908.3   | 2726.2  | 2548.7  | 2380.3  | 2202.8  | 2052.6  | 1907.0 |
| 30°   | 4214.5   | 4214.5   | 4068.8   | 3886.8   | 3641.0   | 3327.0  | 3063.0  | 2789.9  | 2530.5  | 2312.0  | 2111.8 |
| 27.5° | 5834.7   | 5766.5   | 5566.2   | 5234.0   | 4778.8   | 4214.5  | 3809.4  | 3349.7  | 2985.6  | 2630.6  | 2371.2 |
| 25°   | 8565.5   | 8438.0   | 8060.3   | 7436.8   | 6594.8   | 5661.8  | 4924.5  | 4141.7  | 3586.4  | 3081.2  | 2676.1 |
| 22.5° | 13003.0  | 12770.8  | 12079.1  | 10950.3  | 9425.7   | 7932.9  | 6572.0  | 5365.9  | 4373.8  | 3668.3  | 3081.2 |
| 20°   | 19757.0  | 19352.0  | 18159.5  | 16229.8  | 13626.5  | 11319.0 | 8893.2  | 7104.5  | 5516.1  | 4373.8  | 3586.4 |
| 17.5° | 29906.4  | 29205.5  | 27152.8  | 23844.1  | 19757.0  | 15997.7 | 12302.1 | 9357.4  | 7104.5  | 5365.9  | 4141.7 |
| 15°   | 45089.4  | 43860.5  | 40274.1  | 34571.4  | 28022.1  | 22060.0 | 16812.4 | 12302.1 | 8893.2  | 6572.0  | 4924.5 |
| 12.5° | 70581.0  | 68096.0  | 60914.1  | 49713.5  | 39272.9  | 29474.0 | 22060.0 | 15997.7 | 11319.0 | 7932.9  | 5661.8 |
| 10°   | 112698.4 | 107564.6 | 93005.1  | 70967.9  | 54205.6  | 39272.9 | 28022.1 | 19757.0 | 13626.5 | 9425.7  | 6594.8 |
| 7.5°  | 180967.4 | 169948.8 | 139842.1 | 102735.7 | 70967.9  | 49713.5 | 34571.4 | 23844.1 | 16229.8 | 10950.3 | 7436.8 |
| 5°    | 275128.5 | 252954.7 | 197292.8 | 139842.1 | 93005.1  | 60914.1 | 40274.1 | 27152.8 | 18159.5 | 12079.1 | 8060.3 |
| 2.5°  | 367446.3 | 329229.4 | 252954.7 | 169948.8 | 107564.6 | 68096.0 | 43860.5 | 29205.5 | 19352.0 | 12770.8 | 8438.0 |
| 0°    | 407083.3 | 367446.3 | 275128.5 | 180967.4 | 112698.4 | 70581.0 | 45089.4 | 29906.4 | 19757.0 | 13003.0 | 8565.5 |



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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° | 31.9   | 31.9   | 31.9   | 31.9   | 27.3   | 27.3   | 27.3   | 27.3   | 22.8   | 22.8   | 22.8   |
| 85°   | 72.8   | 68.3   | 68.3   | 63.7   | 63.7   | 59.2   | 59.2   | 54.6   | 54.6   | 50.1   | 45.5   |
| 82.5° | 118.3  | 113.8  | 109.2  | 104.7  | 104.7  | 100.1  | 95.6   | 86.5   | 81.9   | 77.4   | 72.8   |
| 80°   | 177.5  | 168.4  | 163.8  | 154.7  | 150.2  | 141.1  | 132.0  | 127.4  | 118.3  | 113.8  | 104.7  |
| 77.5° | 241.2  | 232.1  | 227.6  | 213.9  | 204.8  | 195.7  | 186.6  | 172.9  | 163.8  | 150.2  | 136.5  |
| 75°   | 314.0  | 304.9  | 291.3  | 277.6  | 268.5  | 254.9  | 241.2  | 227.6  | 209.4  | 195.7  | 182.1  |
| 72.5° | 396.0  | 382.3  | 368.7  | 350.4  | 332.2  | 318.6  | 295.8  | 277.6  | 264.0  | 245.8  | 227.6  |
| 70°   | 477.9  | 464.2  | 446.0  | 427.8  | 405.1  | 386.9  | 364.1  | 341.3  | 318.6  | 295.8  | 273.1  |
| 67.5° | 559.8  | 541.6  | 523.4  | 500.6  | 477.9  | 455.1  | 432.4  | 405.1  | 377.8  | 350.4  | 323.1  |
| 65°   | 637.2  | 619.0  | 596.2  | 573.5  | 550.7  | 523.4  | 496.1  | 468.8  | 436.9  | 405.1  | 377.8  |
| 62.5° | 714.5  | 691.8  | 669.0  | 646.3  | 619.0  | 591.7  | 564.4  | 527.9  | 496.1  | 464.2  | 427.8  |
| 60°   | 787.4  | 764.6  | 741.9  | 714.5  | 687.2  | 655.4  | 623.5  | 591.7  | 555.3  | 518.8  | 482.4  |
| 57.5° | 855.6  | 832.9  | 810.1  | 778.3  | 751.0  | 719.1  | 682.7  | 650.8  | 609.9  | 573.5  | 532.5  |
| 55°   | 919.4  | 896.6  | 869.3  | 842.0  | 814.7  | 778.3  | 741.9  | 705.4  | 664.5  | 623.5  | 578.0  |
| 52.5° | 983.1  | 955.8  | 928.5  | 901.2  | 869.3  | 837.4  | 801.0  | 760.1  | 719.1  | 673.6  | 628.1  |
| 50°   | 1055.9 | 1024.0 | 987.6  | 955.8  | 919.4  | 887.5  | 851.1  | 810.1  | 769.2  | 719.1  | 673.6  |
| 47.5° | 1124.2 | 1092.3 | 1055.9 | 1014.9 | 978.5  | 937.6  | 896.6  | 860.2  | 814.7  | 769.2  | 719.1  |
| 45°   | 1201.5 | 1156.0 | 1119.6 | 1078.6 | 1033.1 | 987.6  | 946.7  | 901.2  | 860.2  | 810.1  | 760.1  |
| 42.5° | 1283.5 | 1233.4 | 1183.3 | 1133.3 | 1092.3 | 1042.2 | 992.2  | 946.7  | 896.6  | 851.1  | 801.0  |
| 40°   | 1379.0 | 1319.9 | 1256.1 | 1201.5 | 1146.9 | 1096.9 | 1042.2 | 987.6  | 937.6  | 887.5  | 837.4  |
| 37.5° | 1501.9 | 1420.0 | 1338.1 | 1269.8 | 1206.1 | 1146.9 | 1092.3 | 1033.1 | 978.5  | 919.4  | 869.3  |
| 35°   | 1647.6 | 1533.8 | 1438.2 | 1342.6 | 1269.8 | 1201.5 | 1133.3 | 1078.6 | 1014.9 | 955.8  | 901.2  |
| 32.5° | 1793.2 | 1670.3 | 1547.4 | 1438.2 | 1338.1 | 1256.1 | 1183.3 | 1119.6 | 1055.9 | 987.6  | 928.5  |
| 30°   | 1943.4 | 1806.9 | 1670.3 | 1533.8 | 1420.0 | 1319.9 | 1233.4 | 1156.0 | 1092.3 | 1024.0 | 955.8  |
| 27.5° | 2134.5 | 1943.4 | 1793.2 | 1647.6 | 1501.9 | 1379.0 | 1283.5 | 1201.5 | 1124.2 | 1055.9 | 983.1  |
| 25°   | 2371.2 | 2111.8 | 1907.0 | 1752.2 | 1597.5 | 1456.4 | 1333.5 | 1242.5 | 1156.0 | 1087.8 | 1010.4 |
| 22.5° | 2630.6 | 2312.0 | 2052.6 | 1852.4 | 1688.5 | 1524.7 | 1388.1 | 1283.5 | 1192.4 | 1110.5 | 1037.7 |
| 20°   | 2985.6 | 2530.5 | 2202.8 | 1957.0 | 1775.0 | 1602.0 | 1447.3 | 1319.9 | 1224.3 | 1137.8 | 1060.4 |
| 17.5° | 3349.7 | 2789.9 | 2380.3 | 2075.4 | 1852.4 | 1670.3 | 1501.9 | 1360.8 | 1251.6 | 1160.6 | 1083.2 |
| 15°   | 3809.4 | 3063.0 | 2548.7 | 2180.1 | 1925.2 | 1734.0 | 1552.0 | 1397.2 | 1278.9 | 1183.3 | 1096.9 |
| 12.5° | 4214.5 | 3327.0 | 2726.2 | 2302.9 | 2007.1 | 1788.6 | 1602.0 | 1433.6 | 1306.2 | 1201.5 | 1115.1 |
| 10°   | 4778.8 | 3641.0 | 2908.3 | 2416.7 | 2075.4 | 1838.7 | 1643.0 | 1465.5 | 1324.4 | 1219.7 | 1124.2 |
| 7.5°  | 5234.0 | 3886.8 | 3053.9 | 2503.2 | 2130.0 | 1875.1 | 1674.9 | 1488.3 | 1342.6 | 1228.8 | 1133.3 |
| 5°    | 5566.2 | 4068.8 | 3154.0 | 2571.5 | 2171.0 | 1897.9 | 1697.6 | 1506.5 | 1351.7 | 1237.9 | 1142.4 |
| 2.5°  | 5766.5 | 4214.5 | 3240.5 | 2621.5 | 2202.8 | 1920.6 | 1715.8 | 1520.1 | 1360.8 | 1247.0 | 1146.9 |
| 0°    | 5834.7 | 4214.5 | 3240.5 | 2621.5 | 2202.8 | 1920.6 | 1715.8 | 1520.1 | 1360.8 | 1247.0 | 1146.9 |





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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° | 22.8   | 18.2  | 18.2  | 18.2  | 13.7  | 13.7  | 13.7  | 9.1   | 9.1   | 9.1   | 4.6   |
| 85°   | 41.0   | 41.0  | 36.4  | 31.9  | 31.9  | 27.3  | 22.8  | 22.8  | 18.2  | 13.7  | 13.7  |
| 82.5° | 68.3   | 63.7  | 59.2  | 54.6  | 50.1  | 41.0  | 36.4  | 31.9  | 27.3  | 22.8  | 18.2  |
| 80°   | 95.6   | 91.0  | 81.9  | 72.8  | 68.3  | 59.2  | 54.6  | 45.5  | 36.4  | 31.9  | 27.3  |
| 77.5° | 127.4  | 118.3 | 109.2 | 100.1 | 86.5  | 77.4  | 68.3  | 59.2  | 50.1  | 41.0  | 31.9  |
| 75°   | 168.4  | 150.2 | 136.5 | 122.9 | 109.2 | 95.6  | 81.9  | 72.8  | 59.2  | 50.1  | 36.4  |
| 72.5° | 209.4  | 191.2 | 168.4 | 150.2 | 132.0 | 118.3 | 100.1 | 86.5  | 72.8  | 59.2  | 45.5  |
| 70°   | 250.3  | 227.6 | 204.8 | 182.1 | 159.3 | 136.5 | 118.3 | 100.1 | 81.9  | 68.3  | 54.6  |
| 67.5° | 291.3  | 268.5 | 241.2 | 213.9 | 191.2 | 163.8 | 136.5 | 118.3 | 95.6  | 77.4  | 59.2  |
| 65°   | 341.3  | 309.5 | 277.6 | 250.3 | 218.5 | 191.2 | 159.3 | 132.0 | 109.2 | 86.5  | 68.3  |
| 62.5° | 391.4  | 355.0 | 318.6 | 282.2 | 250.3 | 213.9 | 182.1 | 150.2 | 122.9 | 100.1 | 72.8  |
| 60°   | 441.5  | 400.5 | 359.5 | 318.6 | 277.6 | 241.2 | 204.8 | 168.4 | 136.5 | 109.2 | 81.9  |
| 57.5° | 491.5  | 446.0 | 400.5 | 355.0 | 309.5 | 268.5 | 227.6 | 191.2 | 150.2 | 118.3 | 91.0  |
| 55°   | 537.0  | 491.5 | 441.5 | 391.4 | 341.3 | 291.3 | 250.3 | 209.4 | 168.4 | 127.4 | 95.6  |
| 52.5° | 578.0  | 532.5 | 482.4 | 427.8 | 377.8 | 323.1 | 273.1 | 227.6 | 182.1 | 136.5 | 104.7 |
| 50°   | 623.5  | 573.5 | 518.8 | 464.2 | 405.1 | 350.4 | 295.8 | 245.8 | 195.7 | 150.2 | 113.8 |
| 47.5° | 664.5  | 609.9 | 555.3 | 496.1 | 436.9 | 377.8 | 318.6 | 264.0 | 209.4 | 163.8 | 118.3 |
| 45°   | 705.4  | 650.8 | 591.7 | 527.9 | 468.8 | 405.1 | 341.3 | 277.6 | 227.6 | 172.9 | 127.4 |
| 42.5° | 741.9  | 682.7 | 623.5 | 564.4 | 496.1 | 432.4 | 364.1 | 295.8 | 241.2 | 186.6 | 132.0 |
| 40°   | 778.3  | 719.1 | 655.4 | 591.7 | 523.4 | 455.1 | 386.9 | 318.6 | 254.9 | 195.7 | 141.1 |
| 37.5° | 814.7  | 751.0 | 687.2 | 619.0 | 550.7 | 477.9 | 405.1 | 332.2 | 268.5 | 204.8 | 150.2 |
| 35°   | 842.0  | 778.3 | 714.5 | 646.3 | 573.5 | 500.6 | 427.8 | 350.4 | 277.6 | 213.9 | 154.7 |
| 32.5° | 869.3  | 810.1 | 741.9 | 669.0 | 596.2 | 523.4 | 446.0 | 368.7 | 291.3 | 227.6 | 163.8 |
| 30°   | 896.6  | 832.9 | 764.6 | 691.8 | 619.0 | 541.6 | 464.2 | 382.3 | 304.9 | 232.1 | 168.4 |
| 27.5° | 919.4  | 855.6 | 787.4 | 714.5 | 637.2 | 559.8 | 477.9 | 396.0 | 314.0 | 241.2 | 177.5 |
| 25°   | 942.1  | 878.4 | 810.1 | 732.8 | 655.4 | 573.5 | 491.5 | 409.6 | 327.7 | 250.3 | 182.1 |
| 22.5° | 964.9  | 892.0 | 828.3 | 751.0 | 673.6 | 591.7 | 505.2 | 418.7 | 336.8 | 254.9 | 186.6 |
| 20°   | 983.1  | 910.3 | 842.0 | 764.6 | 687.2 | 605.3 | 518.8 | 432.4 | 345.9 | 264.0 | 191.2 |
| 17.5° | 1001.3 | 928.5 | 855.6 | 782.8 | 700.9 | 614.4 | 527.9 | 441.5 | 350.4 | 268.5 | 195.7 |
| 15°   | 1019.5 | 942.1 | 869.3 | 791.9 | 710.0 | 628.1 | 537.0 | 450.6 | 359.5 | 273.1 | 200.3 |
| 12.5° | 1033.1 | 951.2 | 878.4 | 805.6 | 719.1 | 637.2 | 546.2 | 455.1 | 364.1 | 277.6 | 200.3 |
| 10°   | 1042.2 | 960.3 | 887.5 | 814.7 | 728.2 | 641.7 | 550.7 | 464.2 | 368.7 | 282.2 | 204.8 |
| 7.5°  | 1051.3 | 969.4 | 892.0 | 819.2 | 732.8 | 646.3 | 559.8 | 468.8 | 373.2 | 282.2 | 209.4 |
| 5°    | 1060.4 | 974.0 | 896.6 | 823.8 | 737.3 | 655.4 | 564.4 | 473.3 | 377.8 | 286.7 | 209.4 |
| 2.5°  | 1065.0 | 978.5 | 901.2 | 828.3 | 741.9 | 655.4 | 564.4 | 473.3 | 377.8 | 286.7 | 209.4 |
| 0°    | 1065.0 | 978.5 | 901.2 | 828.3 | 741.9 | 655.4 | 564.4 | 473.3 | 377.8 | 286.7 | 209.4 |



REPORT NUMBER: P623209  
 CATALOG NUMBER: IFLD-S-SA6E-830-U-33

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 4.6   | 4.6  | 0.0   | 0.0 |
| 85°   | 9.1   | 4.6  | 4.6   | 0.0 |
| 82.5° | 13.7  | 9.1  | 4.6   | 0.0 |
| 80°   | 18.2  | 13.7 | 4.6   | 0.0 |
| 77.5° | 22.8  | 13.7 | 9.1   | 0.0 |
| 75°   | 27.3  | 18.2 | 9.1   | 0.0 |
| 72.5° | 31.9  | 22.8 | 9.1   | 0.0 |
| 70°   | 36.4  | 22.8 | 13.7  | 0.0 |
| 67.5° | 41.0  | 27.3 | 13.7  | 0.0 |
| 65°   | 50.1  | 31.9 | 13.7  | 0.0 |
| 62.5° | 54.6  | 31.9 | 18.2  | 0.0 |
| 60°   | 59.2  | 36.4 | 18.2  | 0.0 |
| 57.5° | 63.7  | 41.0 | 18.2  | 0.0 |
| 55°   | 68.3  | 41.0 | 22.8  | 0.0 |
| 52.5° | 72.8  | 45.5 | 22.8  | 0.0 |
| 50°   | 77.4  | 50.1 | 22.8  | 0.0 |
| 47.5° | 81.9  | 54.6 | 22.8  | 0.0 |
| 45°   | 86.5  | 54.6 | 27.3  | 0.0 |
| 42.5° | 95.6  | 59.2 | 27.3  | 0.0 |
| 40°   | 100.1 | 59.2 | 27.3  | 0.0 |
| 37.5° | 104.7 | 63.7 | 27.3  | 0.0 |
| 35°   | 104.7 | 63.7 | 31.9  | 0.0 |
| 32.5° | 109.2 | 68.3 | 31.9  | 0.0 |
| 30°   | 113.8 | 68.3 | 31.9  | 0.0 |
| 27.5° | 118.3 | 72.8 | 31.9  | 0.0 |
| 25°   | 122.9 | 72.8 | 31.9  | 0.0 |
| 22.5° | 122.9 | 72.8 | 31.9  | 0.0 |
| 20°   | 127.4 | 77.4 | 36.4  | 0.0 |
| 17.5° | 127.4 | 77.4 | 36.4  | 0.0 |
| 15°   | 132.0 | 77.4 | 36.4  | 0.0 |
| 12.5° | 132.0 | 81.9 | 36.4  | 0.0 |
| 10°   | 132.0 | 81.9 | 36.4  | 0.0 |
| 7.5°  | 136.5 | 81.9 | 36.4  | 0.0 |
| 5°    | 136.5 | 81.9 | 36.4  | 0.0 |
| 2.5°  | 136.5 | 81.9 | 36.4  | 0.0 |
| 0°    | 136.5 | 81.9 | 36.4  | 0.0 |

(END OF REPORT)