

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: P623802

Luminaire Tested: **IFLD-L-SA7A-830-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623802  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-830-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (112) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

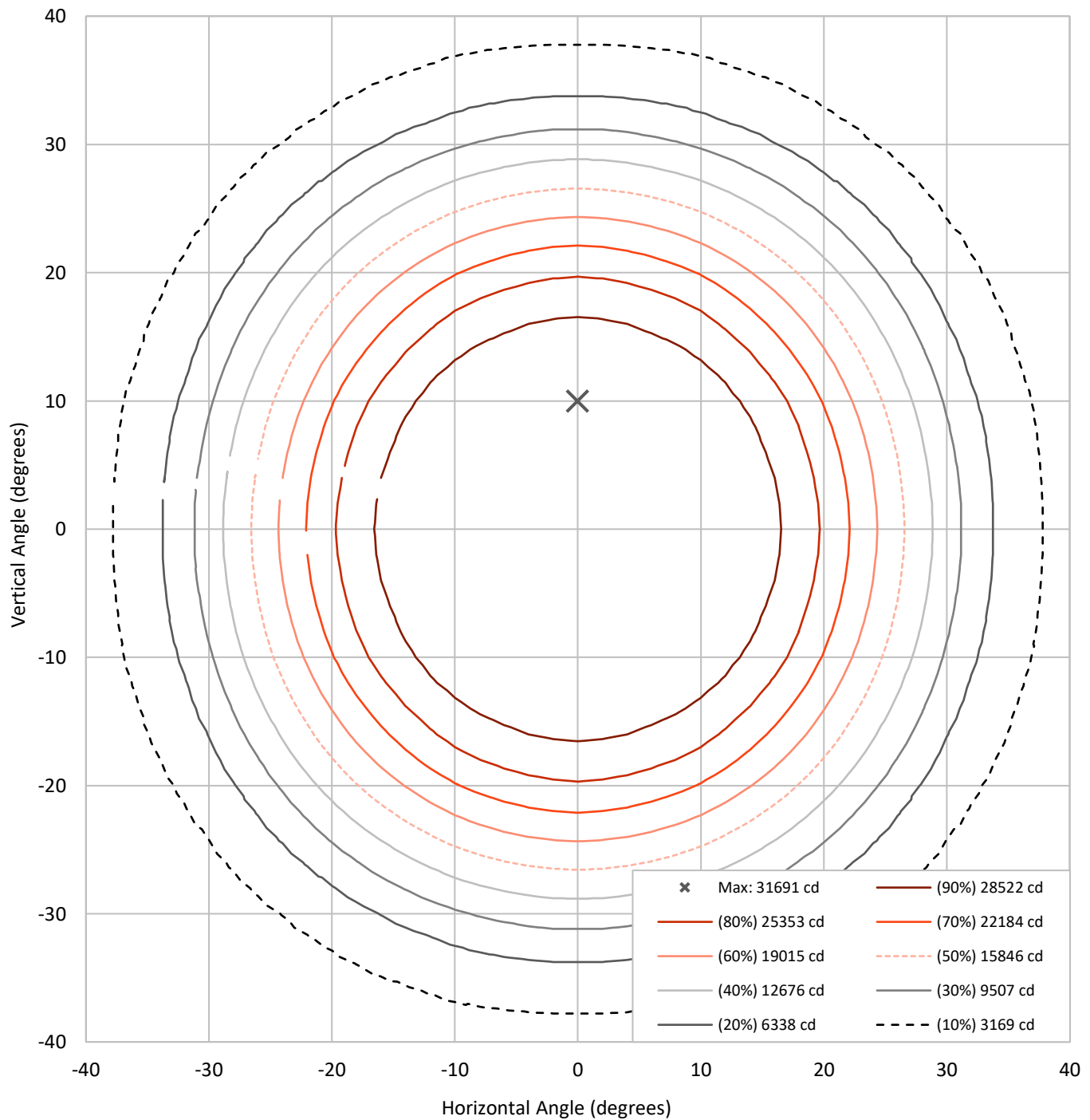
|                   |                                    |                      |                 |
|-------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 25932.8 lumens                     | Max Intensity:       | 31691 candela   |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 119.2 lumens/watt                  |                      |                 |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                 |
| Beam Angle (50%): | 49.5°H x 53.1°V                    | Field Angle (10%):   | 73.6°H x 75.3°V |
| Beam Lumens:      | 12889.3 lumens                     | Field Lumens:        | 16762.9 lumens  |
| Beam Efficiency:  | 49.7%                              | Field Efficiency:    | 64.6%           |

Input Watts (W): 217.6  
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



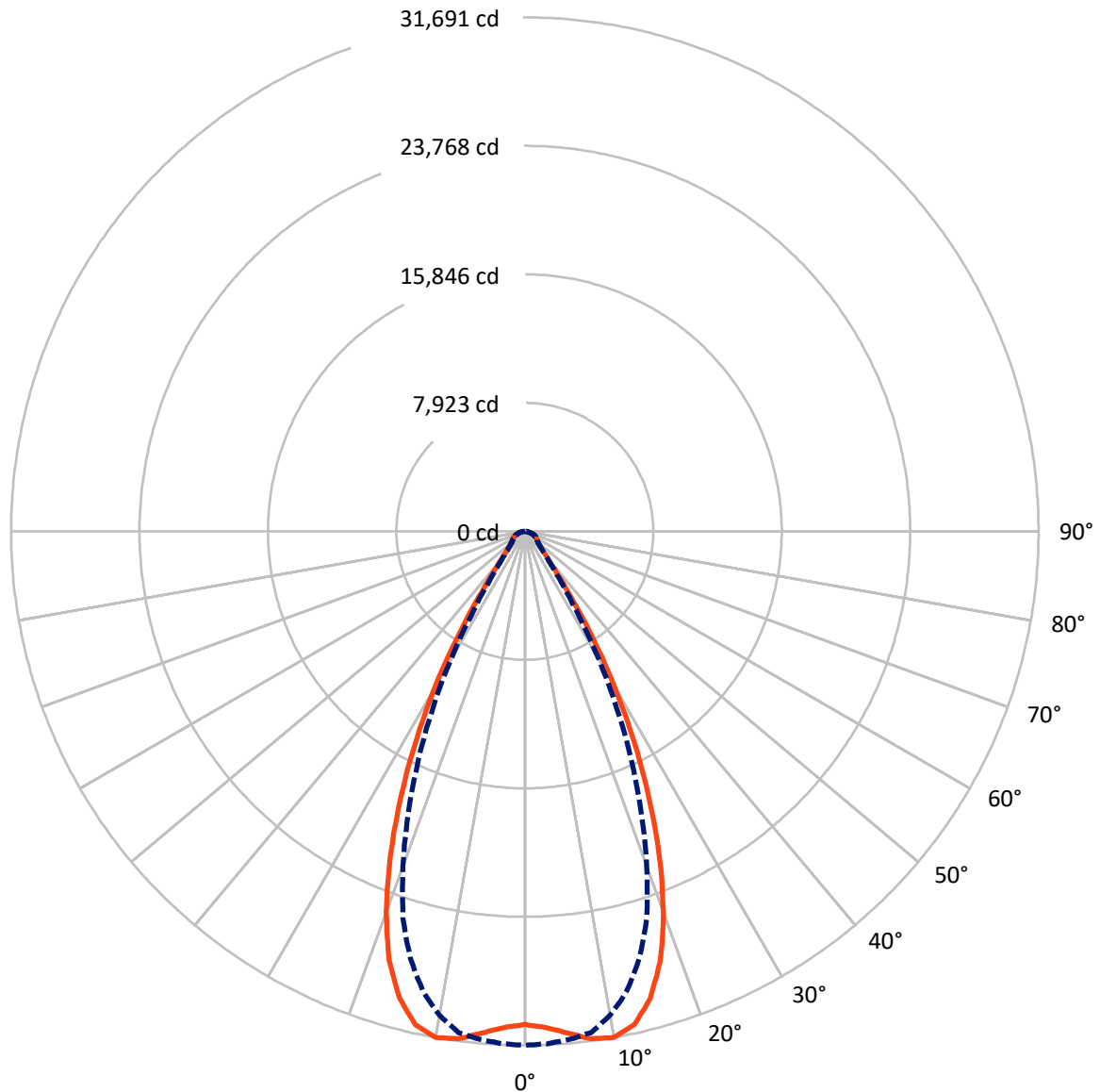
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## Lumen Table

|     |                            |     |     |      |      |       |       |       |       |       |       |       |       |      |      |     |     |    |    |  |
|-----|----------------------------|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|----|----|--|
| 90  |                            |     |     |      |      |       |       |       |       |       |       |       |       |      |      |     |     |    |    |  |
| 80  | 0.7                        |     | 5.7 |      | 14.8 |       | 23.9  |       | 27.7  |       | 23.9  |       | 14.8  |      | 5.7  |     | 0.7 |    |    |  |
| 70  | 2.6                        |     | 2.8 | 5.9  | 9.7  | 13.6  | 17.0  | 19.5  | 20.8  | 20.8  | 19.5  | 17.0  | 13.6  | 9.7  | 5.9  | 2.8 | 2.6 |    |    |  |
| 60  |                            |     | 4.4 | 9.0  | 14.2 | 19.1  | 23.2  | 26.4  | 28.1  | 28.1  | 26.4  | 23.2  | 19.1  | 14.2 | 9.0  | 4.4 |     |    |    |  |
| 50  | 4.6                        |     | 5.9 | 11.6 | 17.5 | 23.5  | 30.4  | 38.5  | 44.7  | 44.7  | 38.5  | 30.4  | 23.5  | 17.5 | 11.6 | 5.9 | 4.6 |    |    |  |
| 40  |                            |     | 7.1 | 13.4 | 20.3 | 30.8  | 54.8  | 107.1 | 161.5 | 161.5 | 107.1 | 54.8  | 30.8  | 20.3 | 13.4 | 7.1 |     |    |    |  |
| 30  | 6.1                        |     | 8.0 | 14.8 | 23.8 | 49.7  | 158.4 | 367.2 | 521.1 | 521.1 | 367.2 | 158.4 | 49.7  | 23.8 | 14.8 | 8.0 | 6.1 |    |    |  |
| 20  |                            |     | 8.6 | 15.7 | 28.4 | 91.8  | 345.8 | 676.6 | 862.6 | 862.6 | 676.6 | 345.8 | 91.8  | 28.4 | 15.7 | 8.6 |     |    |    |  |
| 10  | 6.7                        |     | 8.9 | 16.3 | 32.0 | 134.7 | 476.4 | 837.1 | 949.3 | 949.3 | 837.1 | 476.4 | 134.7 | 32.0 | 16.3 | 8.9 | 6.7 |    |    |  |
| 0   |                            |     | 8.9 | 16.3 | 32.0 | 134.7 | 476.4 | 837.1 | 949.3 | 949.3 | 837.1 | 476.4 | 134.7 | 32.0 | 16.3 | 8.9 |     |    |    |  |
| -10 | 6.1                        |     | 8.6 | 15.7 | 28.4 | 91.8  | 345.8 | 676.6 | 862.6 | 862.6 | 676.6 | 345.8 | 91.8  | 28.4 | 15.7 | 8.6 | 6.1 |    |    |  |
| -20 |                            |     | 8.0 | 14.8 | 23.8 | 49.7  | 158.4 | 367.2 | 521.1 | 521.1 | 367.2 | 158.4 | 49.7  | 23.8 | 14.8 | 8.0 |     |    |    |  |
| -30 | 4.6                        |     | 7.1 | 13.4 | 20.3 | 30.8  | 54.8  | 107.1 | 161.5 | 161.5 | 107.1 | 54.8  | 30.8  | 20.3 | 13.4 | 7.1 | 4.6 |    |    |  |
| -40 |                            |     | 5.9 | 11.6 | 17.5 | 23.5  | 30.4  | 38.5  | 44.7  | 44.7  | 38.5  | 30.4  | 23.5  | 17.5 | 11.6 | 5.9 |     |    |    |  |
| -50 | 2.6                        |     | 4.4 | 9.0  | 14.2 | 19.1  | 23.2  | 26.4  | 28.1  | 28.1  | 26.4  | 23.2  | 19.1  | 14.2 | 9.0  | 4.4 | 2.6 |    |    |  |
| -60 |                            |     | 2.8 | 5.9  | 9.7  | 13.6  | 17.0  | 19.5  | 20.8  | 20.8  | 19.5  | 17.0  | 13.6  | 9.7  | 5.9  | 2.8 |     |    |    |  |
| -70 |                            |     |     |      |      |       |       |       |       |       |       |       |       |      |      |     |     |    |    |  |
| -80 | 0.7                        |     | 5.7 |      | 14.8 |       | 23.9  |       | 27.7  |       | 23.9  |       | 14.8  |      | 5.7  |     | 0.7 |    |    |  |
| -90 |                            |     |     |      |      |       |       |       |       |       |       |       |       |      |      |     |     |    |    |  |
|     | -90                        | -80 | -70 | -60  | -50  | -40   | -30   | -20   | -10   | 0     | 10    | 20    | 30    | 40   | 50   | 60  | 70  | 80 | 90 |  |
|     | Horizontal Angle (degrees) |     |     |      |      |       |       |       |       |       |       |       |       |      |      |     |     |    |    |  |

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## Luminous Intensity Polar Plot

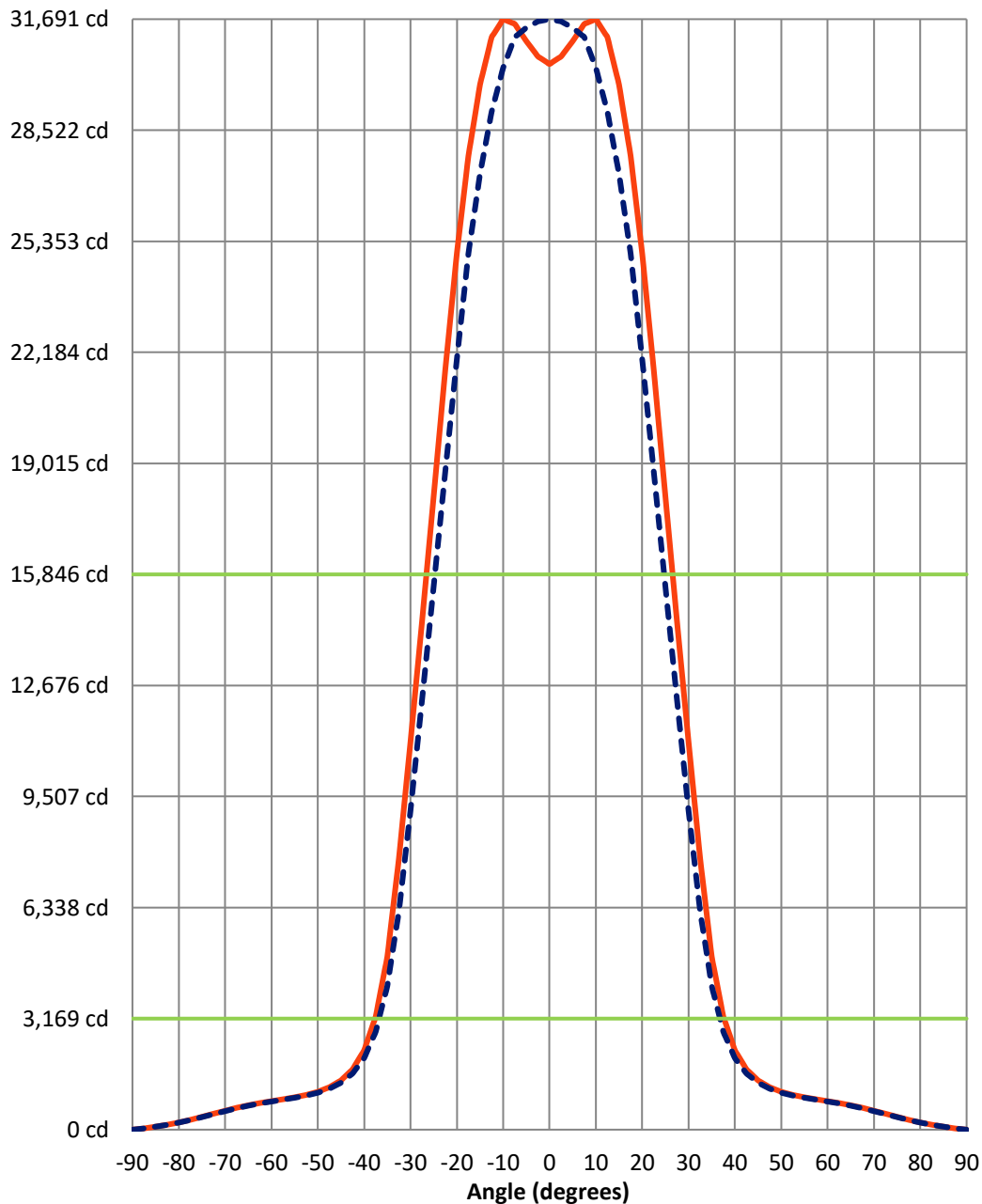


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 12889.3  
Efficiency: 49.7%

**Field:**

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 16762.9  
Efficiency: 64.6%

**Spill:**

Lumens: 9170  
Efficiency: 35.4%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 10-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° | 35.0    | 35.0    | 35.0    | 35.0    | 35.0    | 35.0    | 35.0    | 32.3    | 32.3    | 32.3    | 32.3    |
| 85°   | 86.2    | 86.2    | 86.2    | 86.2    | 86.2    | 83.5    | 83.5    | 80.8    | 80.8    | 78.1    | 75.4    |
| 82.5° | 140.1   | 140.1   | 140.1   | 140.1   | 137.4   | 137.4   | 134.7   | 132.0   | 129.3   | 126.6   | 123.9   |
| 80°   | 204.7   | 204.7   | 204.7   | 204.7   | 202.0   | 199.3   | 196.7   | 194.0   | 188.6   | 185.9   | 180.5   |
| 77.5° | 280.2   | 280.2   | 280.2   | 277.5   | 274.8   | 272.1   | 266.7   | 261.3   | 255.9   | 250.5   | 245.1   |
| 75°   | 366.4   | 366.4   | 366.4   | 361.0   | 358.3   | 352.9   | 347.5   | 342.1   | 334.0   | 326.0   | 317.9   |
| 72.5° | 455.3   | 455.3   | 455.3   | 449.9   | 444.5   | 439.1   | 433.7   | 425.6   | 417.6   | 406.8   | 396.0   |
| 70°   | 538.8   | 538.8   | 538.8   | 533.4   | 528.0   | 522.6   | 514.5   | 506.5   | 495.7   | 484.9   | 474.1   |
| 67.5° | 625.0   | 625.0   | 625.0   | 616.9   | 611.5   | 606.1   | 598.0   | 587.3   | 576.5   | 563.0   | 549.6   |
| 65°   | 695.0   | 695.0   | 692.3   | 689.6   | 684.2   | 676.2   | 670.8   | 660.0   | 649.2   | 638.5   | 625.0   |
| 62.5° | 759.7   | 759.7   | 757.0   | 754.3   | 748.9   | 740.8   | 732.7   | 724.7   | 713.9   | 700.4   | 686.9   |
| 60°   | 813.6   | 813.6   | 810.9   | 808.2   | 802.8   | 797.4   | 789.3   | 781.2   | 770.5   | 759.7   | 746.2   |
| 57.5° | 867.4   | 867.4   | 864.7   | 862.0   | 856.7   | 848.6   | 840.5   | 832.4   | 821.6   | 808.2   | 794.7   |
| 55°   | 924.0   | 924.0   | 921.3   | 915.9   | 910.5   | 902.5   | 894.4   | 883.6   | 870.1   | 856.7   | 843.2   |
| 52.5° | 991.4   | 991.4   | 986.0   | 980.6   | 972.5   | 964.4   | 950.9   | 937.5   | 921.3   | 905.1   | 889.0   |
| 50°   | 1080.3  | 1080.3  | 1074.9  | 1066.8  | 1053.3  | 1039.8  | 1023.7  | 1002.1  | 983.3   | 961.7   | 940.2   |
| 47.5° | 1212.3  | 1212.3  | 1201.5  | 1188.0  | 1169.2  | 1147.6  | 1118.0  | 1085.6  | 1058.7  | 1031.8  | 999.4   |
| 45°   | 1406.2  | 1406.2  | 1390.0  | 1368.5  | 1338.9  | 1301.2  | 1258.0  | 1212.3  | 1166.5  | 1120.7  | 1074.9  |
| 42.5° | 1721.4  | 1721.4  | 1691.8  | 1654.1  | 1602.9  | 1538.2  | 1457.4  | 1382.0  | 1317.3  | 1244.6  | 1182.6  |
| 40°   | 2265.6  | 2265.6  | 2209.0  | 2139.0  | 2042.0  | 1918.1  | 1769.9  | 1651.4  | 1538.2  | 1411.6  | 1325.4  |
| 37.5° | 3232.7  | 3232.7  | 3122.2  | 2987.5  | 2799.0  | 2561.9  | 2276.3  | 2085.1  | 1875.0  | 1675.6  | 1530.1  |
| 35°   | 4940.6  | 4940.6  | 4727.8  | 4466.5  | 4102.8  | 3644.8  | 3157.2  | 2796.3  | 2394.9  | 2087.8  | 1815.7  |
| 32.5° | 7742.3  | 7742.3  | 7359.7  | 6888.3  | 6239.1  | 5417.4  | 4636.2  | 3949.2  | 3232.7  | 2723.5  | 2233.2  |
| 30°   | 11071.9 | 11071.9 | 10570.8 | 9953.9  | 9108.1  | 8041.3  | 6928.7  | 5708.4  | 4576.9  | 3669.1  | 2928.3  |
| 27.5° | 14514.7 | 14371.9 | 13940.9 | 13237.8 | 12273.4 | 11071.9 | 9684.6  | 8108.6  | 6578.5  | 4978.3  | 3919.6  |
| 25°   | 18076.0 | 17909.0 | 17416.0 | 16607.9 | 15503.4 | 14142.9 | 12580.5 | 10818.7 | 8930.3  | 7023.0  | 5191.1  |
| 22.5° | 21675.1 | 21486.5 | 20926.2 | 20012.9 | 18773.8 | 17249.0 | 15479.1 | 13520.7 | 11411.3 | 9207.7  | 7023.0  |
| 20°   | 25002.0 | 24802.7 | 24215.4 | 23264.5 | 21982.2 | 20309.3 | 18342.7 | 16171.4 | 13838.5 | 11411.3 | 8930.3  |
| 17.5° | 27787.5 | 27596.3 | 27030.5 | 26122.7 | 25002.0 | 23151.3 | 21106.7 | 18719.9 | 16171.4 | 13520.7 | 10818.7 |
| 15°   | 29821.4 | 29657.1 | 29174.9 | 28412.5 | 27270.3 | 25632.4 | 23550.0 | 21106.7 | 18342.7 | 15479.1 | 12580.5 |
| 12.5° | 31171.1 | 31039.1 | 30659.2 | 30066.6 | 29042.9 | 27669.0 | 25632.4 | 23151.3 | 20309.3 | 17249.0 | 14142.9 |
| 10°   | 31691.0 | 31626.3 | 31448.5 | 31176.4 | 30303.6 | 29042.9 | 27270.3 | 25002.0 | 21982.2 | 18773.8 | 15503.4 |
| 7.5°  | 31553.6 | 31575.1 | 31637.1 | 31567.1 | 31176.4 | 30066.6 | 28412.5 | 26122.7 | 23264.5 | 20012.9 | 16607.9 |
| 5°    | 31063.3 | 31179.1 | 31467.4 | 31637.1 | 31448.5 | 30659.2 | 29174.9 | 27030.5 | 24215.4 | 20926.2 | 17416.0 |
| 2.5°  | 30626.9 | 30807.4 | 31179.1 | 31575.1 | 31626.3 | 31039.1 | 29657.1 | 27596.3 | 24802.7 | 21486.5 | 17909.0 |
| 0°    | 30411.4 | 30626.9 | 31063.3 | 31553.6 | 31691.0 | 31171.1 | 29821.4 | 27787.5 | 25002.0 | 21675.1 | 18076.0 |

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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° | 32.3    | 29.6    | 29.6   | 29.6   | 26.9   | 26.9   | 26.9   | 24.2   | 24.2   | 21.6   | 21.6  |
| 85°   | 75.4    | 72.7    | 70.0   | 67.3   | 64.7   | 62.0   | 59.3   | 56.6   | 53.9   | 48.5   | 45.8  |
| 82.5° | 121.2   | 118.5   | 115.8  | 110.4  | 107.8  | 102.4  | 97.0   | 91.6   | 86.2   | 83.5   | 78.1  |
| 80°   | 175.1   | 169.7   | 164.3  | 158.9  | 150.9  | 142.8  | 137.4  | 129.3  | 123.9  | 115.8  | 110.4 |
| 77.5° | 237.1   | 229.0   | 220.9  | 210.1  | 202.0  | 194.0  | 183.2  | 175.1  | 164.3  | 153.6  | 142.8 |
| 75°   | 307.1   | 296.3   | 282.9  | 272.1  | 261.3  | 247.8  | 234.4  | 220.9  | 207.4  | 194.0  | 180.5 |
| 72.5° | 382.5   | 369.1   | 355.6  | 342.1  | 326.0  | 307.1  | 290.9  | 272.1  | 255.9  | 239.8  | 220.9 |
| 70°   | 460.7   | 444.5   | 428.3  | 412.2  | 393.3  | 371.8  | 352.9  | 331.3  | 309.8  | 288.2  | 266.7 |
| 67.5° | 533.4   | 517.2   | 498.4  | 482.2  | 460.7  | 439.1  | 414.9  | 390.6  | 366.4  | 339.4  | 312.5 |
| 65°   | 608.8   | 590.0   | 568.4  | 546.9  | 525.3  | 501.1  | 476.8  | 452.6  | 422.9  | 393.3  | 366.4 |
| 62.5° | 670.8   | 654.6   | 635.8  | 614.2  | 590.0  | 563.0  | 538.8  | 506.5  | 476.8  | 447.2  | 412.2 |
| 60°   | 730.0   | 711.2   | 695.0  | 670.8  | 649.2  | 625.0  | 595.4  | 563.0  | 530.7  | 495.7  | 463.3 |
| 57.5° | 781.2   | 765.1   | 746.2  | 724.7  | 700.4  | 676.2  | 649.2  | 619.6  | 581.9  | 546.9  | 509.1 |
| 55°   | 827.0   | 808.2   | 789.3  | 770.5  | 748.9  | 722.0  | 695.0  | 665.4  | 633.1  | 595.4  | 554.9 |
| 52.5° | 872.8   | 854.0   | 832.4  | 813.6  | 789.3  | 765.1  | 738.1  | 708.5  | 676.2  | 641.1  | 598.0 |
| 50°   | 918.6   | 897.1   | 875.5  | 851.3  | 827.0  | 802.8  | 775.8  | 748.9  | 713.9  | 678.9  | 641.1 |
| 47.5° | 972.5   | 945.6   | 918.6  | 891.7  | 867.4  | 837.8  | 810.9  | 781.2  | 751.6  | 713.9  | 676.2 |
| 45°   | 1039.8  | 999.4   | 967.1  | 934.8  | 905.1  | 875.5  | 843.2  | 813.6  | 781.2  | 748.9  | 708.5 |
| 42.5° | 1123.4  | 1069.5  | 1026.4 | 983.3  | 945.6  | 910.5  | 878.2  | 843.2  | 810.9  | 775.8  | 738.1 |
| 40°   | 1236.5  | 1163.8  | 1093.7 | 1039.8 | 991.4  | 948.3  | 910.5  | 875.5  | 837.8  | 802.8  | 765.1 |
| 37.5° | 1384.7  | 1282.3  | 1185.3 | 1107.2 | 1045.2 | 991.4  | 945.6  | 905.1  | 867.4  | 827.0  | 789.3 |
| 35°   | 1608.3  | 1430.5  | 1306.5 | 1193.4 | 1107.2 | 1039.8 | 983.3  | 934.8  | 891.7  | 851.3  | 813.6 |
| 32.5° | 1923.4  | 1648.7  | 1449.3 | 1306.5 | 1185.3 | 1093.7 | 1026.4 | 967.1  | 918.6  | 875.5  | 832.4 |
| 30°   | 2338.3  | 1958.5  | 1648.7 | 1430.5 | 1282.3 | 1163.8 | 1069.5 | 999.4  | 945.6  | 897.1  | 854.0 |
| 27.5° | 2995.6  | 2338.3  | 1923.4 | 1608.3 | 1384.7 | 1236.5 | 1123.4 | 1039.8 | 972.5  | 918.6  | 872.8 |
| 25°   | 3919.6  | 2928.3  | 2233.2 | 1815.7 | 1530.1 | 1325.4 | 1182.6 | 1074.9 | 999.4  | 940.2  | 889.0 |
| 22.5° | 4978.3  | 3669.1  | 2723.5 | 2087.8 | 1675.6 | 1411.6 | 1244.6 | 1120.7 | 1031.8 | 961.7  | 905.1 |
| 20°   | 6578.5  | 4576.9  | 3232.7 | 2394.9 | 1875.0 | 1538.2 | 1317.3 | 1166.5 | 1058.7 | 983.3  | 921.3 |
| 17.5° | 8108.6  | 5708.4  | 3949.2 | 2796.3 | 2085.1 | 1651.4 | 1382.0 | 1212.3 | 1085.6 | 1002.1 | 937.5 |
| 15°   | 9684.6  | 6928.7  | 4636.2 | 3157.2 | 2276.3 | 1769.9 | 1457.4 | 1258.0 | 1118.0 | 1023.7 | 950.9 |
| 12.5° | 11071.9 | 8041.3  | 5417.4 | 3644.8 | 2561.9 | 1918.1 | 1538.2 | 1301.2 | 1147.6 | 1039.8 | 964.4 |
| 10°   | 12273.4 | 9108.1  | 6239.1 | 4102.8 | 2799.0 | 2042.0 | 1602.9 | 1338.9 | 1169.2 | 1053.3 | 972.5 |
| 7.5°  | 13237.8 | 9953.9  | 6888.3 | 4466.5 | 2987.5 | 2139.0 | 1654.1 | 1368.5 | 1188.0 | 1066.8 | 980.6 |
| 5°    | 13940.9 | 10570.8 | 7359.7 | 4727.8 | 3122.2 | 2209.0 | 1691.8 | 1390.0 | 1201.5 | 1074.9 | 986.0 |
| 2.5°  | 14371.9 | 11071.9 | 7742.3 | 4940.6 | 3232.7 | 2265.6 | 1721.4 | 1406.2 | 1212.3 | 1080.3 | 991.4 |
| 0°    | 14514.7 | 11071.9 | 7742.3 | 4940.6 | 3232.7 | 2265.6 | 1721.4 | 1406.2 | 1212.3 | 1080.3 | 991.4 |

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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° | 18.9  | 18.9  | 16.2  | 16.2  | 13.5  | 13.5  | 10.8  | 10.8  | 8.1   | 8.1   | 5.4   |
| 85°   | 43.1  | 37.7  | 35.0  | 32.3  | 29.6  | 26.9  | 24.2  | 21.6  | 18.9  | 16.2  | 13.5  |
| 82.5° | 72.7  | 67.3  | 59.3  | 53.9  | 48.5  | 43.1  | 35.0  | 32.3  | 26.9  | 21.6  | 18.9  |
| 80°   | 102.4 | 94.3  | 86.2  | 78.1  | 70.0  | 62.0  | 53.9  | 45.8  | 37.7  | 29.6  | 24.2  |
| 77.5° | 132.0 | 121.2 | 113.1 | 102.4 | 91.6  | 80.8  | 70.0  | 59.3  | 48.5  | 37.7  | 29.6  |
| 75°   | 167.0 | 153.6 | 140.1 | 126.6 | 113.1 | 99.7  | 88.9  | 75.4  | 62.0  | 48.5  | 37.7  |
| 72.5° | 204.7 | 185.9 | 169.7 | 153.6 | 134.7 | 121.2 | 105.1 | 91.6  | 75.4  | 59.3  | 45.8  |
| 70°   | 245.1 | 223.6 | 202.0 | 180.5 | 161.6 | 140.1 | 123.9 | 105.1 | 88.9  | 70.0  | 53.9  |
| 67.5° | 285.6 | 261.3 | 237.1 | 210.1 | 185.9 | 164.3 | 140.1 | 121.2 | 99.7  | 80.8  | 62.0  |
| 65°   | 334.0 | 301.7 | 272.1 | 242.5 | 212.8 | 185.9 | 161.6 | 134.7 | 113.1 | 91.6  | 70.0  |
| 62.5° | 379.8 | 344.8 | 309.8 | 274.8 | 242.5 | 210.1 | 180.5 | 153.6 | 126.6 | 102.4 | 78.1  |
| 60°   | 425.6 | 387.9 | 347.5 | 309.8 | 272.1 | 237.1 | 202.0 | 169.7 | 140.1 | 113.1 | 86.2  |
| 57.5° | 471.4 | 428.3 | 387.9 | 344.8 | 301.7 | 261.3 | 223.6 | 185.9 | 153.6 | 121.2 | 94.3  |
| 55°   | 511.8 | 471.4 | 425.6 | 379.8 | 334.0 | 285.6 | 245.1 | 204.7 | 167.0 | 132.0 | 102.4 |
| 52.5° | 554.9 | 509.1 | 463.3 | 412.2 | 366.4 | 312.5 | 266.7 | 220.9 | 180.5 | 142.8 | 110.4 |
| 50°   | 595.4 | 546.9 | 495.7 | 447.2 | 393.3 | 339.4 | 288.2 | 239.8 | 194.0 | 153.6 | 115.8 |
| 47.5° | 633.1 | 581.9 | 530.7 | 476.8 | 422.9 | 366.4 | 309.8 | 255.9 | 207.4 | 164.3 | 123.9 |
| 45°   | 665.4 | 619.6 | 563.0 | 506.5 | 452.6 | 390.6 | 331.3 | 272.1 | 220.9 | 175.1 | 129.3 |
| 42.5° | 695.0 | 649.2 | 595.4 | 538.8 | 476.8 | 414.9 | 352.9 | 290.9 | 234.4 | 183.2 | 137.4 |
| 40°   | 722.0 | 676.2 | 625.0 | 563.0 | 501.1 | 439.1 | 371.8 | 307.1 | 247.8 | 194.0 | 142.8 |
| 37.5° | 748.9 | 700.4 | 649.2 | 590.0 | 525.3 | 460.7 | 393.3 | 326.0 | 261.3 | 202.0 | 150.9 |
| 35°   | 770.5 | 724.7 | 670.8 | 614.2 | 546.9 | 482.2 | 412.2 | 342.1 | 272.1 | 210.1 | 158.9 |
| 32.5° | 789.3 | 746.2 | 695.0 | 635.8 | 568.4 | 498.4 | 428.3 | 355.6 | 282.9 | 220.9 | 164.3 |
| 30°   | 808.2 | 765.1 | 711.2 | 654.6 | 590.0 | 517.2 | 444.5 | 369.1 | 296.3 | 229.0 | 169.7 |
| 27.5° | 827.0 | 781.2 | 730.0 | 670.8 | 608.8 | 533.4 | 460.7 | 382.5 | 307.1 | 237.1 | 175.1 |
| 25°   | 843.2 | 794.7 | 746.2 | 686.9 | 625.0 | 549.6 | 474.1 | 396.0 | 317.9 | 245.1 | 180.5 |
| 22.5° | 856.7 | 808.2 | 759.7 | 700.4 | 638.5 | 563.0 | 484.9 | 406.8 | 326.0 | 250.5 | 185.9 |
| 20°   | 870.1 | 821.6 | 770.5 | 713.9 | 649.2 | 576.5 | 495.7 | 417.6 | 334.0 | 255.9 | 188.6 |
| 17.5° | 883.6 | 832.4 | 781.2 | 724.7 | 660.0 | 587.3 | 506.5 | 425.6 | 342.1 | 261.3 | 194.0 |
| 15°   | 894.4 | 840.5 | 789.3 | 732.7 | 670.8 | 598.0 | 514.5 | 433.7 | 347.5 | 266.7 | 196.7 |
| 12.5° | 902.5 | 848.6 | 797.4 | 740.8 | 676.2 | 606.1 | 522.6 | 439.1 | 352.9 | 272.1 | 199.3 |
| 10°   | 910.5 | 856.7 | 802.8 | 748.9 | 684.2 | 611.5 | 528.0 | 444.5 | 358.3 | 274.8 | 202.0 |
| 7.5°  | 915.9 | 862.0 | 808.2 | 754.3 | 689.6 | 616.9 | 533.4 | 449.9 | 361.0 | 277.5 | 204.7 |
| 5°    | 921.3 | 864.7 | 810.9 | 757.0 | 692.3 | 625.0 | 538.8 | 455.3 | 366.4 | 280.2 | 204.7 |
| 2.5°  | 924.0 | 867.4 | 813.6 | 759.7 | 695.0 | 625.0 | 538.8 | 455.3 | 366.4 | 280.2 | 204.7 |
| 0°    | 924.0 | 867.4 | 813.6 | 759.7 | 695.0 | 625.0 | 538.8 | 455.3 | 366.4 | 280.2 | 204.7 |

REPORT NUMBER: P623802

CATALOG NUMBER: IFLD-L-SA7A-830-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 5.4   | 2.7  | 2.7   | 0.0 |
| 85°   | 8.1   | 5.4  | 2.7   | 0.0 |
| 82.5° | 13.5  | 8.1  | 5.4   | 0.0 |
| 80°   | 18.9  | 13.5 | 5.4   | 0.0 |
| 77.5° | 21.6  | 16.2 | 8.1   | 0.0 |
| 75°   | 26.9  | 18.9 | 8.1   | 0.0 |
| 72.5° | 32.3  | 21.6 | 10.8  | 0.0 |
| 70°   | 35.0  | 24.2 | 10.8  | 0.0 |
| 67.5° | 43.1  | 26.9 | 13.5  | 0.0 |
| 65°   | 48.5  | 29.6 | 13.5  | 0.0 |
| 62.5° | 53.9  | 32.3 | 16.2  | 0.0 |
| 60°   | 59.3  | 35.0 | 16.2  | 0.0 |
| 57.5° | 67.3  | 37.7 | 18.9  | 0.0 |
| 55°   | 72.7  | 43.1 | 18.9  | 0.0 |
| 52.5° | 78.1  | 45.8 | 21.6  | 0.0 |
| 50°   | 83.5  | 48.5 | 21.6  | 0.0 |
| 47.5° | 86.2  | 53.9 | 24.2  | 0.0 |
| 45°   | 91.6  | 56.6 | 24.2  | 0.0 |
| 42.5° | 97.0  | 59.3 | 26.9  | 0.0 |
| 40°   | 102.4 | 62.0 | 26.9  | 0.0 |
| 37.5° | 107.8 | 64.7 | 26.9  | 0.0 |
| 35°   | 110.4 | 67.3 | 29.6  | 0.0 |
| 32.5° | 115.8 | 70.0 | 29.6  | 0.0 |
| 30°   | 118.5 | 72.7 | 29.6  | 0.0 |
| 27.5° | 121.2 | 75.4 | 32.3  | 0.0 |
| 25°   | 123.9 | 75.4 | 32.3  | 0.0 |
| 22.5° | 126.6 | 78.1 | 32.3  | 0.0 |
| 20°   | 129.3 | 80.8 | 32.3  | 0.0 |
| 17.5° | 132.0 | 80.8 | 32.3  | 0.0 |
| 15°   | 134.7 | 83.5 | 35.0  | 0.0 |
| 12.5° | 137.4 | 83.5 | 35.0  | 0.0 |
| 10°   | 137.4 | 86.2 | 35.0  | 0.0 |
| 7.5°  | 140.1 | 86.2 | 35.0  | 0.0 |
| 5°    | 140.1 | 86.2 | 35.0  | 0.0 |
| 2.5°  | 140.1 | 86.2 | 35.0  | 0.0 |
| 0°    | 140.1 | 86.2 | 35.0  | 0.0 |

(END OF REPORT)