

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: P722819

Luminaire Tested: **IFLD-L-SA8C-722-U-11**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722819  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8C-722-U-11  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens  
Light Source: (128) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

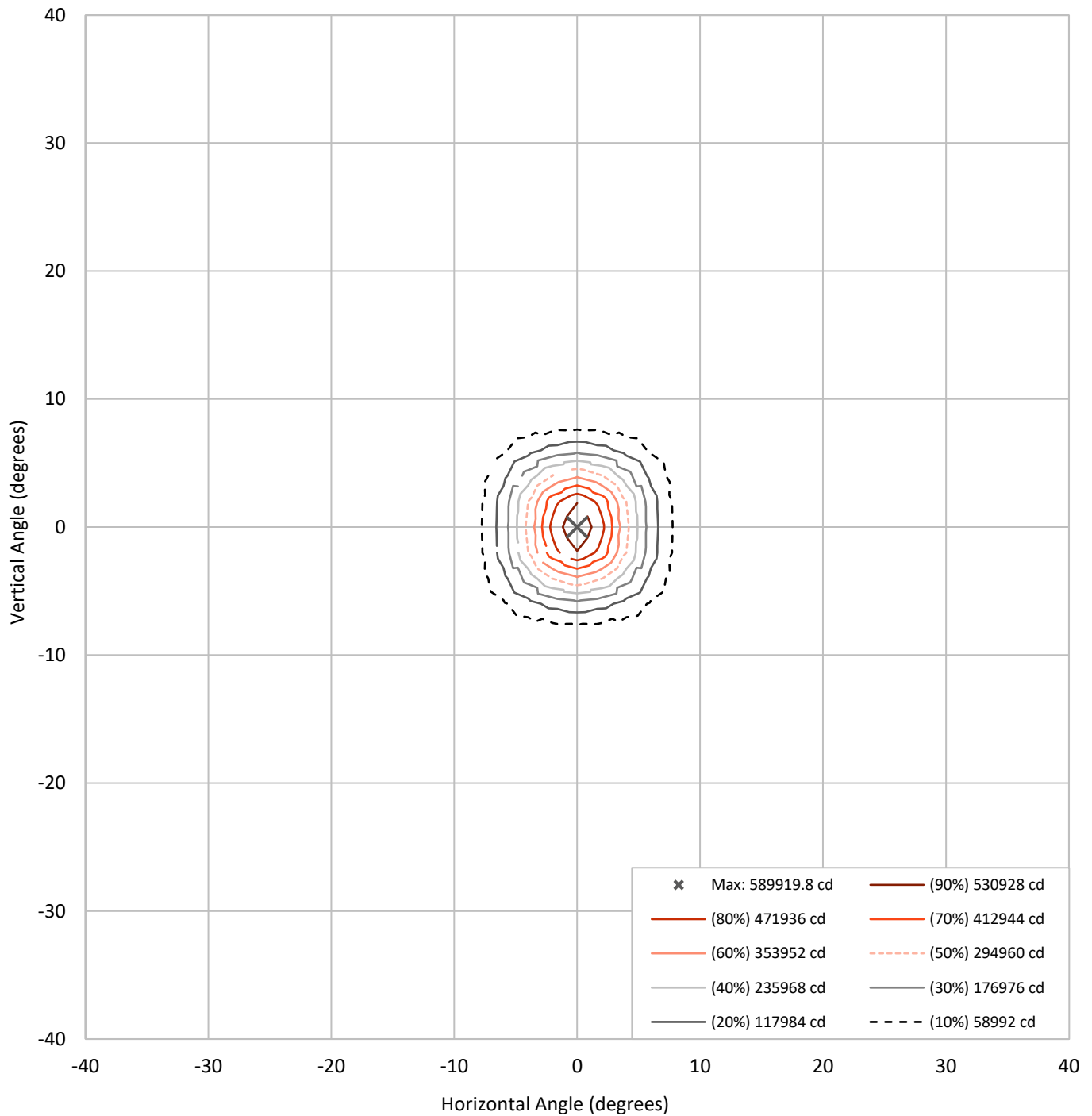
|                   |                                    |                      |                  |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 1H x 1V          |
| Luminaire Lumens: | 19682.6 lumens                     | Max Intensity:       | 589919.8 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 46.8 lumens/watt                   |                      |                  |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%): | 8.3°H x 8.9°V                      | Field Angle (10%):   | 14.9°H x 14.6°V  |
| Beam Lumens:      | 6631.1 lumens                      | Field Lumens:        | 10474.2 lumens   |
| Beam Efficiency:  | 33.7%                              | Field Efficiency:    | 53.2%            |

Input Watts (W): 420.3  
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: 28.75 FT



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### Iso-Candela Plot





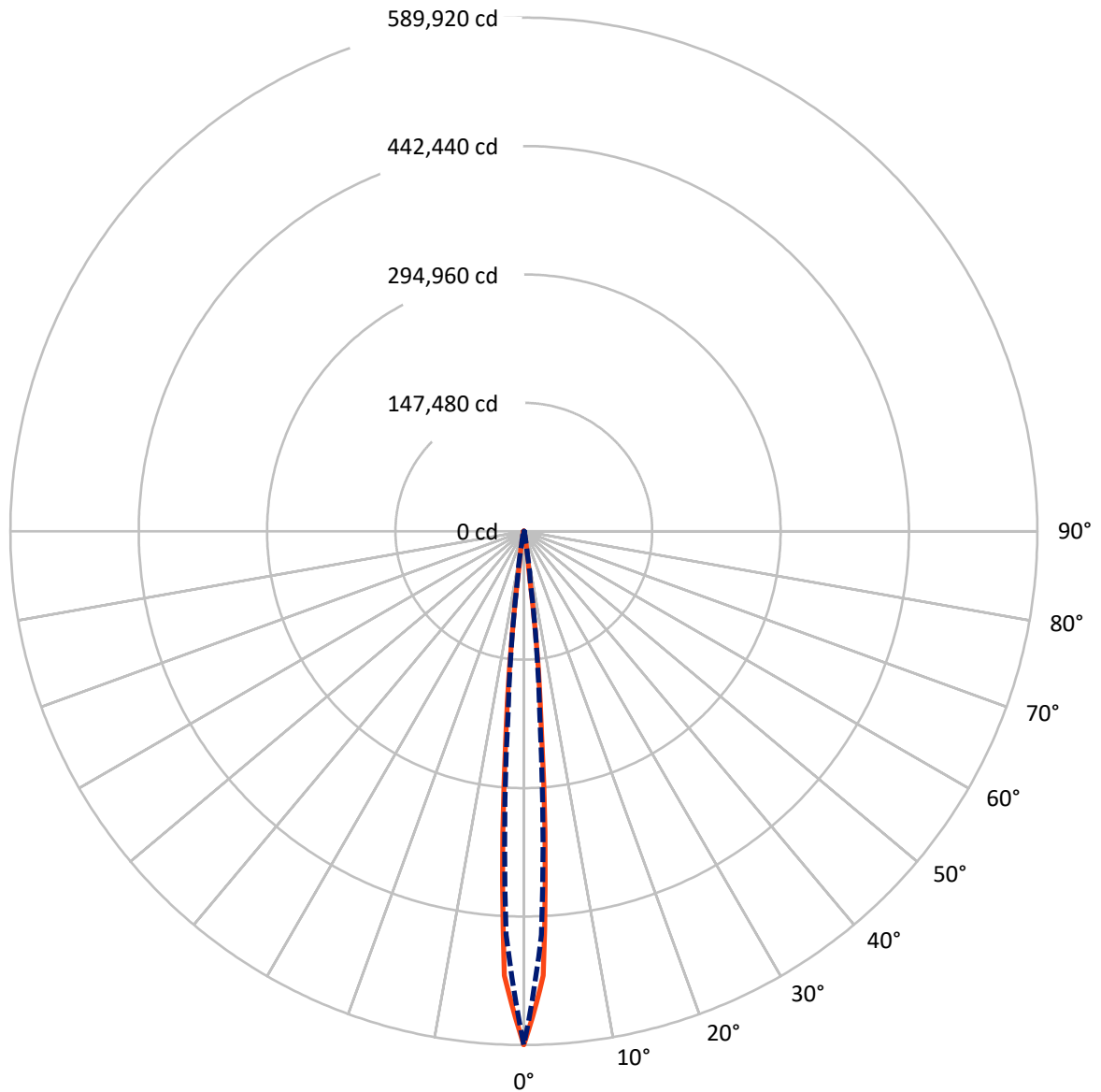
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### Lumen Table

|     |     |     |      |      |      |      |       |        |        |       |      |      |      |      |     |     |    |    |    |
|-----|-----|-----|------|------|------|------|-------|--------|--------|-------|------|------|------|------|-----|-----|----|----|----|
| 90  | 0.1 | 0.8 |      | 2.7  |      | 6.1  |       | 10.7   |        | 6.1   |      | 2.7  |      | 0.8  |     | 0.1 |    |    |    |
| 80  | 0.1 | 0.8 |      | 2.7  |      | 6.1  |       | 10.7   |        | 6.1   |      | 2.7  |      | 0.8  |     | 0.1 |    |    |    |
| 70  | 0.4 | 0.5 | 1.3  | 2.7  | 4.2  | 5.2  | 8.6   | 15.8   | 15.8   | 8.6   | 5.2  | 4.2  | 2.7  | 1.3  | 0.5 | 0.4 |    |    |    |
| 60  |     | 1.0 | 2.4  | 5.0  | 7.8  | 10.2 | 13.6  | 19.2   | 19.2   | 13.6  | 10.2 | 7.8  | 5.0  | 2.4  | 1.0 |     |    |    |    |
| 50  | 1.4 | 1.8 | 3.7  | 7.7  | 12.8 | 18.9 | 24.6  | 30.3   | 30.3   | 24.6  | 18.9 | 12.8 | 7.7  | 3.7  | 1.8 | 1.4 |    |    |    |
| 40  |     | 2.8 | 5.2  | 11.0 | 19.8 | 26.6 | 29.5  | 31.4   | 31.4   | 29.5  | 26.6 | 19.8 | 11.0 | 5.2  | 2.8 |     |    |    |    |
| 30  | 2.7 | 4.0 | 7.2  | 15.4 | 24.3 | 27.9 | 36.9  | 49.1   | 49.1   | 36.9  | 27.9 | 24.3 | 15.4 | 7.2  | 4.0 | 2.7 |    |    |    |
| 20  |     | 5.5 | 10.2 | 20.3 | 26.7 | 35.8 | 71.8  | 138.0  | 138.0  | 71.8  | 35.8 | 26.7 | 20.3 | 10.2 | 5.5 |     |    |    |    |
| 10  | 3.1 | 6.2 | 12.4 | 23.0 | 28.0 | 47.1 | 143.0 | 3842.9 | 3842.9 | 143.0 | 47.1 | 28.0 | 23.0 | 12.4 | 6.2 | 3.1 |    |    |    |
| 0   |     | 6.2 | 12.4 | 23.0 | 28.0 | 47.1 | 143.0 | 3842.9 | 3842.9 | 143.0 | 47.1 | 28.0 | 23.0 | 12.4 | 6.2 |     |    |    |    |
| -10 | 2.7 | 5.5 | 10.2 | 20.3 | 26.7 | 35.8 | 71.8  | 138.0  | 138.0  | 71.8  | 35.8 | 26.7 | 20.3 | 10.2 | 5.5 | 2.7 |    |    |    |
| -20 |     | 4.0 | 7.2  | 15.4 | 24.3 | 27.9 | 36.9  | 49.1   | 49.1   | 36.9  | 27.9 | 24.3 | 15.4 | 7.2  | 4.0 |     |    |    |    |
| -30 | 1.4 | 2.8 | 5.2  | 11.0 | 19.8 | 26.6 | 29.5  | 31.4   | 31.4   | 29.5  | 26.6 | 19.8 | 11.0 | 5.2  | 2.8 | 1.4 |    |    |    |
| -40 |     | 1.8 | 3.7  | 7.7  | 12.8 | 18.9 | 24.6  | 30.3   | 30.3   | 24.6  | 18.9 | 12.8 | 7.7  | 3.7  | 1.8 |     |    |    |    |
| -50 | 0.4 | 1.0 | 2.4  | 5.0  | 7.8  | 10.2 | 13.6  | 19.2   | 19.2   | 13.6  | 10.2 | 7.8  | 5.0  | 2.4  | 1.0 | 0.4 |    |    |    |
| -60 |     | 0.5 | 1.3  | 2.7  | 4.2  | 5.2  | 8.6   | 15.8   | 15.8   | 8.6   | 5.2  | 4.2  | 2.7  | 1.3  | 0.5 |     |    |    |    |
| -70 | 0.1 | 0.8 |      | 2.7  |      | 6.1  |       | 10.7   |        | 6.1   |      | 2.7  |      | 0.8  |     | 0.1 |    |    |    |
| -80 |     | 0.8 |      | 2.7  |      | 6.1  |       | 10.7   |        | 6.1   |      | 2.7  |      | 0.8  |     |     |    |    |    |
| -90 | 0.1 | 0.8 |      | 2.7  |      | 6.1  |       | 10.7   |        | 6.1   |      | 2.7  |      | 0.8  |     | 0.1 |    |    |    |
|     | -90 | -80 | -70  | -60  | -50  | -40  | -30   | -20    | -10    | 0     | 10   | 20   | 30   | 40   | 50  | 60  | 70 | 80 | 90 |

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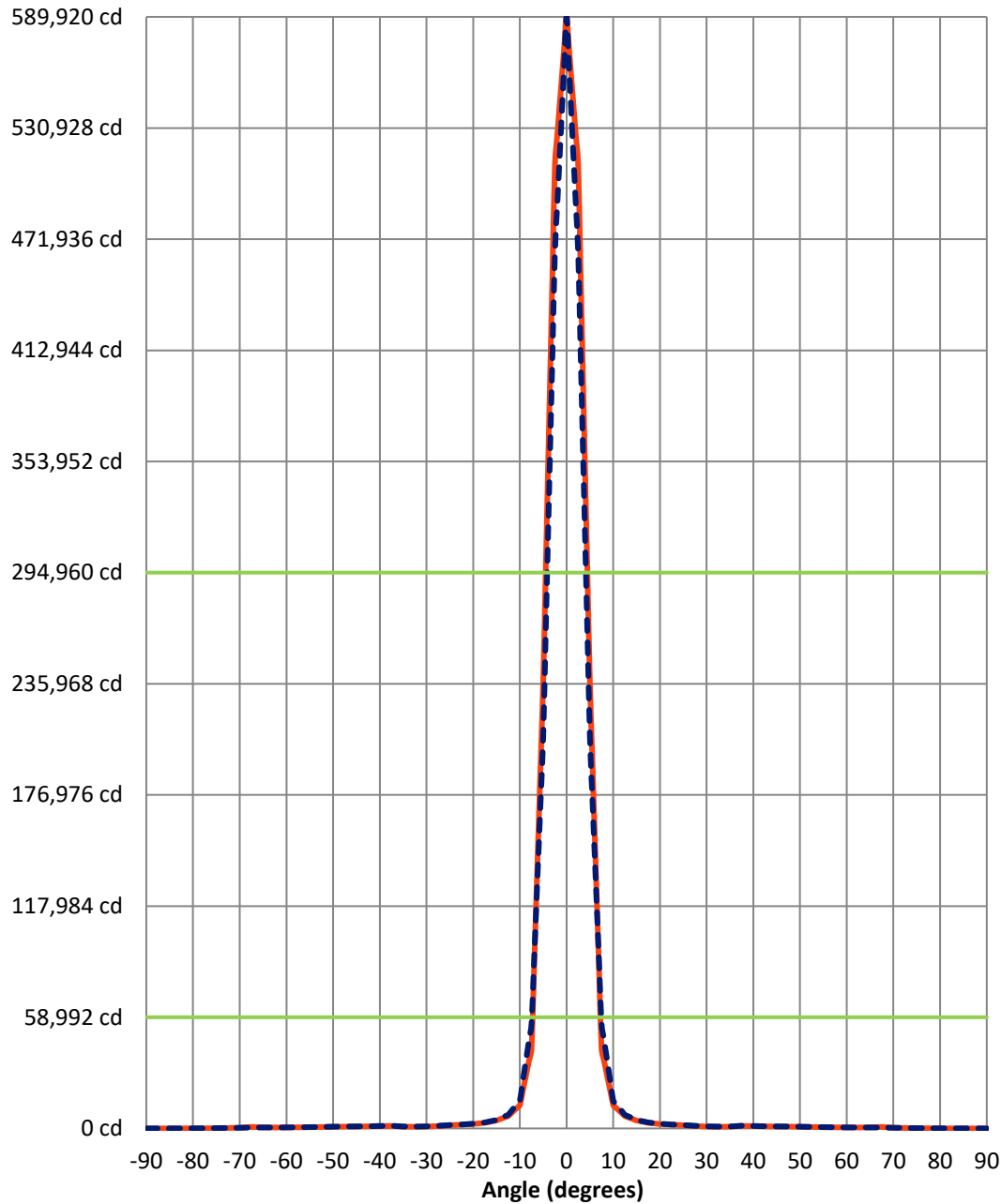
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 8.3°  
V Angle: 8.9°  
Lumens: 6631.1  
Efficiency: 33.7%

**Field:**  
H Angle: 14.9°  
V Angle: 14.6°  
Lumens: 10474.2  
Efficiency: 53.2%

**Spill:**  
Lumens: 9208.4  
Efficiency: 46.8%

— 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° | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 5.1      | 5.1      | 5.1      | 5.1     | 5.1     | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    |
| 82.5° | 15.4     | 15.4     | 15.4     | 15.4    | 15.4    | 15.4   | 15.4   | 10.3   | 10.3   | 10.3   | 10.3   |
| 80°   | 41.1     | 41.1     | 41.1     | 41.1    | 41.1    | 41.1   | 36.0   | 36.0   | 30.8   | 25.7   | 25.7   |
| 77.5° | 77.1     | 82.3     | 87.4     | 82.3    | 77.1    | 77.1   | 72.0   | 61.7   | 56.6   | 46.3   | 41.1   |
| 75°   | 128.5    | 138.8    | 144.0    | 138.8   | 133.7   | 128.5  | 118.2  | 102.8  | 87.4   | 72.0   | 61.7   |
| 72.5° | 231.4    | 236.5    | 236.5    | 226.2   | 210.8   | 200.5  | 185.1  | 154.2  | 128.5  | 102.8  | 87.4   |
| 70°   | 401.0    | 416.4    | 421.6    | 370.2   | 323.9   | 282.8  | 241.6  | 205.7  | 164.5  | 128.5  | 113.1  |
| 67.5° | 771.2    | 750.6    | 714.6    | 575.8   | 447.3   | 334.2  | 257.1  | 226.2  | 190.2  | 154.2  | 144.0  |
| 65°   | 581.0    | 565.5    | 545.0    | 473.0   | 401.0   | 323.9  | 272.5  | 241.6  | 215.9  | 185.1  | 179.9  |
| 62.5° | 488.4    | 488.4    | 478.1    | 431.9   | 385.6   | 329.0  | 293.1  | 272.5  | 246.8  | 221.1  | 221.1  |
| 60°   | 509.0    | 519.3    | 509.0    | 462.7   | 411.3   | 359.9  | 329.0  | 308.5  | 282.8  | 267.3  | 267.3  |
| 57.5° | 575.8    | 581.0    | 565.5    | 514.1   | 462.7   | 406.2  | 375.3  | 349.6  | 323.9  | 308.5  | 308.5  |
| 55°   | 663.2    | 658.1    | 637.5    | 586.1   | 534.7   | 478.1  | 447.3  | 411.3  | 375.3  | 359.9  | 359.9  |
| 52.5° | 745.5    | 750.6    | 730.1    | 683.8   | 627.2   | 570.7  | 534.7  | 488.4  | 447.3  | 431.9  | 421.6  |
| 50°   | 863.7    | 868.9    | 853.5    | 807.2   | 760.9   | 704.4  | 647.8  | 586.1  | 539.8  | 519.3  | 498.7  |
| 47.5° | 966.6    | 966.6    | 951.1    | 920.3   | 884.3   | 832.9  | 771.2  | 714.6  | 663.2  | 627.2  | 591.2  |
| 45°   | 1012.8   | 1012.8   | 1002.5   | 987.1   | 966.6   | 920.3  | 858.6  | 796.9  | 760.9  | 740.3  | 709.5  |
| 42.5° | 1095.1   | 1095.1   | 1069.4   | 1038.5  | 1012.8  | 966.6  | 910.0  | 843.2  | 832.9  | 812.3  | 791.8  |
| 40°   | 1228.8   | 1182.5   | 1141.4   | 1105.4  | 1064.2  | 1012.8 | 961.4  | 915.1  | 894.6  | 868.9  | 848.3  |
| 37.5° | 1352.2   | 1290.5   | 1228.8   | 1172.2  | 1125.9  | 1084.8 | 1018.0 | 982.0  | 956.3  | 925.4  | 904.9  |
| 35°   | 930.6    | 910.0    | 935.7    | 966.6   | 1012.8  | 1084.8 | 1131.1 | 1079.7 | 1023.1 | 987.1  | 961.4  |
| 32.5° | 889.4    | 889.4    | 894.6    | 894.6   | 884.3   | 879.2  | 925.4  | 1033.4 | 1141.4 | 1084.8 | 1033.4 |
| 30°   | 987.1    | 1007.7   | 1012.8   | 1002.5  | 966.6   | 920.3  | 894.6  | 889.4  | 940.9  | 1089.9 | 1131.1 |
| 27.5° | 1275.0   | 1290.5   | 1280.2   | 1244.2  | 1167.1  | 1059.1 | 992.3  | 920.3  | 904.9  | 904.9  | 1069.4 |
| 25°   | 1727.5   | 1722.3   | 1681.2   | 1598.9  | 1480.7  | 1336.7 | 1192.8 | 1043.7 | 966.6  | 920.3  | 915.1  |
| 22.5° | 1984.5   | 1984.5   | 1953.7   | 1907.4  | 1830.3  | 1686.3 | 1485.8 | 1285.3 | 1095.1 | 987.1  | 925.4  |
| 20°   | 2334.1   | 2344.4   | 2308.4   | 2221.0  | 2082.2  | 1953.7 | 1804.6 | 1568.1 | 1321.3 | 1105.4 | 982.0  |
| 17.5° | 2992.2   | 2981.9   | 2899.7   | 2719.7  | 2478.1  | 2257.0 | 2025.7 | 1845.7 | 1583.5 | 1305.9 | 1074.5 |
| 15°   | 4195.3   | 4164.4   | 3933.1   | 3516.6  | 3064.2  | 2673.5 | 2334.1 | 2035.9 | 1830.3 | 1516.7 | 1233.9 |
| 12.5° | 6560.3   | 6472.9   | 5845.6   | 4858.5  | 3989.6  | 3192.7 | 2688.9 | 2287.9 | 1984.5 | 1722.3 | 1388.1 |
| 10°   | 12308.2  | 12215.7  | 10287.7  | 7105.2  | 5460.0  | 3999.9 | 3084.8 | 2529.5 | 2133.6 | 1871.4 | 1537.2 |
| 7.5°  | 42292.1  | 36569.9  | 22637.0  | 13860.9 | 7218.3  | 4956.2 | 3593.7 | 2796.9 | 2298.1 | 1964.0 | 1665.8 |
| 5°    | 236771.0 | 195944.1 | 104043.9 | 28400.4 | 11444.5 | 6149.0 | 4082.2 | 3017.9 | 2411.3 | 2030.8 | 1742.9 |
| 2.5°  | 510780.2 | 421939.0 | 202946.5 | 51469.3 | 14102.5 | 6925.3 | 4364.9 | 3120.8 | 2467.8 | 2061.6 | 1789.2 |
| 0°    | 589919.8 | 463850.6 | 207275.5 | 55705.7 | 14776.0 | 7233.8 | 4488.3 | 3167.0 | 2493.5 | 2082.2 | 1804.6 |



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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° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 5.1    | 5.1    | 5.1    | 5.1   | 5.1   |
| 85°   | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1   | 5.1   |
| 82.5° | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 10.3   | 5.1    | 5.1    | 5.1    | 5.1   | 5.1   |
| 80°   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 15.4   | 15.4   | 15.4   | 10.3   | 10.3  | 10.3  |
| 77.5° | 41.1   | 41.1   | 36.0   | 36.0   | 30.8   | 30.8   | 30.8   | 25.7   | 20.6   | 20.6  | 15.4  |
| 75°   | 61.7   | 61.7   | 61.7   | 56.6   | 51.4   | 46.3   | 46.3   | 41.1   | 36.0   | 30.8  | 30.8  |
| 72.5° | 87.4   | 87.4   | 87.4   | 82.3   | 77.1   | 72.0   | 61.7   | 56.6   | 51.4   | 46.3  | 41.1  |
| 70°   | 113.1  | 113.1  | 113.1  | 108.0  | 108.0  | 102.8  | 92.5   | 82.3   | 72.0   | 61.7  | 56.6  |
| 67.5° | 144.0  | 144.0  | 144.0  | 133.7  | 128.5  | 123.4  | 118.2  | 108.0  | 97.7   | 82.3  | 72.0  |
| 65°   | 179.9  | 179.9  | 179.9  | 164.5  | 154.2  | 149.1  | 138.8  | 128.5  | 113.1  | 102.8 | 87.4  |
| 62.5° | 226.2  | 226.2  | 215.9  | 200.5  | 185.1  | 169.7  | 159.4  | 149.1  | 133.7  | 118.2 | 102.8 |
| 60°   | 267.3  | 267.3  | 262.2  | 241.6  | 221.1  | 195.4  | 185.1  | 169.7  | 154.2  | 138.8 | 118.2 |
| 57.5° | 308.5  | 308.5  | 298.2  | 277.6  | 257.1  | 236.5  | 215.9  | 200.5  | 179.9  | 159.4 | 138.8 |
| 55°   | 354.7  | 349.6  | 334.2  | 313.6  | 293.1  | 272.5  | 257.1  | 236.5  | 215.9  | 190.2 | 159.4 |
| 52.5° | 411.3  | 395.9  | 370.2  | 349.6  | 323.9  | 303.3  | 287.9  | 267.3  | 246.8  | 215.9 | 179.9 |
| 50°   | 478.1  | 452.4  | 416.4  | 385.6  | 359.9  | 339.3  | 318.8  | 298.2  | 277.6  | 241.6 | 205.7 |
| 47.5° | 560.4  | 519.3  | 478.1  | 437.0  | 401.0  | 375.3  | 349.6  | 329.0  | 298.2  | 262.2 | 226.2 |
| 45°   | 658.1  | 596.4  | 550.1  | 498.7  | 457.6  | 416.4  | 385.6  | 359.9  | 318.8  | 277.6 | 241.6 |
| 42.5° | 755.8  | 704.4  | 637.5  | 570.7  | 519.3  | 467.9  | 426.7  | 385.6  | 344.5  | 298.2 | 257.1 |
| 40°   | 822.6  | 781.5  | 735.2  | 663.2  | 591.2  | 529.6  | 473.0  | 416.4  | 365.0  | 318.8 | 272.5 |
| 37.5° | 874.0  | 843.2  | 802.0  | 750.6  | 678.6  | 601.5  | 524.4  | 452.4  | 390.7  | 339.3 | 293.1 |
| 35°   | 930.6  | 894.6  | 853.5  | 812.3  | 755.8  | 673.5  | 575.8  | 493.6  | 421.6  | 359.9 | 318.8 |
| 32.5° | 992.3  | 940.9  | 899.7  | 853.5  | 812.3  | 745.5  | 642.7  | 539.8  | 452.4  | 390.7 | 349.6 |
| 30°   | 1064.2 | 997.4  | 940.9  | 894.6  | 848.3  | 786.6  | 709.5  | 591.2  | 498.7  | 431.9 | 380.5 |
| 27.5° | 1141.4 | 1043.7 | 982.0  | 930.6  | 884.3  | 827.7  | 755.8  | 652.9  | 555.3  | 473.0 | 411.3 |
| 25°   | 1069.4 | 1120.8 | 1023.1 | 966.6  | 915.1  | 858.6  | 796.9  | 730.1  | 617.0  | 524.4 | 452.4 |
| 22.5° | 920.3  | 1100.2 | 1095.1 | 1012.8 | 951.1  | 899.7  | 863.7  | 791.8  | 688.9  | 575.8 | 488.4 |
| 20°   | 930.6  | 982.0  | 1172.2 | 1059.1 | 997.4  | 961.4  | 925.4  | 858.6  | 755.8  | 622.1 | 524.4 |
| 17.5° | 961.4  | 940.9  | 1079.7 | 1131.1 | 1059.1 | 1012.8 | 987.1  | 925.4  | 817.5  | 683.8 | 581.0 |
| 15°   | 1043.7 | 956.3  | 997.4  | 1192.8 | 1115.7 | 1064.2 | 1048.8 | 971.7  | 874.0  | 750.6 | 637.5 |
| 12.5° | 1115.7 | 982.0  | 961.4  | 1151.6 | 1167.1 | 1110.5 | 1074.5 | 1007.7 | 920.3  | 807.2 | 688.9 |
| 10°   | 1233.9 | 1043.7 | 976.8  | 1105.4 | 1218.5 | 1151.6 | 1095.1 | 1038.5 | 956.3  | 858.6 | 740.3 |
| 7.5°  | 1326.4 | 1079.7 | 982.0  | 1069.4 | 1269.9 | 1182.5 | 1115.7 | 1054.0 | 987.1  | 899.7 | 781.5 |
| 5°    | 1367.6 | 1095.1 | 976.8  | 1038.5 | 1326.4 | 1218.5 | 1141.4 | 1069.4 | 1007.7 | 925.4 | 802.0 |
| 2.5°  | 1388.1 | 1100.2 | 971.7  | 1012.8 | 1383.0 | 1264.8 | 1151.6 | 1069.4 | 1007.7 | 930.6 | 802.0 |
| 0°    | 1398.4 | 1089.9 | 971.7  | 1028.3 | 1424.1 | 1311.0 | 1156.8 | 1069.4 | 1002.5 | 925.4 | 791.8 |





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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° | 5.1   | 5.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 85°   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 0.0   | 0.0  |
| 82.5° | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1  |
| 80°   | 10.3  | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1  |
| 77.5° | 15.4  | 15.4  | 10.3  | 10.3  | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1   | 5.1  |
| 75°   | 25.7  | 20.6  | 20.6  | 15.4  | 15.4  | 10.3  | 5.1   | 5.1   | 5.1   | 5.1   | 5.1  |
| 72.5° | 36.0  | 30.8  | 25.7  | 20.6  | 20.6  | 15.4  | 10.3  | 5.1   | 5.1   | 5.1   | 5.1  |
| 70°   | 46.3  | 41.1  | 30.8  | 25.7  | 25.7  | 20.6  | 15.4  | 10.3  | 5.1   | 5.1   | 5.1  |
| 67.5° | 61.7  | 51.4  | 41.1  | 30.8  | 30.8  | 25.7  | 20.6  | 15.4  | 10.3  | 5.1   | 5.1  |
| 65°   | 77.1  | 61.7  | 51.4  | 41.1  | 36.0  | 30.8  | 25.7  | 20.6  | 15.4  | 5.1   | 5.1  |
| 62.5° | 87.4  | 77.1  | 61.7  | 51.4  | 46.3  | 36.0  | 30.8  | 25.7  | 15.4  | 10.3  | 5.1  |
| 60°   | 102.8 | 87.4  | 72.0  | 61.7  | 56.6  | 46.3  | 36.0  | 30.8  | 20.6  | 15.4  | 5.1  |
| 57.5° | 118.2 | 97.7  | 82.3  | 72.0  | 66.8  | 56.6  | 46.3  | 36.0  | 25.7  | 15.4  | 10.3 |
| 55°   | 133.7 | 113.1 | 92.5  | 87.4  | 77.1  | 66.8  | 56.6  | 41.1  | 30.8  | 20.6  | 10.3 |
| 52.5° | 149.1 | 123.4 | 108.0 | 102.8 | 92.5  | 77.1  | 61.7  | 51.4  | 36.0  | 25.7  | 15.4 |
| 50°   | 169.7 | 138.8 | 123.4 | 118.2 | 102.8 | 87.4  | 72.0  | 61.7  | 46.3  | 30.8  | 15.4 |
| 47.5° | 190.2 | 154.2 | 144.0 | 133.7 | 118.2 | 102.8 | 82.3  | 72.0  | 51.4  | 36.0  | 20.6 |
| 45°   | 205.7 | 179.9 | 164.5 | 154.2 | 133.7 | 118.2 | 97.7  | 82.3  | 56.6  | 41.1  | 20.6 |
| 42.5° | 215.9 | 200.5 | 190.2 | 174.8 | 154.2 | 128.5 | 108.0 | 92.5  | 66.8  | 46.3  | 25.7 |
| 40°   | 241.6 | 226.2 | 210.8 | 195.4 | 174.8 | 144.0 | 123.4 | 102.8 | 77.1  | 51.4  | 25.7 |
| 37.5° | 267.3 | 246.8 | 231.4 | 215.9 | 195.4 | 164.5 | 144.0 | 113.1 | 87.4  | 56.6  | 30.8 |
| 35°   | 293.1 | 272.5 | 251.9 | 236.5 | 215.9 | 190.2 | 159.4 | 128.5 | 97.7  | 61.7  | 36.0 |
| 32.5° | 318.8 | 293.1 | 272.5 | 251.9 | 241.6 | 210.8 | 174.8 | 138.8 | 108.0 | 66.8  | 36.0 |
| 30°   | 344.5 | 313.6 | 293.1 | 277.6 | 267.3 | 236.5 | 195.4 | 154.2 | 118.2 | 77.1  | 41.1 |
| 27.5° | 370.2 | 334.2 | 308.5 | 308.5 | 298.2 | 262.2 | 210.8 | 169.7 | 128.5 | 82.3  | 46.3 |
| 25°   | 395.9 | 354.7 | 344.5 | 339.3 | 334.2 | 287.9 | 231.4 | 185.1 | 133.7 | 92.5  | 46.3 |
| 22.5° | 421.6 | 390.7 | 375.3 | 370.2 | 359.9 | 313.6 | 251.9 | 195.4 | 144.0 | 97.7  | 51.4 |
| 20°   | 462.7 | 431.9 | 411.3 | 395.9 | 390.7 | 344.5 | 272.5 | 210.8 | 154.2 | 97.7  | 51.4 |
| 17.5° | 514.1 | 467.9 | 442.1 | 426.7 | 416.4 | 370.2 | 293.1 | 226.2 | 159.4 | 97.7  | 51.4 |
| 15°   | 560.4 | 509.0 | 473.0 | 452.4 | 442.1 | 401.0 | 308.5 | 231.4 | 164.5 | 97.7  | 51.4 |
| 12.5° | 606.7 | 545.0 | 503.8 | 483.3 | 467.9 | 431.9 | 323.9 | 236.5 | 164.5 | 97.7  | 51.4 |
| 10°   | 647.8 | 581.0 | 539.8 | 509.0 | 488.4 | 442.1 | 329.0 | 241.6 | 164.5 | 97.7  | 51.4 |
| 7.5°  | 683.8 | 611.8 | 555.3 | 509.0 | 488.4 | 452.4 | 329.0 | 246.8 | 164.5 | 97.7  | 56.6 |
| 5°    | 688.9 | 611.8 | 550.1 | 509.0 | 493.6 | 457.6 | 334.2 | 246.8 | 164.5 | 92.5  | 51.4 |
| 2.5°  | 694.1 | 611.8 | 550.1 | 509.0 | 493.6 | 457.6 | 334.2 | 246.8 | 164.5 | 92.5  | 51.4 |
| 0°    | 688.9 | 606.7 | 545.0 | 509.0 | 493.6 | 457.6 | 334.2 | 246.8 | 159.4 | 87.4  | 51.4 |



REPORT NUMBER: P722819  
 CATALOG NUMBER: IFLD-L-SA8C-722-U-11

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-----|-------|-----|
| 90°   | 0.0   | 0.0 | 0.0   | 0.0 |
| 87.5° | 0.0   | 0.0 | 0.0   | 0.0 |
| 85°   | 0.0   | 0.0 | 0.0   | 0.0 |
| 82.5° | 0.0   | 0.0 | 0.0   | 0.0 |
| 80°   | 5.1   | 0.0 | 0.0   | 0.0 |
| 77.5° | 5.1   | 0.0 | 0.0   | 0.0 |
| 75°   | 5.1   | 5.1 | 0.0   | 0.0 |
| 72.5° | 5.1   | 5.1 | 0.0   | 0.0 |
| 70°   | 5.1   | 5.1 | 0.0   | 0.0 |
| 67.5° | 5.1   | 5.1 | 0.0   | 0.0 |
| 65°   | 5.1   | 5.1 | 0.0   | 0.0 |
| 62.5° | 5.1   | 5.1 | 0.0   | 0.0 |
| 60°   | 5.1   | 5.1 | 0.0   | 0.0 |
| 57.5° | 5.1   | 5.1 | 5.1   | 0.0 |
| 55°   | 5.1   | 5.1 | 5.1   | 0.0 |
| 52.5° | 5.1   | 5.1 | 5.1   | 0.0 |
| 50°   | 5.1   | 5.1 | 5.1   | 0.0 |
| 47.5° | 5.1   | 5.1 | 5.1   | 0.0 |
| 45°   | 5.1   | 5.1 | 5.1   | 0.0 |
| 42.5° | 10.3  | 5.1 | 5.1   | 0.0 |
| 40°   | 10.3  | 5.1 | 5.1   | 0.0 |
| 37.5° | 15.4  | 5.1 | 5.1   | 0.0 |
| 35°   | 15.4  | 5.1 | 5.1   | 0.0 |
| 32.5° | 15.4  | 5.1 | 5.1   | 0.0 |
| 30°   | 15.4  | 5.1 | 5.1   | 0.0 |
| 27.5° | 20.6  | 5.1 | 5.1   | 0.0 |
| 25°   | 20.6  | 5.1 | 5.1   | 0.0 |
| 22.5° | 20.6  | 5.1 | 5.1   | 0.0 |
| 20°   | 20.6  | 5.1 | 5.1   | 0.0 |
| 17.5° | 20.6  | 5.1 | 5.1   | 0.0 |
| 15°   | 25.7  | 5.1 | 5.1   | 0.0 |
| 12.5° | 25.7  | 5.1 | 5.1   | 0.0 |
| 10°   | 25.7  | 5.1 | 5.1   | 0.0 |
| 7.5°  | 25.7  | 5.1 | 5.1   | 0.0 |
| 5°    | 25.7  | 5.1 | 5.1   | 0.0 |
| 2.5°  | 25.7  | 5.1 | 5.1   | 0.0 |
| 0°    | 25.7  | 5.1 | 5.1   | 0.0 |

(END OF REPORT)