

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: P722805

Luminaire Tested: **IFLD-S-SA6D-722-U-11**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722805  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-722-U-11  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens  
Light Source: (96) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

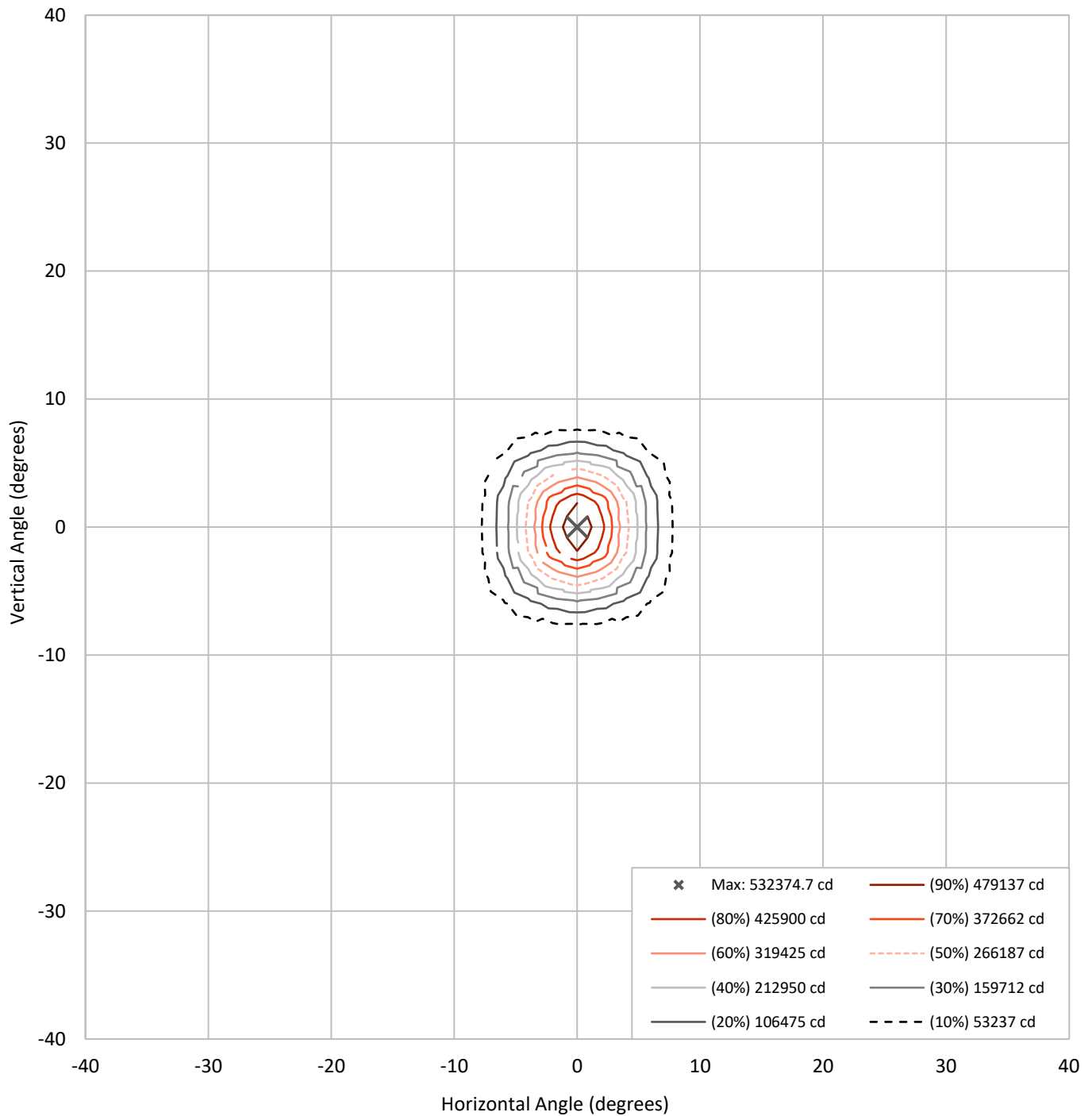
|  |                                    |
|--|------------------------------------|
| Lumens per Lamp: N/A                                   | NEMA Type: 1H x 1V                 |
| Luminaire Lumens: 17762.6 lumens                       | Max Intensity: 532374.7 candela    |
| Efficiency: N/A  | Max Intensity Angle: 0°H x 0°V     |
| Efficacy: 48.2 lumens/watt                             |                                    |
| Luminous Opening: Rectangular (W 1.5' 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: 5984.3 lumens                             | Field Lumens: 9452.5 lumens        |
| Beam Efficiency: 33.7%                                 | Field Efficiency: 53.2%            |

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: 28.75 FT



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### Iso-Candela Plot





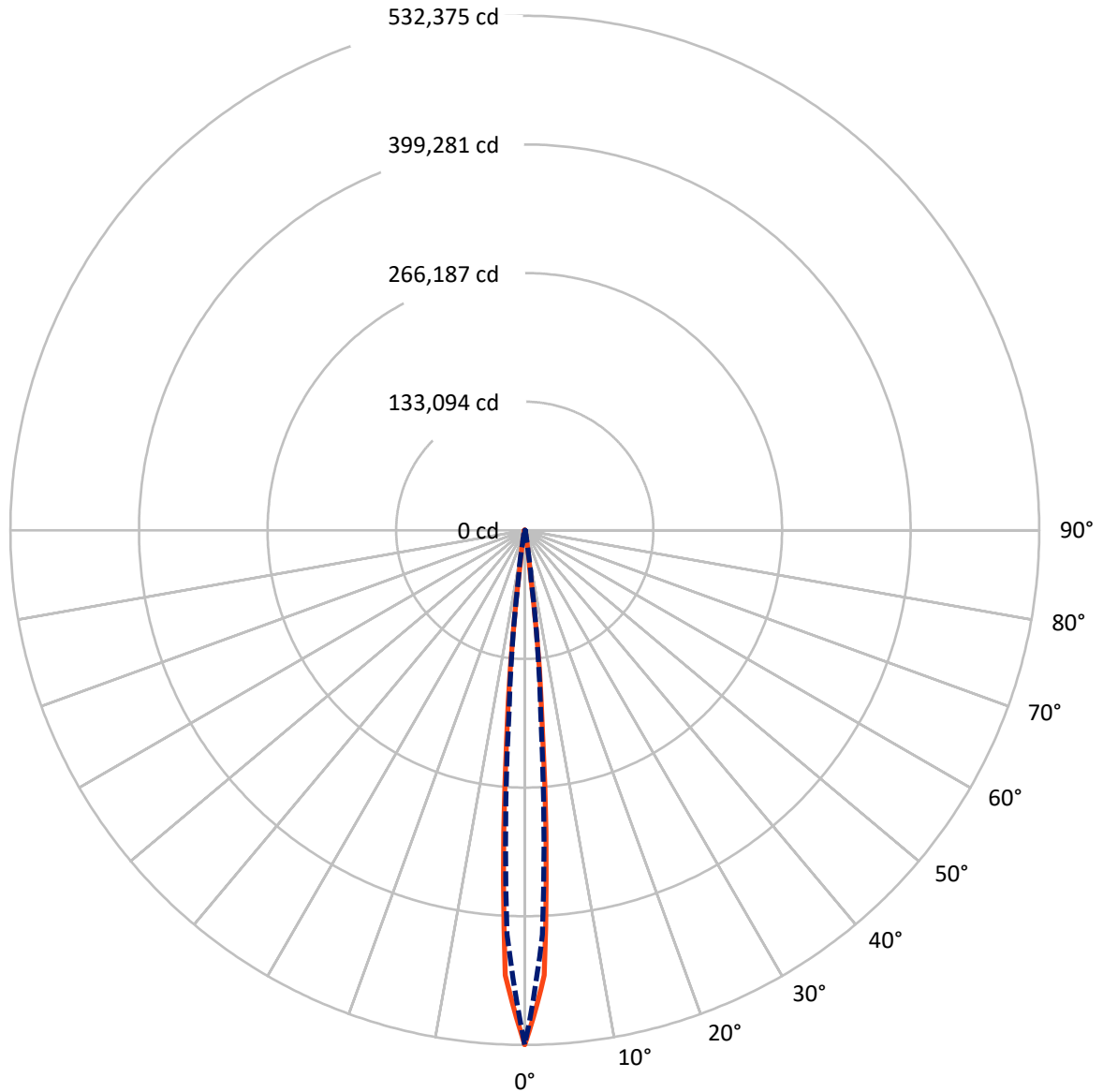
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### Lumen Table

|     |     |     |      |      |      |      |       |        |        |       |      |      |      |      |     |     |    |    |    |
|-----|-----|-----|------|------|------|------|-------|--------|--------|-------|------|------|------|------|-----|-----|----|----|----|
| 90  | 0.1 | 0.7 | 2.4  | 5.5  | 9.7  | 5.5  | 2.4   | 0.7    | 0.1    |       |      |      |      |      |     |     |    |    |    |
| 80  | 0.1 | 0.7 | 2.4  | 5.5  | 9.7  | 5.5  | 2.4   | 0.7    | 0.1    |       |      |      |      |      |     |     |    |    |    |
| 70  | 0.4 | 0.4 | 1.2  | 2.5  | 3.8  | 4.7  | 7.7   | 14.2   | 14.2   | 7.7   | 4.7  | 3.8  | 2.5  | 1.2  | 0.4 | 0.4 |    |    |    |
| 60  |     | 0.9 | 2.2  | 4.5  | 7.1  | 9.2  | 12.3  | 17.4   | 17.4   | 12.3  | 9.2  | 7.1  | 4.5  | 2.2  | 0.9 |     |    |    |    |
| 50  | 1.2 | 1.6 | 3.4  | 6.9  | 11.6 | 17.1 | 22.2  | 27.3   | 27.3   | 22.2  | 17.1 | 11.6 | 6.9  | 3.4  | 1.6 | 1.2 |    |    |    |
| 40  |     | 2.5 | 4.7  | 9.9  | 17.9 | 24.0 | 26.6  | 28.3   | 28.3   | 26.6  | 24.0 | 17.9 | 9.9  | 4.7  | 2.5 |     |    |    |    |
| 30  | 2.4 | 3.7 | 6.5  | 13.9 | 21.9 | 25.2 | 33.3  | 44.3   | 44.3   | 33.3  | 25.2 | 21.9 | 13.9 | 6.5  | 3.7 | 2.4 |    |    |    |
| 20  |     | 4.9 | 9.2  | 18.4 | 24.1 | 32.3 | 64.8  | 124.6  | 124.6  | 64.8  | 32.3 | 24.1 | 18.4 | 9.2  | 4.9 |     |    |    |    |
| 10  | 2.8 | 5.6 | 11.2 | 20.7 | 25.2 | 42.5 | 129.1 | 3468.0 | 3468.0 | 129.1 | 42.5 | 25.2 | 20.7 | 11.2 | 5.6 | 2.8 |    |    |    |
| 0   |     | 5.6 | 11.2 | 20.7 | 25.2 | 42.5 | 129.1 | 3468.0 | 3468.0 | 129.1 | 42.5 | 25.2 | 20.7 | 11.2 | 5.6 |     |    |    |    |
| -10 | 2.4 | 4.9 | 9.2  | 18.4 | 24.1 | 32.3 | 64.8  | 124.6  | 124.6  | 64.8  | 32.3 | 24.1 | 18.4 | 9.2  | 4.9 | 2.4 |    |    |    |
| -20 |     | 3.7 | 6.5  | 13.9 | 21.9 | 25.2 | 33.3  | 44.3   | 44.3   | 33.3  | 25.2 | 21.9 | 13.9 | 6.5  | 3.7 |     |    |    |    |
| -30 | 1.2 | 2.5 | 4.7  | 9.9  | 17.9 | 24.0 | 26.6  | 28.3   | 28.3   | 26.6  | 24.0 | 17.9 | 9.9  | 4.7  | 2.5 | 1.2 |    |    |    |
| -40 |     | 1.6 | 3.4  | 6.9  | 11.6 | 17.1 | 22.2  | 27.3   | 27.3   | 22.2  | 17.1 | 11.6 | 6.9  | 3.4  | 1.6 |     |    |    |    |
| -50 | 0.4 | 0.9 | 2.2  | 4.5  | 7.1  | 9.2  | 12.3  | 17.4   | 17.4   | 12.3  | 9.2  | 7.1  | 4.5  | 2.2  | 0.9 | 0.4 |    |    |    |
| -60 |     | 0.4 | 1.2  | 2.5  | 3.8  | 4.7  | 7.7   | 14.2   | 14.2   | 7.7   | 4.7  | 3.8  | 2.5  | 1.2  | 0.4 |     |    |    |    |
| -70 | 0.1 | 0.7 | 2.4  | 5.5  | 9.7  | 5.5  | 2.4   | 0.7    | 0.1    |       |      |      |      |      |     |     |    |    |    |
| -80 |     | 0.1 | 0.7  | 2.4  | 5.5  | 9.7  | 5.5   | 2.4    | 0.7    | 0.1   |      |      |      |      |     |     |    |    |    |
| -90 | 0.1 | 0.7 | 2.4  | 5.5  | 9.7  | 5.5  | 2.4   | 0.7    | 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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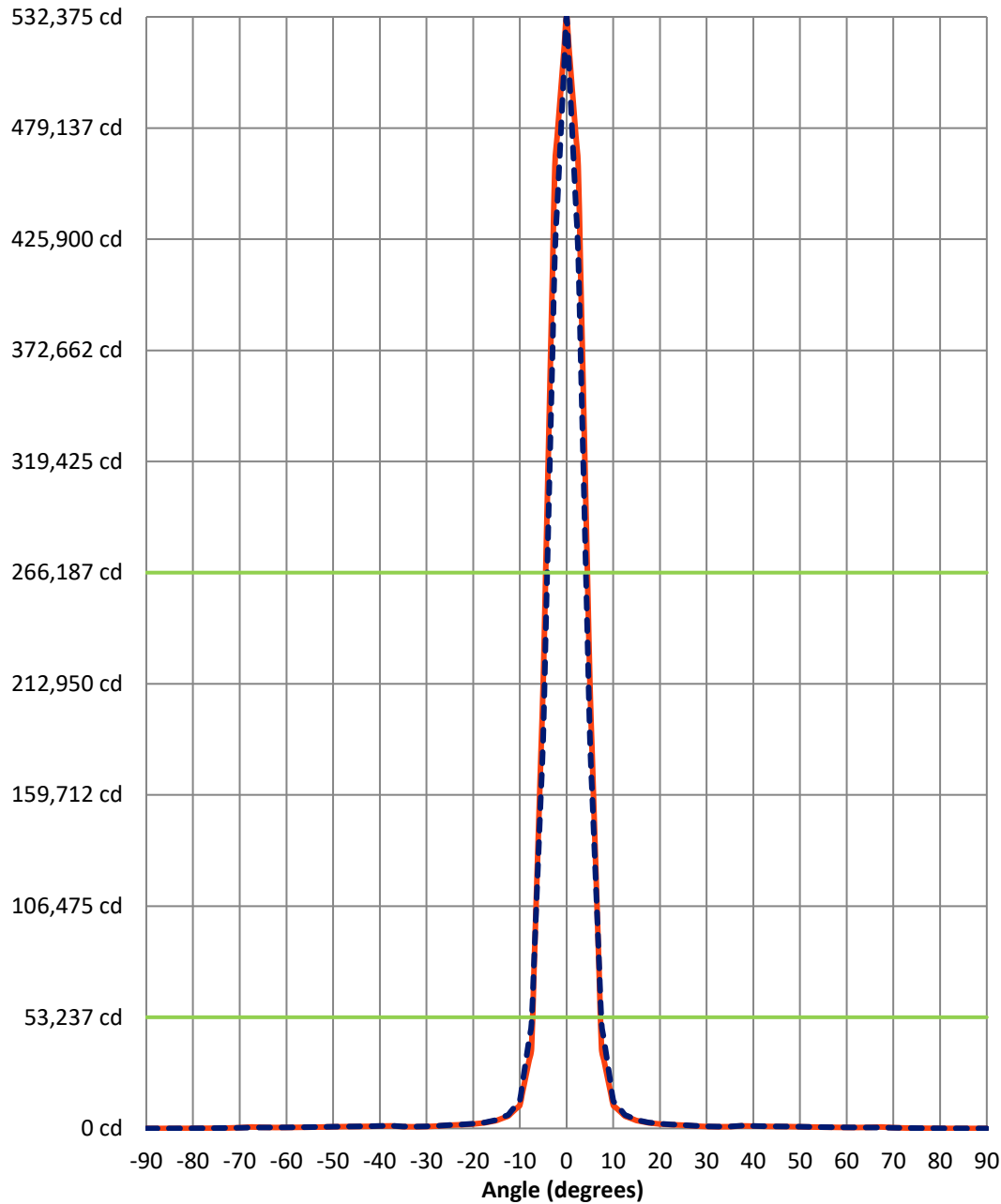
### Luminous Intensity Polar Plot



— 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: 5984.3  
Efficiency: 33.7%

**Field:**  
H Angle: 14.9°  
V Angle: 14.6°  
Lumens: 9452.5  
Efficiency: 53.2%

**Spill:**  
Lumens: 8310.1  
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°   | 4.6      | 4.6      | 4.6      | 4.6     | 4.6     | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    |
| 82.5° | 13.9     | 13.9     | 13.9     | 13.9    | 13.9    | 13.9   | 13.9   | 9.3    | 9.3    | 9.3    | 9.3    |
| 80°   | 37.1     | 37.1     | 37.1     | 37.1    | 37.1    | 37.1   | 32.5   | 32.5   | 27.8   | 23.2   | 23.2   |
| 77.5° | 69.6     | 74.2     | 78.9     | 74.2    | 69.6    | 69.6   | 65.0   | 55.7   | 51.0   | 41.8   | 37.1   |
| 75°   | 116.0    | 125.3    | 129.9    | 125.3   | 120.6   | 116.0  | 106.7  | 92.8   | 78.9   | 65.0   | 55.7   |
| 72.5° | 208.8    | 213.4    | 213.4    | 204.1   | 190.2   | 181.0  | 167.0  | 139.2  | 116.0  | 92.8   | 78.9   |
| 70°   | 361.9    | 375.8    | 380.5    | 334.1   | 292.3   | 255.2  | 218.1  | 185.6  | 148.5  | 116.0  | 102.1  |
| 67.5° | 696.0    | 677.4    | 644.9    | 519.7   | 403.7   | 301.6  | 232.0  | 204.1  | 171.7  | 139.2  | 129.9  |
| 65°   | 524.3    | 510.4    | 491.8    | 426.9   | 361.9   | 292.3  | 245.9  | 218.1  | 194.9  | 167.0  | 162.4  |
| 62.5° | 440.8    | 440.8    | 431.5    | 389.7   | 348.0   | 296.9  | 264.5  | 245.9  | 222.7  | 199.5  | 199.5  |
| 60°   | 459.3    | 468.6    | 459.3    | 417.6   | 371.2   | 324.8  | 296.9  | 278.4  | 255.2  | 241.3  | 241.3  |
| 57.5° | 519.7    | 524.3    | 510.4    | 464.0   | 417.6   | 366.5  | 338.7  | 315.5  | 292.3  | 278.4  | 278.4  |
| 55°   | 598.5    | 593.9    | 575.3    | 528.9   | 482.5   | 431.5  | 403.7  | 371.2  | 338.7  | 324.8  | 324.8  |
| 52.5° | 672.8    | 677.4    | 658.8    | 617.1   | 566.0   | 515.0  | 482.5  | 440.8  | 403.7  | 389.7  | 380.5  |
| 50°   | 779.5    | 784.1    | 770.2    | 728.4   | 686.7   | 635.6  | 584.6  | 528.9  | 487.2  | 468.6  | 450.1  |
| 47.5° | 872.3    | 872.3    | 858.4    | 830.5   | 798.0   | 751.6  | 696.0  | 644.9  | 598.5  | 566.0  | 533.6  |
| 45°   | 914.0    | 914.0    | 904.8    | 890.8   | 872.3   | 830.5  | 774.8  | 719.2  | 686.7  | 668.1  | 640.3  |
| 42.5° | 988.3    | 988.3    | 965.1    | 937.2   | 914.0   | 872.3  | 821.2  | 760.9  | 751.6  | 733.1  | 714.5  |
| 40°   | 1108.9   | 1067.1   | 1030.0   | 997.5   | 960.4   | 914.0  | 867.6  | 825.9  | 807.3  | 784.1  | 765.6  |
| 37.5° | 1220.3   | 1164.6   | 1108.9   | 1057.9  | 1016.1  | 979.0  | 918.7  | 886.2  | 863.0  | 835.2  | 816.6  |
| 35°   | 839.8    | 821.2    | 844.4    | 872.3   | 914.0   | 979.0  | 1020.7 | 974.3  | 923.3  | 890.8  | 867.6  |
| 32.5° | 802.7    | 802.7    | 807.3    | 807.3   | 798.0   | 793.4  | 835.2  | 932.6  | 1030.0 | 979.0  | 932.6  |
| 30°   | 890.8    | 909.4    | 914.0    | 904.8   | 872.3   | 830.5  | 807.3  | 802.7  | 849.1  | 983.6  | 1020.7 |
| 27.5° | 1150.7   | 1164.6   | 1155.3   | 1122.8  | 1053.2  | 955.8  | 895.5  | 830.5  | 816.6  | 816.6  | 965.1  |
| 25°   | 1559.0   | 1554.3   | 1517.2   | 1443.0  | 1336.2  | 1206.3 | 1076.4 | 941.9  | 872.3  | 830.5  | 825.9  |
| 22.5° | 1790.9   | 1790.9   | 1763.1   | 1721.3  | 1651.8  | 1521.8 | 1340.9 | 1159.9 | 988.3  | 890.8  | 835.2  |
| 20°   | 2106.4   | 2115.7   | 2083.2   | 2004.4  | 1879.1  | 1763.1 | 1628.6 | 1415.1 | 1192.4 | 997.5  | 886.2  |
| 17.5° | 2700.3   | 2691.1   | 2616.8   | 2454.4  | 2236.4  | 2036.9 | 1828.1 | 1665.7 | 1429.0 | 1178.5 | 969.7  |
| 15°   | 3786.0   | 3758.2   | 3549.4   | 3173.6  | 2765.3  | 2412.7 | 2106.4 | 1837.3 | 1651.8 | 1368.7 | 1113.5 |
| 12.5° | 5920.3   | 5841.5   | 5275.4   | 4384.6  | 3600.4  | 2881.3 | 2426.6 | 2064.7 | 1790.9 | 1554.3 | 1252.7 |
| 10°   | 11107.6  | 11024.1  | 9284.1   | 6412.1  | 4927.4  | 3609.7 | 2783.9 | 2282.8 | 1925.5 | 1688.9 | 1387.3 |
| 7.5°  | 38166.6  | 33002.6  | 20428.8  | 12508.8 | 6514.2  | 4472.7 | 3243.2 | 2524.0 | 2074.0 | 1772.4 | 1503.3 |
| 5°    | 213674.6 | 176830.3 | 93894.7  | 25630.0 | 10328.1 | 5549.1 | 3684.0 | 2723.5 | 2176.0 | 1832.7 | 1572.9 |
| 2.5°  | 460954.9 | 380780.0 | 183149.7 | 46448.6 | 12726.8 | 6249.7 | 3939.2 | 2816.3 | 2227.1 | 1860.5 | 1614.6 |
| 0°    | 532374.7 | 418603.2 | 187056.3 | 50271.7 | 13334.7 | 6528.1 | 4050.5 | 2858.1 | 2250.3 | 1879.1 | 1628.6 |



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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    | 4.6    | 4.6   | 4.6   | 4.6   | 4.6   |
| 85°   | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6    | 4.6   | 4.6   | 4.6   | 4.6   |
| 82.5° | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 4.6    | 4.6   | 4.6   | 4.6   | 4.6   |
| 80°   | 18.6   | 18.6   | 18.6   | 18.6   | 18.6   | 13.9   | 13.9   | 13.9  | 9.3   | 9.3   | 9.3   |
| 77.5° | 37.1   | 37.1   | 32.5   | 32.5   | 27.8   | 27.8   | 27.8   | 23.2  | 18.6  | 18.6  | 13.9  |
| 75°   | 55.7   | 55.7   | 55.7   | 51.0   | 46.4   | 41.8   | 41.8   | 37.1  | 32.5  | 27.8  | 27.8  |
| 72.5° | 78.9   | 78.9   | 78.9   | 74.2   | 69.6   | 65.0   | 55.7   | 51.0  | 46.4  | 41.8  | 37.1  |
| 70°   | 102.1  | 102.1  | 102.1  | 97.4   | 97.4   | 92.8   | 83.5   | 74.2  | 65.0  | 55.7  | 51.0  |
| 67.5° | 129.9  | 129.9  | 129.9  | 120.6  | 116.0  | 111.4  | 106.7  | 97.4  | 88.2  | 74.2  | 65.0  |
| 65°   | 162.4  | 162.4  | 162.4  | 148.5  | 139.2  | 134.6  | 125.3  | 116.0 | 102.1 | 92.8  | 78.9  |
| 62.5° | 204.1  | 204.1  | 194.9  | 181.0  | 167.0  | 153.1  | 143.8  | 134.6 | 120.6 | 106.7 | 92.8  |
| 60°   | 241.3  | 241.3  | 236.6  | 218.1  | 199.5  | 176.3  | 167.0  | 153.1 | 139.2 | 125.3 | 106.7 |
| 57.5° | 278.4  | 278.4  | 269.1  | 250.5  | 232.0  | 213.4  | 194.9  | 181.0 | 162.4 | 143.8 | 125.3 |
| 55°   | 320.1  | 315.5  | 301.6  | 283.0  | 264.5  | 245.9  | 232.0  | 213.4 | 194.9 | 171.7 | 143.8 |
| 52.5° | 371.2  | 357.3  | 334.1  | 315.5  | 292.3  | 273.7  | 259.8  | 241.3 | 222.7 | 194.9 | 162.4 |
| 50°   | 431.5  | 408.3  | 375.8  | 348.0  | 324.8  | 306.2  | 287.7  | 269.1 | 250.5 | 218.1 | 185.6 |
| 47.5° | 505.7  | 468.6  | 431.5  | 394.4  | 361.9  | 338.7  | 315.5  | 296.9 | 269.1 | 236.6 | 204.1 |
| 45°   | 593.9  | 538.2  | 496.5  | 450.1  | 412.9  | 375.8  | 348.0  | 324.8 | 287.7 | 250.5 | 218.1 |
| 42.5° | 682.0  | 635.6  | 575.3  | 515.0  | 468.6  | 422.2  | 385.1  | 348.0 | 310.9 | 269.1 | 232.0 |
| 40°   | 742.4  | 705.2  | 663.5  | 598.5  | 533.6  | 477.9  | 426.9  | 375.8 | 329.4 | 287.7 | 245.9 |
| 37.5° | 788.8  | 760.9  | 723.8  | 677.4  | 612.4  | 542.9  | 473.3  | 408.3 | 352.6 | 306.2 | 264.5 |
| 35°   | 839.8  | 807.3  | 770.2  | 733.1  | 682.0  | 607.8  | 519.7  | 445.4 | 380.5 | 324.8 | 287.7 |
| 32.5° | 895.5  | 849.1  | 812.0  | 770.2  | 733.1  | 672.8  | 580.0  | 487.2 | 408.3 | 352.6 | 315.5 |
| 30°   | 960.4  | 900.1  | 849.1  | 807.3  | 765.6  | 709.9  | 640.3  | 533.6 | 450.1 | 389.7 | 343.3 |
| 27.5° | 1030.0 | 941.9  | 886.2  | 839.8  | 798.0  | 747.0  | 682.0  | 589.2 | 501.1 | 426.9 | 371.2 |
| 25°   | 965.1  | 1011.5 | 923.3  | 872.3  | 825.9  | 774.8  | 719.2  | 658.8 | 556.8 | 473.3 | 408.3 |
| 22.5° | 830.5  | 992.9  | 988.3  | 914.0  | 858.4  | 812.0  | 779.5  | 714.5 | 621.7 | 519.7 | 440.8 |
| 20°   | 839.8  | 886.2  | 1057.9 | 955.8  | 900.1  | 867.6  | 835.2  | 774.8 | 682.0 | 561.4 | 473.3 |
| 17.5° | 867.6  | 849.1  | 974.3  | 1020.7 | 955.8  | 914.0  | 890.8  | 835.2 | 737.7 | 617.1 | 524.3 |
| 15°   | 941.9  | 863.0  | 900.1  | 1076.4 | 1006.8 | 960.4  | 946.5  | 876.9 | 788.8 | 677.4 | 575.3 |
| 12.5° | 1006.8 | 886.2  | 867.6  | 1039.3 | 1053.2 | 1002.2 | 969.7  | 909.4 | 830.5 | 728.4 | 621.7 |
| 10°   | 1113.5 | 941.9  | 881.6  | 997.5  | 1099.6 | 1039.3 | 988.3  | 937.2 | 863.0 | 774.8 | 668.1 |
| 7.5°  | 1197.1 | 974.3  | 886.2  | 965.1  | 1146.0 | 1067.1 | 1006.8 | 951.1 | 890.8 | 812.0 | 705.2 |
| 5°    | 1234.2 | 988.3  | 881.6  | 937.2  | 1197.1 | 1099.6 | 1030.0 | 965.1 | 909.4 | 835.2 | 723.8 |
| 2.5°  | 1252.7 | 992.9  | 876.9  | 914.0  | 1248.1 | 1141.4 | 1039.3 | 965.1 | 909.4 | 839.8 | 723.8 |
| 0°    | 1262.0 | 983.6  | 876.9  | 928.0  | 1285.2 | 1183.1 | 1043.9 | 965.1 | 904.8 | 835.2 | 714.5 |





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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° | 4.6   | 4.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 85°   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 0.0   | 0.0  |
| 82.5° | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6  |
| 80°   | 9.3   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6  |
| 77.5° | 13.9  | 13.9  | 9.3   | 9.3   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6  |
| 75°   | 23.2  | 18.6  | 18.6  | 13.9  | 13.9  | 9.3   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6  |
| 72.5° | 32.5  | 27.8  | 23.2  | 18.6  | 18.6  | 13.9  | 9.3   | 4.6   | 4.6   | 4.6   | 4.6  |
| 70°   | 41.8  | 37.1  | 27.8  | 23.2  | 23.2  | 18.6  | 13.9  | 9.3   | 4.6   | 4.6   | 4.6  |
| 67.5° | 55.7  | 46.4  | 37.1  | 27.8  | 27.8  | 23.2  | 18.6  | 13.9  | 9.3   | 4.6   | 4.6  |
| 65°   | 69.6  | 55.7  | 46.4  | 37.1  | 32.5  | 27.8  | 23.2  | 18.6  | 13.9  | 4.6   | 4.6  |
| 62.5° | 78.9  | 69.6  | 55.7  | 46.4  | 41.8  | 32.5  | 27.8  | 23.2  | 13.9  | 9.3   | 4.6  |
| 60°   | 92.8  | 78.9  | 65.0  | 55.7  | 51.0  | 41.8  | 32.5  | 27.8  | 18.6  | 13.9  | 4.6  |
| 57.5° | 106.7 | 88.2  | 74.2  | 65.0  | 60.3  | 51.0  | 41.8  | 32.5  | 23.2  | 13.9  | 9.3  |
| 55°   | 120.6 | 102.1 | 83.5  | 78.9  | 69.6  | 60.3  | 51.0  | 37.1  | 27.8  | 18.6  | 9.3  |
| 52.5° | 134.6 | 111.4 | 97.4  | 92.8  | 83.5  | 69.6  | 55.7  | 46.4  | 32.5  | 23.2  | 13.9 |
| 50°   | 153.1 | 125.3 | 111.4 | 106.7 | 92.8  | 78.9  | 65.0  | 55.7  | 41.8  | 27.8  | 13.9 |
| 47.5° | 171.7 | 139.2 | 129.9 | 120.6 | 106.7 | 92.8  | 74.2  | 65.0  | 46.4  | 32.5  | 18.6 |
| 45°   | 185.6 | 162.4 | 148.5 | 139.2 | 120.6 | 106.7 | 88.2  | 74.2  | 51.0  | 37.1  | 18.6 |
| 42.5° | 194.9 | 181.0 | 171.7 | 157.8 | 139.2 | 116.0 | 97.4  | 83.5  | 60.3  | 41.8  | 23.2 |
| 40°   | 218.1 | 204.1 | 190.2 | 176.3 | 157.8 | 129.9 | 111.4 | 92.8  | 69.6  | 46.4  | 23.2 |
| 37.5° | 241.3 | 222.7 | 208.8 | 194.9 | 176.3 | 148.5 | 129.9 | 102.1 | 78.9  | 51.0  | 27.8 |
| 35°   | 264.5 | 245.9 | 227.3 | 213.4 | 194.9 | 171.7 | 143.8 | 116.0 | 88.2  | 55.7  | 32.5 |
| 32.5° | 287.7 | 264.5 | 245.9 | 227.3 | 218.1 | 190.2 | 157.8 | 125.3 | 97.4  | 60.3  | 32.5 |
| 30°   | 310.9 | 283.0 | 264.5 | 250.5 | 241.3 | 213.4 | 176.3 | 139.2 | 106.7 | 69.6  | 37.1 |
| 27.5° | 334.1 | 301.6 | 278.4 | 278.4 | 269.1 | 236.6 | 190.2 | 153.1 | 116.0 | 74.2  | 41.8 |
| 25°   | 357.3 | 320.1 | 310.9 | 306.2 | 301.6 | 259.8 | 208.8 | 167.0 | 120.6 | 83.5  | 41.8 |
| 22.5° | 380.5 | 352.6 | 338.7 | 334.1 | 324.8 | 283.0 | 227.3 | 176.3 | 129.9 | 88.2  | 46.4 |
| 20°   | 417.6 | 389.7 | 371.2 | 357.3 | 352.6 | 310.9 | 245.9 | 190.2 | 139.2 | 88.2  | 46.4 |
| 17.5° | 464.0 | 422.2 | 399.0 | 385.1 | 375.8 | 334.1 | 264.5 | 204.1 | 143.8 | 88.2  | 46.4 |
| 15°   | 505.7 | 459.3 | 426.9 | 408.3 | 399.0 | 361.9 | 278.4 | 208.8 | 148.5 | 88.2  | 46.4 |
| 12.5° | 547.5 | 491.8 | 454.7 | 436.1 | 422.2 | 389.7 | 292.3 | 213.4 | 148.5 | 88.2  | 46.4 |
| 10°   | 584.6 | 524.3 | 487.2 | 459.3 | 440.8 | 399.0 | 296.9 | 218.1 | 148.5 | 88.2  | 46.4 |
| 7.5°  | 617.1 | 552.1 | 501.1 | 459.3 | 440.8 | 408.3 | 296.9 | 222.7 | 148.5 | 88.2  | 51.0 |
| 5°    | 621.7 | 552.1 | 496.5 | 459.3 | 445.4 | 412.9 | 301.6 | 222.7 | 148.5 | 83.5  | 46.4 |
| 2.5°  | 626.4 | 552.1 | 496.5 | 459.3 | 445.4 | 412.9 | 301.6 | 222.7 | 148.5 | 83.5  | 46.4 |
| 0°    | 621.7 | 547.5 | 491.8 | 459.3 | 445.4 | 412.9 | 301.6 | 222.7 | 143.8 | 78.9  | 46.4 |



REPORT NUMBER: P722805  
 CATALOG NUMBER: IFLD-S-SA6D-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°   | 4.6   | 0.0 | 0.0   | 0.0 |
| 77.5° | 4.6   | 0.0 | 0.0   | 0.0 |
| 75°   | 4.6   | 4.6 | 0.0   | 0.0 |
| 72.5° | 4.6   | 4.6 | 0.0   | 0.0 |
| 70°   | 4.6   | 4.6 | 0.0   | 0.0 |
| 67.5° | 4.6   | 4.6 | 0.0   | 0.0 |
| 65°   | 4.6   | 4.6 | 0.0   | 0.0 |
| 62.5° | 4.6   | 4.6 | 0.0   | 0.0 |
| 60°   | 4.6   | 4.6 | 0.0   | 0.0 |
| 57.5° | 4.6   | 4.6 | 4.6   | 0.0 |
| 55°   | 4.6   | 4.6 | 4.6   | 0.0 |
| 52.5° | 4.6   | 4.6 | 4.6   | 0.0 |
| 50°   | 4.6   | 4.6 | 4.6   | 0.0 |
| 47.5° | 4.6   | 4.6 | 4.6   | 0.0 |
| 45°   | 4.6   | 4.6 | 4.6   | 0.0 |
| 42.5° | 9.3   | 4.6 | 4.6   | 0.0 |
| 40°   | 9.3   | 4.6 | 4.6   | 0.0 |
| 37.5° | 13.9  | 4.6 | 4.6   | 0.0 |
| 35°   | 13.9  | 4.6 | 4.6   | 0.0 |
| 32.5° | 13.9  | 4.6 | 4.6   | 0.0 |
| 30°   | 13.9  | 4.6 | 4.6   | 0.0 |
| 27.5° | 18.6  | 4.6 | 4.6   | 0.0 |
| 25°   | 18.6  | 4.6 | 4.6   | 0.0 |
| 22.5° | 18.6  | 4.6 | 4.6   | 0.0 |
| 20°   | 18.6  | 4.6 | 4.6   | 0.0 |
| 17.5° | 18.6  | 4.6 | 4.6   | 0.0 |
| 15°   | 23.2  | 4.6 | 4.6   | 0.0 |
| 12.5° | 23.2  | 4.6 | 4.6   | 0.0 |
| 10°   | 23.2  | 4.6 | 4.6   | 0.0 |
| 7.5°  | 23.2  | 4.6 | 4.6   | 0.0 |
| 5°    | 23.2  | 4.6 | 4.6   | 0.0 |
| 2.5°  | 23.2  | 4.6 | 4.6   | 0.0 |
| 0°    | 23.2  | 4.6 | 4.6   | 0.0 |

(END OF REPORT)