

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: P722851

Luminaire Tested: **IFLD-S-SA2B-730-U-11**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722851  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2B-730-U-11  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens  
Light Source: (32) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

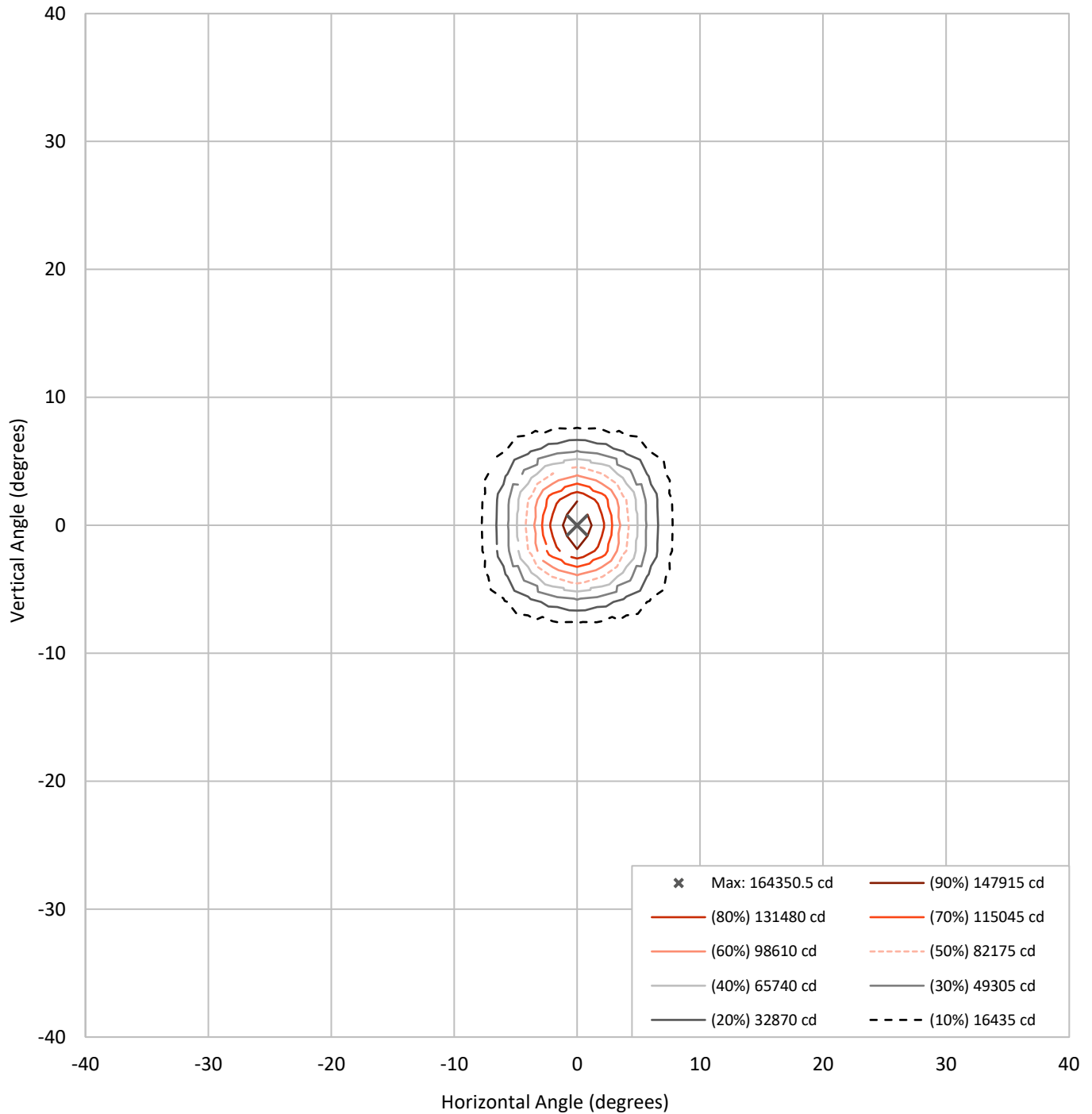
|                   |                                      |                      |                  |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 1H x 1V          |
| Luminaire Lumens: | 5483.5 lumens                        | Max Intensity:       | 164350.5 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 66.5 lumens/watt                     |                      |                  |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' 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:      | 1847.4 lumens                        | Field Lumens:        | 2918.1 lumens    |
| Beam Efficiency:  | 33.7%                                | Field Efficiency:    | 53.2%            |

Input Watts (W): 82.4  
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





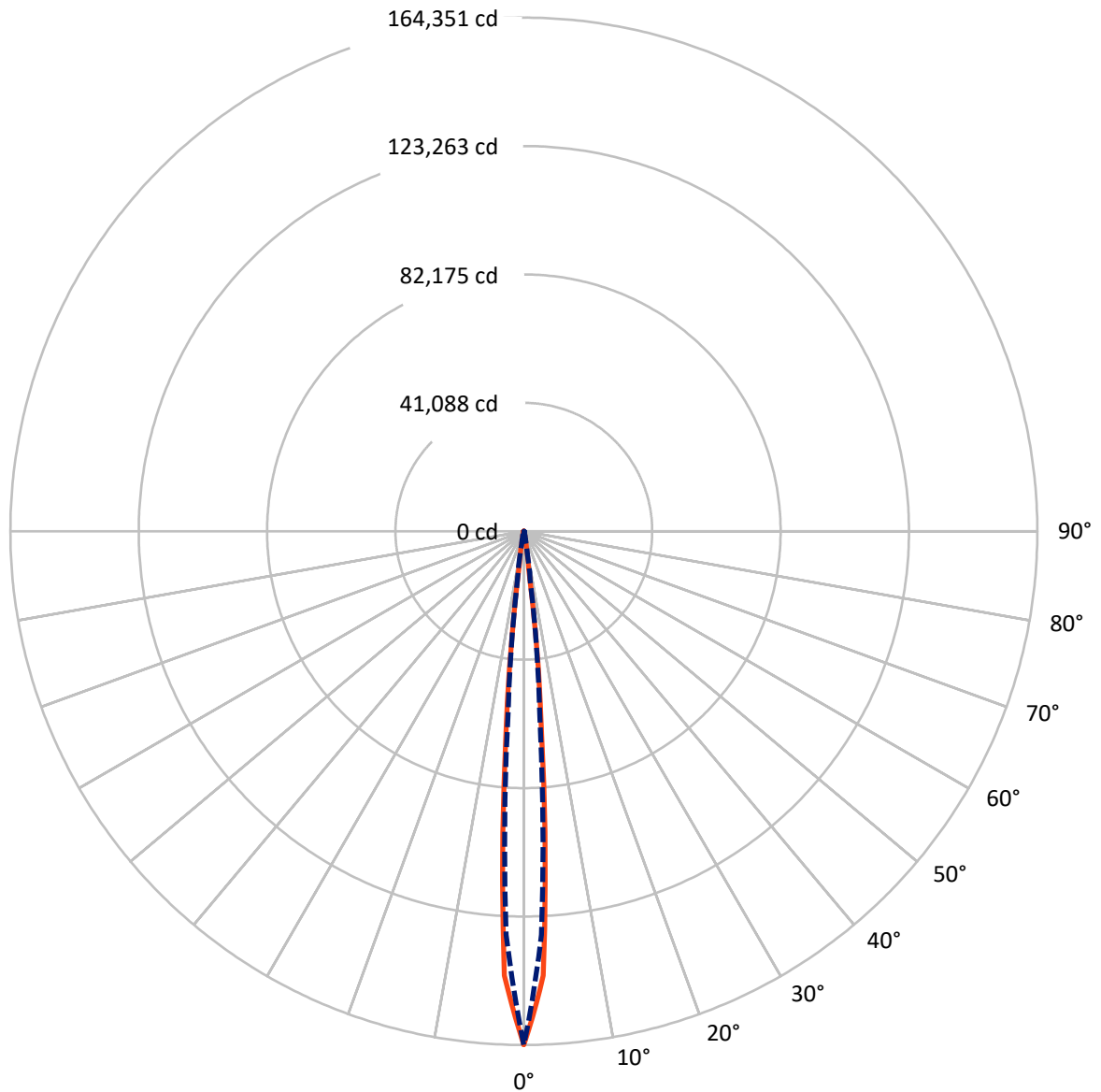
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### Lumen Table

|     |                            |     |     |     |     |     |      |      |        |        |      |      |     |     |     |     |     |    |    |
|-----|----------------------------|-----|-----|-----|-----|-----|------|------|--------|--------|------|------|-----|-----|-----|-----|-----|----|----|
| 90  | 0.0                        |     | 0.2 |     | 0.7 |     | 1.7  |      | 3.0    |        | 1.7  |      | 0.7 |     | 0.2 |     | 0.0 |    |    |
| 80  | 0.1                        |     | 0.1 | 0.4 | 0.8 | 1.2 | 1.5  | 2.4  | 4.4    | 4.4    | 2.4  | 1.5  | 1.2 | 0.8 | 0.4 | 0.1 | 0.1 |    |    |
| 70  | 0.1                        |     | 0.3 | 0.7 | 1.4 | 2.2 | 2.8  | 3.8  | 5.4    | 5.4    | 3.8  | 2.8  | 2.2 | 1.4 | 0.7 | 0.3 | 0.1 |    |    |
| 60  | 0.4                        |     | 0.5 | 1.0 | 2.1 | 3.6 | 5.3  | 6.9  | 8.4    | 8.4    | 6.9  | 5.3  | 3.6 | 2.1 | 1.0 | 0.5 | 0.4 |    |    |
| 50  | 0.4                        |     | 0.8 | 1.5 | 3.1 | 5.5 | 7.4  | 8.2  | 8.7    | 8.7    | 8.2  | 7.4  | 5.5 | 3.1 | 1.5 | 0.8 | 0.4 |    |    |
| 40  | 0.7                        |     | 1.1 | 2.0 | 4.3 | 6.8 | 7.8  | 10.3 | 13.7   | 13.7   | 10.3 | 7.8  | 6.8 | 4.3 | 2.0 | 1.1 | 0.7 |    |    |
| 30  | 0.7                        |     | 1.5 | 2.8 | 5.7 | 7.5 | 10.0 | 20.0 | 38.5   | 38.5   | 20.0 | 10.0 | 7.5 | 5.7 | 2.8 | 1.5 | 0.7 |    |    |
| 20  | 0.9                        |     | 1.7 | 3.4 | 6.4 | 7.8 | 13.1 | 39.8 | 1070.6 | 1070.6 | 39.8 | 13.1 | 7.8 | 6.4 | 3.4 | 1.7 | 0.9 |    |    |
| 10  | 0.9                        |     | 1.7 | 3.4 | 6.4 | 7.8 | 13.1 | 39.8 | 1070.6 | 1070.6 | 39.8 | 13.1 | 7.8 | 6.4 | 3.4 | 1.7 | 0.9 |    |    |
| 0   | 0.9                        |     | 1.7 | 3.4 | 6.4 | 7.8 | 13.1 | 39.8 | 1070.6 | 1070.6 | 39.8 | 13.1 | 7.8 | 6.4 | 3.4 | 1.7 | 0.9 |    |    |
| -10 | 0.7                        |     | 1.5 | 2.8 | 5.7 | 7.5 | 10.0 | 20.0 | 38.5   | 38.5   | 20.0 | 10.0 | 7.5 | 5.7 | 2.8 | 1.5 | 0.7 |    |    |
| -20 | 0.7                        |     | 1.1 | 2.0 | 4.3 | 6.8 | 7.8  | 10.3 | 13.7   | 13.7   | 10.3 | 7.8  | 6.8 | 4.3 | 2.0 | 1.1 | 0.7 |    |    |
| -30 | 0.4                        |     | 0.8 | 1.5 | 3.1 | 5.5 | 7.4  | 8.2  | 8.7    | 8.7    | 8.2  | 7.4  | 5.5 | 3.1 | 1.5 | 0.8 | 0.4 |    |    |
| -40 | 0.4                        |     | 0.5 | 1.0 | 2.1 | 3.6 | 5.3  | 6.9  | 8.4    | 8.4    | 6.9  | 5.3  | 3.6 | 2.1 | 1.0 | 0.5 | 0.4 |    |    |
| -50 | 0.1                        |     | 0.3 | 0.7 | 1.4 | 2.2 | 2.8  | 3.8  | 5.4    | 5.4    | 3.8  | 2.8  | 2.2 | 1.4 | 0.7 | 0.3 | 0.1 |    |    |
| -60 | 0.1                        |     | 0.1 | 0.4 | 0.8 | 1.2 | 1.5  | 2.4  | 4.4    | 4.4    | 2.4  | 1.5  | 1.2 | 0.8 | 0.4 | 0.1 | 0.1 |    |    |
| -70 | 0.1                        |     | 0.1 | 0.4 | 0.8 | 1.2 | 1.5  | 2.4  | 4.4    | 4.4    | 2.4  | 1.5  | 1.2 | 0.8 | 0.4 | 0.1 | 0.1 |    |    |
| -80 | 0.0                        |     | 0.2 |     | 0.7 |     | 1.7  |      | 3.0    |        | 1.7  |      | 0.7 |     | 0.2 |     | 0.0 |    |    |
| -90 | 0.0                        |     | 0.2 |     | 0.7 |     | 1.7  |      | 3.0    |        | 1.7  |      | 0.7 |     | 0.2 |     | 0.0 |    |    |
|     | -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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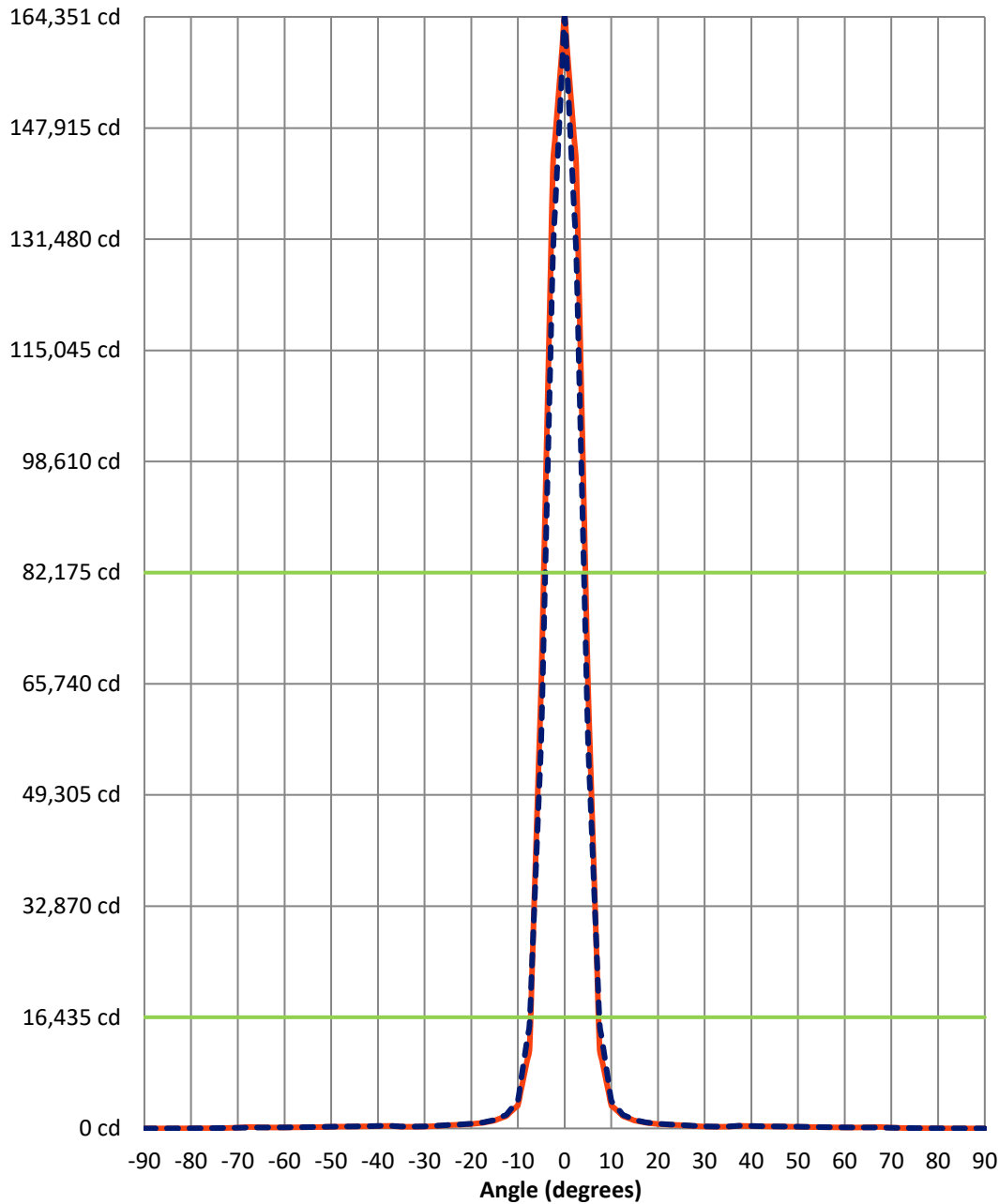
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 8.3°  
V Angle: 8.9°  
Lumens: 1847.4  
Efficiency: 33.7%

**Field:**  
H Angle: 14.9°  
V Angle: 14.6°  
Lumens: 2918.1  
Efficiency: 53.2%

**Spill:**  
Lumens: 2565.4  
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°   | 1.4      | 1.4      | 1.4     | 1.4     | 1.4    | 1.4    | 1.4    | 1.4   | 1.4   | 1.4   | 1.4   |
| 82.5° | 4.3      | 4.3      | 4.3     | 4.3     | 4.3    | 4.3    | 4.3    | 2.9   | 2.9   | 2.9   | 2.9   |
| 80°   | 11.5     | 11.5     | 11.5    | 11.5    | 11.5   | 11.5   | 10.0   | 10.0  | 8.6   | 7.2   | 7.2   |
| 77.5° | 21.5     | 22.9     | 24.3    | 22.9    | 21.5   | 21.5   | 20.1   | 17.2  | 15.8  | 12.9  | 11.5  |
| 75°   | 35.8     | 38.7     | 40.1    | 38.7    | 37.2   | 35.8   | 32.9   | 28.6  | 24.3  | 20.1  | 17.2  |
| 72.5° | 64.5     | 65.9     | 65.9    | 63.0    | 58.7   | 55.9   | 51.6   | 43.0  | 35.8  | 28.6  | 24.3  |
| 70°   | 111.7    | 116.0    | 117.5   | 103.1   | 90.2   | 78.8   | 67.3   | 57.3  | 45.8  | 35.8  | 31.5  |
| 67.5° | 214.9    | 209.1    | 199.1   | 160.4   | 124.6  | 93.1   | 71.6   | 63.0  | 53.0  | 43.0  | 40.1  |
| 65°   | 161.9    | 157.6    | 151.8   | 131.8   | 111.7  | 90.2   | 75.9   | 67.3  | 60.2  | 51.6  | 50.1  |
| 62.5° | 136.1    | 136.1    | 133.2   | 120.3   | 107.4  | 91.7   | 81.6   | 75.9  | 68.8  | 61.6  | 61.6  |
| 60°   | 141.8    | 144.7    | 141.8   | 128.9   | 114.6  | 100.3  | 91.7   | 85.9  | 78.8  | 74.5  | 74.5  |
| 57.5° | 160.4    | 161.9    | 157.6   | 143.2   | 128.9  | 113.2  | 104.6  | 97.4  | 90.2  | 85.9  | 85.9  |
| 55°   | 184.8    | 183.3    | 177.6   | 163.3   | 149.0  | 133.2  | 124.6  | 114.6 | 104.6 | 100.3 | 100.3 |
| 52.5° | 207.7    | 209.1    | 203.4   | 190.5   | 174.7  | 159.0  | 149.0  | 136.1 | 124.6 | 120.3 | 117.5 |
| 50°   | 240.6    | 242.1    | 237.8   | 224.9   | 212.0  | 196.2  | 180.5  | 163.3 | 150.4 | 144.7 | 138.9 |
| 47.5° | 269.3    | 269.3    | 265.0   | 256.4   | 246.4  | 232.0  | 214.9  | 199.1 | 184.8 | 174.7 | 164.7 |
| 45°   | 282.2    | 282.2    | 279.3   | 275.0   | 269.3  | 256.4  | 239.2  | 222.0 | 212.0 | 206.3 | 197.7 |
| 42.5° | 305.1    | 305.1    | 297.9   | 289.3   | 282.2  | 269.3  | 253.5  | 234.9 | 232.0 | 226.3 | 220.6 |
| 40°   | 342.3    | 329.4    | 318.0   | 308.0   | 296.5  | 282.2  | 267.8  | 255.0 | 249.2 | 242.1 | 236.3 |
| 37.5° | 376.7    | 359.5    | 342.3   | 326.6   | 313.7  | 302.2  | 283.6  | 273.6 | 266.4 | 257.8 | 252.1 |
| 35°   | 259.3    | 253.5    | 260.7   | 269.3   | 282.2  | 302.2  | 315.1  | 300.8 | 285.0 | 275.0 | 267.8 |
| 32.5° | 247.8    | 247.8    | 249.2   | 249.2   | 246.4  | 244.9  | 257.8  | 287.9 | 318.0 | 302.2 | 287.9 |
| 30°   | 275.0    | 280.7    | 282.2   | 279.3   | 269.3  | 256.4  | 249.2  | 247.8 | 262.1 | 303.7 | 315.1 |
| 27.5° | 355.2    | 359.5    | 356.7   | 346.6   | 325.1  | 295.1  | 276.4  | 256.4 | 252.1 | 252.1 | 297.9 |
| 25°   | 481.3    | 479.8    | 468.4   | 445.5   | 412.5  | 372.4  | 332.3  | 290.8 | 269.3 | 256.4 | 255.0 |
| 22.5° | 552.9    | 552.9    | 544.3   | 531.4   | 509.9  | 469.8  | 413.9  | 358.1 | 305.1 | 275.0 | 257.8 |
| 20°   | 650.3    | 653.2    | 643.1   | 618.8   | 580.1  | 544.3  | 502.8  | 436.9 | 368.1 | 308.0 | 273.6 |
| 17.5° | 833.6    | 830.8    | 807.8   | 757.7   | 690.4  | 628.8  | 564.3  | 514.2 | 441.2 | 363.8 | 299.4 |
| 15°   | 1168.8   | 1160.2   | 1095.7  | 979.7   | 853.7  | 744.8  | 650.3  | 567.2 | 509.9 | 422.5 | 343.8 |
| 12.5° | 1827.7   | 1803.3   | 1628.6  | 1353.6  | 1111.5 | 889.5  | 749.1  | 637.4 | 552.9 | 479.8 | 386.7 |
| 10°   | 3429.0   | 3403.3   | 2866.1  | 1979.5  | 1521.2 | 1114.4 | 859.4  | 704.7 | 594.4 | 521.4 | 428.3 |
| 7.5°  | 11782.5  | 10188.3  | 6306.6  | 3861.6  | 2011.0 | 1380.8 | 1001.2 | 779.2 | 640.3 | 547.2 | 464.1 |
| 5°    | 65963.9  | 54589.6  | 28986.4 | 7912.3  | 3188.4 | 1713.1 | 1137.3 | 840.8 | 671.8 | 565.8 | 485.6 |
| 2.5°  | 142302.3 | 117551.4 | 56540.5 | 14339.2 | 3928.9 | 1929.4 | 1216.1 | 869.4 | 687.5 | 574.4 | 498.5 |
| 0°    | 164350.5 | 129227.9 | 57746.5 | 15519.5 | 4116.6 | 2015.3 | 1250.4 | 882.3 | 694.7 | 580.1 | 502.8 |



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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   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   |
| 85°   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   |
| 82.5° | 2.9   | 2.9   | 2.9   | 2.9   | 2.9   | 2.9   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   |
| 80°   | 5.7   | 5.7   | 5.7   | 5.7   | 5.7   | 4.3   | 4.3   | 4.3   | 2.9   | 2.9   | 2.9   |
| 77.5° | 11.5  | 11.5  | 10.0  | 10.0  | 8.6   | 8.6   | 8.6   | 7.2   | 5.7   | 5.7   | 4.3   |
| 75°   | 17.2  | 17.2  | 17.2  | 15.8  | 14.3  | 12.9  | 12.9  | 11.5  | 10.0  | 8.6   | 8.6   |
| 72.5° | 24.3  | 24.3  | 24.3  | 22.9  | 21.5  | 20.1  | 17.2  | 15.8  | 14.3  | 12.9  | 11.5  |
| 70°   | 31.5  | 31.5  | 31.5  | 30.1  | 30.1  | 28.6  | 25.8  | 22.9  | 20.1  | 17.2  | 15.8  |
| 67.5° | 40.1  | 40.1  | 40.1  | 37.2  | 35.8  | 34.4  | 32.9  | 30.1  | 27.2  | 22.9  | 20.1  |
| 65°   | 50.1  | 50.1  | 50.1  | 45.8  | 43.0  | 41.5  | 38.7  | 35.8  | 31.5  | 28.6  | 24.3  |
| 62.5° | 63.0  | 63.0  | 60.2  | 55.9  | 51.6  | 47.3  | 44.4  | 41.5  | 37.2  | 32.9  | 28.6  |
| 60°   | 74.5  | 74.5  | 73.0  | 67.3  | 61.6  | 54.4  | 51.6  | 47.3  | 43.0  | 38.7  | 32.9  |
| 57.5° | 85.9  | 85.9  | 83.1  | 77.3  | 71.6  | 65.9  | 60.2  | 55.9  | 50.1  | 44.4  | 38.7  |
| 55°   | 98.8  | 97.4  | 93.1  | 87.4  | 81.6  | 75.9  | 71.6  | 65.9  | 60.2  | 53.0  | 44.4  |
| 52.5° | 114.6 | 110.3 | 103.1 | 97.4  | 90.2  | 84.5  | 80.2  | 74.5  | 68.8  | 60.2  | 50.1  |
| 50°   | 133.2 | 126.0 | 116.0 | 107.4 | 100.3 | 94.5  | 88.8  | 83.1  | 77.3  | 67.3  | 57.3  |
| 47.5° | 156.1 | 144.7 | 133.2 | 121.7 | 111.7 | 104.6 | 97.4  | 91.7  | 83.1  | 73.0  | 63.0  |
| 45°   | 183.3 | 166.2 | 153.3 | 138.9 | 127.5 | 116.0 | 107.4 | 100.3 | 88.8  | 77.3  | 67.3  |
| 42.5° | 210.6 | 196.2 | 177.6 | 159.0 | 144.7 | 130.3 | 118.9 | 107.4 | 96.0  | 83.1  | 71.6  |
| 40°   | 229.2 | 217.7 | 204.8 | 184.8 | 164.7 | 147.5 | 131.8 | 116.0 | 101.7 | 88.8  | 75.9  |
| 37.5° | 243.5 | 234.9 | 223.4 | 209.1 | 189.1 | 167.6 | 146.1 | 126.0 | 108.9 | 94.5  | 81.6  |
| 35°   | 259.3 | 249.2 | 237.8 | 226.3 | 210.6 | 187.6 | 160.4 | 137.5 | 117.5 | 100.3 | 88.8  |
| 32.5° | 276.4 | 262.1 | 250.7 | 237.8 | 226.3 | 207.7 | 179.0 | 150.4 | 126.0 | 108.9 | 97.4  |
| 30°   | 296.5 | 277.9 | 262.1 | 249.2 | 236.3 | 219.1 | 197.7 | 164.7 | 138.9 | 120.3 | 106.0 |
| 27.5° | 318.0 | 290.8 | 273.6 | 259.3 | 246.4 | 230.6 | 210.6 | 181.9 | 154.7 | 131.8 | 114.6 |
| 25°   | 297.9 | 312.3 | 285.0 | 269.3 | 255.0 | 239.2 | 222.0 | 203.4 | 171.9 | 146.1 | 126.0 |
| 22.5° | 256.4 | 306.5 | 305.1 | 282.2 | 265.0 | 250.7 | 240.6 | 220.6 | 191.9 | 160.4 | 136.1 |
| 20°   | 259.3 | 273.6 | 326.6 | 295.1 | 277.9 | 267.8 | 257.8 | 239.2 | 210.6 | 173.3 | 146.1 |
| 17.5° | 267.8 | 262.1 | 300.8 | 315.1 | 295.1 | 282.2 | 275.0 | 257.8 | 227.7 | 190.5 | 161.9 |
| 15°   | 290.8 | 266.4 | 277.9 | 332.3 | 310.8 | 296.5 | 292.2 | 270.7 | 243.5 | 209.1 | 177.6 |
| 12.5° | 310.8 | 273.6 | 267.8 | 320.8 | 325.1 | 309.4 | 299.4 | 280.7 | 256.4 | 224.9 | 191.9 |
| 10°   | 343.8 | 290.8 | 272.1 | 308.0 | 339.5 | 320.8 | 305.1 | 289.3 | 266.4 | 239.2 | 206.3 |
| 7.5°  | 369.5 | 300.8 | 273.6 | 297.9 | 353.8 | 329.4 | 310.8 | 293.6 | 275.0 | 250.7 | 217.7 |
| 5°    | 381.0 | 305.1 | 272.1 | 289.3 | 369.5 | 339.5 | 318.0 | 297.9 | 280.7 | 257.8 | 223.4 |
| 2.5°  | 386.7 | 306.5 | 270.7 | 282.2 | 385.3 | 352.4 | 320.8 | 297.9 | 280.7 | 259.3 | 223.4 |
| 0°    | 389.6 | 303.7 | 270.7 | 286.5 | 396.8 | 365.2 | 322.3 | 297.9 | 279.3 | 257.8 | 220.6 |





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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° | 1.4   | 1.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 85°   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4  | 1.4   | 1.4  | 0.0   | 0.0  |
| 82.5° | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4  | 1.4   | 1.4  | 1.4   | 1.4  |
| 80°   | 2.9   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4   | 1.4  | 1.4   | 1.4  | 1.4   | 1.4  |
| 77.5° | 4.3   | 4.3   | 2.9   | 2.9   | 1.4   | 1.4   | 1.4  | 1.4   | 1.4  | 1.4   | 1.4  |
| 75°   | 7.2   | 5.7   | 5.7   | 4.3   | 4.3   | 2.9   | 1.4  | 1.4   | 1.4  | 1.4   | 1.4  |
| 72.5° | 10.0  | 8.6   | 7.2   | 5.7   | 5.7   | 4.3   | 2.9  | 1.4   | 1.4  | 1.4   | 1.4  |
| 70°   | 12.9  | 11.5  | 8.6   | 7.2   | 7.2   | 5.7   | 4.3  | 2.9   | 1.4  | 1.4   | 1.4  |
| 67.5° | 17.2  | 14.3  | 11.5  | 8.6   | 8.6   | 7.2   | 5.7  | 4.3   | 2.9  | 1.4   | 1.4  |
| 65°   | 21.5  | 17.2  | 14.3  | 11.5  | 10.0  | 8.6   | 7.2  | 5.7   | 4.3  | 1.4   | 1.4  |
| 62.5° | 24.3  | 21.5  | 17.2  | 14.3  | 12.9  | 10.0  | 8.6  | 7.2   | 4.3  | 2.9   | 1.4  |
| 60°   | 28.6  | 24.3  | 20.1  | 17.2  | 15.8  | 12.9  | 10.0 | 8.6   | 5.7  | 4.3   | 1.4  |
| 57.5° | 32.9  | 27.2  | 22.9  | 20.1  | 18.6  | 15.8  | 12.9 | 10.0  | 7.2  | 4.3   | 2.9  |
| 55°   | 37.2  | 31.5  | 25.8  | 24.3  | 21.5  | 18.6  | 15.8 | 11.5  | 8.6  | 5.7   | 2.9  |
| 52.5° | 41.5  | 34.4  | 30.1  | 28.6  | 25.8  | 21.5  | 17.2 | 14.3  | 10.0 | 7.2   | 4.3  |
| 50°   | 47.3  | 38.7  | 34.4  | 32.9  | 28.6  | 24.3  | 20.1 | 17.2  | 12.9 | 8.6   | 4.3  |
| 47.5° | 53.0  | 43.0  | 40.1  | 37.2  | 32.9  | 28.6  | 22.9 | 20.1  | 14.3 | 10.0  | 5.7  |
| 45°   | 57.3  | 50.1  | 45.8  | 43.0  | 37.2  | 32.9  | 27.2 | 22.9  | 15.8 | 11.5  | 5.7  |
| 42.5° | 60.2  | 55.9  | 53.0  | 48.7  | 43.0  | 35.8  | 30.1 | 25.8  | 18.6 | 12.9  | 7.2  |
| 40°   | 67.3  | 63.0  | 58.7  | 54.4  | 48.7  | 40.1  | 34.4 | 28.6  | 21.5 | 14.3  | 7.2  |
| 37.5° | 74.5  | 68.8  | 64.5  | 60.2  | 54.4  | 45.8  | 40.1 | 31.5  | 24.3 | 15.8  | 8.6  |
| 35°   | 81.6  | 75.9  | 70.2  | 65.9  | 60.2  | 53.0  | 44.4 | 35.8  | 27.2 | 17.2  | 10.0 |
| 32.5° | 88.8  | 81.6  | 75.9  | 70.2  | 67.3  | 58.7  | 48.7 | 38.7  | 30.1 | 18.6  | 10.0 |
| 30°   | 96.0  | 87.4  | 81.6  | 77.3  | 74.5  | 65.9  | 54.4 | 43.0  | 32.9 | 21.5  | 11.5 |
| 27.5° | 103.1 | 93.1  | 85.9  | 85.9  | 83.1  | 73.0  | 58.7 | 47.3  | 35.8 | 22.9  | 12.9 |
| 25°   | 110.3 | 98.8  | 96.0  | 94.5  | 93.1  | 80.2  | 64.5 | 51.6  | 37.2 | 25.8  | 12.9 |
| 22.5° | 117.5 | 108.9 | 104.6 | 103.1 | 100.3 | 87.4  | 70.2 | 54.4  | 40.1 | 27.2  | 14.3 |
| 20°   | 128.9 | 120.3 | 114.6 | 110.3 | 108.9 | 96.0  | 75.9 | 58.7  | 43.0 | 27.2  | 14.3 |
| 17.5° | 143.2 | 130.3 | 123.2 | 118.9 | 116.0 | 103.1 | 81.6 | 63.0  | 44.4 | 27.2  | 14.3 |
| 15°   | 156.1 | 141.8 | 131.8 | 126.0 | 123.2 | 111.7 | 85.9 | 64.5  | 45.8 | 27.2  | 14.3 |
| 12.5° | 169.0 | 151.8 | 140.4 | 134.6 | 130.3 | 120.3 | 90.2 | 65.9  | 45.8 | 27.2  | 14.3 |
| 10°   | 180.5 | 161.9 | 150.4 | 141.8 | 136.1 | 123.2 | 91.7 | 67.3  | 45.8 | 27.2  | 14.3 |
| 7.5°  | 190.5 | 170.4 | 154.7 | 141.8 | 136.1 | 126.0 | 91.7 | 68.8  | 45.8 | 27.2  | 15.8 |
| 5°    | 191.9 | 170.4 | 153.3 | 141.8 | 137.5 | 127.5 | 93.1 | 68.8  | 45.8 | 25.8  | 14.3 |
| 2.5°  | 193.4 | 170.4 | 153.3 | 141.8 | 137.5 | 127.5 | 93.1 | 68.8  | 45.8 | 25.8  | 14.3 |
| 0°    | 191.9 | 169.0 | 151.8 | 141.8 | 137.5 | 127.5 | 93.1 | 68.8  | 44.4 | 24.3  | 14.3 |



REPORT NUMBER: P722851  
 CATALOG NUMBER: IFLD-S-SA2B-730-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°   | 1.4   | 0.0 | 0.0   | 0.0 |
| 77.5° | 1.4   | 0.0 | 0.0   | 0.0 |
| 75°   | 1.4   | 1.4 | 0.0   | 0.0 |
| 72.5° | 1.4   | 1.4 | 0.0   | 0.0 |
| 70°   | 1.4   | 1.4 | 0.0   | 0.0 |
| 67.5° | 1.4   | 1.4 | 0.0   | 0.0 |
| 65°   | 1.4   | 1.4 | 0.0   | 0.0 |
| 62.5° | 1.4   | 1.4 | 0.0   | 0.0 |
| 60°   | 1.4   | 1.4 | 0.0   | 0.0 |
| 57.5° | 1.4   | 1.4 | 1.4   | 0.0 |
| 55°   | 1.4   | 1.4 | 1.4   | 0.0 |
| 52.5° | 1.4   | 1.4 | 1.4   | 0.0 |
| 50°   | 1.4   | 1.4 | 1.4   | 0.0 |
| 47.5° | 1.4   | 1.4 | 1.4   | 0.0 |
| 45°   | 1.4   | 1.4 | 1.4   | 0.0 |
| 42.5° | 2.9   | 1.4 | 1.4   | 0.0 |
| 40°   | 2.9   | 1.4 | 1.4   | 0.0 |
| 37.5° | 4.3   | 1.4 | 1.4   | 0.0 |
| 35°   | 4.3   | 1.4 | 1.4   | 0.0 |
| 32.5° | 4.3   | 1.4 | 1.4   | 0.0 |
| 30°   | 4.3   | 1.4 | 1.4   | 0.0 |
| 27.5° | 5.7   | 1.4 | 1.4   | 0.0 |
| 25°   | 5.7   | 1.4 | 1.4   | 0.0 |
| 22.5° | 5.7   | 1.4 | 1.4   | 0.0 |
| 20°   | 5.7   | 1.4 | 1.4   | 0.0 |
| 17.5° | 5.7   | 1.4 | 1.4   | 0.0 |
| 15°   | 7.2   | 1.4 | 1.4   | 0.0 |
| 12.5° | 7.2   | 1.4 | 1.4   | 0.0 |
| 10°   | 7.2   | 1.4 | 1.4   | 0.0 |
| 7.5°  | 7.2   | 1.4 | 1.4   | 0.0 |
| 5°    | 7.2   | 1.4 | 1.4   | 0.0 |
| 2.5°  | 7.2   | 1.4 | 1.4   | 0.0 |
| 0°    | 7.2   | 1.4 | 1.4   | 0.0 |

(END OF REPORT)