

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: P623556

Luminaire Tested: **IFLD-S-SA3B-722-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623556  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-722-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                        |                      |                 |
|-------------------|----------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                    | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 13068.8 lumens                         | Max Intensity:       | 15970.6 candela |
| Efficiency:       | N/A                                    | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 106.8 lumens/watt                      |                      |                 |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' 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:      | 6495.5 lumens   | Field Lumens:      | 8447.6 lumens   |
| Beam Efficiency:  | 49.7%           | Field Efficiency:  | 64.6%           |

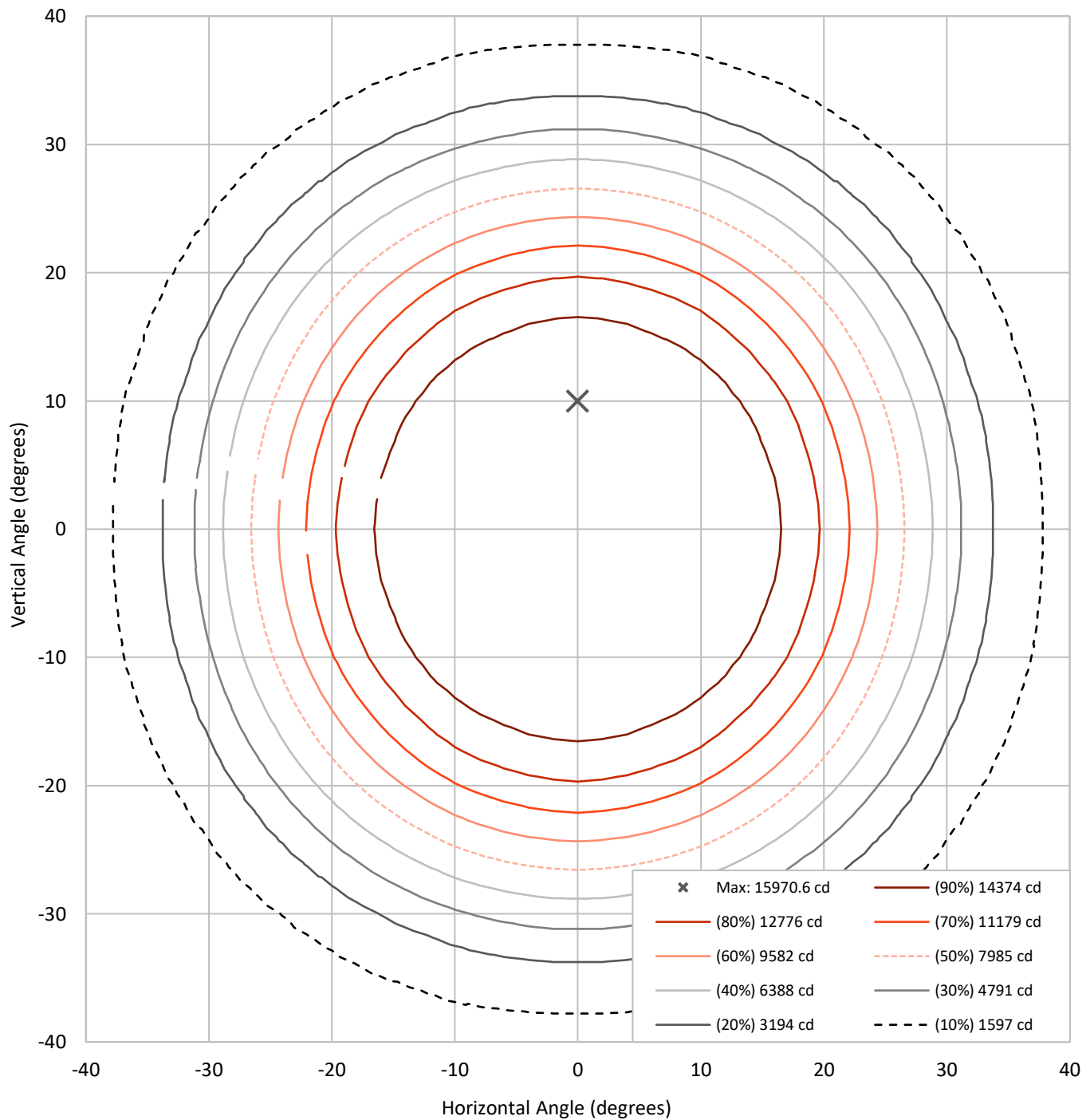
Input Watts (W): 122.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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## Iso-Candela Plot



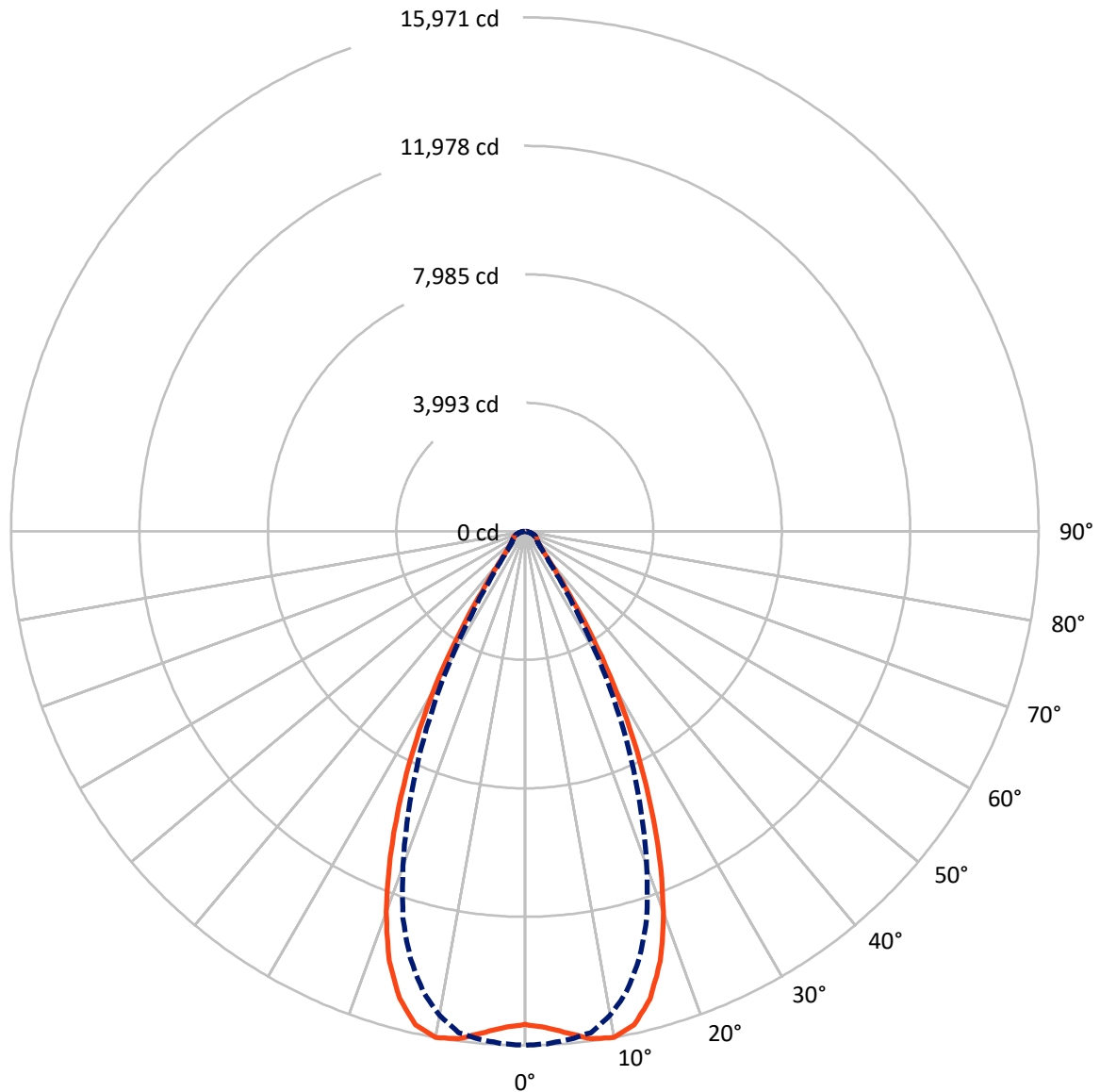
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## Lumen Table

|     |                            |     |     |     |      |      |       |       |       |       |       |       |      |      |     |     |     |    |    |  |
|-----|----------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|-----|----|----|--|
| 90  |                            |     |     |     |      |      |       |       |       |       |       |       |      |      |     |     |     |    |    |  |
| 80  | 0.4                        |     | 2.9 |     | 7.5  |      | 12.1  |       | 14.0  |       | 12.1  |       | 7.5  |      | 2.9 |     | 0.4 |    |    |  |
| 70  | 1.3                        |     | 1.4 | 3.0 | 4.9  | 6.9  | 8.6   | 9.8   | 10.5  | 10.5  | 9.8   | 8.6   | 6.9  | 4.9  | 3.0 | 1.4 | 1.3 |    |    |  |
| 60  |                            |     | 2.2 | 4.5 | 7.2  | 9.6  | 11.7  | 13.3  | 14.2  | 14.2  | 13.3  | 11.7  | 9.6  | 7.2  | 4.5 | 2.2 |     |    |    |  |
| 50  | 2.3                        |     | 2.9 | 5.8 | 8.8  | 11.8 | 15.3  | 19.4  | 22.5  | 22.5  | 19.4  | 15.3  | 11.8 | 8.8  | 5.8 | 2.9 | 2.3 |    |    |  |
| 40  |                            |     | 3.6 | 6.8 | 10.2 | 15.5 | 27.6  | 54.0  | 81.4  | 81.4  | 54.0  | 27.6  | 15.5 | 10.2 | 6.8 | 3.6 |     |    |    |  |
| 30  | 3.1                        |     | 4.0 | 7.4 | 12.0 | 25.1 | 79.8  | 185.0 | 262.6 | 262.6 | 185.0 | 79.8  | 25.1 | 12.0 | 7.4 | 4.0 | 3.1 |    |    |  |
| 20  |                            |     | 4.3 | 7.9 | 14.3 | 46.3 | 174.3 | 341.0 | 434.7 | 434.7 | 341.0 | 174.3 | 46.3 | 14.3 | 7.9 | 4.3 |     |    |    |  |
| 10  | 3.4                        |     | 4.5 | 8.2 | 16.1 | 67.9 | 240.1 | 421.8 | 478.4 | 478.4 | 421.8 | 240.1 | 67.9 | 16.1 | 8.2 | 4.5 | 3.4 |    |    |  |
| 0   |                            |     | 4.5 | 8.2 | 16.1 | 67.9 | 240.1 | 421.8 | 478.4 | 478.4 | 421.8 | 240.1 | 67.9 | 16.1 | 8.2 | 4.5 |     |    |    |  |
| -10 | 3.1                        |     | 4.3 | 7.9 | 14.3 | 46.3 | 174.3 | 341.0 | 434.7 | 434.7 | 341.0 | 174.3 | 46.3 | 14.3 | 7.9 | 4.3 | 3.1 |    |    |  |
| -20 |                            |     | 4.0 | 7.4 | 12.0 | 25.1 | 79.8  | 185.0 | 262.6 | 262.6 | 185.0 | 79.8  | 25.1 | 12.0 | 7.4 | 4.0 |     |    |    |  |
| -30 | 2.3                        |     | 3.6 | 6.8 | 10.2 | 15.5 | 27.6  | 54.0  | 81.4  | 81.4  | 54.0  | 27.6  | 15.5 | 10.2 | 6.8 | 3.6 | 2.3 |    |    |  |
| -40 |                            |     | 2.9 | 5.8 | 8.8  | 11.8 | 15.3  | 19.4  | 22.5  | 22.5  | 19.4  | 15.3  | 11.8 | 8.8  | 5.8 | 2.9 |     |    |    |  |
| -50 | 1.3                        |     | 2.2 | 4.5 | 7.2  | 9.6  | 11.7  | 13.3  | 14.2  | 14.2  | 13.3  | 11.7  | 9.6  | 7.2  | 4.5 | 2.2 | 1.3 |    |    |  |
| -60 |                            |     | 1.4 | 3.0 | 4.9  | 6.9  | 8.6   | 9.8   | 10.5  | 10.5  | 9.8   | 8.6   | 6.9  | 4.9  | 3.0 | 1.4 |     |    |    |  |
| -70 |                            |     |     |     |      |      |       |       |       |       |       |       |      |      |     |     |     |    |    |  |
| -80 | 0.4                        |     | 2.9 |     | 7.5  |      | 12.1  |       | 14.0  |       | 12.1  |       | 7.5  |      | 2.9 |     | 0.4 |    |    |  |
| -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

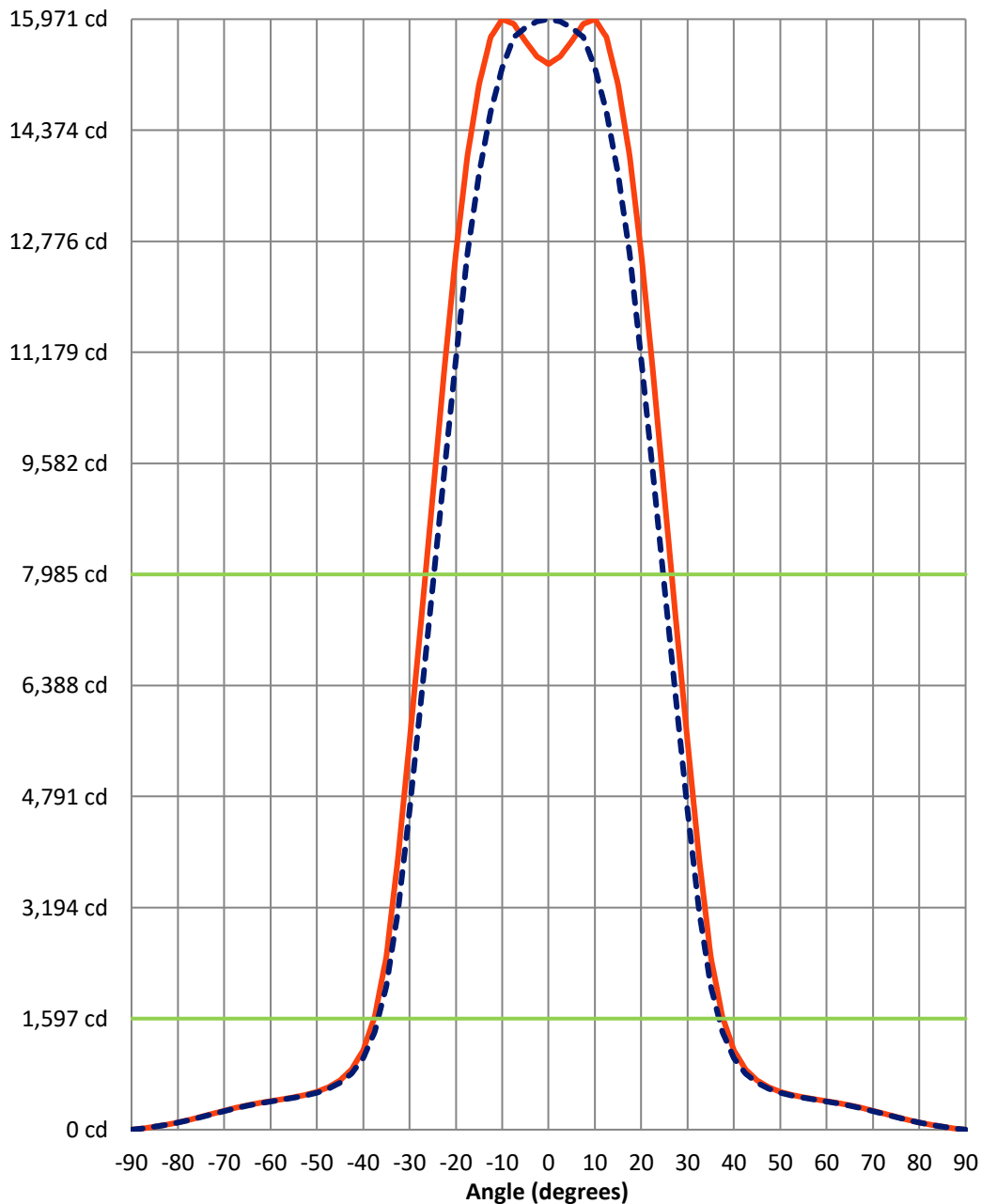


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 6495.5  
Efficiency: 49.7%

**Field:**

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 8447.6  
Efficiency: 64.6%

**Spill:**

Lumens: 4621.2  
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° | 17.6    | 17.6    | 17.6    | 17.6    | 17.6    | 17.6    | 17.6    | 16.3    | 16.3    | 16.3    | 16.3   |
| 85°   | 43.4    | 43.4    | 43.4    | 43.4    | 43.4    | 42.1    | 42.1    | 40.7    | 40.7    | 39.4    | 38.0   |
| 82.5° | 70.6    | 70.6    | 70.6    | 70.6    | 69.2    | 69.2    | 67.9    | 66.5    | 65.2    | 63.8    | 62.4   |
| 80°   | 103.2   | 103.2   | 103.2   | 103.2   | 101.8   | 100.5   | 99.1    | 97.7    | 95.0    | 93.7    | 91.0   |
| 77.5° | 141.2   | 141.2   | 141.2   | 139.8   | 138.5   | 137.1   | 134.4   | 131.7   | 129.0   | 126.3   | 123.5  |
| 75°   | 184.6   | 184.6   | 184.6   | 181.9   | 180.6   | 177.8   | 175.1   | 172.4   | 168.3   | 164.3   | 160.2  |
| 72.5° | 229.4   | 229.4   | 229.4   | 226.7   | 224.0   | 221.3   | 218.6   | 214.5   | 210.4   | 205.0   | 199.6  |
| 70°   | 271.5   | 271.5   | 271.5   | 268.8   | 266.1   | 263.4   | 259.3   | 255.2   | 249.8   | 244.4   | 238.9  |
| 67.5° | 315.0   | 315.0   | 315.0   | 310.9   | 308.2   | 305.5   | 301.4   | 296.0   | 290.5   | 283.7   | 276.9  |
| 65°   | 350.3   | 350.3   | 348.9   | 347.5   | 344.8   | 340.8   | 338.0   | 332.6   | 327.2   | 321.7   | 315.0  |
| 62.5° | 382.8   | 382.8   | 381.5   | 380.1   | 377.4   | 373.3   | 369.3   | 365.2   | 359.8   | 353.0   | 346.2  |
| 60°   | 410.0   | 410.0   | 408.6   | 407.3   | 404.6   | 401.8   | 397.8   | 393.7   | 388.3   | 382.8   | 376.1  |
| 57.5° | 437.1   | 437.1   | 435.8   | 434.4   | 431.7   | 427.6   | 423.6   | 419.5   | 414.1   | 407.3   | 400.5  |
| 55°   | 465.7   | 465.7   | 464.3   | 461.6   | 458.9   | 454.8   | 450.7   | 445.3   | 438.5   | 431.7   | 424.9  |
| 52.5° | 499.6   | 499.6   | 496.9   | 494.2   | 490.1   | 486.0   | 479.2   | 472.4   | 464.3   | 456.1   | 448.0  |
| 50°   | 544.4   | 544.4   | 541.7   | 537.6   | 530.8   | 524.0   | 515.9   | 505.0   | 495.5   | 484.7   | 473.8  |
| 47.5° | 610.9   | 610.9   | 605.5   | 598.7   | 589.2   | 578.3   | 563.4   | 547.1   | 533.5   | 520.0   | 503.7  |
| 45°   | 708.7   | 708.7   | 700.5   | 689.7   | 674.7   | 655.7   | 634.0   | 610.9   | 587.8   | 564.8   | 541.7  |
| 42.5° | 867.5   | 867.5   | 852.6   | 833.6   | 807.8   | 775.2   | 734.5   | 696.4   | 663.9   | 627.2   | 596.0  |
| 40°   | 1141.7  | 1141.7  | 1113.2  | 1077.9  | 1029.0  | 966.6   | 891.9   | 832.2   | 775.2   | 711.4   | 667.9  |
| 37.5° | 1629.1  | 1629.1  | 1573.4  | 1505.6  | 1410.5  | 1291.1  | 1147.2  | 1050.8  | 944.9   | 844.4   | 771.1  |
| 35°   | 2489.8  | 2489.8  | 2382.6  | 2250.9  | 2067.6  | 1836.8  | 1591.1  | 1409.2  | 1206.9  | 1052.1  | 915.0  |
| 32.5° | 3901.7  | 3901.7  | 3708.9  | 3471.3  | 3144.2  | 2730.1  | 2336.4  | 1990.2  | 1629.1  | 1372.5  | 1125.4 |
| 30°   | 5579.7  | 5579.7  | 5327.2  | 5016.3  | 4590.0  | 4052.4  | 3491.7  | 2876.7  | 2306.5  | 1849.0  | 1475.7 |
| 27.5° | 7314.7  | 7242.7  | 7025.5  | 6671.2  | 6185.1  | 5579.7  | 4880.5  | 4086.3  | 3315.2  | 2508.8  | 1975.3 |
| 25°   | 9109.4  | 9025.2  | 8776.8  | 8369.5  | 7812.9  | 7127.3  | 6339.9  | 5452.1  | 4500.4  | 3539.2  | 2616.1 |
| 22.5° | 10923.1 | 10828.1 | 10545.7 | 10085.5 | 9461.0  | 8692.6  | 7800.7  | 6813.7  | 5750.7  | 4640.2  | 3539.2 |
| 20°   | 12599.7 | 12499.3 | 12203.3 | 11724.1 | 11077.9 | 10234.8 | 9243.8  | 8149.6  | 6973.9  | 5750.7  | 4500.4 |
| 17.5° | 14003.5 | 13907.1 | 13622.0 | 13164.5 | 12599.7 | 11667.1 | 10636.7 | 9433.8  | 8149.6  | 6813.7  | 5452.1 |
| 15°   | 15028.4 | 14945.6 | 14702.6 | 14318.4 | 13742.8 | 12917.4 | 11868.0 | 10636.7 | 9243.8  | 7800.7  | 6339.9 |
| 12.5° | 15708.6 | 15642.1 | 15450.6 | 15152.0 | 14636.1 | 13943.7 | 12917.4 | 11667.1 | 10234.8 | 8692.6  | 7127.3 |
| 10°   | 15970.6 | 15938.0 | 15848.4 | 15711.3 | 15271.4 | 14636.1 | 13742.8 | 12599.7 | 11077.9 | 9461.0  | 7812.9 |
| 7.5°  | 15901.4 | 15912.2 | 15943.4 | 15908.2 | 15711.3 | 15152.0 | 14318.4 | 13164.5 | 11724.1 | 10085.5 | 8369.5 |
| 5°    | 15654.3 | 15712.7 | 15857.9 | 15943.4 | 15848.4 | 15450.6 | 14702.6 | 13622.0 | 12203.3 | 10545.7 | 8776.8 |
| 2.5°  | 15434.4 | 15525.3 | 15712.7 | 15912.2 | 15938.0 | 15642.1 | 14945.6 | 13907.1 | 12499.3 | 10828.1 | 9025.2 |
| 0°    | 15325.7 | 15434.4 | 15654.3 | 15901.4 | 15970.6 | 15708.6 | 15028.4 | 14003.5 | 12599.7 | 10923.1 | 9109.4 |

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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° | 16.3   | 14.9   | 14.9   | 14.9   | 13.6   | 13.6   | 13.6  | 12.2  | 12.2  | 10.9  | 10.9  |
| 85°   | 38.0   | 36.7   | 35.3   | 33.9   | 32.6   | 31.2   | 29.9  | 28.5  | 27.2  | 24.4  | 23.1  |
| 82.5° | 61.1   | 59.7   | 58.4   | 55.7   | 54.3   | 51.6   | 48.9  | 46.2  | 43.4  | 42.1  | 39.4  |
| 80°   | 88.2   | 85.5   | 82.8   | 80.1   | 76.0   | 72.0   | 69.2  | 65.2  | 62.4  | 58.4  | 55.7  |
| 77.5° | 119.5  | 115.4  | 111.3  | 105.9  | 101.8  | 97.7   | 92.3  | 88.2  | 82.8  | 77.4  | 72.0  |
| 75°   | 154.8  | 149.3  | 142.5  | 137.1  | 131.7  | 124.9  | 118.1 | 111.3 | 104.5 | 97.7  | 91.0  |
| 72.5° | 192.8  | 186.0  | 179.2  | 172.4  | 164.3  | 154.8  | 146.6 | 137.1 | 129.0 | 120.8 | 111.3 |
| 70°   | 232.1  | 224.0  | 215.9  | 207.7  | 198.2  | 187.3  | 177.8 | 167.0 | 156.1 | 145.3 | 134.4 |
| 67.5° | 268.8  | 260.7  | 251.2  | 243.0  | 232.1  | 221.3  | 209.1 | 196.8 | 184.6 | 171.1 | 157.5 |
| 65°   | 306.8  | 297.3  | 286.4  | 275.6  | 264.7  | 252.5  | 240.3 | 228.1 | 213.1 | 198.2 | 184.6 |
| 62.5° | 338.0  | 329.9  | 320.4  | 309.5  | 297.3  | 283.7  | 271.5 | 255.2 | 240.3 | 225.4 | 207.7 |
| 60°   | 367.9  | 358.4  | 350.3  | 338.0  | 327.2  | 315.0  | 300.0 | 283.7 | 267.4 | 249.8 | 233.5 |
| 57.5° | 393.7  | 385.6  | 376.1  | 365.2  | 353.0  | 340.8  | 327.2 | 312.2 | 293.2 | 275.6 | 256.6 |
| 55°   | 416.8  | 407.3  | 397.8  | 388.3  | 377.4  | 363.8  | 350.3 | 335.3 | 319.0 | 300.0 | 279.7 |
| 52.5° | 439.9  | 430.4  | 419.5  | 410.0  | 397.8  | 385.6  | 372.0 | 357.0 | 340.8 | 323.1 | 301.4 |
| 50°   | 462.9  | 452.1  | 441.2  | 429.0  | 416.8  | 404.6  | 391.0 | 377.4 | 359.8 | 342.1 | 323.1 |
| 47.5° | 490.1  | 476.5  | 462.9  | 449.4  | 437.1  | 422.2  | 408.6 | 393.7 | 378.8 | 359.8 | 340.8 |
| 45°   | 524.0  | 503.7  | 487.4  | 471.1  | 456.1  | 441.2  | 424.9 | 410.0 | 393.7 | 377.4 | 357.0 |
| 42.5° | 566.1  | 539.0  | 517.2  | 495.5  | 476.5  | 458.9  | 442.6 | 424.9 | 408.6 | 391.0 | 372.0 |
| 40°   | 623.1  | 586.5  | 551.2  | 524.0  | 499.6  | 477.9  | 458.9 | 441.2 | 422.2 | 404.6 | 385.6 |
| 37.5° | 697.8  | 646.2  | 597.3  | 558.0  | 526.7  | 499.6  | 476.5 | 456.1 | 437.1 | 416.8 | 397.8 |
| 35°   | 810.5  | 720.9  | 658.4  | 601.4  | 558.0  | 524.0  | 495.5 | 471.1 | 449.4 | 429.0 | 410.0 |
| 32.5° | 969.3  | 830.8  | 730.4  | 658.4  | 597.3  | 551.2  | 517.2 | 487.4 | 462.9 | 441.2 | 419.5 |
| 30°   | 1178.4 | 987.0  | 830.8  | 720.9  | 646.2  | 586.5  | 539.0 | 503.7 | 476.5 | 452.1 | 430.4 |
| 27.5° | 1509.6 | 1178.4 | 969.3  | 810.5  | 697.8  | 623.1  | 566.1 | 524.0 | 490.1 | 462.9 | 439.9 |
| 25°   | 1975.3 | 1475.7 | 1125.4 | 915.0  | 771.1  | 667.9  | 596.0 | 541.7 | 503.7 | 473.8 | 448.0 |
| 22.5° | 2508.8 | 1849.0 | 1372.5 | 1052.1 | 844.4  | 711.4  | 627.2 | 564.8 | 520.0 | 484.7 | 456.1 |
| 20°   | 3315.2 | 2306.5 | 1629.1 | 1206.9 | 944.9  | 775.2  | 663.9 | 587.8 | 533.5 | 495.5 | 464.3 |
| 17.5° | 4086.3 | 2876.7 | 1990.2 | 1409.2 | 1050.8 | 832.2  | 696.4 | 610.9 | 547.1 | 505.0 | 472.4 |
| 15°   | 4880.5 | 3491.7 | 2336.4 | 1591.1 | 1147.2 | 891.9  | 734.5 | 634.0 | 563.4 | 515.9 | 479.2 |
| 12.5° | 5579.7 | 4052.4 | 2730.1 | 1836.8 | 1291.1 | 966.6  | 775.2 | 655.7 | 578.3 | 524.0 | 486.0 |
| 10°   | 6185.1 | 4590.0 | 3144.2 | 2067.6 | 1410.5 | 1029.0 | 807.8 | 674.7 | 589.2 | 530.8 | 490.1 |
| 7.5°  | 6671.2 | 5016.3 | 3471.3 | 2250.9 | 1505.6 | 1077.9 | 833.6 | 689.7 | 598.7 | 537.6 | 494.2 |
| 5°    | 7025.5 | 5327.2 | 3708.9 | 2382.6 | 1573.4 | 1113.2 | 852.6 | 700.5 | 605.5 | 541.7 | 496.9 |
| 2.5°  | 7242.7 | 5579.7 | 3901.7 | 2489.8 | 1629.1 | 1141.7 | 867.5 | 708.7 | 610.9 | 544.4 | 499.6 |
| 0°    | 7314.7 | 5579.7 | 3901.7 | 2489.8 | 1629.1 | 1141.7 | 867.5 | 708.7 | 610.9 | 544.4 | 499.6 |



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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° | 9.5   | 9.5   | 8.1   | 8.1   | 6.8   | 6.8   | 5.4   | 5.4   | 4.1   | 4.1   | 2.7   |
| 85°   | 21.7  | 19.0  | 17.6  | 16.3  | 14.9  | 13.6  | 12.2  | 10.9  | 9.5   | 8.1   | 6.8   |
| 82.5° | 36.7  | 33.9  | 29.9  | 27.2  | 24.4  | 21.7  | 17.6  | 16.3  | 13.6  | 10.9  | 9.5   |
| 80°   | 51.6  | 47.5  | 43.4  | 39.4  | 35.3  | 31.2  | 27.2  | 23.1  | 19.0  | 14.9  | 12.2  |
| 77.5° | 66.5  | 61.1  | 57.0  | 51.6  | 46.2  | 40.7  | 35.3  | 29.9  | 24.4  | 19.0  | 14.9  |
| 75°   | 84.2  | 77.4  | 70.6  | 63.8  | 57.0  | 50.2  | 44.8  | 38.0  | 31.2  | 24.4  | 19.0  |
| 72.5° | 103.2 | 93.7  | 85.5  | 77.4  | 67.9  | 61.1  | 52.9  | 46.2  | 38.0  | 29.9  | 23.1  |
| 70°   | 123.5 | 112.7 | 101.8 | 91.0  | 81.5  | 70.6  | 62.4  | 52.9  | 44.8  | 35.3  | 27.2  |
| 67.5° | 143.9 | 131.7 | 119.5 | 105.9 | 93.7  | 82.8  | 70.6  | 61.1  | 50.2  | 40.7  | 31.2  |
| 65°   | 168.3 | 152.0 | 137.1 | 122.2 | 107.2 | 93.7  | 81.5  | 67.9  | 57.0  | 46.2  | 35.3  |
| 62.5° | 191.4 | 173.8 | 156.1 | 138.5 | 122.2 | 105.9 | 91.0  | 77.4  | 63.8  | 51.6  | 39.4  |
| 60°   | 214.5 | 195.5 | 175.1 | 156.1 | 137.1 | 119.5 | 101.8 | 85.5  | 70.6  | 57.0  | 43.4  |
| 57.5° | 237.6 | 215.9 | 195.5 | 173.8 | 152.0 | 131.7 | 112.7 | 93.7  | 77.4  | 61.1  | 47.5  |
| 55°   | 257.9 | 237.6 | 214.5 | 191.4 | 168.3 | 143.9 | 123.5 | 103.2 | 84.2  | 66.5  | 51.6  |
| 52.5° | 279.7 | 256.6 | 233.5 | 207.7 | 184.6 | 157.5 | 134.4 | 111.3 | 91.0  | 72.0  | 55.7  |
| 50°   | 300.0 | 275.6 | 249.8 | 225.4 | 198.2 | 171.1 | 145.3 | 120.8 | 97.7  | 77.4  | 58.4  |
| 47.5° | 319.0 | 293.2 | 267.4 | 240.3 | 213.1 | 184.6 | 156.1 | 129.0 | 104.5 | 82.8  | 62.4  |
| 45°   | 335.3 | 312.2 | 283.7 | 255.2 | 228.1 | 196.8 | 167.0 | 137.1 | 111.3 | 88.2  | 65.2  |
| 42.5° | 350.3 | 327.2 | 300.0 | 271.5 | 240.3 | 209.1 | 177.8 | 146.6 | 118.1 | 92.3  | 69.2  |
| 40°   | 363.8 | 340.8 | 315.0 | 283.7 | 252.5 | 221.3 | 187.3 | 154.8 | 124.9 | 97.7  | 72.0  |
| 37.5° | 377.4 | 353.0 | 327.2 | 297.3 | 264.7 | 232.1 | 198.2 | 164.3 | 131.7 | 101.8 | 76.0  |
| 35°   | 388.3 | 365.2 | 338.0 | 309.5 | 275.6 | 243.0 | 207.7 | 172.4 | 137.1 | 105.9 | 80.1  |
| 32.5° | 397.8 | 376.1 | 350.3 | 320.4 | 286.4 | 251.2 | 215.9 | 179.2 | 142.5 | 111.3 | 82.8  |
| 30°   | 407.3 | 385.6 | 358.4 | 329.9 | 297.3 | 260.7 | 224.0 | 186.0 | 149.3 | 115.4 | 85.5  |
| 27.5° | 416.8 | 393.7 | 367.9 | 338.0 | 306.8 | 268.8 | 232.1 | 192.8 | 154.8 | 119.5 | 88.2  |
| 25°   | 424.9 | 400.5 | 376.1 | 346.2 | 315.0 | 276.9 | 238.9 | 199.6 | 160.2 | 123.5 | 91.0  |
| 22.5° | 431.7 | 407.3 | 382.8 | 353.0 | 321.7 | 283.7 | 244.4 | 205.0 | 164.3 | 126.3 | 93.7  |
| 20°   | 438.5 | 414.1 | 388.3 | 359.8 | 327.2 | 290.5 | 249.8 | 210.4 | 168.3 | 129.0 | 95.0  |
| 17.5° | 445.3 | 419.5 | 393.7 | 365.2 | 332.6 | 296.0 | 255.2 | 214.5 | 172.4 | 131.7 | 97.7  |
| 15°   | 450.7 | 423.6 | 397.8 | 369.3 | 338.0 | 301.4 | 259.3 | 218.6 | 175.1 | 134.4 | 99.1  |
| 12.5° | 454.8 | 427.6 | 401.8 | 373.3 | 340.8 | 305.5 | 263.4 | 221.3 | 177.8 | 137.1 | 100.5 |
| 10°   | 458.9 | 431.7 | 404.6 | 377.4 | 344.8 | 308.2 | 266.1 | 224.0 | 180.6 | 138.5 | 101.8 |
| 7.5°  | 461.6 | 434.4 | 407.3 | 380.1 | 347.5 | 310.9 | 268.8 | 226.7 | 181.9 | 139.8 | 103.2 |
| 5°    | 464.3 | 435.8 | 408.6 | 381.5 | 348.9 | 315.0 | 271.5 | 229.4 | 184.6 | 141.2 | 103.2 |
| 2.5°  | 465.7 | 437.1 | 410.0 | 382.8 | 350.3 | 315.0 | 271.5 | 229.4 | 184.6 | 141.2 | 103.2 |
| 0°    | 465.7 | 437.1 | 410.0 | 382.8 | 350.3 | 315.0 | 271.5 | 229.4 | 184.6 | 141.2 | 103.2 |

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CATALOG NUMBER: IFLD-S-SA3B-722-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 2.7   | 1.4  | 1.4   | 0.0 |
| 85°   | 4.1   | 2.7  | 1.4   | 0.0 |
| 82.5° | 6.8   | 4.1  | 2.7   | 0.0 |
| 80°   | 9.5   | 6.8  | 2.7   | 0.0 |
| 77.5° | 10.9  | 8.1  | 4.1   | 0.0 |
| 75°   | 13.6  | 9.5  | 4.1   | 0.0 |
| 72.5° | 16.3  | 10.9 | 5.4   | 0.0 |
| 70°   | 17.6  | 12.2 | 5.4   | 0.0 |
| 67.5° | 21.7  | 13.6 | 6.8   | 0.0 |
| 65°   | 24.4  | 14.9 | 6.8   | 0.0 |
| 62.5° | 27.2  | 16.3 | 8.1   | 0.0 |
| 60°   | 29.9  | 17.6 | 8.1   | 0.0 |
| 57.5° | 33.9  | 19.0 | 9.5   | 0.0 |
| 55°   | 36.7  | 21.7 | 9.5   | 0.0 |
| 52.5° | 39.4  | 23.1 | 10.9  | 0.0 |
| 50°   | 42.1  | 24.4 | 10.9  | 0.0 |
| 47.5° | 43.4  | 27.2 | 12.2  | 0.0 |
| 45°   | 46.2  | 28.5 | 12.2  | 0.0 |
| 42.5° | 48.9  | 29.9 | 13.6  | 0.0 |
| 40°   | 51.6  | 31.2 | 13.6  | 0.0 |
| 37.5° | 54.3  | 32.6 | 13.6  | 0.0 |
| 35°   | 55.7  | 33.9 | 14.9  | 0.0 |
| 32.5° | 58.4  | 35.3 | 14.9  | 0.0 |
| 30°   | 59.7  | 36.7 | 14.9  | 0.0 |
| 27.5° | 61.1  | 38.0 | 16.3  | 0.0 |
| 25°   | 62.4  | 38.0 | 16.3  | 0.0 |
| 22.5° | 63.8  | 39.4 | 16.3  | 0.0 |
| 20°   | 65.2  | 40.7 | 16.3  | 0.0 |
| 17.5° | 66.5  | 40.7 | 16.3  | 0.0 |
| 15°   | 67.9  | 42.1 | 17.6  | 0.0 |
| 12.5° | 69.2  | 42.1 | 17.6  | 0.0 |
| 10°   | 69.2  | 43.4 | 17.6  | 0.0 |
| 7.5°  | 70.6  | 43.4 | 17.6  | 0.0 |
| 5°    | 70.6  | 43.4 | 17.6  | 0.0 |
| 2.5°  | 70.6  | 43.4 | 17.6  | 0.0 |
| 0°    | 70.6  | 43.4 | 17.6  | 0.0 |

(END OF REPORT)