

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: P723662

Luminaire Tested: **IFLD-S-SA2A-730-U-11-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P723662  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2A-730-U-11-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor  
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: | 4450.5 lumens                        | Max Intensity:       | 104704.5 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 69.8 lumens/watt                     |                      |                  |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') |                      |                  |

|                   |               |                    |                 |
|-------------------|---------------|--------------------|-----------------|
| Beam Angle (50%): | 9.3°H x 8.8°V | Field Angle (10%): | 15.8°H x 15.3°V |
| Beam Lumens:      | 1613.9 lumens | Field Lumens:      | 2572.9 lumens   |
| Beam Efficiency:  | 36.3%         | Field Efficiency:  | 57.8%           |

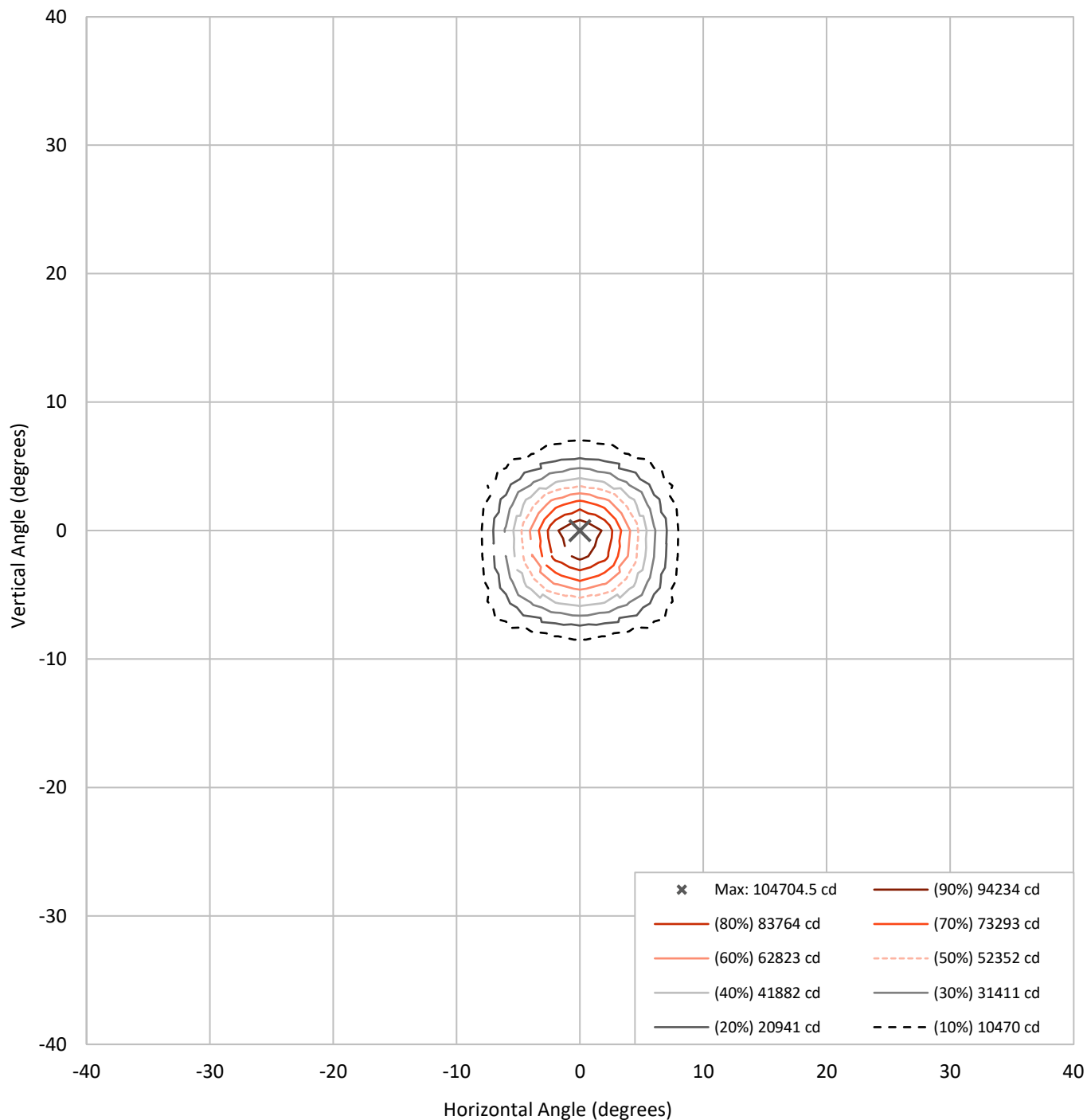
Input Watts (W): 63.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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## Iso-Candela Plot



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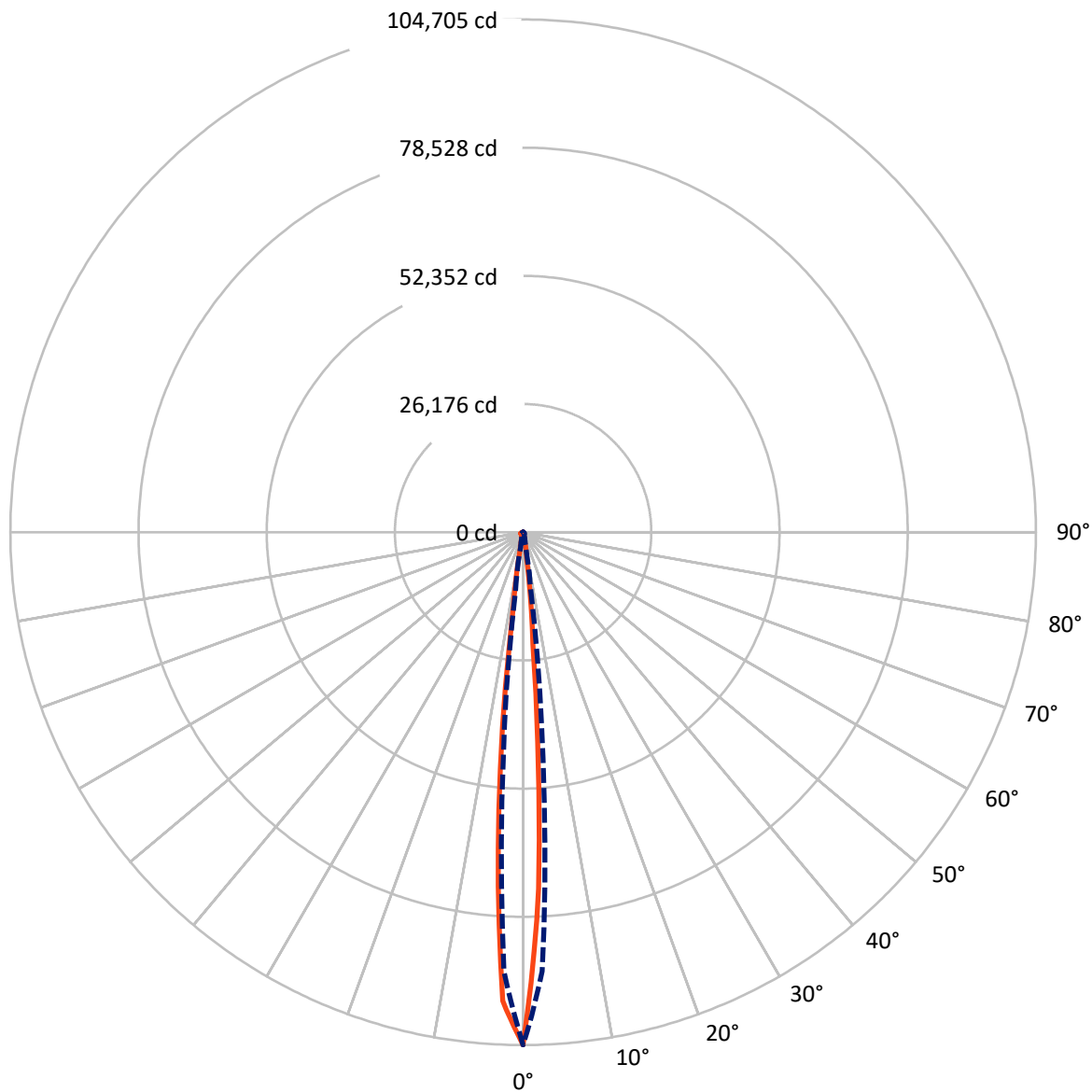
## Lumen Table

|    |     |     |  |     |  |     |  |     |  |     |  |     |  |     |  |     |  |
|----|-----|-----|--|-----|--|-----|--|-----|--|-----|--|-----|--|-----|--|-----|--|
| 90 |     |     |  |     |  |     |  |     |  |     |  |     |  |     |  |     |  |
| 80 | 0.1 | 1.0 |  | 1.1 |  | 0.4 |  | 0.1 |  | 0.4 |  | 1.1 |  | 1.0 |  | 0.1 |  |
| 70 |     |     |  |     |  |     |  |     |  |     |  |     |  |     |  |     |  |

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## Luminous Intensity Polar Plot



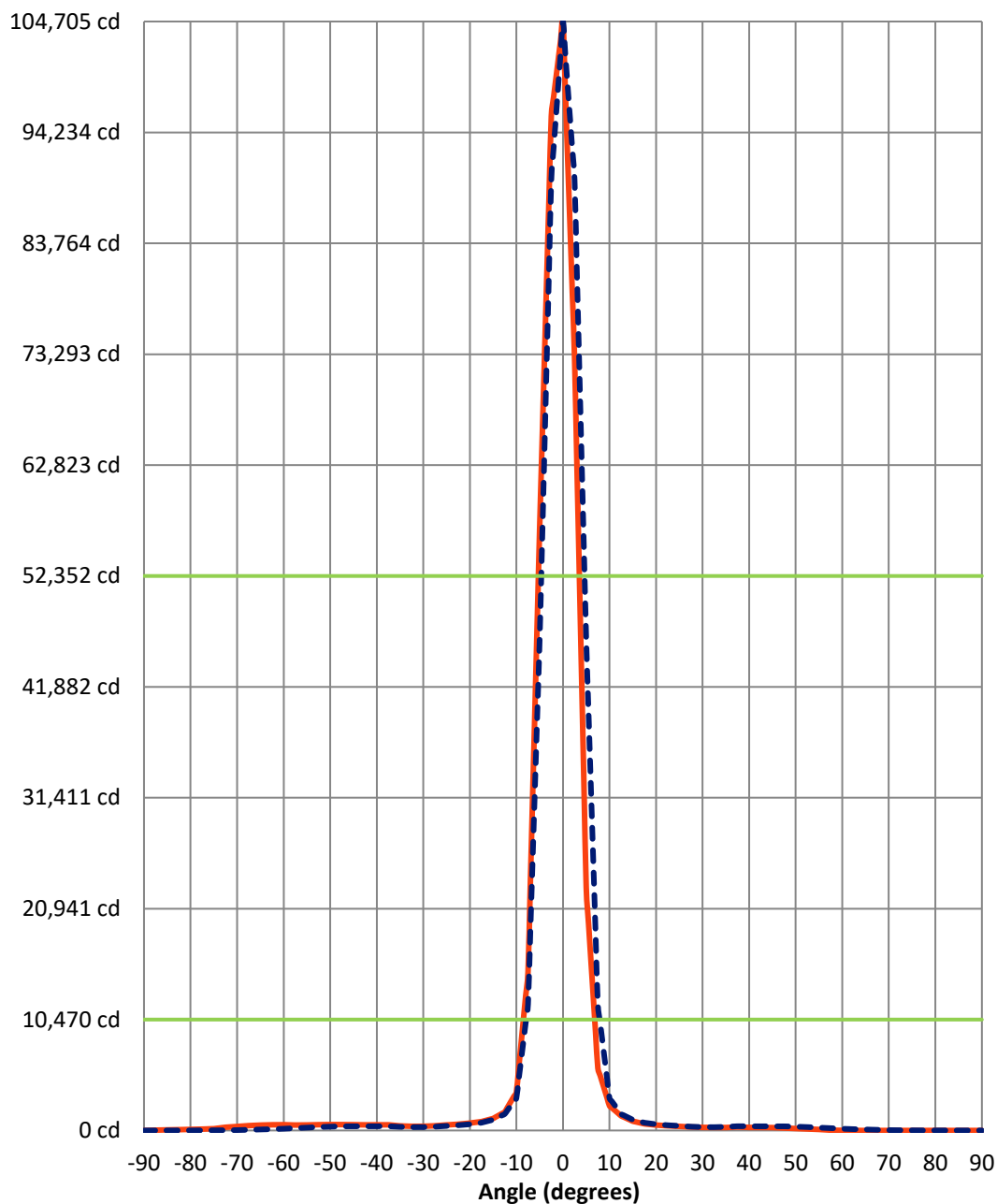
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 9.3°

V Angle: 8.8°

Lumens: 1613.9

Efficiency: 36.3%

**Field:**

H Angle: 15.8°

V Angle: 15.3°

Lumens: 2572.9

Efficiency: 57.8%

**Spill:**

Lumens: 1877.6

Efficiency: 42.2%

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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      | 1.0     | 1.0     | 1.0     | 1.0    | 1.0    | 1.0    | 1.0   | 1.0   | 1.0   | 1.0   |
| 85°    | 0.0      | 1.0     | 1.0     | 2.1     | 2.1    | 2.1    | 3.1    | 4.1   | 5.1   | 5.1   | 6.2   |
| 82.5°  | 0.0      | 1.0     | 1.0     | 2.1     | 2.1    | 3.1    | 3.1    | 5.1   | 6.2   | 7.2   | 9.2   |
| 80°    | 1.0      | 1.0     | 1.0     | 2.1     | 2.1    | 3.1    | 3.1    | 4.1   | 5.1   | 7.2   | 8.2   |
| 77.5°  | 0.0      | 1.0     | 1.0     | 1.0     | 2.1    | 2.1    | 2.1    | 3.1   | 4.1   | 5.1   | 6.2   |
| 75°    | 0.0      | 1.0     | 1.0     | 1.0     | 2.1    | 2.1    | 2.1    | 2.1   | 3.1   | 3.1   | 4.1   |
| 72.5°  | 0.0      | 0.0     | 0.0     | 1.0     | 1.0    | 2.1    | 2.1    | 2.1   | 3.1   | 3.1   | 3.1   |
| 70°    | 0.0      | 0.0     | 0.0     | 1.0     | 1.0    | 2.1    | 2.1    | 2.1   | 3.1   | 3.1   | 3.1   |
| 67.5°  | 0.0      | 0.0     | 0.0     | 1.0     | 1.0    | 2.1    | 2.1    | 2.1   | 3.1   | 3.1   | 3.1   |
| 65°    | 0.0      | 0.0     | 0.0     | 1.0     | 1.0    | 2.1    | 2.1    | 3.1   | 3.1   | 3.1   | 3.1   |
| 62.5°  | 1.0      | 1.0     | 1.0     | 2.1     | 3.1    | 3.1    | 4.1    | 5.1   | 5.1   | 5.1   | 5.1   |
| 60°    | 10.3     | 11.3    | 12.3    | 12.3    | 11.3   | 11.3   | 12.3   | 12.3  | 12.3  | 12.3  | 12.3  |
| 57.5°  | 27.7     | 29.8    | 30.8    | 30.8    | 30.8   | 29.8   | 33.9   | 34.9  | 30.8  | 28.8  | 31.8  |
| 55°    | 96.6     | 99.7    | 97.6    | 94.5    | 88.4   | 81.2   | 79.1   | 78.1  | 79.1  | 74.0  | 65.8  |
| 52.5°  | 140.8    | 143.8   | 142.8   | 140.8   | 136.6  | 131.5  | 127.4  | 123.3 | 119.2 | 111.0 | 101.7 |
| 50°    | 182.9    | 183.9   | 182.9   | 180.8   | 176.7  | 171.6  | 163.4  | 154.1 | 145.9 | 143.8 | 135.6 |
| 47.5°  | 230.1    | 233.2   | 233.2   | 232.2   | 229.1  | 219.9  | 207.5  | 194.2 | 188.0 | 186.0 | 177.7 |
| 45°    | 272.3    | 274.3   | 275.3   | 276.4   | 275.3  | 266.1  | 254.8  | 247.6 | 234.2 | 230.1 | 230.1 |
| 42.5°  | 283.6    | 284.6   | 285.6   | 286.6   | 289.7  | 282.5  | 273.3  | 261.0 | 257.9 | 256.8 | 254.8 |
| 40°    | 287.7    | 285.6   | 286.6   | 287.7   | 288.7  | 283.6  | 276.4  | 269.2 | 267.1 | 265.1 | 265.1 |
| 37.5°  | 326.7    | 317.5   | 310.3   | 304.1   | 299.0  | 293.8  | 286.6  | 280.5 | 275.3 | 271.2 | 275.3 |
| 35°    | 278.4    | 278.4   | 285.6   | 291.8   | 297.9  | 304.1  | 305.1  | 297.9 | 286.6 | 281.5 | 288.7 |
| 32.5°  | 284.6    | 284.6   | 284.6   | 286.6   | 288.7  | 293.8  | 299.0  | 302.1 | 310.3 | 301.0 | 301.0 |
| 30°    | 290.7    | 291.8   | 293.8   | 294.9   | 291.8  | 289.7  | 287.7  | 287.7 | 292.8 | 306.2 | 313.4 |
| 27.5°  | 326.7    | 326.7   | 323.6   | 319.5   | 310.3  | 295.9  | 288.7  | 278.4 | 279.4 | 285.6 | 303.1 |
| 25°    | 385.3    | 383.2   | 376.0   | 365.7   | 349.3  | 328.8  | 309.2  | 287.7 | 278.4 | 275.3 | 282.5 |
| 22.5°  | 440.7    | 437.7   | 428.4   | 419.2   | 405.8  | 385.3  | 352.4  | 319.5 | 290.7 | 278.4 | 275.3 |
| 20°    | 511.6    | 504.4   | 494.2   | 479.8   | 458.2  | 437.7  | 408.9  | 365.7 | 323.6 | 291.8 | 279.4 |
| 17.5°  | 625.7    | 616.4   | 596.9   | 571.2   | 534.2  | 502.4  | 461.3  | 420.2 | 372.9 | 321.6 | 293.8 |
| 15°    | 875.3    | 851.7   | 817.8   | 746.9   | 674.0  | 613.3  | 551.7  | 482.9 | 434.6 | 366.8 | 324.7 |
| 12.5°  | 1376.7   | 1312.0  | 1213.3  | 1047.9  | 884.6  | 743.8  | 644.2  | 555.8 | 477.7 | 415.1 | 355.5 |
| 10°    | 2330.1   | 2191.4  | 1919.1  | 1467.1  | 1166.1 | 907.2  | 728.4  | 610.3 | 511.6 | 446.9 | 381.2 |
| 7.5°   | 5893.1   | 4807.1  | 3401.7  | 2322.9  | 1525.7 | 1108.5 | 833.2  | 661.6 | 547.6 | 467.5 | 401.7 |
| 5°     | 22968.1  | 18920.3 | 10093.0 | 4212.3  | 2295.2 | 1340.7 | 927.7  | 702.7 | 571.2 | 482.9 | 417.1 |
| 2.5°   | 72893.7  | 62948.7 | 33026.2 | 9067.7  | 2818.1 | 1510.3 | 992.5  | 728.4 | 584.6 | 494.2 | 428.4 |
| 0°     | 104704.5 | 89735.6 | 46350.3 | 11925.8 | 3056.5 | 1553.4 | 1013.0 | 733.6 | 586.6 | 496.2 | 428.4 |
| -2.5°  | 95786.8  | 83832.2 | 44774.3 | 11097.8 | 3123.2 | 1565.7 | 1029.4 | 751.0 | 602.0 | 505.5 | 431.5 |
| -5°    | 56915.9  | 49923.5 | 31233.4 | 7912.9  | 2775.0 | 1453.7 | 986.3  | 735.6 | 591.8 | 500.3 | 429.4 |
| -7.5°  | 14995.7  | 12982.0 | 8539.6  | 4129.0  | 1795.9 | 1229.8 | 906.2  | 709.9 | 578.4 | 491.1 | 421.2 |
| -10°   | 3615.4   | 3426.3  | 3060.6  | 1876.0  | 1398.3 | 1027.4 | 803.4  | 663.7 | 551.7 | 478.8 | 407.9 |
| -12.5° | 1743.5   | 1702.4  | 1545.2  | 1274.0  | 1037.7 | 853.8  | 727.4  | 615.4 | 527.0 | 457.2 | 389.4 |
| -15°   | 1134.2   | 1110.6  | 1057.2  | 953.4   | 833.2  | 744.9  | 656.5  | 566.1 | 496.2 | 425.3 | 374.0 |
| -17.5° | 839.4    | 838.3   | 811.6   | 772.6   | 713.0  | 647.3  | 582.5  | 525.0 | 457.2 | 396.6 | 357.5 |
| -20°   | 695.5    | 695.5   | 680.1   | 654.4   | 612.3  | 569.2  | 526.0  | 472.6 | 417.1 | 371.9 | 355.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 25°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 590.7 | 591.8 | 583.6 | 567.1 | 544.5 | 508.6 | 466.4 | 423.3 | 383.2 | 366.8 | 361.6 |
| -25°   | 522.9 | 520.9 | 511.6 | 496.2 | 472.6 | 443.8 | 416.1 | 387.3 | 376.0 | 371.9 | 379.1 |
| -27.5° | 442.8 | 445.9 | 441.8 | 434.6 | 419.2 | 398.6 | 392.5 | 384.2 | 386.3 | 392.5 | 420.2 |
| -30°   | 395.5 | 398.6 | 402.7 | 405.8 | 400.7 | 395.5 | 397.6 | 403.8 | 417.1 | 440.7 | 451.0 |
| -32.5° | 395.5 | 396.6 | 402.7 | 408.9 | 412.0 | 416.1 | 427.4 | 447.9 | 467.5 | 461.3 | 459.2 |
| -35°   | 431.5 | 428.4 | 436.6 | 444.9 | 456.2 | 470.5 | 482.9 | 478.8 | 471.6 | 469.5 | 471.6 |
| -37.5° | 534.2 | 514.7 | 506.5 | 501.4 | 498.3 | 496.2 | 493.1 | 490.1 | 487.0 | 484.9 | 488.0 |
| -40°   | 533.2 | 528.1 | 522.9 | 518.8 | 515.7 | 511.6 | 509.6 | 508.6 | 505.5 | 503.4 | 501.4 |
| -42.5° | 531.2 | 533.2 | 533.2 | 532.2 | 533.2 | 532.2 | 529.1 | 525.0 | 519.9 | 515.7 | 511.6 |
| -45°   | 546.6 | 547.6 | 549.6 | 551.7 | 554.8 | 550.7 | 544.5 | 537.3 | 530.1 | 524.0 | 518.8 |
| -47.5° | 555.8 | 556.8 | 558.9 | 562.0 | 564.0 | 559.9 | 551.7 | 542.5 | 531.2 | 520.9 | 510.6 |
| -50°   | 558.9 | 562.0 | 563.0 | 563.0 | 562.0 | 556.8 | 544.5 | 531.2 | 518.8 | 508.6 | 499.3 |
| -52.5° | 544.5 | 547.6 | 548.6 | 546.6 | 545.5 | 540.4 | 529.1 | 516.8 | 503.4 | 496.2 | 488.0 |
| -55°   | 520.9 | 525.0 | 528.1 | 528.1 | 528.1 | 527.0 | 516.8 | 505.5 | 495.2 | 487.0 | 478.8 |
| -57.5° | 511.6 | 518.8 | 525.0 | 526.0 | 527.0 | 528.1 | 520.9 | 509.6 | 497.3 | 484.9 | 474.7 |
| -60°   | 545.5 | 551.7 | 554.8 | 550.7 | 547.6 | 544.5 | 533.2 | 519.9 | 507.5 | 495.2 | 475.7 |
| -62.5° | 536.3 | 546.6 | 551.7 | 548.6 | 544.5 | 539.4 | 527.0 | 511.6 | 497.3 | 483.9 | 464.4 |
| -65°   | 506.5 | 515.7 | 521.9 | 516.8 | 510.6 | 503.4 | 492.1 | 477.7 | 464.4 | 451.0 | 433.6 |
| -67.5° | 456.2 | 469.5 | 479.8 | 468.5 | 460.3 | 451.0 | 441.8 | 429.4 | 416.1 | 400.7 | 384.2 |
| -70°   | 377.0 | 387.3 | 396.6 | 393.5 | 391.4 | 389.4 | 383.2 | 370.9 | 359.6 | 347.3 | 332.9 |
| -72.5° | 303.1 | 312.3 | 320.5 | 315.4 | 311.3 | 305.1 | 295.9 | 282.5 | 269.2 | 255.8 | 242.5 |
| -75°   | 167.5 | 170.5 | 173.6 | 172.6 | 172.6 | 172.6 | 172.6 | 173.6 | 171.6 | 168.5 | 162.3 |
| -77.5° | 128.4 | 132.5 | 135.6 | 137.7 | 140.8 | 144.9 | 147.9 | 142.8 | 137.7 | 132.5 | 126.4 |
| -80°   | 100.7 | 104.8 | 107.9 | 119.2 | 127.4 | 136.6 | 142.8 | 135.6 | 128.4 | 122.3 | 117.1 |
| -82.5° | 76.0  | 79.1  | 82.2  | 88.4  | 92.5  | 97.6  | 101.7 | 101.7 | 100.7 | 99.7  | 96.6  |
| -85°   | 55.5  | 59.6  | 63.7  | 65.8  | 68.8  | 68.8  | 69.9  | 65.8  | 61.6  | 58.6  | 54.5  |
| -87.5° | 31.8  | 32.9  | 32.9  | 32.9  | 33.9  | 33.9  | 33.9  | 31.8  | 30.8  | 28.8  | 27.7  |
| -90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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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°  | 1.0   | 1.0   | 1.0   | 2.1   | 2.1   | 3.1   | 3.1   | 4.1   | 4.1   | 5.1   | 5.1   |
| 85°    | 6.2   | 6.2   | 6.2   | 7.2   | 7.2   | 8.2   | 9.2   | 10.3  | 11.3  | 11.3  | 12.3  |
| 82.5°  | 10.3  | 11.3  | 12.3  | 13.4  | 14.4  | 15.4  | 16.4  | 17.5  | 20.5  | 22.6  | 23.6  |
| 80°    | 10.3  | 11.3  | 14.4  | 16.4  | 18.5  | 20.5  | 20.5  | 20.5  | 20.5  | 21.6  | 23.6  |
| 77.5°  | 7.2   | 8.2   | 9.2   | 11.3  | 16.4  | 20.5  | 23.6  | 25.7  | 23.6  | 22.6  | 20.5  |
| 75°    | 4.1   | 5.1   | 6.2   | 7.2   | 10.3  | 14.4  | 19.5  | 24.7  | 28.8  | 27.7  | 25.7  |
| 72.5°  | 4.1   | 4.1   | 5.1   | 6.2   | 7.2   | 8.2   | 9.2   | 14.4  | 20.5  | 25.7  | 28.8  |
| 70°    | 4.1   | 5.1   | 5.1   | 6.2   | 7.2   | 8.2   | 9.2   | 11.3  | 14.4  | 20.5  | 26.7  |
| 67.5°  | 4.1   | 5.1   | 5.1   | 7.2   | 9.2   | 10.3  | 11.3  | 10.3  | 9.2   | 13.4  | 19.5  |
| 65°    | 4.1   | 4.1   | 5.1   | 6.2   | 7.2   | 8.2   | 11.3  | 11.3  | 10.3  | 10.3  | 10.3  |
| 62.5°  | 6.2   | 6.2   | 6.2   | 6.2   | 7.2   | 7.2   | 7.2   | 9.2   | 9.2   | 9.2   | 9.2   |
| 60°    | 12.3  | 11.3  | 11.3  | 11.3  | 11.3  | 9.2   | 9.2   | 9.2   | 8.2   | 9.2   | 8.2   |
| 57.5°  | 29.8  | 24.7  | 22.6  | 22.6  | 19.5  | 18.5  | 15.4  | 11.3  | 11.3  | 9.2   | 9.2   |
| 55°    | 60.6  | 57.5  | 48.3  | 40.1  | 36.0  | 31.8  | 24.7  | 20.5  | 15.4  | 12.3  | 11.3  |
| 52.5°  | 93.5  | 85.3  | 77.1  | 66.8  | 56.5  | 48.3  | 41.1  | 31.8  | 25.7  | 18.5  | 14.4  |
| 50°    | 122.3 | 115.1 | 105.8 | 94.5  | 81.2  | 70.9  | 60.6  | 48.3  | 38.0  | 28.8  | 20.5  |
| 47.5°  | 166.4 | 152.1 | 140.8 | 127.4 | 112.0 | 97.6  | 84.2  | 69.9  | 53.4  | 42.1  | 31.8  |
| 45°    | 213.7 | 193.1 | 177.7 | 165.4 | 144.9 | 125.3 | 109.9 | 94.5  | 75.0  | 55.5  | 43.2  |
| 42.5°  | 246.6 | 231.2 | 210.6 | 194.2 | 175.7 | 155.1 | 134.6 | 118.1 | 97.6  | 75.0  | 55.5  |
| 40°    | 264.0 | 253.8 | 237.3 | 222.9 | 203.4 | 180.8 | 159.2 | 142.8 | 121.2 | 96.6  | 69.9  |
| 37.5°  | 277.4 | 272.3 | 264.0 | 252.7 | 234.2 | 207.5 | 186.0 | 166.4 | 147.9 | 119.2 | 90.4  |
| 35°    | 292.8 | 291.8 | 286.6 | 281.5 | 266.1 | 240.4 | 214.7 | 192.1 | 169.5 | 142.8 | 111.0 |
| 32.5°  | 307.2 | 306.2 | 303.1 | 301.0 | 294.9 | 272.3 | 244.5 | 218.8 | 193.1 | 165.4 | 130.5 |
| 30°    | 314.4 | 312.3 | 312.3 | 314.4 | 308.2 | 293.8 | 273.3 | 245.5 | 216.8 | 183.9 | 151.0 |
| 27.5°  | 314.4 | 312.3 | 313.4 | 316.4 | 315.4 | 308.2 | 292.8 | 270.2 | 238.4 | 201.4 | 169.5 |
| 25°    | 301.0 | 311.3 | 311.3 | 315.4 | 316.4 | 314.4 | 306.2 | 291.8 | 258.9 | 219.9 | 183.9 |
| 22.5°  | 282.5 | 307.2 | 316.4 | 315.4 | 316.4 | 321.6 | 322.6 | 309.2 | 278.4 | 238.4 | 198.3 |
| 20°    | 282.5 | 300.0 | 326.7 | 319.5 | 321.6 | 332.9 | 338.0 | 326.7 | 299.0 | 255.8 | 212.7 |
| 17.5°  | 288.7 | 300.0 | 322.6 | 333.9 | 337.0 | 346.2 | 354.4 | 347.3 | 317.5 | 274.3 | 232.2 |
| 15°    | 306.2 | 304.1 | 319.5 | 347.3 | 352.4 | 359.6 | 368.8 | 360.6 | 333.9 | 294.9 | 250.7 |
| 12.5°  | 318.5 | 307.2 | 319.5 | 349.3 | 365.7 | 372.9 | 376.0 | 369.9 | 348.3 | 313.4 | 269.2 |
| 10°    | 334.9 | 315.4 | 321.6 | 347.3 | 370.9 | 376.0 | 379.1 | 377.0 | 361.6 | 328.8 | 285.6 |
| 7.5°   | 347.3 | 319.5 | 319.5 | 344.2 | 376.0 | 380.1 | 382.2 | 384.2 | 372.9 | 342.1 | 300.0 |
| 5°     | 352.4 | 319.5 | 317.5 | 341.1 | 381.2 | 385.3 | 385.3 | 388.4 | 381.2 | 352.4 | 310.3 |
| 2.5°   | 353.4 | 318.5 | 315.4 | 339.0 | 390.4 | 390.4 | 388.4 | 391.4 | 387.3 | 358.6 | 317.5 |
| 0°     | 358.6 | 317.5 | 314.4 | 342.1 | 400.7 | 396.6 | 391.4 | 392.5 | 390.4 | 361.6 | 321.6 |
| -2.5°  | 358.6 | 322.6 | 318.5 | 344.2 | 399.7 | 398.6 | 396.6 | 397.6 | 395.5 | 370.9 | 329.8 |
| -5°    | 363.7 | 329.8 | 325.7 | 353.4 | 398.6 | 401.7 | 402.7 | 402.7 | 399.7 | 377.0 | 334.9 |
| -7.5°  | 364.7 | 334.9 | 333.9 | 362.7 | 400.7 | 405.8 | 408.9 | 411.0 | 404.8 | 381.2 | 339.0 |
| -10°   | 359.6 | 337.0 | 342.1 | 374.0 | 402.7 | 409.9 | 416.1 | 419.2 | 408.9 | 383.2 | 341.1 |
| -12.5° | 348.3 | 337.0 | 350.3 | 388.4 | 407.9 | 416.1 | 425.3 | 426.4 | 413.0 | 384.2 | 342.1 |
| -15°   | 347.3 | 345.2 | 364.7 | 402.7 | 411.0 | 421.2 | 435.6 | 432.5 | 416.1 | 384.2 | 342.1 |
| -17.5° | 346.2 | 356.5 | 386.3 | 407.9 | 416.1 | 427.4 | 438.7 | 435.6 | 418.1 | 384.2 | 340.1 |
| -20°   | 355.5 | 375.0 | 412.0 | 413.0 | 422.3 | 434.6 | 440.7 | 434.6 | 415.1 | 381.2 | 337.0 |

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CATALOG NUMBER: IFLD-S-SA2A-730-U-11-VI

**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 370.9 | 407.9 | 420.2 | 424.3 | 432.5 | 441.8 | 444.9 | 435.6 | 412.0 | 376.0 | 331.8 |
| -25°   | 409.9 | 428.4 | 428.4 | 437.7 | 445.9 | 450.0 | 446.9 | 436.6 | 407.9 | 370.9 | 326.7 |
| -27.5° | 439.7 | 438.7 | 443.8 | 453.1 | 460.3 | 460.3 | 452.0 | 431.5 | 401.7 | 365.7 | 319.5 |
| -30°   | 451.0 | 452.0 | 459.2 | 469.5 | 471.6 | 466.4 | 454.1 | 427.4 | 396.6 | 357.5 | 310.3 |
| -32.5° | 462.3 | 466.4 | 475.7 | 480.8 | 481.8 | 471.6 | 449.0 | 420.2 | 388.4 | 348.3 | 300.0 |
| -35°   | 475.7 | 483.9 | 489.0 | 490.1 | 484.9 | 467.5 | 441.8 | 411.0 | 376.0 | 334.9 | 290.7 |
| -37.5° | 493.1 | 497.3 | 500.3 | 496.2 | 481.8 | 461.3 | 429.4 | 398.6 | 364.7 | 320.5 | 277.4 |
| -40°   | 504.4 | 506.5 | 507.5 | 494.2 | 476.7 | 446.9 | 416.1 | 384.2 | 345.2 | 304.1 | 263.0 |
| -42.5° | 511.6 | 509.6 | 501.4 | 487.0 | 461.3 | 432.5 | 402.7 | 366.8 | 327.7 | 287.7 | 247.6 |
| -45°   | 509.6 | 502.4 | 490.1 | 472.6 | 445.9 | 417.1 | 382.2 | 346.2 | 309.2 | 270.2 | 230.1 |
| -47.5° | 501.4 | 490.1 | 474.7 | 454.1 | 429.4 | 394.5 | 359.6 | 324.7 | 288.7 | 250.7 | 213.7 |
| -50°   | 491.1 | 477.7 | 459.2 | 433.6 | 400.7 | 368.8 | 337.0 | 303.1 | 266.1 | 231.2 | 198.3 |
| -52.5° | 479.8 | 465.4 | 441.8 | 413.0 | 377.0 | 344.2 | 313.4 | 280.5 | 246.6 | 213.7 | 184.9 |
| -55°   | 467.5 | 453.1 | 426.4 | 393.5 | 357.5 | 321.6 | 291.8 | 264.0 | 231.2 | 199.3 | 173.6 |
| -57.5° | 461.3 | 442.8 | 415.1 | 382.2 | 344.2 | 307.2 | 281.5 | 251.7 | 221.9 | 189.0 | 164.4 |
| -60°   | 456.2 | 437.7 | 412.0 | 374.0 | 338.0 | 303.1 | 273.3 | 244.5 | 212.7 | 181.8 | 157.2 |
| -62.5° | 441.8 | 422.3 | 398.6 | 361.6 | 326.7 | 294.9 | 268.1 | 234.2 | 203.4 | 174.7 | 152.1 |
| -65°   | 413.0 | 392.5 | 371.9 | 339.0 | 307.2 | 277.4 | 250.7 | 219.9 | 191.1 | 166.4 | 146.9 |
| -67.5° | 367.8 | 350.3 | 331.8 | 304.1 | 277.4 | 250.7 | 226.0 | 199.3 | 175.7 | 158.2 | 147.9 |
| -70°   | 317.5 | 299.0 | 280.5 | 257.9 | 235.3 | 213.7 | 194.2 | 174.7 | 159.2 | 150.0 | 141.8 |
| -72.5° | 231.2 | 222.9 | 213.7 | 196.2 | 177.7 | 164.4 | 155.1 | 146.9 | 135.6 | 127.4 | 122.3 |
| -75°   | 154.1 | 142.8 | 128.4 | 122.3 | 123.3 | 121.2 | 116.1 | 109.9 | 104.8 | 101.7 | 94.5  |
| -77.5° | 120.2 | 114.0 | 106.8 | 99.7  | 96.6  | 93.5  | 89.4  | 84.2  | 80.1  | 72.9  | 62.7  |
| -80°   | 111.0 | 105.8 | 100.7 | 95.5  | 90.4  | 83.2  | 75.0  | 66.8  | 62.7  | 59.6  | 58.6  |
| -82.5° | 91.4  | 85.3  | 79.1  | 74.0  | 66.8  | 61.6  | 56.5  | 52.4  | 52.4  | 51.4  | 50.3  |
| -85°   | 52.4  | 50.3  | 47.3  | 45.2  | 43.2  | 40.1  | 37.0  | 34.9  | 33.9  | 32.9  | 31.8  |
| -87.5° | 26.7  | 25.7  | 23.6  | 22.6  | 21.6  | 20.5  | 18.5  | 17.5  | 16.4  | 16.4  | 15.4  |
| -90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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CATALOG NUMBER: IFLD-S-SA2A-730-U-11-VI

**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   | 4.1   | 4.1   | 4.1   | 3.1   | 2.1  | 2.1   | 1.0  | 1.0   | 0.0 |
| 85°    | 12.3  | 10.3  | 9.2   | 8.2   | 8.2   | 6.2   | 4.1  | 3.1   | 2.1  | 1.0   | 1.0 |
| 82.5°  | 23.6  | 20.5  | 17.5  | 15.4  | 12.3  | 9.2   | 7.2  | 5.1   | 3.1  | 2.1   | 1.0 |
| 80°    | 26.7  | 26.7  | 25.7  | 21.6  | 17.5  | 13.4  | 9.2  | 6.2   | 4.1  | 3.1   | 2.1 |
| 77.5°  | 20.5  | 22.6  | 22.6  | 22.6  | 21.6  | 16.4  | 11.3 | 7.2   | 4.1  | 3.1   | 2.1 |
| 75°    | 23.6  | 20.5  | 19.5  | 20.5  | 19.5  | 16.4  | 13.4 | 8.2   | 5.1  | 4.1   | 2.1 |
| 72.5°  | 28.8  | 24.7  | 21.6  | 20.5  | 18.5  | 15.4  | 12.3 | 9.2   | 5.1  | 4.1   | 3.1 |
| 70°    | 26.7  | 25.7  | 23.6  | 21.6  | 18.5  | 15.4  | 12.3 | 9.2   | 6.2  | 4.1   | 3.1 |
| 67.5°  | 23.6  | 23.6  | 23.6  | 21.6  | 18.5  | 14.4  | 11.3 | 8.2   | 6.2  | 4.1   | 3.1 |
| 65°    | 16.4  | 19.5  | 21.6  | 20.5  | 18.5  | 14.4  | 11.3 | 8.2   | 6.2  | 5.1   | 3.1 |
| 62.5°  | 10.3  | 13.4  | 17.5  | 19.5  | 17.5  | 14.4  | 10.3 | 8.2   | 6.2  | 5.1   | 3.1 |
| 60°    | 9.2   | 10.3  | 12.3  | 15.4  | 16.4  | 13.4  | 10.3 | 7.2   | 6.2  | 5.1   | 3.1 |
| 57.5°  | 9.2   | 9.2   | 10.3  | 12.3  | 13.4  | 12.3  | 9.2  | 6.2   | 6.2  | 5.1   | 4.1 |
| 55°    | 10.3  | 9.2   | 9.2   | 10.3  | 11.3  | 11.3  | 9.2  | 6.2   | 6.2  | 5.1   | 4.1 |
| 52.5°  | 12.3  | 10.3  | 9.2   | 9.2   | 9.2   | 10.3  | 8.2  | 6.2   | 6.2  | 5.1   | 4.1 |
| 50°    | 15.4  | 12.3  | 11.3  | 9.2   | 9.2   | 9.2   | 8.2  | 6.2   | 5.1  | 5.1   | 4.1 |
| 47.5°  | 20.5  | 16.4  | 12.3  | 11.3  | 9.2   | 8.2   | 7.2  | 6.2   | 5.1  | 5.1   | 4.1 |
| 45°    | 30.8  | 19.5  | 16.4  | 12.3  | 10.3  | 9.2   | 8.2  | 6.2   | 5.1  | 5.1   | 4.1 |
| 42.5°  | 42.1  | 28.8  | 20.5  | 14.4  | 11.3  | 9.2   | 8.2  | 7.2   | 5.1  | 5.1   | 4.1 |
| 40°    | 53.4  | 39.0  | 25.7  | 18.5  | 13.4  | 10.3  | 8.2  | 7.2   | 6.2  | 5.1   | 4.1 |
| 37.5°  | 65.8  | 48.3  | 33.9  | 23.6  | 15.4  | 11.3  | 9.2  | 7.2   | 6.2  | 5.1   | 4.1 |
| 35°    | 81.2  | 60.6  | 42.1  | 28.8  | 18.5  | 13.4  | 10.3 | 7.2   | 6.2  | 5.1   | 4.1 |
| 32.5°  | 98.6  | 71.9  | 50.3  | 34.9  | 23.6  | 16.4  | 11.3 | 8.2   | 6.2  | 5.1   | 4.1 |
| 30°    | 115.1 | 85.3  | 59.6  | 42.1  | 28.8  | 18.5  | 12.3 | 8.2   | 6.2  | 5.1   | 3.1 |
| 27.5°  | 131.5 | 98.6  | 70.9  | 49.3  | 34.9  | 21.6  | 13.4 | 9.2   | 6.2  | 5.1   | 4.1 |
| 25°    | 147.9 | 112.0 | 82.2  | 56.5  | 40.1  | 25.7  | 16.4 | 10.3  | 6.2  | 5.1   | 4.1 |
| 22.5°  | 162.3 | 125.3 | 92.5  | 64.7  | 46.2  | 29.8  | 18.5 | 11.3  | 7.2  | 5.1   | 4.1 |
| 20°    | 178.8 | 139.7 | 103.8 | 74.0  | 51.4  | 33.9  | 20.5 | 12.3  | 7.2  | 5.1   | 4.1 |
| 17.5°  | 194.2 | 154.1 | 115.1 | 82.2  | 57.5  | 38.0  | 23.6 | 13.4  | 8.2  | 5.1   | 4.1 |
| 15°    | 209.6 | 167.5 | 125.3 | 90.4  | 63.7  | 42.1  | 25.7 | 14.4  | 9.2  | 5.1   | 4.1 |
| 12.5°  | 224.0 | 179.8 | 134.6 | 97.6  | 68.8  | 46.2  | 27.7 | 15.4  | 10.3 | 5.1   | 4.1 |
| 10°    | 237.3 | 191.1 | 143.8 | 103.8 | 74.0  | 49.3  | 29.8 | 17.5  | 11.3 | 5.1   | 4.1 |
| 7.5°   | 250.7 | 200.3 | 151.0 | 109.9 | 80.1  | 53.4  | 31.8 | 18.5  | 12.3 | 6.2   | 4.1 |
| 5°     | 258.9 | 208.6 | 157.2 | 115.1 | 85.3  | 57.5  | 33.9 | 19.5  | 13.4 | 6.2   | 4.1 |
| 2.5°   | 266.1 | 214.7 | 161.3 | 120.2 | 90.4  | 60.6  | 33.9 | 20.5  | 14.4 | 6.2   | 4.1 |
| 0°     | 270.2 | 218.8 | 164.4 | 123.3 | 94.5  | 62.7  | 34.9 | 21.6  | 15.4 | 6.2   | 4.1 |
| -2.5°  | 279.4 | 226.0 | 171.6 | 127.4 | 98.6  | 68.8  | 37.0 | 22.6  | 16.4 | 7.2   | 4.1 |
| -5°    | 285.6 | 230.1 | 176.7 | 131.5 | 101.7 | 75.0  | 40.1 | 24.7  | 18.5 | 9.2   | 5.1 |
| -7.5°  | 290.7 | 234.2 | 180.8 | 133.6 | 104.8 | 77.1  | 41.1 | 25.7  | 19.5 | 10.3  | 5.1 |
| -10°   | 291.8 | 236.3 | 183.9 | 136.6 | 106.8 | 80.1  | 42.1 | 26.7  | 20.5 | 11.3  | 5.1 |
| -12.5° | 292.8 | 238.4 | 184.9 | 138.7 | 108.9 | 82.2  | 43.2 | 27.7  | 21.6 | 12.3  | 5.1 |
| -15°   | 291.8 | 237.3 | 184.9 | 140.8 | 109.9 | 80.1  | 45.2 | 28.8  | 22.6 | 13.4  | 5.1 |
| -17.5° | 289.7 | 236.3 | 183.9 | 139.7 | 108.9 | 78.1  | 46.2 | 30.8  | 22.6 | 14.4  | 6.2 |
| -20°   | 286.6 | 233.2 | 181.8 | 138.7 | 107.9 | 76.0  | 47.3 | 31.8  | 23.6 | 14.4  | 6.2 |

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CATALOG NUMBER: IFLD-S-SA2A-730-U-11-VI

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°  | 72.5° | 75°  | 77.5° | 80° |
|--------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 281.5 | 228.1 | 177.7 | 135.6 | 105.8 | 74.0  | 47.3 | 33.9  | 24.7 | 14.4  | 6.2 |
| -25°   | 275.3 | 222.9 | 173.6 | 131.5 | 102.7 | 70.9  | 47.3 | 34.9  | 25.7 | 14.4  | 6.2 |
| -27.5° | 268.1 | 217.8 | 167.5 | 128.4 | 98.6  | 68.8  | 47.3 | 36.0  | 26.7 | 14.4  | 6.2 |
| -30°   | 259.9 | 210.6 | 162.3 | 123.3 | 95.5  | 68.8  | 48.3 | 37.0  | 27.7 | 14.4  | 6.2 |
| -32.5° | 251.7 | 203.4 | 156.2 | 119.2 | 91.4  | 67.8  | 48.3 | 38.0  | 28.8 | 13.4  | 7.2 |
| -35°   | 242.5 | 195.2 | 151.0 | 116.1 | 88.4  | 65.8  | 49.3 | 38.0  | 27.7 | 13.4  | 7.2 |
| -37.5° | 231.2 | 184.9 | 145.9 | 113.0 | 86.3  | 63.7  | 49.3 | 39.0  | 26.7 | 13.4  | 7.2 |
| -40°   | 218.8 | 176.7 | 139.7 | 108.9 | 83.2  | 62.7  | 49.3 | 39.0  | 25.7 | 13.4  | 8.2 |
| -42.5° | 205.5 | 167.5 | 133.6 | 104.8 | 80.1  | 61.6  | 49.3 | 39.0  | 24.7 | 13.4  | 8.2 |
| -45°   | 193.1 | 158.2 | 126.4 | 99.7  | 77.1  | 61.6  | 49.3 | 38.0  | 22.6 | 14.4  | 8.2 |
| -47.5° | 179.8 | 147.9 | 118.1 | 94.5  | 76.0  | 60.6  | 48.3 | 36.0  | 20.5 | 14.4  | 8.2 |
| -50°   | 168.5 | 137.7 | 112.0 | 89.4  | 74.0  | 61.6  | 49.3 | 32.9  | 20.5 | 14.4  | 8.2 |
| -52.5° | 157.2 | 130.5 | 104.8 | 87.3  | 71.9  | 62.7  | 48.3 | 30.8  | 20.5 | 14.4  | 8.2 |
| -55°   | 147.9 | 123.3 | 100.7 | 84.2  | 74.0  | 64.7  | 46.2 | 27.7  | 20.5 | 14.4  | 8.2 |
| -57.5° | 140.8 | 119.2 | 97.6  | 85.3  | 77.1  | 62.7  | 43.2 | 26.7  | 20.5 | 13.4  | 8.2 |
| -60°   | 135.6 | 115.1 | 98.6  | 89.4  | 78.1  | 59.6  | 41.1 | 26.7  | 20.5 | 13.4  | 7.2 |
| -62.5° | 131.5 | 116.1 | 103.8 | 92.5  | 74.0  | 55.5  | 39.0 | 26.7  | 18.5 | 12.3  | 7.2 |
| -65°   | 132.5 | 120.2 | 105.8 | 88.4  | 70.9  | 51.4  | 36.0 | 25.7  | 17.5 | 11.3  | 7.2 |
| -67.5° | 135.6 | 117.1 | 99.7  | 83.2  | 63.7  | 46.2  | 32.9 | 23.6  | 16.4 | 11.3  | 7.2 |
| -70°   | 125.3 | 107.9 | 90.4  | 70.9  | 54.5  | 40.1  | 30.8 | 21.6  | 14.4 | 10.3  | 7.2 |
| -72.5° | 113.0 | 90.4  | 71.9  | 57.5  | 46.2  | 37.0  | 27.7 | 19.5  | 13.4 | 9.2   | 6.2 |
| -75°   | 82.2  | 65.8  | 53.4  | 48.3  | 41.1  | 32.9  | 24.7 | 17.5  | 12.3 | 9.2   | 6.2 |
| -77.5° | 58.6  | 54.5  | 49.3  | 44.2  | 37.0  | 28.8  | 21.6 | 16.4  | 11.3 | 8.2   | 5.1 |
| -80°   | 57.5  | 52.4  | 46.2  | 38.0  | 30.8  | 24.7  | 18.5 | 14.4  | 10.3 | 7.2   | 4.1 |
| -82.5° | 48.3  | 41.1  | 34.9  | 28.8  | 23.6  | 19.5  | 15.4 | 11.3  | 8.2  | 5.1   | 3.1 |
| -85°   | 29.8  | 25.7  | 22.6  | 19.5  | 16.4  | 13.4  | 10.3 | 7.2   | 5.1  | 3.1   | 2.1 |
| -87.5° | 14.4  | 13.4  | 11.3  | 9.2   | 8.2   | 6.2   | 5.1  | 4.1   | 3.1  | 2.1   | 1.0 |
| -90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |

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CATALOG NUMBER: IFLD-S-SA2A-730-U-11-VI

**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°  | 1.0   | 0.0 | 0.0   | 0.0 |
| 80°    | 1.0   | 0.0 | 0.0   | 0.0 |
| 77.5°  | 1.0   | 0.0 | 0.0   | 0.0 |
| 75°    | 1.0   | 1.0 | 0.0   | 0.0 |
| 72.5°  | 1.0   | 1.0 | 0.0   | 0.0 |
| 70°    | 2.1   | 1.0 | 1.0   | 0.0 |
| 67.5°  | 2.1   | 1.0 | 1.0   | 0.0 |
| 65°    | 2.1   | 1.0 | 1.0   | 0.0 |
| 62.5°  | 2.1   | 1.0 | 1.0   | 0.0 |
| 60°    | 2.1   | 1.0 | 1.0   | 0.0 |
| 57.5°  | 2.1   | 1.0 | 1.0   | 0.0 |
| 55°    | 2.1   | 1.0 | 1.0   | 0.0 |
| 52.5°  | 2.1   | 1.0 | 1.0   | 0.0 |
| 50°    | 2.1   | 1.0 | 1.0   | 0.0 |
| 47.5°  | 2.1   | 2.1 | 1.0   | 0.0 |
| 45°    | 2.1   | 2.1 | 1.0   | 0.0 |
| 42.5°  | 2.1   | 2.1 | 1.0   | 0.0 |
| 40°    | 2.1   | 2.1 | 1.0   | 0.0 |
| 37.5°  | 2.1   | 2.1 | 1.0   | 0.0 |
| 35°    | 2.1   | 2.1 | 1.0   | 0.0 |
| 32.5°  | 3.1   | 2.1 | 1.0   | 0.0 |
| 30°    | 3.1   | 2.1 | 2.1   | 0.0 |
| 27.5°  | 3.1   | 2.1 | 2.1   | 0.0 |
| 25°    | 3.1   | 2.1 | 2.1   | 0.0 |
| 22.5°  | 3.1   | 2.1 | 2.1   | 0.0 |
| 20°    | 3.1   | 2.1 | 2.1   | 0.0 |
| 17.5°  | 3.1   | 2.1 | 2.1   | 0.0 |
| 15°    | 3.1   | 2.1 | 2.1   | 0.0 |
| 12.5°  | 3.1   | 2.1 | 2.1   | 0.0 |
| 10°    | 3.1   | 2.1 | 2.1   | 0.0 |
| 7.5°   | 3.1   | 2.1 | 2.1   | 0.0 |
| 5°     | 3.1   | 2.1 | 2.1   | 0.0 |
| 2.5°   | 3.1   | 2.1 | 2.1   | 0.0 |
| 0°     | 3.1   | 2.1 | 2.1   | 0.0 |
| -2.5°  | 3.1   | 2.1 | 2.1   | 0.0 |
| -5°    | 3.1   | 2.1 | 2.1   | 0.0 |
| -7.5°  | 3.1   | 2.1 | 2.1   | 0.0 |
| -10°   | 3.1   | 2.1 | 2.1   | 0.0 |
| -12.5° | 4.1   | 2.1 | 2.1   | 0.0 |
| -15°   | 4.1   | 2.1 | 2.1   | 0.0 |
| -17.5° | 4.1   | 2.1 | 2.1   | 0.0 |
| -20°   | 4.1   | 2.1 | 2.1   | 0.0 |

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CATALOG NUMBER: IFLD-S-SA2A-730-U-11-VI

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-----|-------|-----|
| -22.5° | 4.1   | 2.1 | 2.1   | 0.0 |
| -25°   | 4.1   | 2.1 | 2.1   | 0.0 |
| -27.5° | 4.1   | 2.1 | 2.1   | 0.0 |
| -30°   | 4.1   | 2.1 | 2.1   | 0.0 |
| -32.5° | 4.1   | 2.1 | 2.1   | 0.0 |
| -35°   | 4.1   | 2.1 | 2.1   | 0.0 |
| -37.5° | 4.1   | 2.1 | 2.1   | 0.0 |
| -40°   | 4.1   | 2.1 | 2.1   | 0.0 |
| -42.5° | 3.1   | 2.1 | 1.0   | 0.0 |
| -45°   | 4.1   | 2.1 | 1.0   | 0.0 |
| -47.5° | 4.1   | 2.1 | 1.0   | 0.0 |
| -50°   | 4.1   | 2.1 | 1.0   | 0.0 |
| -52.5° | 4.1   | 2.1 | 1.0   | 0.0 |
| -55°   | 4.1   | 2.1 | 1.0   | 0.0 |
| -57.5° | 4.1   | 2.1 | 1.0   | 0.0 |
| -60°   | 4.1   | 2.1 | 1.0   | 0.0 |
| -62.5° | 4.1   | 2.1 | 1.0   | 0.0 |
| -65°   | 4.1   | 2.1 | 1.0   | 0.0 |
| -67.5° | 4.1   | 2.1 | 1.0   | 0.0 |
| -70°   | 4.1   | 1.0 | 1.0   | 0.0 |
| -72.5° | 3.1   | 1.0 | 1.0   | 0.0 |
| -75°   | 3.1   | 1.0 | 1.0   | 0.0 |
| -77.5° | 2.1   | 1.0 | 0.0   | 0.0 |
| -80°   | 2.1   | 1.0 | 0.0   | 0.0 |
| -82.5° | 2.1   | 1.0 | 0.0   | 0.0 |
| -85°   | 1.0   | 0.0 | 0.0   | 0.0 |
| -87.5° | 1.0   | 0.0 | 0.0   | 0.0 |
| -90°   | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)