

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: P723421

Luminaire Tested: **IFLD-L-SA7A-827-U-22**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P723421  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-827-U-22  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens  
Light Source: (112) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

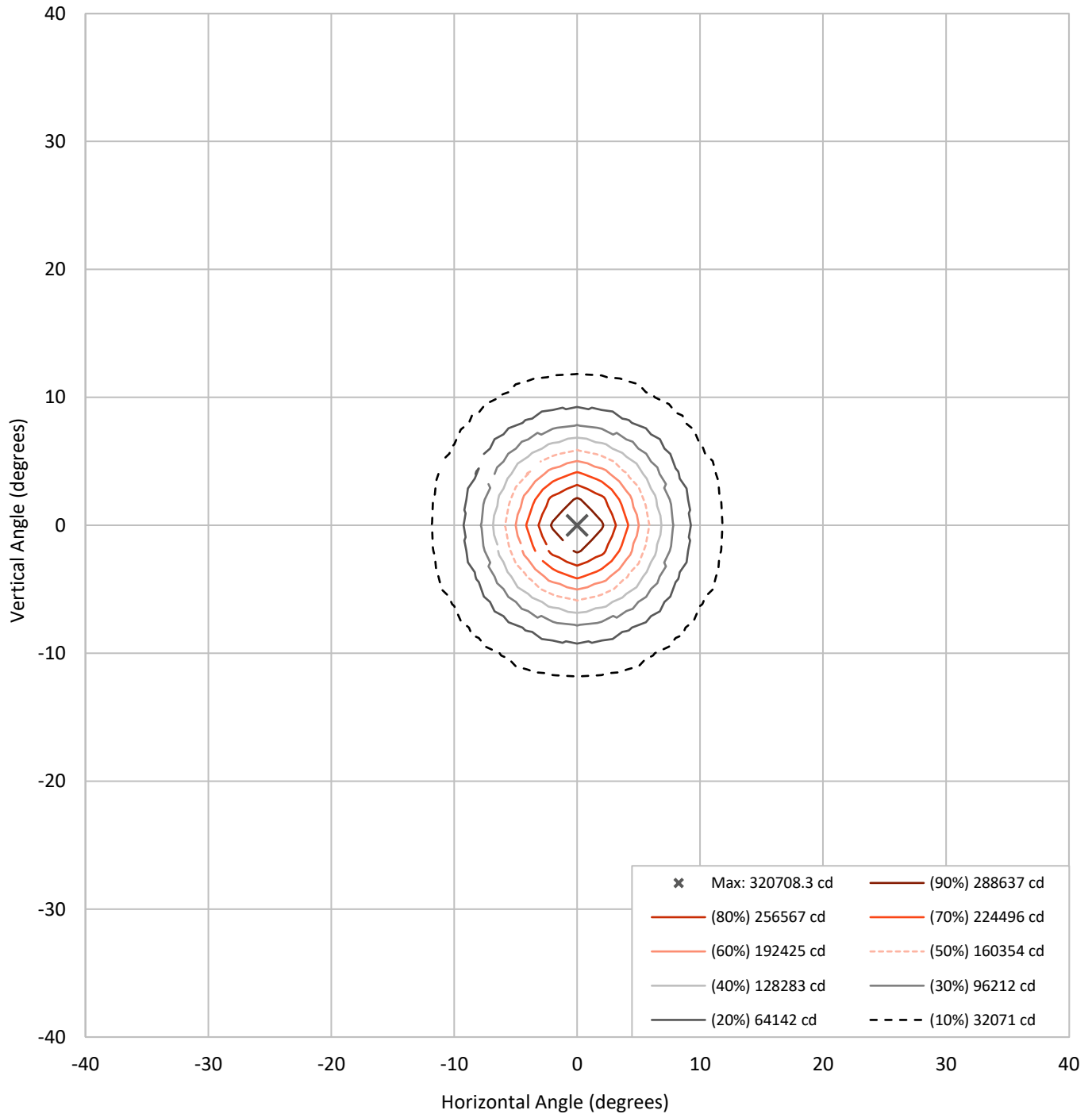
|                   |                                    |                      |                  |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 2H x 2V          |
| Luminaire Lumens: | 21475.5 lumens                     | Max Intensity:       | 320708.3 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 98.7 lumens/watt                   |                      |                  |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%): | 11.8°H x 11.8°V                    | Field Angle (10%):   | 23.7°H x 23.7°V  |
| Beam Lumens:      | 5202.1 lumens                      | Field Lumens:        | 11179.4 lumens   |
| Beam Efficiency:  | 24.2%                              | Field Efficiency:    | 52.1%            |

Input Watts (W): 217.6  
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





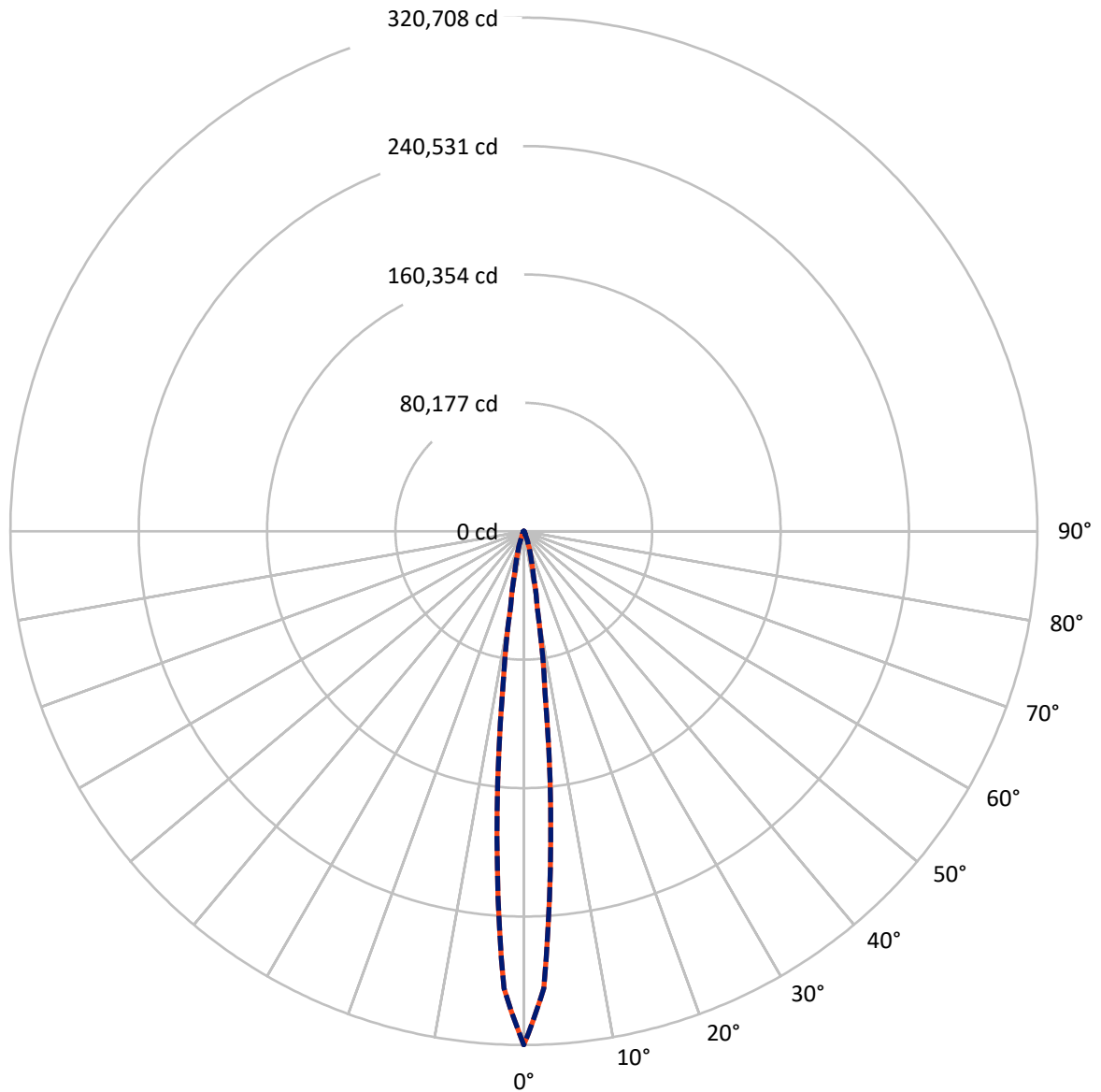
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### Lumen Table

|     |     |     |     |      |      |      |       |        |        |       |      |      |      |     |     |     |    |    |    |
|-----|-----|-----|-----|------|------|------|-------|--------|--------|-------|------|------|------|-----|-----|-----|----|----|----|
| 90  | 0.7 | 4.5 |     | 10.3 |      | 15.5 |       | 17.6   |        | 15.5  |      | 10.3 |      | 4.5 |     | 0.7 |    |    |    |
| 80  | 0.7 | 4.5 |     | 10.3 |      | 15.5 |       | 17.6   |        | 15.5  |      | 10.3 |      | 4.5 |     | 0.7 |    |    |    |
| 70  | 2.0 | 1.9 | 3.5 | 5.5  | 7.4  | 9.0  | 10.0  | 10.6   | 10.6   | 10.0  | 9.0  | 7.4  | 5.5  | 3.5 | 1.9 | 2.0 |    |    |    |
| 60  |     | 2.6 | 4.9 | 7.4  | 9.3  | 10.7 | 11.7  | 12.2   | 12.2   | 11.7  | 10.7 | 9.3  | 7.4  | 4.9 | 2.6 |     |    |    |    |
| 50  | 3.1 | 3.3 | 6.0 | 8.2  | 10.1 | 11.8 | 13.5  | 14.7   | 14.7   | 13.5  | 11.8 | 10.1 | 8.2  | 6.0 | 3.3 | 3.1 |    |    |    |
| 40  |     | 3.9 | 6.5 | 8.7  | 11.2 | 15.0 | 19.2  | 22.1   | 22.1   | 19.2  | 15.0 | 11.2 | 8.7  | 6.5 | 3.9 |     |    |    |    |
| 30  | 3.8 | 4.2 | 6.8 | 9.2  | 13.6 | 20.7 | 39.2  | 75.1   | 75.1   | 39.2  | 20.7 | 13.6 | 9.2  | 6.8 | 4.2 | 3.8 |    |    |    |
| 20  |     | 4.4 | 7.0 | 9.9  | 16.3 | 37.0 | 181.6 | 507.6  | 507.6  | 181.6 | 37.0 | 16.3 | 9.9  | 7.0 | 4.4 |     |    |    |    |
| 10  | 4.1 | 4.5 | 7.1 | 10.5 | 18.2 | 69.1 | 494.7 | 3520.4 | 3520.4 | 494.7 | 69.1 | 18.2 | 10.5 | 7.1 | 4.5 | 4.1 |    |    |    |
| 0   |     | 4.5 | 7.1 | 10.5 | 18.2 | 69.1 | 494.7 | 3520.4 | 3520.4 | 494.7 | 69.1 | 18.2 | 10.5 | 7.1 | 4.5 |     |    |    |    |
| -10 | 3.8 | 4.4 | 7.0 | 9.9  | 16.3 | 37.0 | 181.6 | 507.6  | 507.6  | 181.6 | 37.0 | 16.3 | 9.9  | 7.0 | 4.4 | 3.8 |    |    |    |
| -20 |     | 4.2 | 6.8 | 9.2  | 13.6 | 20.7 | 39.2  | 75.1   | 75.1   | 39.2  | 20.7 | 13.6 | 9.2  | 6.8 | 4.2 |     |    |    |    |
| -30 | 3.1 | 3.9 | 6.5 | 8.7  | 11.2 | 15.0 | 19.2  | 22.1   | 22.1   | 19.2  | 15.0 | 11.2 | 8.7  | 6.5 | 3.9 | 3.1 |    |    |    |
| -40 |     | 3.3 | 6.0 | 8.2  | 10.1 | 11.8 | 13.5  | 14.7   | 14.7   | 13.5  | 11.8 | 10.1 | 8.2  | 6.0 | 3.3 |     |    |    |    |
| -50 | 2.0 | 2.6 | 4.9 | 7.4  | 9.3  | 10.7 | 11.7  | 12.2   | 12.2   | 11.7  | 10.7 | 9.3  | 7.4  | 4.9 | 2.6 | 2.0 |    |    |    |
| -60 |     | 1.9 | 3.5 | 5.5  | 7.4  | 9.0  | 10.0  | 10.6   | 10.6   | 10.0  | 9.0  | 7.4  | 5.5  | 3.5 | 1.9 |     |    |    |    |
| -70 | 0.7 | 4.5 |     | 10.3 |      | 15.5 |       | 17.6   |        | 15.5  |      | 10.3 |      | 4.5 |     | 0.7 |    |    |    |
| -80 |     | 4.5 |     | 10.3 |      | 15.5 |       | 17.6   |        | 15.5  |      | 10.3 |      | 4.5 |     |     |    |    |    |
| -90 | 0.7 | 4.5 |     | 10.3 |      | 15.5 |       | 17.6   |        | 15.5  |      | 10.3 |      | 4.5 |     | 0.7 |    |    |    |
|     | -90 | -80 | -70 | -60  | -50  | -40  | -30   | -20    | -10    | 0     | 10   | 20   | 30   | 40  | 50  | 60  | 70 | 80 | 90 |

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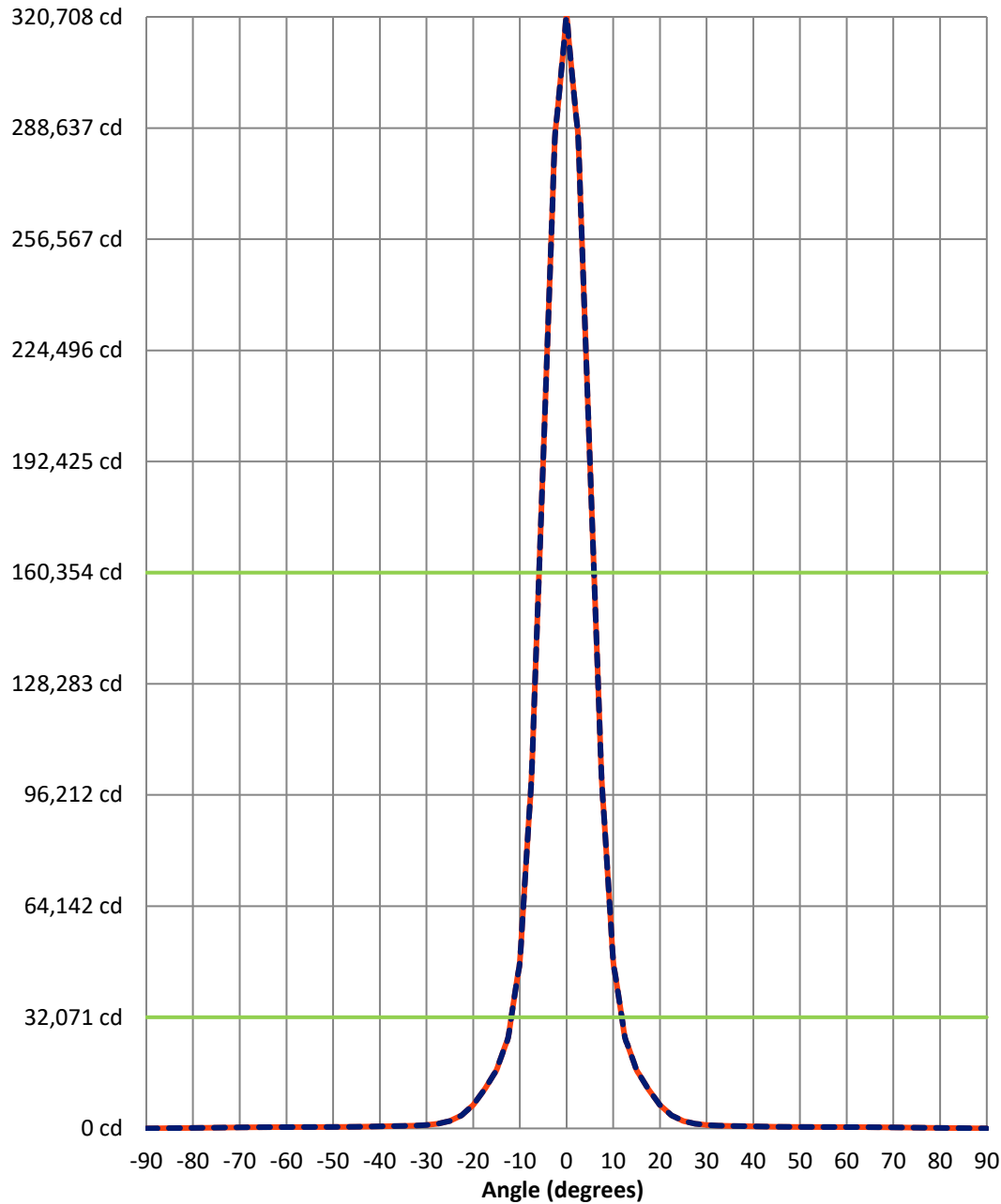
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 11.8°  
 V Angle: 11.8°  
 Lumens: 5202.1  
 Efficiency: 24.2%

**Field:**  
 H Angle: 23.7°  
 V Angle: 23.7°  
 Lumens: 11179.4  
 Efficiency: 52.1%

**Spill:**  
 Lumens: 10296  
 Efficiency: 47.9%

— 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° | 31.7     | 31.7     | 31.7     | 31.7     | 31.7    | 31.7    | 31.7    | 31.7    | 28.5   | 28.5   | 28.5   |
| 85°   | 82.4     | 82.4     | 82.4     | 82.4     | 82.4    | 79.2    | 79.2    | 79.2    | 76.1   | 76.1   | 72.9   |
| 82.5° | 110.9    | 110.9    | 110.9    | 110.9    | 110.9   | 107.8   | 107.8   | 107.8   | 104.6  | 104.6  | 101.4  |
| 80°   | 142.6    | 142.6    | 142.6    | 142.6    | 139.5   | 139.5   | 139.5   | 136.3   | 136.3  | 133.1  | 130.0  |
| 77.5° | 177.5    | 177.5    | 177.5    | 177.5    | 174.3   | 174.3   | 171.2   | 168.0   | 168.0  | 164.8  | 161.6  |
| 75°   | 215.5    | 215.5    | 215.5    | 212.4    | 212.4   | 209.2   | 206.0   | 206.0   | 202.8  | 196.5  | 193.3  |
| 72.5° | 256.7    | 256.7    | 256.7    | 253.6    | 253.6   | 250.4   | 247.2   | 244.1   | 237.7  | 234.5  | 228.2  |
| 70°   | 297.9    | 297.9    | 297.9    | 294.8    | 291.6   | 288.4   | 285.3   | 282.1   | 275.7  | 272.6  | 266.2  |
| 67.5° | 329.6    | 329.6    | 329.6    | 326.5    | 326.5   | 323.3   | 320.1   | 317.0   | 310.6  | 307.4  | 301.1  |
| 65°   | 355.0    | 355.0    | 355.0    | 351.8    | 351.8   | 348.6   | 345.5   | 342.3   | 339.1  | 336.0  | 329.6  |
| 62.5° | 374.0    | 374.0    | 374.0    | 370.8    | 370.8   | 367.7   | 367.7   | 364.5   | 361.3  | 358.2  | 351.8  |
| 60°   | 383.5    | 383.5    | 383.5    | 383.5    | 380.3   | 380.3   | 380.3   | 377.2   | 377.2  | 374.0  | 370.8  |
| 57.5° | 396.2    | 396.2    | 396.2    | 396.2    | 393.0   | 393.0   | 389.9   | 386.7   | 386.7  | 383.5  | 380.3  |
| 55°   | 402.5    | 402.5    | 402.5    | 402.5    | 402.5   | 399.4   | 399.4   | 399.4   | 396.2  | 393.0  | 389.9  |
| 52.5° | 412.0    | 412.0    | 412.0    | 412.0    | 408.9   | 408.9   | 405.7   | 405.7   | 402.5  | 399.4  | 399.4  |
| 50°   | 424.7    | 424.7    | 424.7    | 421.5    | 421.5   | 418.4   | 415.2   | 412.0   | 412.0  | 408.9  | 405.7  |
| 47.5° | 443.7    | 443.7    | 443.7    | 440.6    | 437.4   | 434.2   | 431.1   | 424.7   | 421.5  | 418.4  | 412.0  |
| 45°   | 472.3    | 472.3    | 469.1    | 465.9    | 462.8   | 456.4   | 450.1   | 443.7   | 437.4  | 431.1  | 424.7  |
| 42.5° | 529.3    | 529.3    | 523.0    | 516.6    | 507.1   | 494.4   | 481.8   | 469.1   | 459.6  | 450.1  | 440.6  |
| 40°   | 595.9    | 595.9    | 589.5    | 580.0    | 567.3   | 554.7   | 535.6   | 516.6   | 497.6  | 472.3  | 459.6  |
| 37.5° | 662.4    | 662.4    | 656.1    | 646.6    | 633.9   | 614.9   | 595.9   | 573.7   | 548.3  | 519.8  | 494.4  |
| 35°   | 713.1    | 713.1    | 706.8    | 700.5    | 687.8   | 675.1   | 656.1   | 633.9   | 605.4  | 573.7  | 542.0  |
| 32.5° | 801.9    | 801.9    | 789.2    | 773.4    | 754.3   | 729.0   | 703.6   | 684.6   | 662.4  | 627.6  | 592.7  |
| 30°   | 982.6    | 982.6    | 954.0    | 922.3    | 874.8   | 817.7   | 776.5   | 738.5   | 703.6  | 675.1  | 640.2  |
| 27.5° | 1362.9   | 1347.0   | 1299.5   | 1220.3   | 1115.7  | 982.6   | 906.5   | 820.9   | 763.9  | 713.1  | 681.4  |
| 25°   | 2148.9   | 2110.9   | 2003.1   | 1825.6   | 1581.6  | 1321.7  | 1150.5  | 969.9   | 865.3  | 779.7  | 722.7  |
| 22.5° | 3759.1   | 3673.5   | 3423.1   | 3014.2   | 2459.6  | 1965.1  | 1575.3  | 1252.0  | 1020.6 | 881.1  | 779.7  |
| 20°   | 6757.4   | 6579.9   | 6047.5   | 5191.7   | 4038.0  | 3147.3  | 2269.4  | 1727.4  | 1286.8 | 1020.6 | 865.3  |
| 17.5° | 11365.9  | 11049.0  | 10114.0  | 8614.8   | 6757.4  | 5087.1  | 3505.5  | 2437.4  | 1727.4 | 1252.0 | 969.9  |
| 15°   | 16842.9  | 16399.1  | 15106.0  | 13048.9  | 10510.1 | 7803.4  | 5448.4  | 3505.5  | 2269.4 | 1575.3 | 1150.5 |
| 12.5° | 26250.0  | 25334.0  | 22681.1  | 18548.1  | 14744.6 | 11169.4 | 7803.4  | 5087.1  | 3147.3 | 1965.1 | 1321.7 |
| 10°   | 48164.1  | 45492.2  | 37917.0  | 26449.7  | 20205.7 | 14744.6 | 10510.1 | 6757.4  | 4038.0 | 2459.6 | 1581.6 |
| 7.5°  | 101345.5 | 89469.3  | 64585.4  | 42978.8  | 26449.7 | 18548.1 | 13048.9 | 8614.8  | 5191.7 | 3014.2 | 1825.6 |
| 5°    | 192716.6 | 168457.1 | 116064.8 | 64585.4  | 37917.0 | 22681.1 | 15106.0 | 10114.0 | 6047.5 | 3423.1 | 2003.1 |
| 2.5°  | 285691.4 | 252154.7 | 168457.1 | 89469.3  | 45492.2 | 25334.0 | 16399.1 | 11049.0 | 6579.9 | 3673.5 | 2110.9 |
| 0°    | 320708.3 | 285691.4 | 192716.6 | 101345.5 | 48164.1 | 26250.0 | 16842.9 | 11365.9 | 6757.4 | 3759.1 | 2148.9 |



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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° | 28.5   | 28.5  | 25.4  | 25.4  | 25.4  | 25.4  | 22.2  | 22.2  | 22.2  | 19.0  | 19.0  |
| 85°   | 69.7   | 69.7  | 66.6  | 63.4  | 60.2  | 60.2  | 57.1  | 53.9  | 50.7  | 47.5  | 41.2  |
| 82.5° | 101.4  | 98.3  | 98.3  | 95.1  | 91.9  | 91.9  | 88.7  | 85.6  | 82.4  | 79.2  | 72.9  |
| 80°   | 126.8  | 126.8 | 123.6 | 120.4 | 117.3 | 114.1 | 107.8 | 104.6 | 101.4 | 98.3  | 95.1  |
| 77.5° | 158.5  | 155.3 | 149.0 | 145.8 | 142.6 | 136.3 | 133.1 | 126.8 | 123.6 | 117.3 | 110.9 |
| 75°   | 190.2  | 183.8 | 180.7 | 174.3 | 168.0 | 161.6 | 155.3 | 149.0 | 142.6 | 136.3 | 130.0 |
| 72.5° | 221.9  | 215.5 | 212.4 | 202.8 | 196.5 | 190.2 | 180.7 | 174.3 | 168.0 | 158.5 | 149.0 |
| 70°   | 259.9  | 253.6 | 244.1 | 237.7 | 228.2 | 218.7 | 209.2 | 199.7 | 190.2 | 180.7 | 171.2 |
| 67.5° | 294.8  | 288.4 | 278.9 | 269.4 | 259.9 | 250.4 | 237.7 | 228.2 | 215.5 | 202.8 | 193.3 |
| 65°   | 323.3  | 317.0 | 310.6 | 301.1 | 291.6 | 278.9 | 266.2 | 253.6 | 240.9 | 228.2 | 215.5 |
| 62.5° | 345.5  | 339.1 | 332.8 | 326.5 | 317.0 | 307.4 | 297.9 | 282.1 | 269.4 | 253.6 | 237.7 |
| 60°   | 364.5  | 361.3 | 355.0 | 345.5 | 339.1 | 329.6 | 320.1 | 307.4 | 294.8 | 275.7 | 259.9 |
| 57.5° | 377.2  | 374.0 | 370.8 | 364.5 | 358.2 | 348.6 | 339.1 | 326.5 | 313.8 | 301.1 | 282.1 |
| 55°   | 386.7  | 383.5 | 380.3 | 377.2 | 370.8 | 364.5 | 355.0 | 345.5 | 332.8 | 320.1 | 304.3 |
| 52.5° | 396.2  | 393.0 | 386.7 | 383.5 | 380.3 | 374.0 | 367.7 | 358.2 | 348.6 | 336.0 | 320.1 |
| 50°   | 402.5  | 399.4 | 396.2 | 393.0 | 386.7 | 380.3 | 377.2 | 370.8 | 361.3 | 348.6 | 336.0 |
| 47.5° | 408.9  | 405.7 | 402.5 | 399.4 | 396.2 | 389.9 | 383.5 | 377.2 | 370.8 | 361.3 | 348.6 |
| 45°   | 418.4  | 412.0 | 408.9 | 402.5 | 399.4 | 396.2 | 389.9 | 383.5 | 377.2 | 370.8 | 358.2 |
| 42.5° | 431.1  | 421.5 | 418.4 | 412.0 | 405.7 | 402.5 | 396.2 | 389.9 | 383.5 | 377.2 | 367.7 |
| 40°   | 446.9  | 437.4 | 427.9 | 418.4 | 412.0 | 405.7 | 402.5 | 396.2 | 389.9 | 380.3 | 374.0 |
| 37.5° | 469.1  | 453.2 | 440.6 | 427.9 | 418.4 | 412.0 | 405.7 | 399.4 | 396.2 | 386.7 | 380.3 |
| 35°   | 510.3  | 475.4 | 456.4 | 440.6 | 427.9 | 418.4 | 412.0 | 402.5 | 399.4 | 393.0 | 383.5 |
| 32.5° | 554.7  | 516.6 | 478.6 | 456.4 | 440.6 | 427.9 | 418.4 | 408.9 | 402.5 | 396.2 | 386.7 |
| 30°   | 602.2  | 557.8 | 516.6 | 475.4 | 453.2 | 437.4 | 421.5 | 412.0 | 405.7 | 399.4 | 393.0 |
| 27.5° | 646.6  | 602.2 | 554.7 | 510.3 | 469.1 | 446.9 | 431.1 | 418.4 | 408.9 | 402.5 | 396.2 |
| 25°   | 681.4  | 640.2 | 592.7 | 542.0 | 494.4 | 459.6 | 440.6 | 424.7 | 412.0 | 405.7 | 399.4 |
| 22.5° | 713.1  | 675.1 | 627.6 | 573.7 | 519.8 | 472.3 | 450.1 | 431.1 | 418.4 | 408.9 | 399.4 |
| 20°   | 763.9  | 703.6 | 662.4 | 605.4 | 548.3 | 497.6 | 459.6 | 437.4 | 421.5 | 412.0 | 402.5 |
| 17.5° | 820.9  | 738.5 | 684.6 | 633.9 | 573.7 | 516.6 | 469.1 | 443.7 | 424.7 | 412.0 | 405.7 |
| 15°   | 906.5  | 776.5 | 703.6 | 656.1 | 595.9 | 535.6 | 481.8 | 450.1 | 431.1 | 415.2 | 405.7 |
| 12.5° | 982.6  | 817.7 | 729.0 | 675.1 | 614.9 | 554.7 | 494.4 | 456.4 | 434.2 | 418.4 | 408.9 |
| 10°   | 1115.7 | 874.8 | 754.3 | 687.8 | 633.9 | 567.3 | 507.1 | 462.8 | 437.4 | 421.5 | 408.9 |
| 7.5°  | 1220.3 | 922.3 | 773.4 | 700.5 | 646.6 | 580.0 | 516.6 | 465.9 | 440.6 | 421.5 | 412.0 |
| 5°    | 1299.5 | 954.0 | 789.2 | 706.8 | 656.1 | 589.5 | 523.0 | 469.1 | 443.7 | 424.7 | 412.0 |
| 2.5°  | 1347.0 | 982.6 | 801.9 | 713.1 | 662.4 | 595.9 | 529.3 | 472.3 | 443.7 | 424.7 | 412.0 |
| 0°    | 1362.9 | 982.6 | 801.9 | 713.1 | 662.4 | 595.9 | 529.3 | 472.3 | 443.7 | 424.7 | 412.0 |





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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° | 19.0  | 15.8  | 15.8  | 15.8  | 12.7  | 12.7  | 9.5   | 9.5   | 9.5   | 6.3   | 6.3   |
| 85°   | 38.0  | 34.9  | 31.7  | 28.5  | 25.4  | 25.4  | 22.2  | 19.0  | 15.8  | 12.7  | 9.5   |
| 82.5° | 66.6  | 63.4  | 57.1  | 50.7  | 44.4  | 38.0  | 31.7  | 28.5  | 25.4  | 19.0  | 15.8  |
| 80°   | 91.9  | 85.6  | 82.4  | 72.9  | 66.6  | 57.1  | 50.7  | 41.2  | 31.7  | 28.5  | 22.2  |
| 77.5° | 107.8 | 101.4 | 95.1  | 91.9  | 85.6  | 76.1  | 66.6  | 57.1  | 47.5  | 34.9  | 28.5  |
| 75°   | 123.6 | 117.3 | 110.9 | 104.6 | 98.3  | 88.7  | 82.4  | 72.9  | 60.2  | 47.5  | 31.7  |
| 72.5° | 142.6 | 133.1 | 126.8 | 117.3 | 107.8 | 101.4 | 91.9  | 85.6  | 72.9  | 57.1  | 41.2  |
| 70°   | 161.6 | 152.1 | 139.5 | 130.0 | 120.4 | 110.9 | 101.4 | 91.9  | 82.4  | 66.6  | 50.7  |
| 67.5° | 180.7 | 168.0 | 158.5 | 145.8 | 133.1 | 123.6 | 110.9 | 101.4 | 88.7  | 76.1  | 57.1  |
| 65°   | 199.7 | 187.0 | 174.3 | 161.6 | 145.8 | 133.1 | 120.4 | 107.8 | 98.3  | 85.6  | 66.6  |
| 62.5° | 221.9 | 206.0 | 190.2 | 174.3 | 161.6 | 145.8 | 130.0 | 117.3 | 104.6 | 91.9  | 72.9  |
| 60°   | 244.1 | 225.0 | 206.0 | 190.2 | 174.3 | 158.5 | 139.5 | 126.8 | 110.9 | 95.1  | 82.4  |
| 57.5° | 263.1 | 244.1 | 225.0 | 206.0 | 187.0 | 168.0 | 152.1 | 133.1 | 117.3 | 101.4 | 85.6  |
| 55°   | 285.3 | 263.1 | 244.1 | 221.9 | 199.7 | 180.7 | 161.6 | 142.6 | 123.6 | 107.8 | 91.9  |
| 52.5° | 304.3 | 282.1 | 259.9 | 237.7 | 215.5 | 193.3 | 171.2 | 149.0 | 130.0 | 110.9 | 95.1  |
| 50°   | 320.1 | 301.1 | 275.7 | 253.6 | 228.2 | 202.8 | 180.7 | 158.5 | 136.3 | 117.3 | 98.3  |
| 47.5° | 332.8 | 313.8 | 294.8 | 269.4 | 240.9 | 215.5 | 190.2 | 168.0 | 142.6 | 123.6 | 101.4 |
| 45°   | 345.5 | 326.5 | 307.4 | 282.1 | 253.6 | 228.2 | 199.7 | 174.3 | 149.0 | 126.8 | 104.6 |
| 42.5° | 355.0 | 339.1 | 320.1 | 297.9 | 266.2 | 237.7 | 209.2 | 180.7 | 155.3 | 133.1 | 107.8 |
| 40°   | 364.5 | 348.6 | 329.6 | 307.4 | 278.9 | 250.4 | 218.7 | 190.2 | 161.6 | 136.3 | 114.1 |
| 37.5° | 370.8 | 358.2 | 339.1 | 317.0 | 291.6 | 259.9 | 228.2 | 196.5 | 168.0 | 142.6 | 117.3 |
| 35°   | 377.2 | 364.5 | 345.5 | 326.5 | 301.1 | 269.4 | 237.7 | 202.8 | 174.3 | 145.8 | 120.4 |
| 32.5° | 380.3 | 370.8 | 355.0 | 332.8 | 310.6 | 278.9 | 244.1 | 212.4 | 180.7 | 149.0 | 123.6 |
| 30°   | 383.5 | 374.0 | 361.3 | 339.1 | 317.0 | 288.4 | 253.6 | 215.5 | 183.8 | 155.3 | 126.8 |
| 27.5° | 386.7 | 377.2 | 364.5 | 345.5 | 323.3 | 294.8 | 259.9 | 221.9 | 190.2 | 158.5 | 126.8 |
| 25°   | 389.9 | 380.3 | 370.8 | 351.8 | 329.6 | 301.1 | 266.2 | 228.2 | 193.3 | 161.6 | 130.0 |
| 22.5° | 393.0 | 383.5 | 374.0 | 358.2 | 336.0 | 307.4 | 272.6 | 234.5 | 196.5 | 164.8 | 133.1 |
| 20°   | 396.2 | 386.7 | 377.2 | 361.3 | 339.1 | 310.6 | 275.7 | 237.7 | 202.8 | 168.0 | 136.3 |
| 17.5° | 399.4 | 386.7 | 377.2 | 364.5 | 342.3 | 317.0 | 282.1 | 244.1 | 206.0 | 168.0 | 136.3 |
| 15°   | 399.4 | 389.9 | 380.3 | 367.7 | 345.5 | 320.1 | 285.3 | 247.2 | 206.0 | 171.2 | 139.5 |
| 12.5° | 399.4 | 393.0 | 380.3 | 367.7 | 348.6 | 323.3 | 288.4 | 250.4 | 209.2 | 174.3 | 139.5 |
| 10°   | 402.5 | 393.0 | 380.3 | 370.8 | 351.8 | 326.5 | 291.6 | 253.6 | 212.4 | 174.3 | 139.5 |
| 7.5°  | 402.5 | 396.2 | 383.5 | 370.8 | 351.8 | 326.5 | 294.8 | 253.6 | 212.4 | 177.5 | 142.6 |
| 5°    | 402.5 | 396.2 | 383.5 | 374.0 | 355.0 | 329.6 | 297.9 | 256.7 | 215.5 | 177.5 | 142.6 |
| 2.5°  | 402.5 | 396.2 | 383.5 | 374.0 | 355.0 | 329.6 | 297.9 | 256.7 | 215.5 | 177.5 | 142.6 |
| 0°    | 402.5 | 396.2 | 383.5 | 374.0 | 355.0 | 329.6 | 297.9 | 256.7 | 215.5 | 177.5 | 142.6 |



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 CATALOG NUMBER: IFLD-L-SA7A-827-U-22

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 3.2   | 3.2  | 0.0   | 0.0 |
| 85°   | 9.5   | 6.3  | 3.2   | 0.0 |
| 82.5° | 12.7  | 9.5  | 3.2   | 0.0 |
| 80°   | 15.8  | 9.5  | 6.3   | 0.0 |
| 77.5° | 19.0  | 12.7 | 6.3   | 0.0 |
| 75°   | 25.4  | 15.8 | 9.5   | 0.0 |
| 72.5° | 28.5  | 19.0 | 9.5   | 0.0 |
| 70°   | 31.7  | 22.2 | 9.5   | 0.0 |
| 67.5° | 38.0  | 25.4 | 12.7  | 0.0 |
| 65°   | 44.4  | 25.4 | 12.7  | 0.0 |
| 62.5° | 50.7  | 28.5 | 15.8  | 0.0 |
| 60°   | 57.1  | 31.7 | 15.8  | 0.0 |
| 57.5° | 63.4  | 34.9 | 15.8  | 0.0 |
| 55°   | 66.6  | 38.0 | 19.0  | 0.0 |
| 52.5° | 72.9  | 41.2 | 19.0  | 0.0 |
| 50°   | 79.2  | 47.5 | 19.0  | 0.0 |
| 47.5° | 82.4  | 50.7 | 22.2  | 0.0 |
| 45°   | 85.6  | 53.9 | 22.2  | 0.0 |
| 42.5° | 88.7  | 57.1 | 22.2  | 0.0 |
| 40°   | 91.9  | 60.2 | 25.4  | 0.0 |
| 37.5° | 91.9  | 60.2 | 25.4  | 0.0 |
| 35°   | 95.1  | 63.4 | 25.4  | 0.0 |
| 32.5° | 98.3  | 66.6 | 25.4  | 0.0 |
| 30°   | 98.3  | 69.7 | 28.5  | 0.0 |
| 27.5° | 101.4 | 69.7 | 28.5  | 0.0 |
| 25°   | 101.4 | 72.9 | 28.5  | 0.0 |
| 22.5° | 104.6 | 76.1 | 28.5  | 0.0 |
| 20°   | 104.6 | 76.1 | 28.5  | 0.0 |
| 17.5° | 107.8 | 79.2 | 31.7  | 0.0 |
| 15°   | 107.8 | 79.2 | 31.7  | 0.0 |
| 12.5° | 107.8 | 79.2 | 31.7  | 0.0 |
| 10°   | 110.9 | 82.4 | 31.7  | 0.0 |
| 7.5°  | 110.9 | 82.4 | 31.7  | 0.0 |
| 5°    | 110.9 | 82.4 | 31.7  | 0.0 |
| 2.5°  | 110.9 | 82.4 | 31.7  | 0.0 |
| 0°    | 110.9 | 82.4 | 31.7  | 0.0 |

(END OF REPORT)