

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: P723003

Luminaire Tested: **IFLD-S-SA3D-827-U-11**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P723003  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-827-U-11  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens  
Light Source: (48) 2700K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

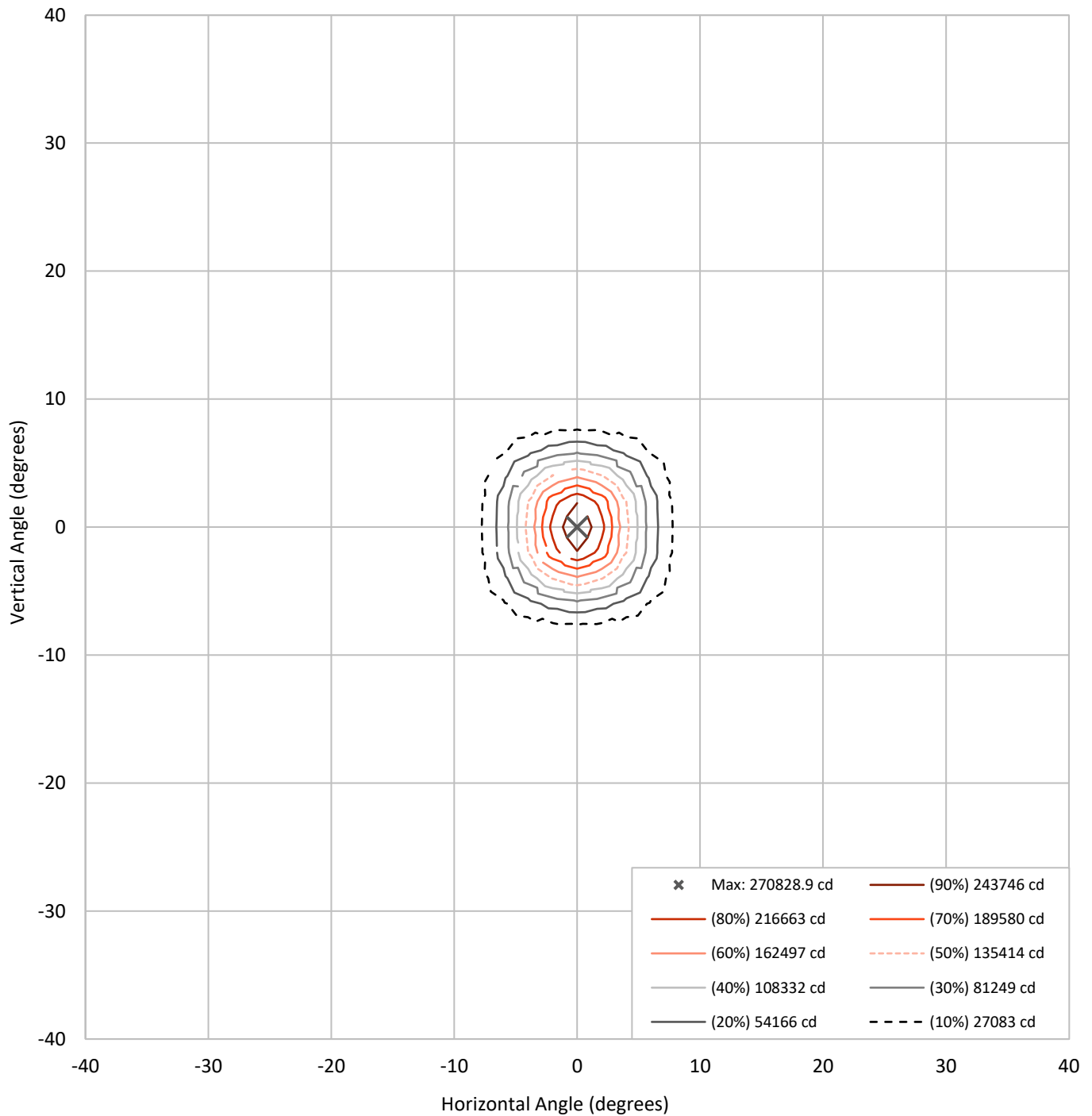
|  |                                    |
|--|------------------------------------|
| Lumens per Lamp: N/A                                     | NEMA Type: 1H x 1V                 |
| Luminaire Lumens: 9036.2 lumens                          | Max Intensity: 270828.9 candela    |
| Efficiency: N/A  | Max Intensity Angle: 0°H x 0°V     |
| Efficacy: 49.1 lumens/watt                               |                                    |
| Luminous Opening: Rectangular (W 1.5' 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: 3044.3 lumens                               | Field Lumens: 4808.7 lumens        |
| Beam Efficiency: 33.7%                                   | Field Efficiency: 53.2%            |

Input Watts (W): 184.1  
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





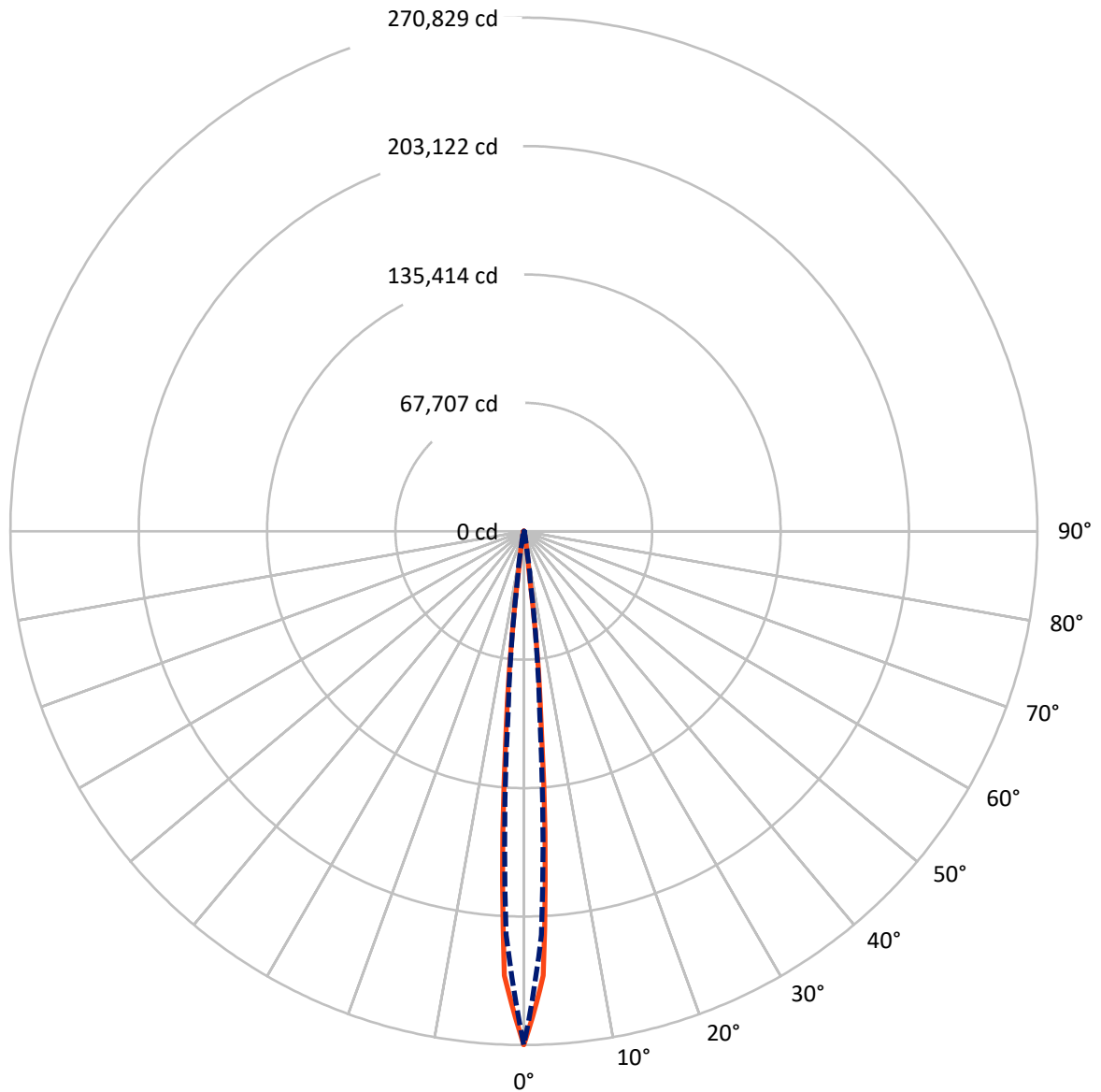
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### Lumen Table

|     |     |     |     |      |      |      |      |        |        |      |      |      |      |     |     |
|-----|-----|-----|-----|------|------|------|------|--------|--------|------|------|------|------|-----|-----|
| 90  | 0.0 | 0.4 | 1.2 | 2.8  | 4.9  | 2.8  | 1.2  | 0.4    | 0.0    |      |      |      |      |     |     |
| 80  | 0.0 | 0.4 | 1.2 | 2.8  | 4.9  | 2.8  | 1.2  | 0.4    | 0.0    |      |      |      |      |     |     |
| 70  | 0.2 | 0.2 | 0.6 | 1.3  | 1.9  | 2.4  | 3.9  | 7.2    | 7.2    | 3.9  | 2.4  | 1.9  | 1.3  | 0.6 | 0.2 |
| 60  |     | 0.5 | 1.1 | 2.3  | 3.6  | 4.7  | 6.3  | 8.8    | 8.8    | 6.3  | 4.7  | 3.6  | 2.3  | 1.1 | 0.5 |
| 50  | 0.6 | 0.8 | 1.7 | 3.5  | 5.9  | 8.7  | 11.3 | 13.9   | 13.9   | 11.3 | 8.7  | 5.9  | 3.5  | 1.7 | 0.8 |
| 40  |     | 1.3 | 2.4 | 5.0  | 9.1  | 12.2 | 13.5 | 14.4   | 14.4   | 13.5 | 12.2 | 9.1  | 5.0  | 2.4 | 1.3 |
| 30  | 1.2 | 1.9 | 3.3 | 7.1  | 11.2 | 12.8 | 16.9 | 22.6   | 22.6   | 16.9 | 12.8 | 11.2 | 7.1  | 3.3 | 1.9 |
| 20  |     | 2.5 | 4.7 | 9.3  | 12.3 | 16.4 | 33.0 | 63.4   | 63.4   | 33.0 | 16.4 | 12.3 | 9.3  | 4.7 | 2.5 |
| 10  | 1.4 | 2.8 | 5.7 | 10.6 | 12.8 | 21.6 | 65.7 | 1764.3 | 1764.3 | 65.7 | 21.6 | 12.8 | 10.6 | 5.7 | 2.8 |
| 0   |     | 2.8 | 5.7 | 10.6 | 12.8 | 21.6 | 65.7 | 1764.3 | 1764.3 | 65.7 | 21.6 | 12.8 | 10.6 | 5.7 | 2.8 |
| -10 | 1.2 | 2.5 | 4.7 | 9.3  | 12.3 | 16.4 | 33.0 | 63.4   | 63.4   | 33.0 | 16.4 | 12.3 | 9.3  | 4.7 | 2.5 |
| -20 |     | 1.9 | 3.3 | 7.1  | 11.2 | 12.8 | 16.9 | 22.6   | 22.6   | 16.9 | 12.8 | 11.2 | 7.1  | 3.3 | 1.9 |
| -30 | 0.6 | 1.3 | 2.4 | 5.0  | 9.1  | 12.2 | 13.5 | 14.4   | 14.4   | 13.5 | 12.2 | 9.1  | 5.0  | 2.4 | 1.3 |
| -40 |     | 0.8 | 1.7 | 3.5  | 5.9  | 8.7  | 11.3 | 13.9   | 13.9   | 11.3 | 8.7  | 5.9  | 3.5  | 1.7 | 0.8 |
| -50 | 0.2 | 0.5 | 1.1 | 2.3  | 3.6  | 4.7  | 6.3  | 8.8    | 8.8    | 6.3  | 4.7  | 3.6  | 2.3  | 1.1 | 0.5 |
| -60 |     | 0.2 | 0.6 | 1.3  | 1.9  | 2.4  | 3.9  | 7.2    | 7.2    | 3.9  | 2.4  | 1.9  | 1.3  | 0.6 | 0.2 |
| -70 | 0.0 | 0.4 | 1.2 | 2.8  | 4.9  | 2.8  | 1.2  | 0.4    | 0.0    |      |      |      |      |     |     |
| -80 |     | 0.4 | 1.2 | 2.8  | 4.9  | 2.8  | 1.2  | 0.4    | 0.0    |      |      |      |      |     |     |
| -90 | 0.0 | 0.4 | 1.2 | 2.8  | 4.9  | 2.8  | 1.2  | 0.4    | 0.0    |      |      |      |      |     |     |

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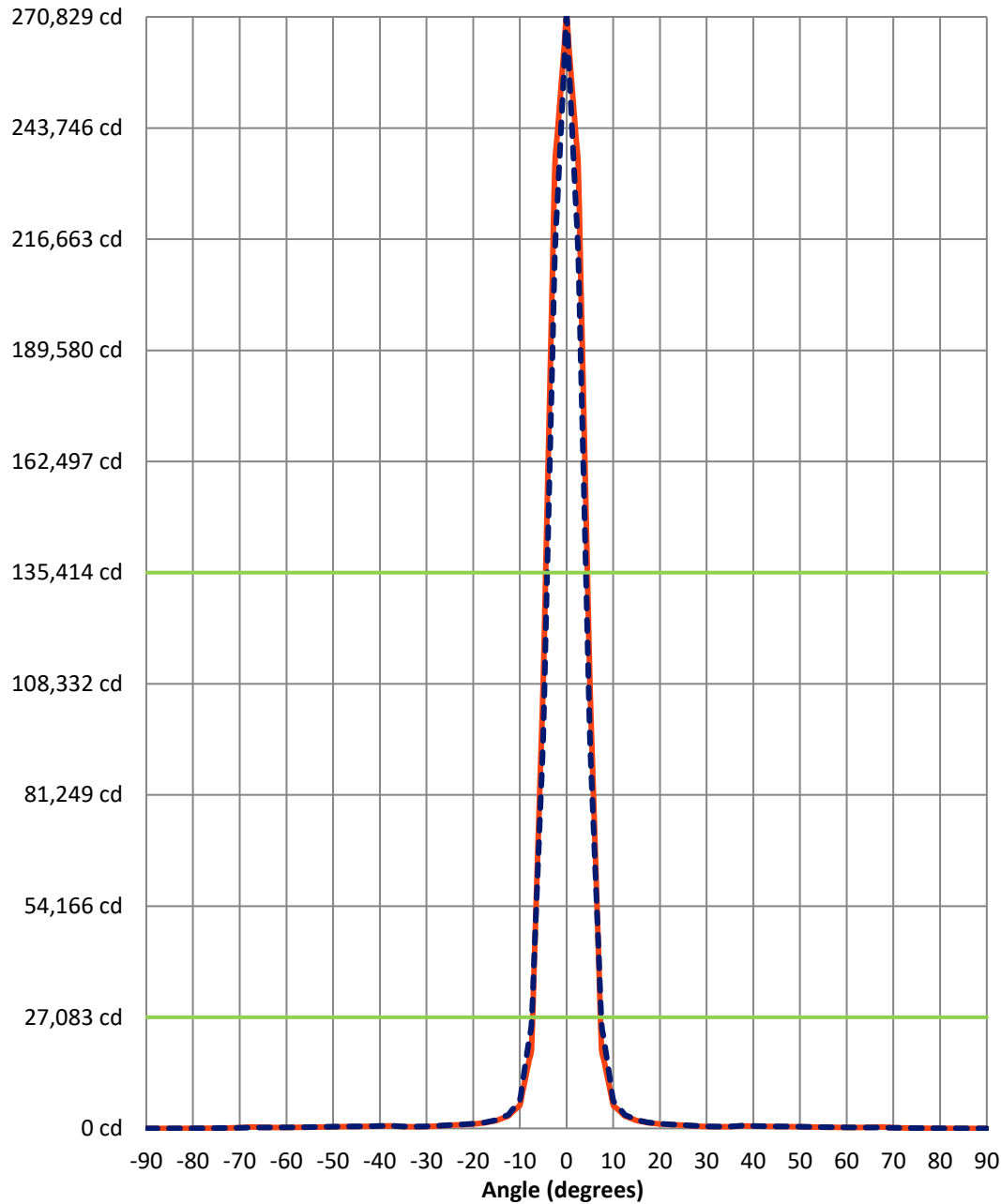
### Luminous Intensity Polar Plot



— 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: 3044.3  
Efficiency: 33.7%

**Field:**  
H Angle: 14.9°  
V Angle: 14.6°  
Lumens: 4808.7  
Efficiency: 53.2%

**Spill:**  
Lumens: 4227.5  
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°   | 2.4      | 2.4      | 2.4     | 2.4     | 2.4    | 2.4    | 2.4    | 2.4    | 2.4    | 2.4   | 2.4   |
| 82.5° | 7.1      | 7.1      | 7.1     | 7.1     | 7.1    | 7.1    | 7.1    | 4.7    | 4.7    | 4.7   | 4.7   |
| 80°   | 18.9     | 18.9     | 18.9    | 18.9    | 18.9   | 18.9   | 16.5   | 16.5   | 14.2   | 11.8  | 11.8  |
| 77.5° | 35.4     | 37.8     | 40.1    | 37.8    | 35.4   | 35.4   | 33.0   | 28.3   | 26.0   | 21.2  | 18.9  |
| 75°   | 59.0     | 63.7     | 66.1    | 63.7    | 61.4   | 59.0   | 54.3   | 47.2   | 40.1   | 33.0  | 28.3  |
| 72.5° | 106.2    | 108.6    | 108.6   | 103.9   | 96.8   | 92.1   | 85.0   | 70.8   | 59.0   | 47.2  | 40.1  |
| 70°   | 184.1    | 191.2    | 193.5   | 169.9   | 148.7  | 129.8  | 110.9  | 94.4   | 75.5   | 59.0  | 51.9  |
| 67.5° | 354.0    | 344.6    | 328.1   | 264.4   | 205.3  | 153.4  | 118.0  | 103.9  | 87.3   | 70.8  | 66.1  |
| 65°   | 266.7    | 259.6    | 250.2   | 217.2   | 184.1  | 148.7  | 125.1  | 110.9  | 99.1   | 85.0  | 82.6  |
| 62.5° | 224.2    | 224.2    | 219.5   | 198.3   | 177.0  | 151.1  | 134.5  | 125.1  | 113.3  | 101.5 | 101.5 |
| 60°   | 233.7    | 238.4    | 233.7   | 212.4   | 188.8  | 165.2  | 151.1  | 141.6  | 129.8  | 122.7 | 122.7 |
| 57.5° | 264.4    | 266.7    | 259.6   | 236.0   | 212.4  | 186.5  | 172.3  | 160.5  | 148.7  | 141.6 | 141.6 |
| 55°   | 304.5    | 302.1    | 292.7   | 269.1   | 245.5  | 219.5  | 205.3  | 188.8  | 172.3  | 165.2 | 165.2 |
| 52.5° | 342.2    | 344.6    | 335.2   | 313.9   | 288.0  | 262.0  | 245.5  | 224.2  | 205.3  | 198.3 | 193.5 |
| 50°   | 396.5    | 398.9    | 391.8   | 370.6   | 349.3  | 323.4  | 297.4  | 269.1  | 247.8  | 238.4 | 229.0 |
| 47.5° | 443.7    | 443.7    | 436.7   | 422.5   | 406.0  | 382.4  | 354.0  | 328.1  | 304.5  | 288.0 | 271.4 |
| 45°   | 465.0    | 465.0    | 460.3   | 453.2   | 443.7  | 422.5  | 394.2  | 365.9  | 349.3  | 339.9 | 325.7 |
| 42.5° | 502.8    | 502.8    | 490.9   | 476.8   | 465.0  | 443.7  | 417.8  | 387.1  | 382.4  | 372.9 | 363.5 |
| 40°   | 564.1    | 542.9    | 524.0   | 507.5   | 488.6  | 465.0  | 441.4  | 420.1  | 410.7  | 398.9 | 389.5 |
| 37.5° | 620.8    | 592.4    | 564.1   | 538.2   | 516.9  | 498.0  | 467.3  | 450.8  | 439.0  | 424.9 | 415.4 |
| 35°   | 427.2    | 417.8    | 429.6   | 443.7   | 465.0  | 498.0  | 519.3  | 495.7  | 469.7  | 453.2 | 441.4 |
| 32.5° | 408.3    | 408.3    | 410.7   | 410.7   | 406.0  | 403.6  | 424.9  | 474.4  | 524.0  | 498.0 | 474.4 |
| 30°   | 453.2    | 462.6    | 465.0   | 460.3   | 443.7  | 422.5  | 410.7  | 408.3  | 431.9  | 500.4 | 519.3 |
| 27.5° | 585.4    | 592.4    | 587.7   | 571.2   | 535.8  | 486.2  | 455.5  | 422.5  | 415.4  | 415.4 | 490.9 |
| 25°   | 793.1    | 790.7    | 771.8   | 734.1   | 679.8  | 613.7  | 547.6  | 479.1  | 443.7  | 422.5 | 420.1 |
| 22.5° | 911.1    | 911.1    | 896.9   | 875.7   | 840.3  | 774.2  | 682.1  | 590.1  | 502.8  | 453.2 | 424.9 |
| 20°   | 1071.6   | 1076.3   | 1059.8  | 1019.7  | 955.9  | 896.9  | 828.5  | 719.9  | 606.6  | 507.5 | 450.8 |
| 17.5° | 1373.7   | 1369.0   | 1331.2  | 1248.6  | 1137.7 | 1036.2 | 930.0  | 847.4  | 727.0  | 599.5 | 493.3 |
| 15°   | 1926.0   | 1911.9   | 1805.7  | 1614.5  | 1406.8 | 1227.4 | 1071.6 | 934.7  | 840.3  | 696.3 | 566.5 |
| 12.5° | 3011.8   | 2971.7   | 2683.7  | 2230.5  | 1831.6 | 1465.8 | 1234.5 | 1050.3 | 911.1  | 790.7 | 637.3 |
| 10°   | 5650.6   | 5608.1   | 4723.0  | 3262.0  | 2506.7 | 1836.3 | 1416.2 | 1161.3 | 979.5  | 859.2 | 705.7 |
| 7.5°  | 19416.1  | 16789.0  | 10392.5 | 6363.4  | 3313.9 | 2275.4 | 1649.9 | 1284.0 | 1055.1 | 901.6 | 764.7 |
| 5°    | 108700.2 | 89956.9  | 47766.0 | 13038.5 | 5254.1 | 2823.0 | 1874.1 | 1385.5 | 1107.0 | 932.3 | 800.2 |
| 2.5°  | 234496.3 | 193709.8 | 93171.6 | 23629.3 | 6474.4 | 3179.4 | 2003.9 | 1432.7 | 1133.0 | 946.5 | 821.4 |
| 0°    | 270828.9 | 212951.2 | 95159.0 | 25574.2 | 6783.6 | 3321.0 | 2060.6 | 1454.0 | 1144.8 | 955.9 | 828.5 |



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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   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   |
| 85°   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   |
| 82.5° | 4.7   | 4.7   | 4.7   | 4.7   | 4.7   | 4.7   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   |
| 80°   | 9.4   | 9.4   | 9.4   | 9.4   | 9.4   | 7.1   | 7.1   | 7.1   | 4.7   | 4.7   | 4.7   |
| 77.5° | 18.9  | 18.9  | 16.5  | 16.5  | 14.2  | 14.2  | 14.2  | 11.8  | 9.4   | 9.4   | 7.1   |
| 75°   | 28.3  | 28.3  | 28.3  | 26.0  | 23.6  | 21.2  | 21.2  | 18.9  | 16.5  | 14.2  | 14.2  |
| 72.5° | 40.1  | 40.1  | 40.1  | 37.8  | 35.4  | 33.0  | 28.3  | 26.0  | 23.6  | 21.2  | 18.9  |
| 70°   | 51.9  | 51.9  | 51.9  | 49.6  | 49.6  | 47.2  | 42.5  | 37.8  | 33.0  | 28.3  | 26.0  |
| 67.5° | 66.1  | 66.1  | 66.1  | 61.4  | 59.0  | 56.6  | 54.3  | 49.6  | 44.8  | 37.8  | 33.0  |
| 65°   | 82.6  | 82.6  | 82.6  | 75.5  | 70.8  | 68.4  | 63.7  | 59.0  | 51.9  | 47.2  | 40.1  |
| 62.5° | 103.9 | 103.9 | 99.1  | 92.1  | 85.0  | 77.9  | 73.2  | 68.4  | 61.4  | 54.3  | 47.2  |
| 60°   | 122.7 | 122.7 | 120.4 | 110.9 | 101.5 | 89.7  | 85.0  | 77.9  | 70.8  | 63.7  | 54.3  |
| 57.5° | 141.6 | 141.6 | 136.9 | 127.5 | 118.0 | 108.6 | 99.1  | 92.1  | 82.6  | 73.2  | 63.7  |
| 55°   | 162.9 | 160.5 | 153.4 | 144.0 | 134.5 | 125.1 | 118.0 | 108.6 | 99.1  | 87.3  | 73.2  |
| 52.5° | 188.8 | 181.7 | 169.9 | 160.5 | 148.7 | 139.3 | 132.2 | 122.7 | 113.3 | 99.1  | 82.6  |
| 50°   | 219.5 | 207.7 | 191.2 | 177.0 | 165.2 | 155.8 | 146.3 | 136.9 | 127.5 | 110.9 | 94.4  |
| 47.5° | 257.3 | 238.4 | 219.5 | 200.6 | 184.1 | 172.3 | 160.5 | 151.1 | 136.9 | 120.4 | 103.9 |
| 45°   | 302.1 | 273.8 | 252.6 | 229.0 | 210.1 | 191.2 | 177.0 | 165.2 | 146.3 | 127.5 | 110.9 |
| 42.5° | 347.0 | 323.4 | 292.7 | 262.0 | 238.4 | 214.8 | 195.9 | 177.0 | 158.1 | 136.9 | 118.0 |
| 40°   | 377.7 | 358.8 | 337.5 | 304.5 | 271.4 | 243.1 | 217.2 | 191.2 | 167.6 | 146.3 | 125.1 |
| 37.5° | 401.3 | 387.1 | 368.2 | 344.6 | 311.6 | 276.2 | 240.8 | 207.7 | 179.4 | 155.8 | 134.5 |
| 35°   | 427.2 | 410.7 | 391.8 | 372.9 | 347.0 | 309.2 | 264.4 | 226.6 | 193.5 | 165.2 | 146.3 |
| 32.5° | 455.5 | 431.9 | 413.1 | 391.8 | 372.9 | 342.2 | 295.0 | 247.8 | 207.7 | 179.4 | 160.5 |
| 30°   | 488.6 | 457.9 | 431.9 | 410.7 | 389.5 | 361.1 | 325.7 | 271.4 | 229.0 | 198.3 | 174.7 |
| 27.5° | 524.0 | 479.1 | 450.8 | 427.2 | 406.0 | 380.0 | 347.0 | 299.8 | 254.9 | 217.2 | 188.8 |
| 25°   | 490.9 | 514.6 | 469.7 | 443.7 | 420.1 | 394.2 | 365.9 | 335.2 | 283.2 | 240.8 | 207.7 |
| 22.5° | 422.5 | 505.1 | 502.8 | 465.0 | 436.7 | 413.1 | 396.5 | 363.5 | 316.3 | 264.4 | 224.2 |
| 20°   | 427.2 | 450.8 | 538.2 | 486.2 | 457.9 | 441.4 | 424.9 | 394.2 | 347.0 | 285.6 | 240.8 |
| 17.5° | 441.4 | 431.9 | 495.7 | 519.3 | 486.2 | 465.0 | 453.2 | 424.9 | 375.3 | 313.9 | 266.7 |
| 15°   | 479.1 | 439.0 | 457.9 | 547.6 | 512.2 | 488.6 | 481.5 | 446.1 | 401.3 | 344.6 | 292.7 |
| 12.5° | 512.2 | 450.8 | 441.4 | 528.7 | 535.8 | 509.8 | 493.3 | 462.6 | 422.5 | 370.6 | 316.3 |
| 10°   | 566.5 | 479.1 | 448.5 | 507.5 | 559.4 | 528.7 | 502.8 | 476.8 | 439.0 | 394.2 | 339.9 |
| 7.5°  | 609.0 | 495.7 | 450.8 | 490.9 | 583.0 | 542.9 | 512.2 | 483.9 | 453.2 | 413.1 | 358.8 |
| 5°    | 627.8 | 502.8 | 448.5 | 476.8 | 609.0 | 559.4 | 524.0 | 490.9 | 462.6 | 424.9 | 368.2 |
| 2.5°  | 637.3 | 505.1 | 446.1 | 465.0 | 634.9 | 580.6 | 528.7 | 490.9 | 462.6 | 427.2 | 368.2 |
| 0°    | 642.0 | 500.4 | 446.1 | 472.1 | 653.8 | 601.9 | 531.1 | 490.9 | 460.3 | 424.9 | 363.5 |





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**CANDELA DISTRIBUTION (continued):**

|       | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°  | 77.5° | 80°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 87.5° | 2.4   | 2.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 85°   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4  | 0.0   | 0.0  |
| 82.5° | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4  | 2.4   | 2.4  |
| 80°   | 4.7   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4  | 2.4   | 2.4  |
| 77.5° | 7.1   | 7.1   | 4.7   | 4.7   | 2.4   | 2.4   | 2.4   | 2.4   | 2.4  | 2.4   | 2.4  |
| 75°   | 11.8  | 9.4   | 9.4   | 7.1   | 7.1   | 4.7   | 2.4   | 2.4   | 2.4  | 2.4   | 2.4  |
| 72.5° | 16.5  | 14.2  | 11.8  | 9.4   | 9.4   | 7.1   | 4.7   | 2.4   | 2.4  | 2.4   | 2.4  |
| 70°   | 21.2  | 18.9  | 14.2  | 11.8  | 11.8  | 9.4   | 7.1   | 4.7   | 2.4  | 2.4   | 2.4  |
| 67.5° | 28.3  | 23.6  | 18.9  | 14.2  | 14.2  | 11.8  | 9.4   | 7.1   | 4.7  | 2.4   | 2.4  |
| 65°   | 35.4  | 28.3  | 23.6  | 18.9  | 16.5  | 14.2  | 11.8  | 9.4   | 7.1  | 2.4   | 2.4  |
| 62.5° | 40.1  | 35.4  | 28.3  | 23.6  | 21.2  | 16.5  | 14.2  | 11.8  | 7.1  | 4.7   | 2.4  |
| 60°   | 47.2  | 40.1  | 33.0  | 28.3  | 26.0  | 21.2  | 16.5  | 14.2  | 9.4  | 7.1   | 2.4  |
| 57.5° | 54.3  | 44.8  | 37.8  | 33.0  | 30.7  | 26.0  | 21.2  | 16.5  | 11.8 | 7.1   | 4.7  |
| 55°   | 61.4  | 51.9  | 42.5  | 40.1  | 35.4  | 30.7  | 26.0  | 18.9  | 14.2 | 9.4   | 4.7  |
| 52.5° | 68.4  | 56.6  | 49.6  | 47.2  | 42.5  | 35.4  | 28.3  | 23.6  | 16.5 | 11.8  | 7.1  |
| 50°   | 77.9  | 63.7  | 56.6  | 54.3  | 47.2  | 40.1  | 33.0  | 28.3  | 21.2 | 14.2  | 7.1  |
| 47.5° | 87.3  | 70.8  | 66.1  | 61.4  | 54.3  | 47.2  | 37.8  | 33.0  | 23.6 | 16.5  | 9.4  |
| 45°   | 94.4  | 82.6  | 75.5  | 70.8  | 61.4  | 54.3  | 44.8  | 37.8  | 26.0 | 18.9  | 9.4  |
| 42.5° | 99.1  | 92.1  | 87.3  | 80.3  | 70.8  | 59.0  | 49.6  | 42.5  | 30.7 | 21.2  | 11.8 |
| 40°   | 110.9 | 103.9 | 96.8  | 89.7  | 80.3  | 66.1  | 56.6  | 47.2  | 35.4 | 23.6  | 11.8 |
| 37.5° | 122.7 | 113.3 | 106.2 | 99.1  | 89.7  | 75.5  | 66.1  | 51.9  | 40.1 | 26.0  | 14.2 |
| 35°   | 134.5 | 125.1 | 115.7 | 108.6 | 99.1  | 87.3  | 73.2  | 59.0  | 44.8 | 28.3  | 16.5 |
| 32.5° | 146.3 | 134.5 | 125.1 | 115.7 | 110.9 | 96.8  | 80.3  | 63.7  | 49.6 | 30.7  | 16.5 |
| 30°   | 158.1 | 144.0 | 134.5 | 127.5 | 122.7 | 108.6 | 89.7  | 70.8  | 54.3 | 35.4  | 18.9 |
| 27.5° | 169.9 | 153.4 | 141.6 | 141.6 | 136.9 | 120.4 | 96.8  | 77.9  | 59.0 | 37.8  | 21.2 |
| 25°   | 181.7 | 162.9 | 158.1 | 155.8 | 153.4 | 132.2 | 106.2 | 85.0  | 61.4 | 42.5  | 21.2 |
| 22.5° | 193.5 | 179.4 | 172.3 | 169.9 | 165.2 | 144.0 | 115.7 | 89.7  | 66.1 | 44.8  | 23.6 |
| 20°   | 212.4 | 198.3 | 188.8 | 181.7 | 179.4 | 158.1 | 125.1 | 96.8  | 70.8 | 44.8  | 23.6 |
| 17.5° | 236.0 | 214.8 | 203.0 | 195.9 | 191.2 | 169.9 | 134.5 | 103.9 | 73.2 | 44.8  | 23.6 |
| 15°   | 257.3 | 233.7 | 217.2 | 207.7 | 203.0 | 184.1 | 141.6 | 106.2 | 75.5 | 44.8  | 23.6 |
| 12.5° | 278.5 | 250.2 | 231.3 | 221.9 | 214.8 | 198.3 | 148.7 | 108.6 | 75.5 | 44.8  | 23.6 |
| 10°   | 297.4 | 266.7 | 247.8 | 233.7 | 224.2 | 203.0 | 151.1 | 110.9 | 75.5 | 44.8  | 23.6 |
| 7.5°  | 313.9 | 280.9 | 254.9 | 233.7 | 224.2 | 207.7 | 151.1 | 113.3 | 75.5 | 44.8  | 26.0 |
| 5°    | 316.3 | 280.9 | 252.6 | 233.7 | 226.6 | 210.1 | 153.4 | 113.3 | 75.5 | 42.5  | 23.6 |
| 2.5°  | 318.6 | 280.9 | 252.6 | 233.7 | 226.6 | 210.1 | 153.4 | 113.3 | 75.5 | 42.5  | 23.6 |
| 0°    | 316.3 | 278.5 | 250.2 | 233.7 | 226.6 | 210.1 | 153.4 | 113.3 | 73.2 | 40.1  | 23.6 |



REPORT NUMBER: P723003  
 CATALOG NUMBER: IFLD-S-SA3D-827-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°   | 2.4   | 0.0 | 0.0   | 0.0 |
| 77.5° | 2.4   | 0.0 | 0.0   | 0.0 |
| 75°   | 2.4   | 2.4 | 0.0   | 0.0 |
| 72.5° | 2.4   | 2.4 | 0.0   | 0.0 |
| 70°   | 2.4   | 2.4 | 0.0   | 0.0 |
| 67.5° | 2.4   | 2.4 | 0.0   | 0.0 |
| 65°   | 2.4   | 2.4 | 0.0   | 0.0 |
| 62.5° | 2.4   | 2.4 | 0.0   | 0.0 |
| 60°   | 2.4   | 2.4 | 0.0   | 0.0 |
| 57.5° | 2.4   | 2.4 | 2.4   | 0.0 |
| 55°   | 2.4   | 2.4 | 2.4   | 0.0 |
| 52.5° | 2.4   | 2.4 | 2.4   | 0.0 |
| 50°   | 2.4   | 2.4 | 2.4   | 0.0 |
| 47.5° | 2.4   | 2.4 | 2.4   | 0.0 |
| 45°   | 2.4   | 2.4 | 2.4   | 0.0 |
| 42.5° | 4.7   | 2.4 | 2.4   | 0.0 |
| 40°   | 4.7   | 2.4 | 2.4   | 0.0 |
| 37.5° | 7.1   | 2.4 | 2.4   | 0.0 |
| 35°   | 7.1   | 2.4 | 2.4   | 0.0 |
| 32.5° | 7.1   | 2.4 | 2.4   | 0.0 |
| 30°   | 7.1   | 2.4 | 2.4   | 0.0 |
| 27.5° | 9.4   | 2.4 | 2.4   | 0.0 |
| 25°   | 9.4   | 2.4 | 2.4   | 0.0 |
| 22.5° | 9.4   | 2.4 | 2.4   | 0.0 |
| 20°   | 9.4   | 2.4 | 2.4   | 0.0 |
| 17.5° | 9.4   | 2.4 | 2.4   | 0.0 |
| 15°   | 11.8  | 2.4 | 2.4   | 0.0 |
| 12.5° | 11.8  | 2.4 | 2.4   | 0.0 |
| 10°   | 11.8  | 2.4 | 2.4   | 0.0 |
| 7.5°  | 11.8  | 2.4 | 2.4   | 0.0 |
| 5°    | 11.8  | 2.4 | 2.4   | 0.0 |
| 2.5°  | 11.8  | 2.4 | 2.4   | 0.0 |
| 0°    | 11.8  | 2.4 | 2.4   | 0.0 |

(END OF REPORT)