

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: P722829

Luminaire Tested: **IFLD-S-SA3D-727-U-11**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722829  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-727-U-11  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens  
Light Source: (48) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

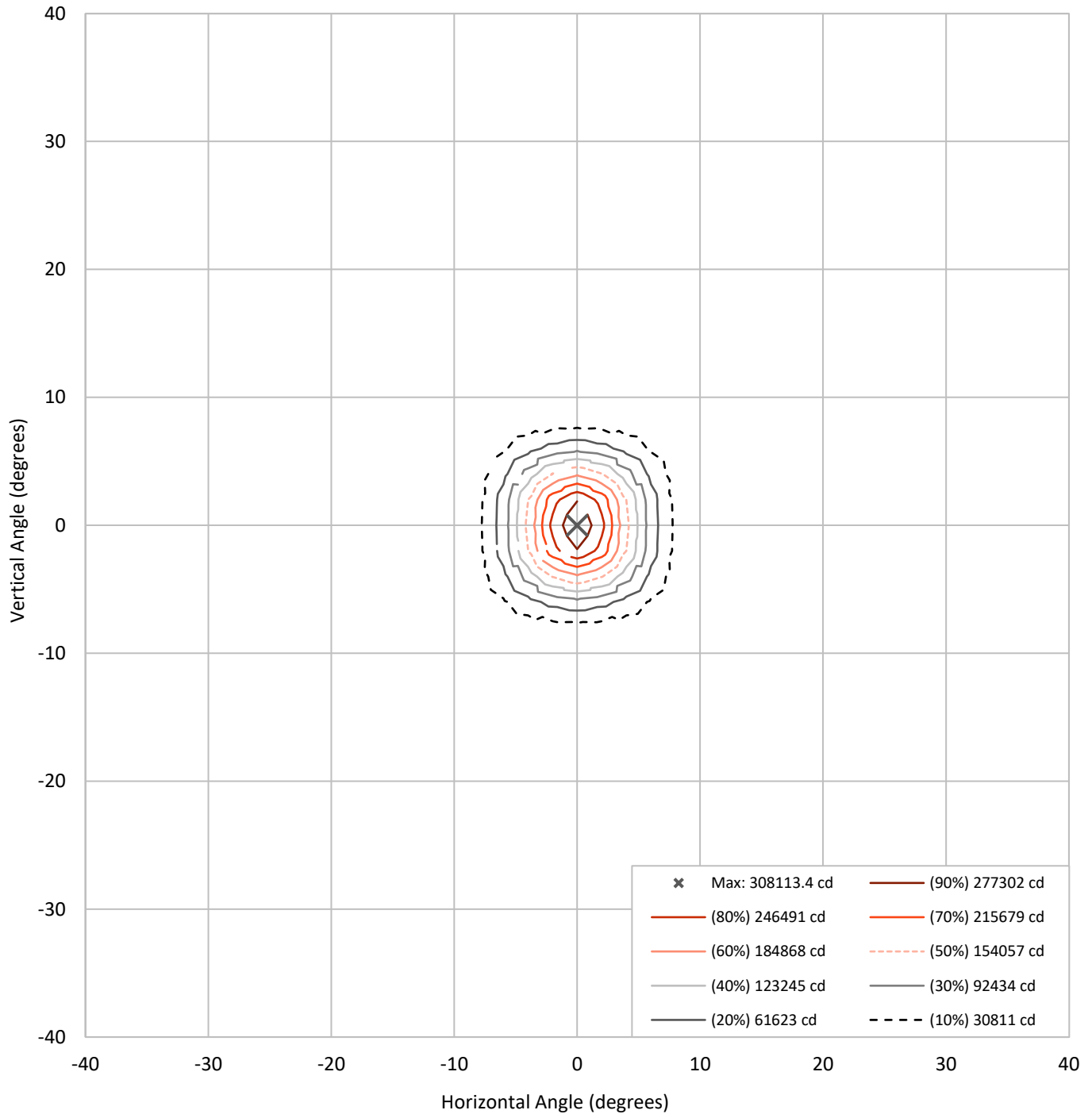
|  |                                    |
|--|------------------------------------|
| Lumens per Lamp: N/A                                     | NEMA Type: 1H x 1V                 |
| Luminaire Lumens: 10280.2 lumens                         | Max Intensity: 308113.4 candela    |
| Efficiency: N/A  | Max Intensity Angle: 0°H x 0°V     |
| Efficacy: 55.8 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: 3463.4 lumens                               | Field Lumens: 5470.7 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





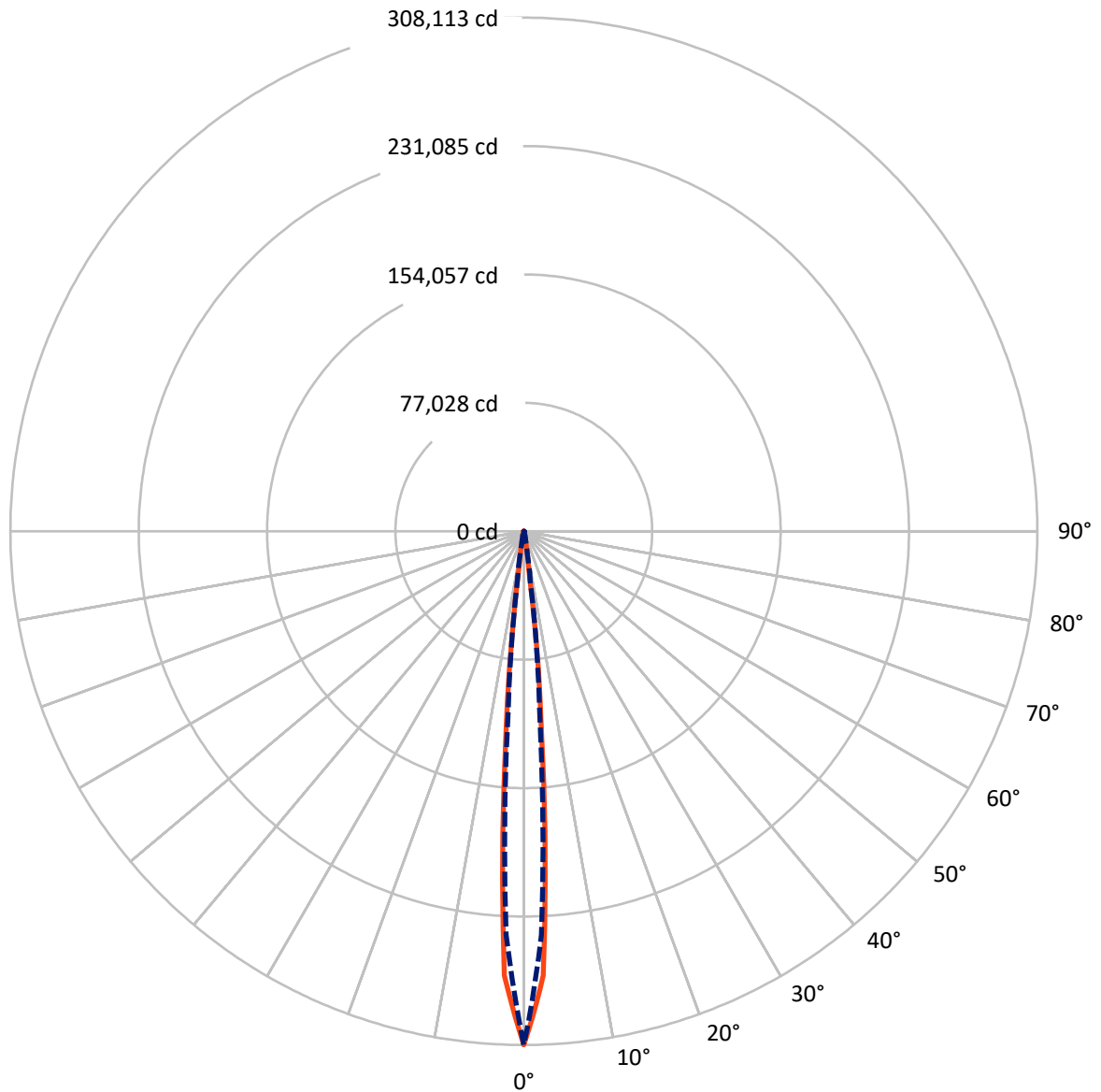
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### Lumen Table

|     |     |     |     |      |      |      |      |        |        |      |      |      |      |     |     |     |    |    |    |
|-----|-----|-----|-----|------|------|------|------|--------|--------|------|------|------|------|-----|-----|-----|----|----|----|
| 90  | 0.0 | 0.4 | 1.4 | 3.2  | 5.6  | 3.2  | 1.4  | 0.4    | 0.0    |      |      |      |      |     |     |     |    |    |    |
| 80  | 0.0 | 0.4 | 1.4 | 3.2  | 5.6  | 3.2  | 1.4  | 0.4    | 0.0    |      |      |      |      |     |     |     |    |    |    |
| 70  | 0.2 | 0.3 | 0.7 | 1.4  | 2.2  | 2.7  | 4.5  | 8.2    | 8.2    | 4.5  | 2.7  | 2.2  | 1.4  | 0.7 | 0.3 | 0.2 |    |    |    |
| 60  |     | 0.5 | 1.3 | 2.6  | 4.1  | 5.3  | 7.1  | 10.1   | 10.1   | 7.1  | 5.3  | 4.1  | 2.6  | 1.3 | 0.5 |     |    |    |    |
| 50  | 0.7 | 0.9 | 2.0 | 4.0  | 6.7  | 9.9  | 12.9 | 15.8   | 15.8   | 12.9 | 9.9  | 6.7  | 4.0  | 2.0 | 0.9 | 0.7 |    |    |    |
| 40  |     | 1.4 | 2.7 | 5.7  | 10.3 | 13.9 | 15.4 | 16.4   | 16.4   | 15.4 | 13.9 | 10.3 | 5.7  | 2.7 | 1.4 |     |    |    |    |
| 30  | 1.4 | 2.1 | 3.8 | 8.1  | 12.7 | 14.6 | 19.3 | 25.7   | 25.7   | 19.3 | 14.6 | 12.7 | 8.1  | 3.8 | 2.1 | 1.4 |    |    |    |
| 20  |     | 2.9 | 5.3 | 10.6 | 14.0 | 18.7 | 37.5 | 72.1   | 72.1   | 37.5 | 18.7 | 14.0 | 10.6 | 5.3 | 2.9 |     |    |    |    |
| 10  | 1.6 | 3.2 | 6.5 | 12.0 | 14.6 | 24.6 | 74.7 | 2007.1 | 2007.1 | 74.7 | 24.6 | 14.6 | 12.0 | 6.5 | 3.2 | 1.6 |    |    |    |
| 0   |     | 3.2 | 6.5 | 12.0 | 14.6 | 24.6 | 74.7 | 2007.1 | 2007.1 | 74.7 | 24.6 | 14.6 | 12.0 | 6.5 | 3.2 |     |    |    |    |
| -10 | 1.4 | 2.9 | 5.3 | 10.6 | 14.0 | 18.7 | 37.5 | 72.1   | 72.1   | 37.5 | 18.7 | 14.0 | 10.6 | 5.3 | 2.9 | 1.4 |    |    |    |
| -20 |     | 2.1 | 3.8 | 8.1  | 12.7 | 14.6 | 19.3 | 25.7   | 25.7   | 19.3 | 14.6 | 12.7 | 8.1  | 3.8 | 2.1 |     |    |    |    |
| -30 | 0.7 | 1.4 | 2.7 | 5.7  | 10.3 | 13.9 | 15.4 | 16.4   | 16.4   | 15.4 | 13.9 | 10.3 | 5.7  | 2.7 | 1.4 | 0.7 |    |    |    |
| -40 |     | 0.9 | 2.0 | 4.0  | 6.7  | 9.9  | 12.9 | 15.8   | 15.8   | 12.9 | 9.9  | 6.7  | 4.0  | 2.0 | 0.9 |     |    |    |    |
| -50 | 0.2 | 0.5 | 1.3 | 2.6  | 4.1  | 5.3  | 7.1  | 10.1   | 10.1   | 7.1  | 5.3  | 4.1  | 2.6  | 1.3 | 0.5 | 0.2 |    |    |    |
| -60 |     | 0.3 | 0.7 | 1.4  | 2.2  | 2.7  | 4.5  | 8.2    | 8.2    | 4.5  | 2.7  | 2.2  | 1.4  | 0.7 | 0.3 |     |    |    |    |
| -70 | 0.0 | 0.4 | 1.4 | 3.2  | 5.6  | 3.2  | 1.4  | 0.4    | 0.0    |      |      |      |      |     |     |     |    |    |    |
| -80 |     | 0.0 | 0.4 | 1.4  | 3.2  | 5.6  | 3.2  | 1.4    | 0.4    | 0.0  |      |      |      |     |     |     |    |    |    |
| -90 | 0.0 | 0.4 | 1.4 | 3.2  | 5.6  | 3.2  | 1.4  | 0.4    | 0.0    |      |      |      |      |     |     |     |    |    |    |
|     | -90 | -80 | -70 | -60  | -50  | -40  | -30  | -20    | -10    | 0    | 10   | 20   | 30   | 40  | 50  | 60  | 70 | 80 | 90 |

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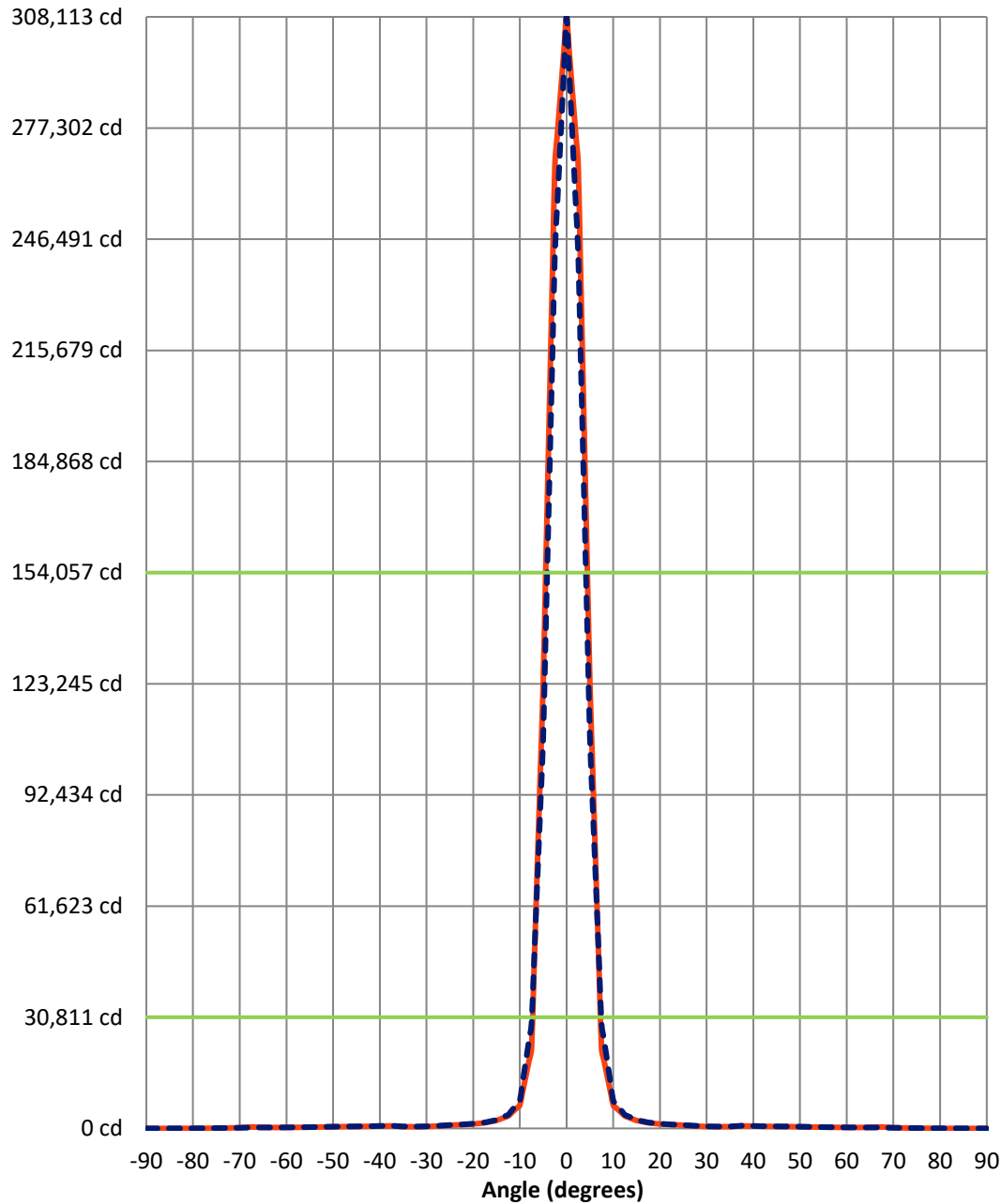
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 8.3°  
V Angle: 8.9°  
Lumens: 3463.4  
Efficiency: 33.7%

**Field:**  
H Angle: 14.9°  
V Angle: 14.6°  
Lumens: 5470.7  
Efficiency: 53.2%

**Spill:**  
Lumens: 4809.5  
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°   | 2.7      | 2.7      | 2.7      | 2.7     | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7   |
| 82.5° | 8.1      | 8.1      | 8.1      | 8.1     | 8.1    | 8.1    | 8.1    | 5.4    | 5.4    | 5.4    | 5.4   |
| 80°   | 21.5     | 21.5     | 21.5     | 21.5    | 21.5   | 21.5   | 18.8   | 18.8   | 16.1   | 13.4   | 13.4  |
| 77.5° | 40.3     | 43.0     | 45.6     | 43.0    | 40.3   | 40.3   | 37.6   | 32.2   | 29.5   | 24.2   | 21.5  |
| 75°   | 67.1     | 72.5     | 75.2     | 72.5    | 69.8   | 67.1   | 61.8   | 53.7   | 45.6   | 37.6   | 32.2  |
| 72.5° | 120.8    | 123.5    | 123.5    | 118.2   | 110.1  | 104.7  | 96.7   | 80.6   | 67.1   | 53.7   | 45.6  |
| 70°   | 209.5    | 217.5    | 220.2    | 193.3   | 169.2  | 147.7  | 126.2  | 107.4  | 85.9   | 67.1   | 59.1  |
| 67.5° | 402.8    | 392.0    | 373.3    | 300.8   | 233.6  | 174.5  | 134.3  | 118.2  | 99.4   | 80.6   | 75.2  |
| 65°   | 303.4    | 295.4    | 284.6    | 247.0   | 209.5  | 169.2  | 142.3  | 126.2  | 112.8  | 96.7   | 94.0  |
| 62.5° | 255.1    | 255.1    | 249.7    | 225.6   | 201.4  | 171.9  | 153.1  | 142.3  | 128.9  | 115.5  | 115.5 |
| 60°   | 265.8    | 271.2    | 265.8    | 241.7   | 214.8  | 188.0  | 171.9  | 161.1  | 147.7  | 139.6  | 139.6 |
| 57.5° | 300.8    | 303.4    | 295.4    | 268.5   | 241.7  | 212.1  | 196.0  | 182.6  | 169.2  | 161.1  | 161.1 |
| 55°   | 346.4    | 343.7    | 333.0    | 306.1   | 279.3  | 249.7  | 233.6  | 214.8  | 196.0  | 188.0  | 188.0 |
| 52.5° | 389.4    | 392.0    | 381.3    | 357.1   | 327.6  | 298.1  | 279.3  | 255.1  | 233.6  | 225.6  | 220.2 |
| 50°   | 451.1    | 453.8    | 445.8    | 421.6   | 397.4  | 367.9  | 338.3  | 306.1  | 282.0  | 271.2  | 260.5 |
| 47.5° | 504.8    | 504.8    | 496.8    | 480.7   | 461.9  | 435.0  | 402.8  | 373.3  | 346.4  | 327.6  | 308.8 |
| 45°   | 529.0    | 529.0    | 523.6    | 515.6   | 504.8  | 480.7  | 448.4  | 416.2  | 397.4  | 386.7  | 370.6 |
| 42.5° | 572.0    | 572.0    | 558.5    | 542.4   | 529.0  | 504.8  | 475.3  | 440.4  | 435.0  | 424.3  | 413.5 |
| 40°   | 641.8    | 617.6    | 596.1    | 577.3   | 555.9  | 529.0  | 502.1  | 478.0  | 467.2  | 453.8  | 443.1 |
| 37.5° | 706.2    | 674.0    | 641.8    | 612.2   | 588.1  | 566.6  | 531.7  | 512.9  | 499.5  | 483.3  | 472.6 |
| 35°   | 486.0    | 475.3    | 488.7    | 504.8   | 529.0  | 566.6  | 590.8  | 563.9  | 534.4  | 515.6  | 502.1 |
| 32.5° | 464.6    | 464.6    | 467.2    | 467.2   | 461.9  | 459.2  | 483.3  | 539.7  | 596.1  | 566.6  | 539.7 |
| 30°   | 515.6    | 526.3    | 529.0    | 523.6   | 504.8  | 480.7  | 467.2  | 464.6  | 491.4  | 569.3  | 590.8 |
| 27.5° | 665.9    | 674.0    | 668.6    | 649.8   | 609.6  | 553.2  | 518.3  | 480.7  | 472.6  | 472.6  | 558.5 |
| 25°   | 902.3    | 899.6    | 878.1    | 835.1   | 773.4  | 698.2  | 623.0  | 545.1  | 504.8  | 480.7  | 478.0 |
| 22.5° | 1036.5   | 1036.5   | 1020.4   | 996.2   | 956.0  | 880.8  | 776.0  | 671.3  | 572.0  | 515.6  | 483.3 |
| 20°   | 1219.1   | 1224.5   | 1205.7   | 1160.0  | 1087.5 | 1020.4 | 942.5  | 819.0  | 690.1  | 577.3  | 512.9 |
| 17.5° | 1562.8   | 1557.5   | 1514.5   | 1420.5  | 1294.3 | 1178.8 | 1058.0 | 964.0  | 827.1  | 682.1  | 561.2 |
| 15°   | 2191.2   | 2175.1   | 2054.2   | 1836.7  | 1600.4 | 1396.3 | 1219.1 | 1063.4 | 956.0  | 792.2  | 644.5 |
| 12.5° | 3426.4   | 3380.8   | 3053.2   | 2537.6  | 2083.8 | 1667.6 | 1404.4 | 1194.9 | 1036.5 | 899.6  | 725.0 |
| 10°   | 6428.5   | 6380.2   | 5373.2   | 3711.0  | 2851.8 | 2089.1 | 1611.2 | 1321.2 | 1114.4 | 977.4  | 802.9 |
| 7.5°  | 22089.0  | 19100.3  | 11823.3  | 7239.5  | 3770.1 | 2588.6 | 1877.0 | 1460.8 | 1200.3 | 1025.8 | 870.0 |
| 5°    | 123664.8 | 102341.1 | 54341.8  | 14833.4 | 5977.4 | 3211.6 | 2132.1 | 1576.3 | 1259.4 | 1060.7 | 910.3 |
| 2.5°  | 266779.0 | 220377.6 | 105998.4 | 26882.3 | 7365.7 | 3617.1 | 2279.8 | 1630.0 | 1288.9 | 1076.8 | 934.5 |
| 0°    | 308113.4 | 242267.9 | 108259.4 | 29094.9 | 7717.5 | 3778.2 | 2344.2 | 1654.1 | 1302.4 | 1087.5 | 942.5 |



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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   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   |
| 85°   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   |
| 82.5° | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   |
| 80°   | 10.7  | 10.7  | 10.7  | 10.7  | 10.7  | 8.1   | 8.1   | 8.1   | 5.4   | 5.4   | 5.4   |
| 77.5° | 21.5  | 21.5  | 18.8  | 18.8  | 16.1  | 16.1  | 16.1  | 13.4  | 10.7  | 10.7  | 8.1   |
| 75°   | 32.2  | 32.2  | 32.2  | 29.5  | 26.9  | 24.2  | 24.2  | 21.5  | 18.8  | 16.1  | 16.1  |
| 72.5° | 45.6  | 45.6  | 45.6  | 43.0  | 40.3  | 37.6  | 32.2  | 29.5  | 26.9  | 24.2  | 21.5  |
| 70°   | 59.1  | 59.1  | 59.1  | 56.4  | 56.4  | 53.7  | 48.3  | 43.0  | 37.6  | 32.2  | 29.5  |
| 67.5° | 75.2  | 75.2  | 75.2  | 69.8  | 67.1  | 64.4  | 61.8  | 56.4  | 51.0  | 43.0  | 37.6  |
| 65°   | 94.0  | 94.0  | 94.0  | 85.9  | 80.6  | 77.9  | 72.5  | 67.1  | 59.1  | 53.7  | 45.6  |
| 62.5° | 118.2 | 118.2 | 112.8 | 104.7 | 96.7  | 88.6  | 83.2  | 77.9  | 69.8  | 61.8  | 53.7  |
| 60°   | 139.6 | 139.6 | 136.9 | 126.2 | 115.5 | 102.0 | 96.7  | 88.6  | 80.6  | 72.5  | 61.8  |
| 57.5° | 161.1 | 161.1 | 155.7 | 145.0 | 134.3 | 123.5 | 112.8 | 104.7 | 94.0  | 83.2  | 72.5  |
| 55°   | 185.3 | 182.6 | 174.5 | 163.8 | 153.1 | 142.3 | 134.3 | 123.5 | 112.8 | 99.4  | 83.2  |
| 52.5° | 214.8 | 206.8 | 193.3 | 182.6 | 169.2 | 158.4 | 150.4 | 139.6 | 128.9 | 112.8 | 94.0  |
| 50°   | 249.7 | 236.3 | 217.5 | 201.4 | 188.0 | 177.2 | 166.5 | 155.7 | 145.0 | 126.2 | 107.4 |
| 47.5° | 292.7 | 271.2 | 249.7 | 228.2 | 209.5 | 196.0 | 182.6 | 171.9 | 155.7 | 136.9 | 118.2 |
| 45°   | 343.7 | 311.5 | 287.3 | 260.5 | 239.0 | 217.5 | 201.4 | 188.0 | 166.5 | 145.0 | 126.2 |
| 42.5° | 394.7 | 367.9 | 333.0 | 298.1 | 271.2 | 244.4 | 222.9 | 201.4 | 179.9 | 155.7 | 134.3 |
| 40°   | 429.6 | 408.2 | 384.0 | 346.4 | 308.8 | 276.6 | 247.0 | 217.5 | 190.7 | 166.5 | 142.3 |
| 37.5° | 456.5 | 440.4 | 418.9 | 392.0 | 354.5 | 314.2 | 273.9 | 236.3 | 204.1 | 177.2 | 153.1 |
| 35°   | 486.0 | 467.2 | 445.8 | 424.3 | 394.7 | 351.8 | 300.8 | 257.8 | 220.2 | 188.0 | 166.5 |
| 32.5° | 518.3 | 491.4 | 469.9 | 445.8 | 424.3 | 389.4 | 335.7 | 282.0 | 236.3 | 204.1 | 182.6 |
| 30°   | 555.9 | 520.9 | 491.4 | 467.2 | 443.1 | 410.8 | 370.6 | 308.8 | 260.5 | 225.6 | 198.7 |
| 27.5° | 596.1 | 545.1 | 512.9 | 486.0 | 461.9 | 432.3 | 394.7 | 341.0 | 290.0 | 247.0 | 214.8 |
| 25°   | 558.5 | 585.4 | 534.4 | 504.8 | 478.0 | 448.4 | 416.2 | 381.3 | 322.2 | 273.9 | 236.3 |
| 22.5° | 480.7 | 574.6 | 572.0 | 529.0 | 496.8 | 469.9 | 451.1 | 413.5 | 359.8 | 300.8 | 255.1 |
| 20°   | 486.0 | 512.9 | 612.2 | 553.2 | 520.9 | 502.1 | 483.3 | 448.4 | 394.7 | 324.9 | 273.9 |
| 17.5° | 502.1 | 491.4 | 563.9 | 590.8 | 553.2 | 529.0 | 515.6 | 483.3 | 427.0 | 357.1 | 303.4 |
| 15°   | 545.1 | 499.5 | 520.9 | 623.0 | 582.7 | 555.9 | 547.8 | 507.5 | 456.5 | 392.0 | 333.0 |
| 12.5° | 582.7 | 512.9 | 502.1 | 601.5 | 609.6 | 580.0 | 561.2 | 526.3 | 480.7 | 421.6 | 359.8 |
| 10°   | 644.5 | 545.1 | 510.2 | 577.3 | 636.4 | 601.5 | 572.0 | 542.4 | 499.5 | 448.4 | 386.7 |
| 7.5°  | 692.8 | 563.9 | 512.9 | 558.5 | 663.3 | 617.6 | 582.7 | 550.5 | 515.6 | 469.9 | 408.2 |
| 5°    | 714.3 | 572.0 | 510.2 | 542.4 | 692.8 | 636.4 | 596.1 | 558.5 | 526.3 | 483.3 | 418.9 |
| 2.5°  | 725.0 | 574.6 | 507.5 | 529.0 | 722.3 | 660.6 | 601.5 | 558.5 | 526.3 | 486.0 | 418.9 |
| 0°    | 730.4 | 569.3 | 507.5 | 537.1 | 743.8 | 684.7 | 604.2 | 558.5 | 523.6 | 483.3 | 413.5 |





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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° | 2.7   | 2.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 85°   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7  | 0.0   | 0.0  |
| 82.5° | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7  | 2.7   | 2.7  |
| 80°   | 5.4   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7  | 2.7   | 2.7  |
| 77.5° | 8.1   | 8.1   | 5.4   | 5.4   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7  | 2.7   | 2.7  |
| 75°   | 13.4  | 10.7  | 10.7  | 8.1   | 8.1   | 5.4   | 2.7   | 2.7   | 2.7  | 2.7   | 2.7  |
| 72.5° | 18.8  | 16.1  | 13.4  | 10.7  | 10.7  | 8.1   | 5.4   | 2.7   | 2.7  | 2.7   | 2.7  |
| 70°   | 24.2  | 21.5  | 16.1  | 13.4  | 13.4  | 10.7  | 8.1   | 5.4   | 2.7  | 2.7   | 2.7  |
| 67.5° | 32.2  | 26.9  | 21.5  | 16.1  | 16.1  | 13.4  | 10.7  | 8.1   | 5.4  | 2.7   | 2.7  |
| 65°   | 40.3  | 32.2  | 26.9  | 21.5  | 18.8  | 16.1  | 13.4  | 10.7  | 8.1  | 2.7   | 2.7  |
| 62.5° | 45.6  | 40.3  | 32.2  | 26.9  | 24.2  | 18.8  | 16.1  | 13.4  | 8.1  | 5.4   | 2.7  |
| 60°   | 53.7  | 45.6  | 37.6  | 32.2  | 29.5  | 24.2  | 18.8  | 16.1  | 10.7 | 8.1   | 2.7  |
| 57.5° | 61.8  | 51.0  | 43.0  | 37.6  | 34.9  | 29.5  | 24.2  | 18.8  | 13.4 | 8.1   | 5.4  |
| 55°   | 69.8  | 59.1  | 48.3  | 45.6  | 40.3  | 34.9  | 29.5  | 21.5  | 16.1 | 10.7  | 5.4  |
| 52.5° | 77.9  | 64.4  | 56.4  | 53.7  | 48.3  | 40.3  | 32.2  | 26.9  | 18.8 | 13.4  | 8.1  |
| 50°   | 88.6  | 72.5  | 64.4  | 61.8  | 53.7  | 45.6  | 37.6  | 32.2  | 24.2 | 16.1  | 8.1  |
| 47.5° | 99.4  | 80.6  | 75.2  | 69.8  | 61.8  | 53.7  | 43.0  | 37.6  | 26.9 | 18.8  | 10.7 |
| 45°   | 107.4 | 94.0  | 85.9  | 80.6  | 69.8  | 61.8  | 51.0  | 43.0  | 29.5 | 21.5  | 10.7 |
| 42.5° | 112.8 | 104.7 | 99.4  | 91.3  | 80.6  | 67.1  | 56.4  | 48.3  | 34.9 | 24.2  | 13.4 |
| 40°   | 126.2 | 118.2 | 110.1 | 102.0 | 91.3  | 75.2  | 64.4  | 53.7  | 40.3 | 26.9  | 13.4 |
| 37.5° | 139.6 | 128.9 | 120.8 | 112.8 | 102.0 | 85.9  | 75.2  | 59.1  | 45.6 | 29.5  | 16.1 |
| 35°   | 153.1 | 142.3 | 131.6 | 123.5 | 112.8 | 99.4  | 83.2  | 67.1  | 51.0 | 32.2  | 18.8 |
| 32.5° | 166.5 | 153.1 | 142.3 | 131.6 | 126.2 | 110.1 | 91.3  | 72.5  | 56.4 | 34.9  | 18.8 |
| 30°   | 179.9 | 163.8 | 153.1 | 145.0 | 139.6 | 123.5 | 102.0 | 80.6  | 61.8 | 40.3  | 21.5 |
| 27.5° | 193.3 | 174.5 | 161.1 | 161.1 | 155.7 | 136.9 | 110.1 | 88.6  | 67.1 | 43.0  | 24.2 |
| 25°   | 206.8 | 185.3 | 179.9 | 177.2 | 174.5 | 150.4 | 120.8 | 96.7  | 69.8 | 48.3  | 24.2 |
| 22.5° | 220.2 | 204.1 | 196.0 | 193.3 | 188.0 | 163.8 | 131.6 | 102.0 | 75.2 | 51.0  | 26.9 |
| 20°   | 241.7 | 225.6 | 214.8 | 206.8 | 204.1 | 179.9 | 142.3 | 110.1 | 80.6 | 51.0  | 26.9 |
| 17.5° | 268.5 | 244.4 | 230.9 | 222.9 | 217.5 | 193.3 | 153.1 | 118.2 | 83.2 | 51.0  | 26.9 |
| 15°   | 292.7 | 265.8 | 247.0 | 236.3 | 230.9 | 209.5 | 161.1 | 120.8 | 85.9 | 51.0  | 26.9 |
| 12.5° | 316.9 | 284.6 | 263.2 | 252.4 | 244.4 | 225.6 | 169.2 | 123.5 | 85.9 | 51.0  | 26.9 |
| 10°   | 338.3 | 303.4 | 282.0 | 265.8 | 255.1 | 230.9 | 171.9 | 126.2 | 85.9 | 51.0  | 26.9 |
| 7.5°  | 357.1 | 319.5 | 290.0 | 265.8 | 255.1 | 236.3 | 171.9 | 128.9 | 85.9 | 51.0  | 29.5 |
| 5°    | 359.8 | 319.5 | 287.3 | 265.8 | 257.8 | 239.0 | 174.5 | 128.9 | 85.9 | 48.3  | 26.9 |
| 2.5°  | 362.5 | 319.5 | 287.3 | 265.8 | 257.8 | 239.0 | 174.5 | 128.9 | 85.9 | 48.3  | 26.9 |
| 0°    | 359.8 | 316.9 | 284.6 | 265.8 | 257.8 | 239.0 | 174.5 | 128.9 | 83.2 | 45.6  | 26.9 |



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 CATALOG NUMBER: IFLD-S-SA3D-727-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°   | 2.7   | 0.0 | 0.0   | 0.0 |
| 77.5° | 2.7   | 0.0 | 0.0   | 0.0 |
| 75°   | 2.7   | 2.7 | 0.0   | 0.0 |
| 72.5° | 2.7   | 2.7 | 0.0   | 0.0 |
| 70°   | 2.7   | 2.7 | 0.0   | 0.0 |
| 67.5° | 2.7   | 2.7 | 0.0   | 0.0 |
| 65°   | 2.7   | 2.7 | 0.0   | 0.0 |
| 62.5° | 2.7   | 2.7 | 0.0   | 0.0 |
| 60°   | 2.7   | 2.7 | 0.0   | 0.0 |
| 57.5° | 2.7   | 2.7 | 2.7   | 0.0 |
| 55°   | 2.7   | 2.7 | 2.7   | 0.0 |
| 52.5° | 2.7   | 2.7 | 2.7   | 0.0 |
| 50°   | 2.7   | 2.7 | 2.7   | 0.0 |
| 47.5° | 2.7   | 2.7 | 2.7   | 0.0 |
| 45°   | 2.7   | 2.7 | 2.7   | 0.0 |
| 42.5° | 5.4   | 2.7 | 2.7   | 0.0 |
| 40°   | 5.4   | 2.7 | 2.7   | 0.0 |
| 37.5° | 8.1   | 2.7 | 2.7   | 0.0 |
| 35°   | 8.1   | 2.7 | 2.7   | 0.0 |
| 32.5° | 8.1   | 2.7 | 2.7   | 0.0 |
| 30°   | 8.1   | 2.7 | 2.7   | 0.0 |
| 27.5° | 10.7  | 2.7 | 2.7   | 0.0 |
| 25°   | 10.7  | 2.7 | 2.7   | 0.0 |
| 22.5° | 10.7  | 2.7 | 2.7   | 0.0 |
| 20°   | 10.7  | 2.7 | 2.7   | 0.0 |
| 17.5° | 10.7  | 2.7 | 2.7   | 0.0 |
| 15°   | 13.4  | 2.7 | 2.7   | 0.0 |
| 12.5° | 13.4  | 2.7 | 2.7   | 0.0 |
| 10°   | 13.4  | 2.7 | 2.7   | 0.0 |
| 7.5°  | 13.4  | 2.7 | 2.7   | 0.0 |
| 5°    | 13.4  | 2.7 | 2.7   | 0.0 |
| 2.5°  | 13.4  | 2.7 | 2.7   | 0.0 |
| 0°    | 13.4  | 2.7 | 2.7   | 0.0 |

(END OF REPORT)