

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: P623599

Luminaire Tested: **IFLD-L-SA7A-727-U-55**

Issue Date: 11/2/2022

### Test Information

Test Method: LM-79-2019  
Report Number: P623599  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-727-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (112) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

|                   |                                    |                      |                 |
|-------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 27293.8 lumens                     | Max Intensity:       | 33354.1 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 125.4 lumens/watt                  |                      |                 |
| Luminous Opening: | Rectangular (W 2' x L: 1' 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:      | 13565.7 lumens  | Field Lumens:      | 17642.6 lumens  |
| Beam Efficiency:  | 49.7%           | Field Efficiency:  | 64.6%           |

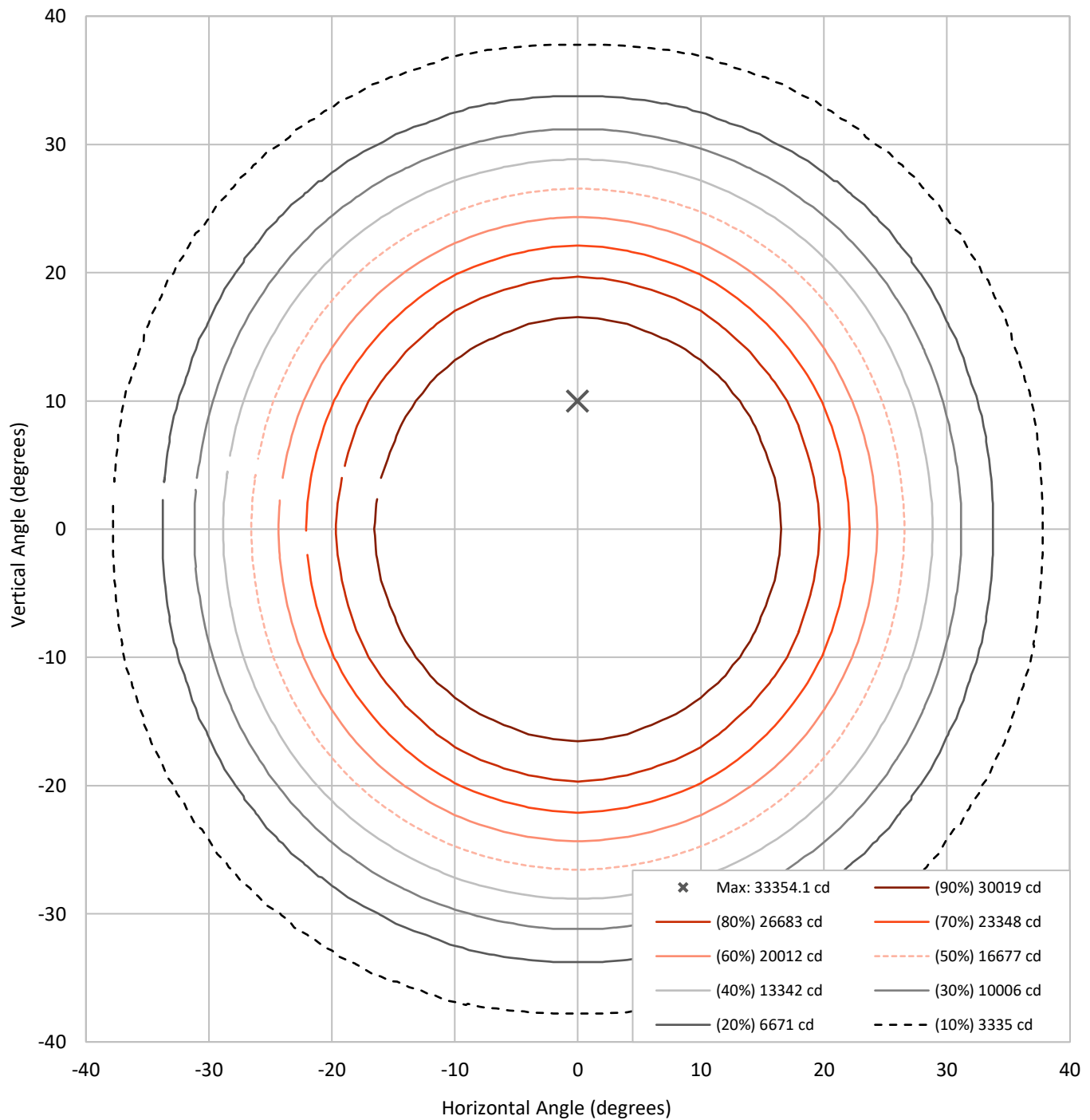
Input Watts (W): 217.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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## Iso-Candela Plot



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## Lumen Table

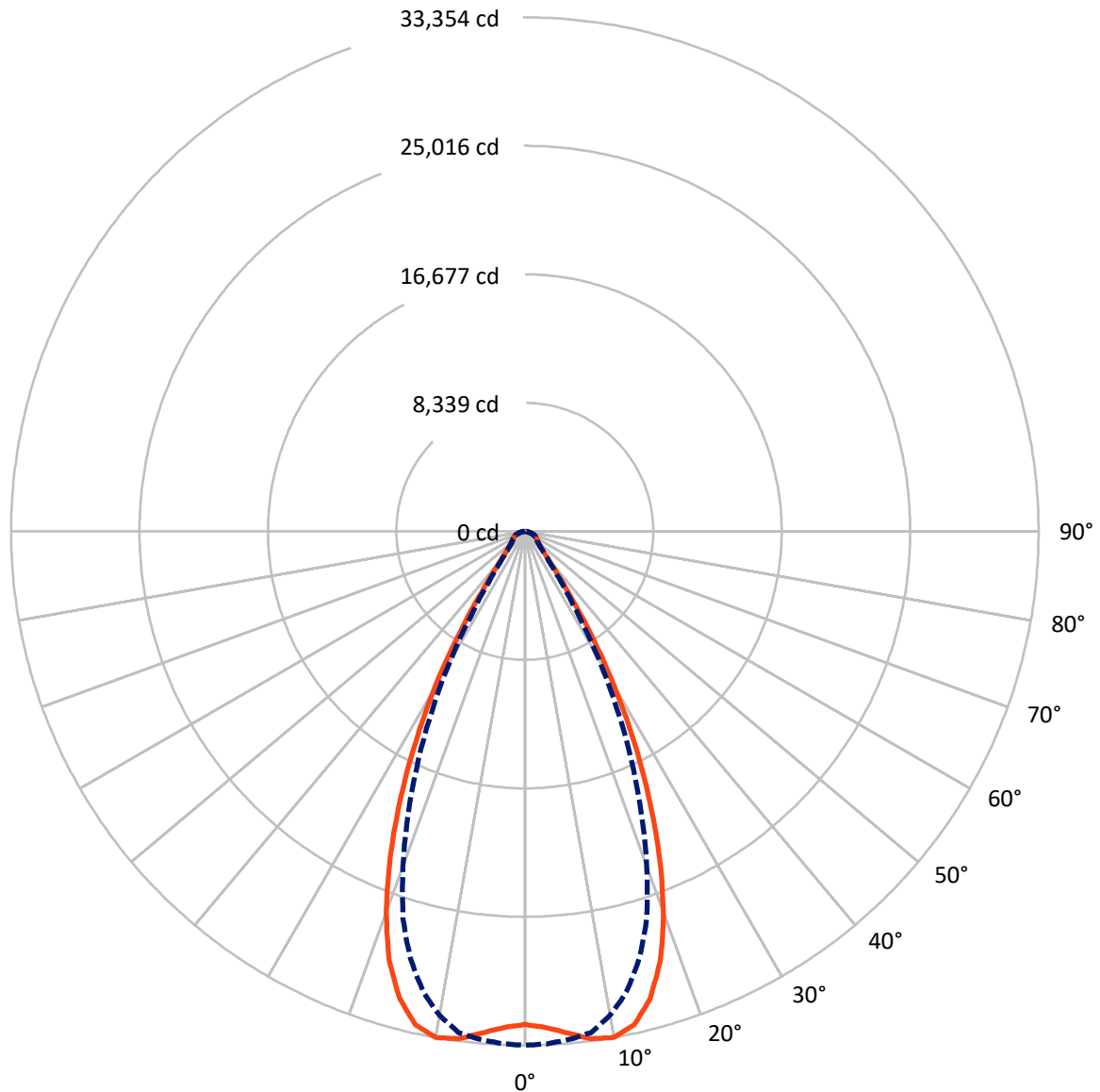
|     |     |  |     |      |      |       |       |       |       |       |       |       |       |      |      |     |     |  |
|-----|-----|--|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|--|
| 90  |     |  |     |      |      |       |       |       |       |       |       |       |       |      |      |     |     |  |
| 80  | 0.8 |  | 6.0 |      | 15.6 |       | 25.2  |       | 29.2  |       | 25.2  |       | 15.6  |      | 6.0  |     | 0.8 |  |
| 70  | 2.7 |  | 3.0 | 6.2  | 10.2 | 14.3  | 17.9  | 20.5  | 21.9  | 21.9  | 20.5  | 17.9  | 14.3  | 10.2 | 6.2  | 3.0 | 2.7 |  |
| 60  |     |  | 4.6 | 9.4  | 15.0 | 20.1  | 24.4  | 27.7  | 29.6  | 29.6  | 27.7  | 24.4  | 20.1  | 15.0 | 9.4  | 4.6 |     |  |
| 50  | 4.8 |  | 6.2 | 12.2 | 18.4 | 24.7  | 32.0  | 40.5  | 47.0  | 47.0  | 40.5  | 32.0  | 24.7  | 18.4 | 12.2 | 6.2 | 4.8 |  |
| 40  |     |  | 7.5 | 14.1 | 21.4 | 32.4  | 57.7  | 112.7 | 169.9 | 169.9 | 112.7 | 57.7  | 32.4  | 21.4 | 14.1 | 7.5 |     |  |
| 30  | 6.5 |  | 8.4 | 15.5 | 25.0 | 52.3  | 166.8 | 386.4 | 548.4 | 548.4 | 386.4 | 166.8 | 52.3  | 25.0 | 15.5 | 8.4 | 6.5 |  |
| 20  |     |  | 9.1 | 16.6 | 29.8 | 96.6  | 364.0 | 712.1 | 907.8 | 907.8 | 712.1 | 364.0 | 96.6  | 29.8 | 16.6 | 9.1 |     |  |
| 10  | 7.0 |  | 9.4 | 17.1 | 33.7 | 141.8 | 501.4 | 881.0 | 999.1 | 999.1 | 881.0 | 501.4 | 141.8 | 33.7 | 17.1 | 9.4 | 7.0 |  |
| 0   |     |  | 9.4 | 17.1 | 33.7 | 141.8 | 501.4 | 881.0 | 999.1 | 999.1 | 881.0 | 501.4 | 141.8 | 33.7 | 17.1 | 9.4 |     |  |
| -10 | 6.5 |  | 9.1 | 16.6 | 29.8 | 96.6  | 364.0 | 712.1 | 907.8 | 907.8 | 712.1 | 364.0 | 96.6  | 29.8 | 16.6 | 9.1 | 6.5 |  |
| -20 |     |  | 8.4 | 15.5 | 25.0 | 52.3  | 166.8 | 386.4 | 548.4 | 548.4 | 386.4 | 166.8 | 52.3  | 25.0 | 15.5 | 8.4 |     |  |
| -30 | 4.8 |  | 7.5 | 14.1 | 21.4 | 32.4  | 57.7  | 112.7 | 169.9 | 169.9 | 112.7 | 57.7  | 32.4  | 21.4 | 14.1 | 7.5 | 4.8 |  |
| -40 |     |  | 6.2 | 12.2 | 18.4 | 24.7  | 32.0  | 40.5  | 47.0  | 47.0  | 40.5  | 32.0  | 24.7  | 18.4 | 12.2 | 6.2 |     |  |
| -50 | 2.7 |  | 4.6 | 9.4  | 15.0 | 20.1  | 24.4  | 27.7  | 29.6  | 29.6  | 27.7  | 24.4  | 20.1  | 15.0 | 9.4  | 4.6 | 2.7 |  |
| -60 |     |  | 3.0 | 6.2  | 10.2 | 14.3  | 17.9  | 20.5  | 21.9  | 21.9  | 20.5  | 17.9  | 14.3  | 10.2 | 6.2  | 3.0 |     |  |
| -70 | 0.8 |  | 6.0 |      | 15.6 |       | 25.2  |       | 29.2  |       | 25.2  |       | 15.6  |      | 6.0  |     | 0.8 |  |
| -80 |     |  | 6.0 |      | 15.6 |       | 25.2  |       | 29.2  |       | 25.2  |       | 15.6  |      | 6.0  |     |     |  |
| -90 | 0.8 |  | 6.0 |      | 15.6 |       | 25.2  |       | 29.2  |       | 25.2  |       | 15.6  |      | 6.0  |     | 0.8 |  |

Horizontal Angle (degrees)

Vertical Angle (degrees)

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## Luminous Intensity Polar Plot

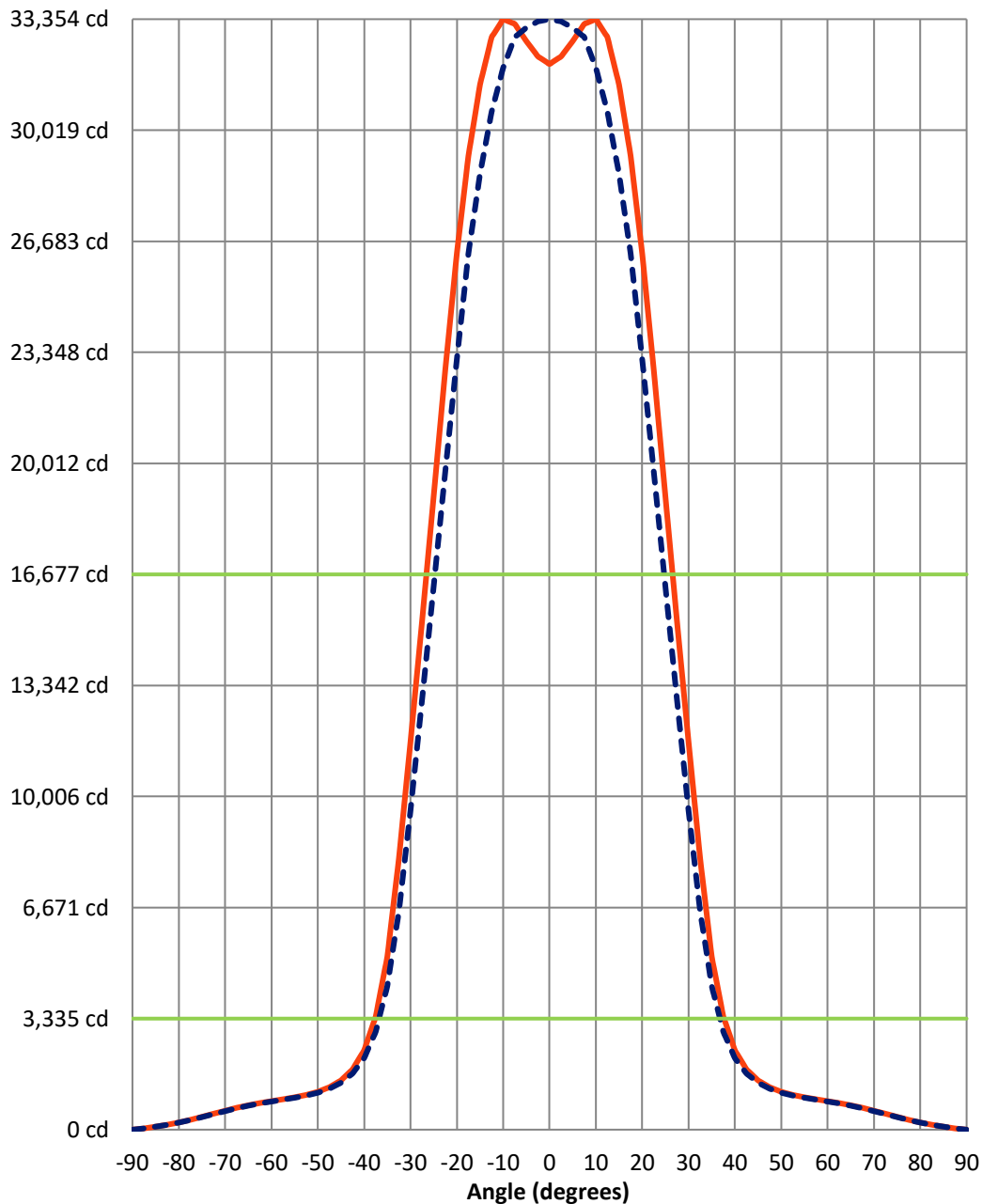


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

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## Luminous Intensity Plot



### Beam:

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 13565.7  
Efficiency: 49.7%

### Field:

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 17642.6  
Efficiency: 64.6%

### Spill:

Lumens: 9651.2  
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° | 36.9    | 36.9    | 36.9    | 36.9    | 36.9    | 36.9    | 36.9    | 34.0    | 34.0    | 34.0    | 34.0    |
| 85°   | 90.7    | 90.7    | 90.7    | 90.7    | 90.7    | 87.9    | 87.9    | 85.1    | 85.1    | 82.2    | 79.4    |
| 82.5° | 147.4   | 147.4   | 147.4   | 147.4   | 144.6   | 144.6   | 141.8   | 138.9   | 136.1   | 133.3   | 130.4   |
| 80°   | 215.5   | 215.5   | 215.5   | 215.5   | 212.6   | 209.8   | 207.0   | 204.1   | 198.5   | 195.6   | 190.0   |
| 77.5° | 294.9   | 294.9   | 294.9   | 292.0   | 289.2   | 286.4   | 280.7   | 275.0   | 269.4   | 263.7   | 258.0   |
| 75°   | 385.6   | 385.6   | 385.6   | 379.9   | 377.1   | 371.4   | 365.7   | 360.1   | 351.6   | 343.1   | 334.6   |
| 72.5° | 479.2   | 479.2   | 479.2   | 473.5   | 467.8   | 462.1   | 456.5   | 448.0   | 439.5   | 428.1   | 416.8   |
| 70°   | 567.1   | 567.1   | 567.1   | 561.4   | 555.7   | 550.0   | 541.5   | 533.0   | 521.7   | 510.3   | 499.0   |
| 67.5° | 657.8   | 657.8   | 657.8   | 649.3   | 643.6   | 637.9   | 629.4   | 618.1   | 606.7   | 592.6   | 578.4   |
| 65°   | 731.5   | 731.5   | 728.7   | 725.8   | 720.2   | 711.7   | 706.0   | 694.6   | 683.3   | 672.0   | 657.8   |
| 62.5° | 799.5   | 799.5   | 796.7   | 793.9   | 788.2   | 779.7   | 771.2   | 762.7   | 751.3   | 737.2   | 723.0   |
| 60°   | 856.3   | 856.3   | 853.4   | 850.6   | 844.9   | 839.2   | 830.7   | 822.2   | 810.9   | 799.5   | 785.4   |
| 57.5° | 913.0   | 913.0   | 910.1   | 907.3   | 901.6   | 893.1   | 884.6   | 876.1   | 864.8   | 850.6   | 836.4   |
| 55°   | 972.5   | 972.5   | 969.7   | 964.0   | 958.3   | 949.8   | 941.3   | 930.0   | 915.8   | 901.6   | 887.4   |
| 52.5° | 1043.4  | 1043.4  | 1037.7  | 1032.0  | 1023.5  | 1015.0  | 1000.8  | 986.7   | 969.7   | 952.7   | 935.6   |
| 50°   | 1136.9  | 1136.9  | 1131.3  | 1122.8  | 1108.6  | 1094.4  | 1077.4  | 1054.7  | 1034.9  | 1012.2  | 989.5   |
| 47.5° | 1275.9  | 1275.9  | 1264.5  | 1250.4  | 1230.5  | 1207.8  | 1176.6  | 1142.6  | 1114.3  | 1085.9  | 1051.9  |
| 45°   | 1480.0  | 1480.0  | 1463.0  | 1440.3  | 1409.1  | 1369.4  | 1324.1  | 1275.9  | 1227.7  | 1179.5  | 1131.3  |
| 42.5° | 1811.7  | 1811.7  | 1780.5  | 1740.9  | 1687.0  | 1618.9  | 1533.9  | 1454.5  | 1386.4  | 1309.9  | 1244.7  |
| 40°   | 2384.5  | 2384.5  | 2324.9  | 2251.2  | 2149.1  | 2018.7  | 1862.8  | 1738.0  | 1618.9  | 1485.7  | 1395.0  |
| 37.5° | 3402.3  | 3402.3  | 3286.1  | 3144.3  | 2945.8  | 2696.3  | 2395.8  | 2194.5  | 1973.3  | 1763.5  | 1610.4  |
| 35°   | 5199.9  | 5199.9  | 4975.9  | 4700.9  | 4318.1  | 3836.1  | 3322.9  | 2943.0  | 2520.6  | 2197.3  | 1911.0  |
| 32.5° | 8148.6  | 8148.6  | 7746.0  | 7249.8  | 6566.5  | 5701.7  | 4879.5  | 4156.5  | 3402.3  | 2866.5  | 2350.4  |
| 30°   | 11653.0 | 11653.0 | 11125.6 | 10476.3 | 9586.0  | 8463.3  | 7292.3  | 6007.9  | 4817.1  | 3861.6  | 3081.9  |
| 27.5° | 15276.4 | 15126.2 | 14672.5 | 13932.5 | 12917.5 | 11653.0 | 10192.8 | 8534.2  | 6923.7  | 5239.6  | 4125.3  |
| 25°   | 19024.6 | 18848.9 | 18330.0 | 17479.4 | 16317.0 | 14885.2 | 13240.7 | 11386.4 | 9398.9  | 7391.5  | 5463.6  |
| 22.5° | 22812.6 | 22614.1 | 22024.4 | 21063.2 | 19759.0 | 18154.2 | 16291.5 | 14230.2 | 12010.2 | 9690.9  | 7391.5  |
| 20°   | 26314.1 | 26104.3 | 25486.2 | 24485.4 | 23135.8 | 21375.1 | 19305.3 | 17020.1 | 14564.8 | 12010.2 | 9398.9  |
| 17.5° | 29245.8 | 29044.5 | 28449.1 | 27493.6 | 26314.1 | 24366.3 | 22214.3 | 19702.3 | 17020.1 | 14230.2 | 11386.4 |
| 15°   | 31386.4 | 31213.5 | 30706.0 | 29903.6 | 28701.4 | 26977.6 | 24785.9 | 22214.3 | 19305.3 | 16291.5 | 13240.7 |
| 12.5° | 32806.9 | 32668.0 | 32268.2 | 31644.4 | 30567.0 | 29121.0 | 26977.6 | 24366.3 | 21375.1 | 18154.2 | 14885.2 |
| 10°   | 33354.1 | 33286.0 | 33098.9 | 32812.6 | 31893.9 | 30567.0 | 28701.4 | 26314.1 | 23135.8 | 19759.0 | 16317.0 |
| 7.5°  | 33209.5 | 33232.2 | 33297.4 | 33223.7 | 32812.6 | 31644.4 | 29903.6 | 27493.6 | 24485.4 | 21063.2 | 17479.4 |
| 5°    | 32693.5 | 32815.4 | 33118.8 | 33297.4 | 33098.9 | 32268.2 | 30706.0 | 28449.1 | 25486.2 | 22024.4 | 18330.0 |
| 2.5°  | 32234.2 | 32424.1 | 32815.4 | 33232.2 | 33286.0 | 32668.0 | 31213.5 | 29044.5 | 26104.3 | 22614.1 | 18848.9 |
| 0°    | 32007.3 | 32234.2 | 32693.5 | 33209.5 | 33354.1 | 32806.9 | 31386.4 | 29245.8 | 26314.1 | 22812.6 | 19024.6 |

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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° | 34.0    | 31.2    | 31.2   | 31.2   | 28.4   | 28.4   | 28.4   | 25.5   | 25.5   | 22.7   | 22.7   |
| 85°   | 79.4    | 76.6    | 73.7   | 70.9   | 68.0   | 65.2   | 62.4   | 59.5   | 56.7   | 51.0   | 48.2   |
| 82.5° | 127.6   | 124.8   | 121.9  | 116.2  | 113.4  | 107.7  | 102.1  | 96.4   | 90.7   | 87.9   | 82.2   |
| 80°   | 184.3   | 178.6   | 173.0  | 167.3  | 158.8  | 150.3  | 144.6  | 136.1  | 130.4  | 121.9  | 116.2  |
| 77.5° | 249.5   | 241.0   | 232.5  | 221.2  | 212.6  | 204.1  | 192.8  | 184.3  | 173.0  | 161.6  | 150.3  |
| 75°   | 323.2   | 311.9   | 297.7  | 286.4  | 275.0  | 260.8  | 246.7  | 232.5  | 218.3  | 204.1  | 190.0  |
| 72.5° | 402.6   | 388.4   | 374.3  | 360.1  | 343.1  | 323.2  | 306.2  | 286.4  | 269.4  | 252.3  | 232.5  |
| 70°   | 484.8   | 467.8   | 450.8  | 433.8  | 413.9  | 391.3  | 371.4  | 348.7  | 326.1  | 303.4  | 280.7  |
| 67.5° | 561.4   | 544.4   | 524.5  | 507.5  | 484.8  | 462.1  | 436.6  | 411.1  | 385.6  | 357.2  | 328.9  |
| 65°   | 640.8   | 620.9   | 598.2  | 575.6  | 552.9  | 527.4  | 501.8  | 476.3  | 445.1  | 413.9  | 385.6  |
| 62.5° | 706.0   | 689.0   | 669.1  | 646.4  | 620.9  | 592.6  | 567.1  | 533.0  | 501.8  | 470.7  | 433.8  |
| 60°   | 768.4   | 748.5   | 731.5  | 706.0  | 683.3  | 657.8  | 626.6  | 592.6  | 558.5  | 521.7  | 487.7  |
| 57.5° | 822.2   | 805.2   | 785.4  | 762.7  | 737.2  | 711.7  | 683.3  | 652.1  | 612.4  | 575.6  | 535.9  |
| 55°   | 870.4   | 850.6   | 830.7  | 810.9  | 788.2  | 759.9  | 731.5  | 700.3  | 666.3  | 626.6  | 584.1  |
| 52.5° | 918.6   | 898.8   | 876.1  | 856.3  | 830.7  | 805.2  | 776.9  | 745.7  | 711.7  | 674.8  | 629.4  |
| 50°   | 966.8   | 944.1   | 921.5  | 895.9  | 870.4  | 844.9  | 816.6  | 788.2  | 751.3  | 714.5  | 674.8  |
| 47.5° | 1023.5  | 995.2   | 966.8  | 938.5  | 913.0  | 881.8  | 853.4  | 822.2  | 791.0  | 751.3  | 711.7  |
| 45°   | 1094.4  | 1051.9  | 1017.9 | 983.8  | 952.7  | 921.5  | 887.4  | 856.3  | 822.2  | 788.2  | 745.7  |
| 42.5° | 1182.3  | 1125.6  | 1080.2 | 1034.9 | 995.2  | 958.3  | 924.3  | 887.4  | 853.4  | 816.6  | 776.9  |
| 40°   | 1301.4  | 1224.8  | 1151.1 | 1094.4 | 1043.4 | 998.0  | 958.3  | 921.5  | 881.8  | 844.9  | 805.2  |
| 37.5° | 1457.3  | 1349.6  | 1247.5 | 1165.3 | 1100.1 | 1043.4 | 995.2  | 952.7  | 913.0  | 870.4  | 830.7  |
| 35°   | 1692.7  | 1505.5  | 1375.1 | 1256.0 | 1165.3 | 1094.4 | 1034.9 | 983.8  | 938.5  | 895.9  | 856.3  |
| 32.5° | 2024.4  | 1735.2  | 1525.4 | 1375.1 | 1247.5 | 1151.1 | 1080.2 | 1017.9 | 966.8  | 921.5  | 876.1  |
| 30°   | 2461.0  | 2061.2  | 1735.2 | 1505.5 | 1349.6 | 1224.8 | 1125.6 | 1051.9 | 995.2  | 944.1  | 898.8  |
| 27.5° | 3152.8  | 2461.0  | 2024.4 | 1692.7 | 1457.3 | 1301.4 | 1182.3 | 1094.4 | 1023.5 | 966.8  | 918.6  |
| 25°   | 4125.3  | 3081.9  | 2350.4 | 1911.0 | 1610.4 | 1395.0 | 1244.7 | 1131.3 | 1051.9 | 989.5  | 935.6  |
| 22.5° | 5239.6  | 3861.6  | 2866.5 | 2197.3 | 1763.5 | 1485.7 | 1309.9 | 1179.5 | 1085.9 | 1012.2 | 952.7  |
| 20°   | 6923.7  | 4817.1  | 3402.3 | 2520.6 | 1973.3 | 1618.9 | 1386.4 | 1227.7 | 1114.3 | 1034.9 | 969.7  |
| 17.5° | 8534.2  | 6007.9  | 4156.5 | 2943.0 | 2194.5 | 1738.0 | 1454.5 | 1275.9 | 1142.6 | 1054.7 | 986.7  |
| 15°   | 10192.8 | 7292.3  | 4879.5 | 3322.9 | 2395.8 | 1862.8 | 1533.9 | 1324.1 | 1176.6 | 1077.4 | 1000.8 |
| 12.5° | 11653.0 | 8463.3  | 5701.7 | 3836.1 | 2696.3 | 2018.7 | 1618.9 | 1369.4 | 1207.8 | 1094.4 | 1015.0 |
| 10°   | 12917.5 | 9586.0  | 6566.5 | 4318.1 | 2945.8 | 2149.1 | 1687.0 | 1409.1 | 1230.5 | 1108.6 | 1023.5 |
| 7.5°  | 13932.5 | 10476.3 | 7249.8 | 4700.9 | 3144.3 | 2251.2 | 1740.9 | 1440.3 | 1250.4 | 1122.8 | 1032.0 |
| 5°    | 14672.5 | 11125.6 | 7746.0 | 4975.9 | 3286.1 | 2324.9 | 1780.5 | 1463.0 | 1264.5 | 1131.3 | 1037.7 |
| 2.5°  | 15126.2 | 11653.0 | 8148.6 | 5199.9 | 3402.3 | 2384.5 | 1811.7 | 1480.0 | 1275.9 | 1136.9 | 1043.4 |
| 0°    | 15276.4 | 11653.0 | 8148.6 | 5199.9 | 3402.3 | 2384.5 | 1811.7 | 1480.0 | 1275.9 | 1136.9 | 1043.4 |

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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° | 19.8  | 19.8  | 17.0  | 17.0  | 14.2  | 14.2  | 11.3  | 11.3  | 8.5   | 8.5   | 5.7   |
| 85°   | 45.4  | 39.7  | 36.9  | 34.0  | 31.2  | 28.4  | 25.5  | 22.7  | 19.8  | 17.0  | 14.2  |
| 82.5° | 76.6  | 70.9  | 62.4  | 56.7  | 51.0  | 45.4  | 36.9  | 34.0  | 28.4  | 22.7  | 19.8  |
| 80°   | 107.7 | 99.2  | 90.7  | 82.2  | 73.7  | 65.2  | 56.7  | 48.2  | 39.7  | 31.2  | 25.5  |
| 77.5° | 138.9 | 127.6 | 119.1 | 107.7 | 96.4  | 85.1  | 73.7  | 62.4  | 51.0  | 39.7  | 31.2  |
| 75°   | 175.8 | 161.6 | 147.4 | 133.3 | 119.1 | 104.9 | 93.6  | 79.4  | 65.2  | 51.0  | 39.7  |
| 72.5° | 215.5 | 195.6 | 178.6 | 161.6 | 141.8 | 127.6 | 110.6 | 96.4  | 79.4  | 62.4  | 48.2  |
| 70°   | 258.0 | 235.3 | 212.6 | 190.0 | 170.1 | 147.4 | 130.4 | 110.6 | 93.6  | 73.7  | 56.7  |
| 67.5° | 300.5 | 275.0 | 249.5 | 221.2 | 195.6 | 173.0 | 147.4 | 127.6 | 104.9 | 85.1  | 65.2  |
| 65°   | 351.6 | 317.6 | 286.4 | 255.2 | 224.0 | 195.6 | 170.1 | 141.8 | 119.1 | 96.4  | 73.7  |
| 62.5° | 399.8 | 362.9 | 326.1 | 289.2 | 255.2 | 221.2 | 190.0 | 161.6 | 133.3 | 107.7 | 82.2  |
| 60°   | 448.0 | 408.3 | 365.7 | 326.1 | 286.4 | 249.5 | 212.6 | 178.6 | 147.4 | 119.1 | 90.7  |
| 57.5° | 496.2 | 450.8 | 408.3 | 362.9 | 317.6 | 275.0 | 235.3 | 195.6 | 161.6 | 127.6 | 99.2  |
| 55°   | 538.7 | 496.2 | 448.0 | 399.8 | 351.6 | 300.5 | 258.0 | 215.5 | 175.8 | 138.9 | 107.7 |
| 52.5° | 584.1 | 535.9 | 487.7 | 433.8 | 385.6 | 328.9 | 280.7 | 232.5 | 190.0 | 150.3 | 116.2 |
| 50°   | 626.6 | 575.6 | 521.7 | 470.7 | 413.9 | 357.2 | 303.4 | 252.3 | 204.1 | 161.6 | 121.9 |
| 47.5° | 666.3 | 612.4 | 558.5 | 501.8 | 445.1 | 385.6 | 326.1 | 269.4 | 218.3 | 173.0 | 130.4 |
| 45°   | 700.3 | 652.1 | 592.6 | 533.0 | 476.3 | 411.1 | 348.7 | 286.4 | 232.5 | 184.3 | 136.1 |
| 42.5° | 731.5 | 683.3 | 626.6 | 567.1 | 501.8 | 436.6 | 371.4 | 306.2 | 246.7 | 192.8 | 144.6 |
| 40°   | 759.9 | 711.7 | 657.8 | 592.6 | 527.4 | 462.1 | 391.3 | 323.2 | 260.8 | 204.1 | 150.3 |
| 37.5° | 788.2 | 737.2 | 683.3 | 620.9 | 552.9 | 484.8 | 413.9 | 343.1 | 275.0 | 212.6 | 158.8 |
| 35°   | 810.9 | 762.7 | 706.0 | 646.4 | 575.6 | 507.5 | 433.8 | 360.1 | 286.4 | 221.2 | 167.3 |
| 32.5° | 830.7 | 785.4 | 731.5 | 669.1 | 598.2 | 524.5 | 450.8 | 374.3 | 297.7 | 232.5 | 173.0 |
| 30°   | 850.6 | 805.2 | 748.5 | 689.0 | 620.9 | 544.4 | 467.8 | 388.4 | 311.9 | 241.0 | 178.6 |
| 27.5° | 870.4 | 822.2 | 768.4 | 706.0 | 640.8 | 561.4 | 484.8 | 402.6 | 323.2 | 249.5 | 184.3 |
| 25°   | 887.4 | 836.4 | 785.4 | 723.0 | 657.8 | 578.4 | 499.0 | 416.8 | 334.6 | 258.0 | 190.0 |
| 22.5° | 901.6 | 850.6 | 799.5 | 737.2 | 672.0 | 592.6 | 510.3 | 428.1 | 343.1 | 263.7 | 195.6 |
| 20°   | 915.8 | 864.8 | 810.9 | 751.3 | 683.3 | 606.7 | 521.7 | 439.5 | 351.6 | 269.4 | 198.5 |
| 17.5° | 930.0 | 876.1 | 822.2 | 762.7 | 694.6 | 618.1 | 533.0 | 448.0 | 360.1 | 275.0 | 204.1 |
| 15°   | 941.3 | 884.6 | 830.7 | 771.2 | 706.0 | 629.4 | 541.5 | 456.5 | 365.7 | 280.7 | 207.0 |
| 12.5° | 949.8 | 893.1 | 839.2 | 779.7 | 711.7 | 637.9 | 550.0 | 462.1 | 371.4 | 286.4 | 209.8 |
| 10°   | 958.3 | 901.6 | 844.9 | 788.2 | 720.2 | 643.6 | 555.7 | 467.8 | 377.1 | 289.2 | 212.6 |
| 7.5°  | 964.0 | 907.3 | 850.6 | 793.9 | 725.8 | 649.3 | 561.4 | 473.5 | 379.9 | 292.0 | 215.5 |
| 5°    | 969.7 | 910.1 | 853.4 | 796.7 | 728.7 | 657.8 | 567.1 | 479.2 | 385.6 | 294.9 | 215.5 |
| 2.5°  | 972.5 | 913.0 | 856.3 | 799.5 | 731.5 | 657.8 | 567.1 | 479.2 | 385.6 | 294.9 | 215.5 |
| 0°    | 972.5 | 913.0 | 856.3 | 799.5 | 731.5 | 657.8 | 567.1 | 479.2 | 385.6 | 294.9 | 215.5 |

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CATALOG NUMBER: IFLD-L-SA7A-727-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 5.7   | 2.8  | 2.8   | 0.0 |
| 85°   | 8.5   | 5.7  | 2.8   | 0.0 |
| 82.5° | 14.2  | 8.5  | 5.7   | 0.0 |
| 80°   | 19.8  | 14.2 | 5.7   | 0.0 |
| 77.5° | 22.7  | 17.0 | 8.5   | 0.0 |
| 75°   | 28.4  | 19.8 | 8.5   | 0.0 |
| 72.5° | 34.0  | 22.7 | 11.3  | 0.0 |
| 70°   | 36.9  | 25.5 | 11.3  | 0.0 |
| 67.5° | 45.4  | 28.4 | 14.2  | 0.0 |
| 65°   | 51.0  | 31.2 | 14.2  | 0.0 |
| 62.5° | 56.7  | 34.0 | 17.0  | 0.0 |
| 60°   | 62.4  | 36.9 | 17.0  | 0.0 |
| 57.5° | 70.9  | 39.7 | 19.8  | 0.0 |
| 55°   | 76.6  | 45.4 | 19.8  | 0.0 |
| 52.5° | 82.2  | 48.2 | 22.7  | 0.0 |
| 50°   | 87.9  | 51.0 | 22.7  | 0.0 |
| 47.5° | 90.7  | 56.7 | 25.5  | 0.0 |
| 45°   | 96.4  | 59.5 | 25.5  | 0.0 |
| 42.5° | 102.1 | 62.4 | 28.4  | 0.0 |
| 40°   | 107.7 | 65.2 | 28.4  | 0.0 |
| 37.5° | 113.4 | 68.0 | 28.4  | 0.0 |
| 35°   | 116.2 | 70.9 | 31.2  | 0.0 |
| 32.5° | 121.9 | 73.7 | 31.2  | 0.0 |
| 30°   | 124.8 | 76.6 | 31.2  | 0.0 |
| 27.5° | 127.6 | 79.4 | 34.0  | 0.0 |
| 25°   | 130.4 | 79.4 | 34.0  | 0.0 |
| 22.5° | 133.3 | 82.2 | 34.0  | 0.0 |
| 20°   | 136.1 | 85.1 | 34.0  | 0.0 |
| 17.5° | 138.9 | 85.1 | 34.0  | 0.0 |
| 15°   | 141.8 | 87.9 | 36.9  | 0.0 |
| 12.5° | 144.6 | 87.9 | 36.9  | 0.0 |
| 10°   | 144.6 | 90.7 | 36.9  | 0.0 |
| 7.5°  | 147.4 | 90.7 | 36.9  | 0.0 |
| 5°    | 147.4 | 90.7 | 36.9  | 0.0 |
| 2.5°  | 147.4 | 90.7 | 36.9  | 0.0 |
| 0°    | 147.4 | 90.7 | 36.9  | 0.0 |

(END OF REPORT)