

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: P623514

Luminaire Tested: **IFLD-L-SA7C-827-U-44**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623514  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7C-827-U-44  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 4 distribution lens  
Light Source: (112) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                    |                      |                 |
|-------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 4H x 4V         |
| Luminaire Lumens: | 33836.8 lumens                     | Max Intensity:       | 109413 candela  |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V       |
| Efficacy:         | 91.7 lumens/watt                   |                      |                 |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                 |
| Beam Angle (50%): | 28.6°H x 28.6°V                    | Field Angle (10%):   | 52.7°H x 52.7°V |
| Beam Lumens:      | 12209 lumens                       | Field Lumens:        | 20616.5 lumens  |
| Beam Efficiency:  | 36.1%                              | Field Efficiency:    | 60.9%           |

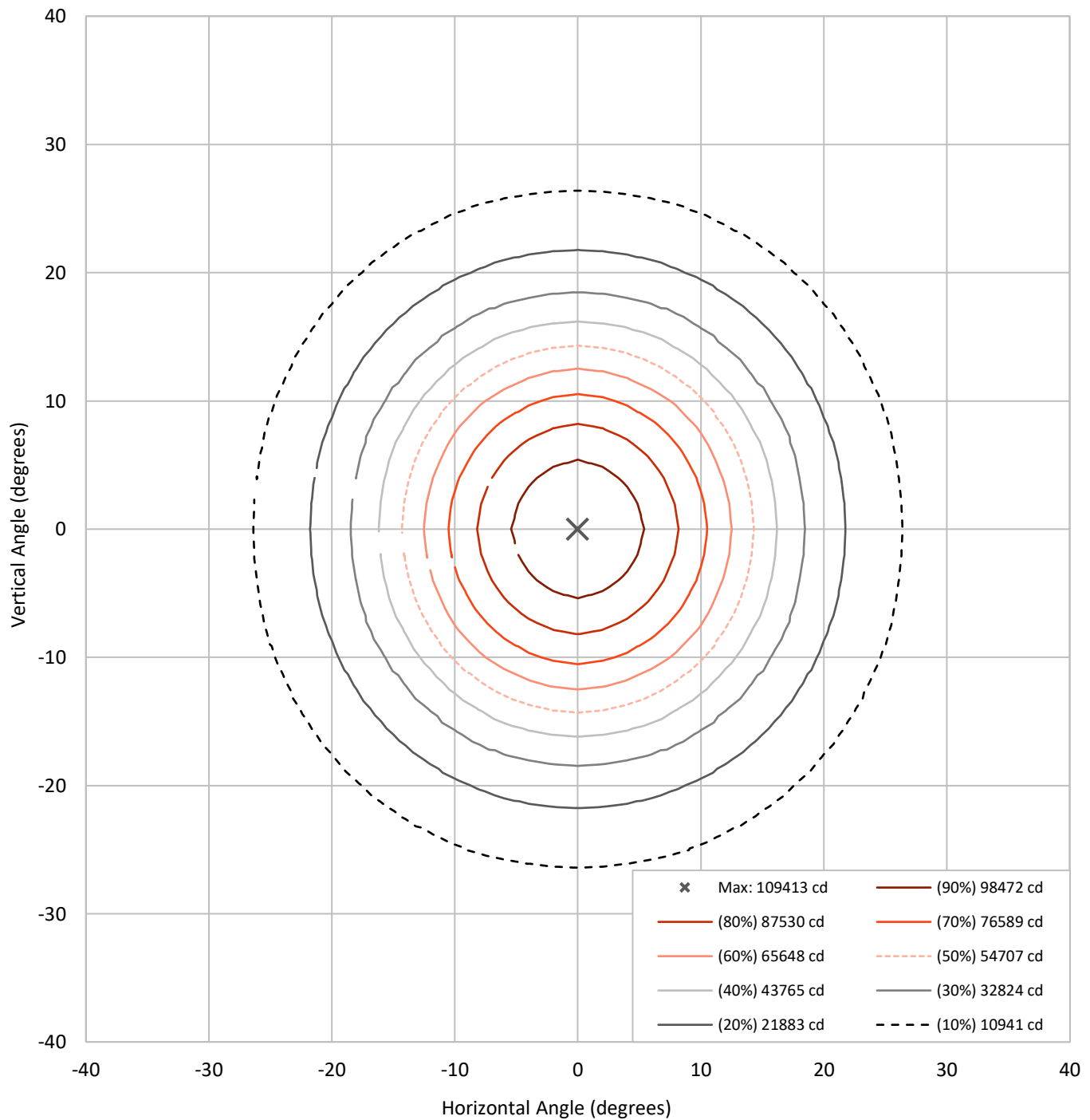
Input Watts (W): 369  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P623514

CATALOG NUMBER: IFLD-L-SA7C-827-U-44

## Iso-Candela Plot



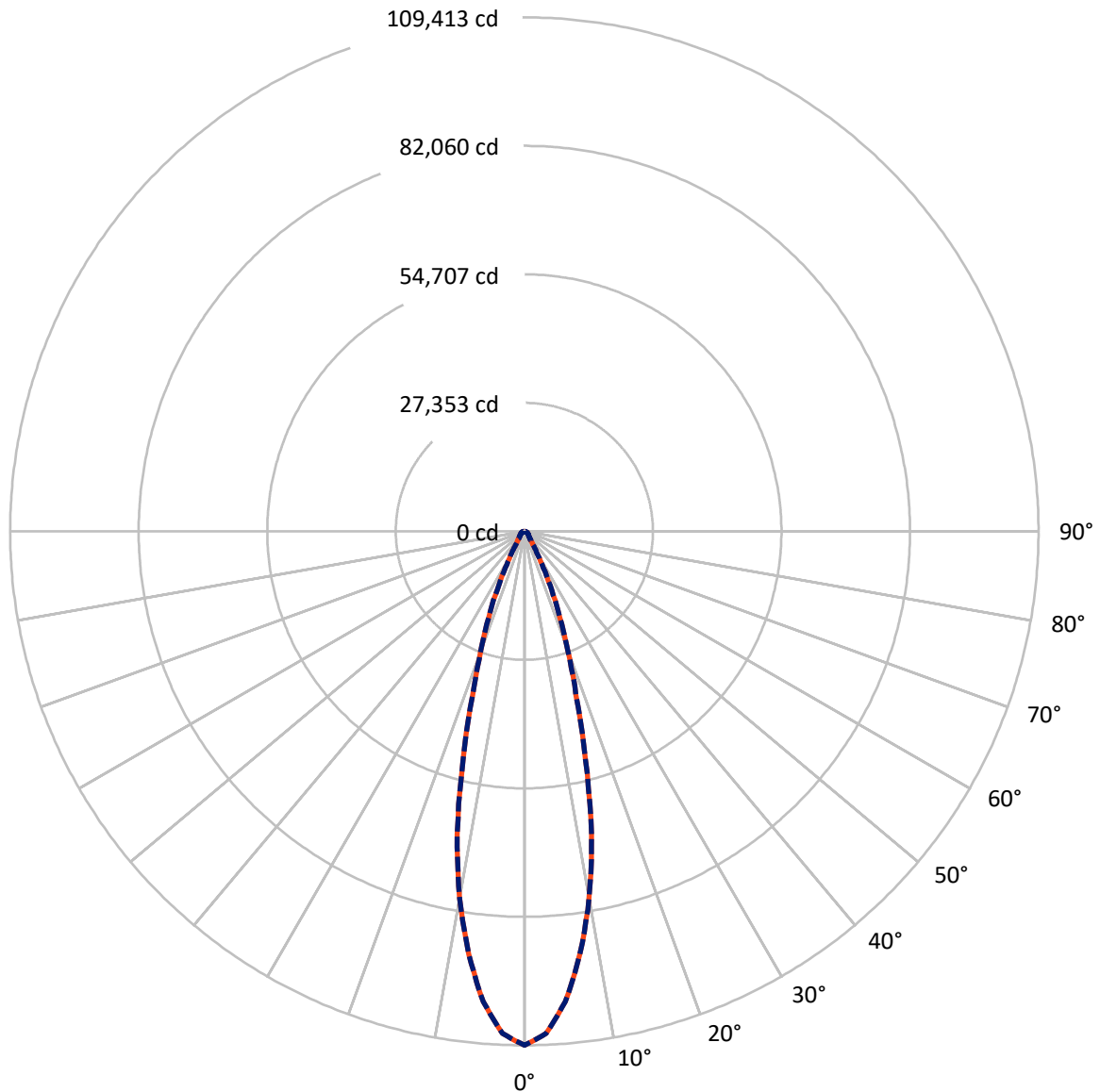
REPORT NUMBER: P623514  
CATALOG NUMBER: IFLD-L-SA7C-827-U-44

## Lumen Table

|     |                            |     |     |      |      |      |       |        |        |        |        |       |      |      |      |     |     |    |    |  |
|-----|----------------------------|-----|-----|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|-----|-----|----|----|--|
| 90  |                            |     |     |      |      |      |       |        |        |        |        |       |      |      |      |     |     |    |    |  |
| 80  | 0.8                        |     | 5.7 |      | 14.6 |      | 23.3  |        | 26.9   |        | 23.3   |       | 14.6 |      | 5.7  |     | 0.8 |    |    |  |
| 70  | 2.6                        |     | 2.7 | 5.6  | 9.2  | 13.0 | 16.4  | 18.9   | 20.2   | 20.2   | 18.9   | 16.4  | 13.0 | 9.2  | 5.6  | 2.7 | 2.6 |    |    |  |
| 60  |                            |     | 4.2 | 8.6  | 13.7 | 19.0 | 23.6  | 27.1   | 29.0   | 29.0   | 27.1   | 23.6  | 19.0 | 13.7 | 8.6  | 4.2 |     |    |    |  |
| 50  | 4.5                        |     | 5.6 | 11.2 | 17.6 | 24.2 | 30.8  | 36.7   | 40.5   | 40.5   | 36.7   | 30.8  | 24.2 | 17.6 | 11.2 | 5.6 | 4.5 |    |    |  |
| 40  |                            |     | 6.8 | 13.4 | 20.9 | 30.1 | 42.8  | 62.5   | 83.2   | 83.2   | 62.5   | 42.8  | 30.1 | 20.9 | 13.4 | 6.8 |     |    |    |  |
| 30  | 5.9                        |     | 7.7 | 15.0 | 24.1 | 38.8 | 81.2  | 222.6  | 403.2  | 403.2  | 222.6  | 81.2  | 38.8 | 24.1 | 15.0 | 7.7 | 5.9 |    |    |  |
| 20  |                            |     | 8.4 | 16.2 | 27.0 | 53.3 | 210.1 | 722.7  | 1394.0 | 1394.0 | 722.7  | 210.1 | 53.3 | 27.0 | 16.2 | 8.4 |     |    |    |  |
| 10  | 6.4                        |     | 8.7 | 16.8 | 28.9 | 69.1 | 370.2 | 1356.2 | 2673.8 | 2673.8 | 1356.2 | 370.2 | 69.1 | 28.9 | 16.8 | 8.7 | 6.4 |    |    |  |
| 0   |                            |     | 8.7 | 16.8 | 28.9 | 69.1 | 370.2 | 1356.2 | 2673.8 | 2673.8 | 1356.2 | 370.2 | 69.1 | 28.9 | 16.8 | 8.7 |     |    |    |  |
| -10 | 5.9                        |     | 8.4 | 16.2 | 27.0 | 53.3 | 210.1 | 722.7  | 1394.0 | 1394.0 | 722.7  | 210.1 | 53.3 | 27.0 | 16.2 | 8.4 | 5.9 |    |    |  |
| -20 |                            |     | 7.7 | 15.0 | 24.1 | 38.8 | 81.2  | 222.6  | 403.2  | 403.2  | 222.6  | 81.2  | 38.8 | 24.1 | 15.0 | 7.7 |     |    |    |  |
| -30 | 4.5                        |     | 6.8 | 13.4 | 20.9 | 30.1 | 42.8  | 62.5   | 83.2   | 83.2   | 62.5   | 42.8  | 30.1 | 20.9 | 13.4 | 6.8 | 4.5 |    |    |  |
| -40 |                            |     | 5.6 | 11.2 | 17.6 | 24.2 | 30.8  | 36.7   | 40.5   | 40.5   | 36.7   | 30.8  | 24.2 | 17.6 | 11.2 | 5.6 |     |    |    |  |
| -50 | 2.6                        |     | 4.2 | 8.6  | 13.7 | 19.0 | 23.6  | 27.1   | 29.0   | 29.0   | 27.1   | 23.6  | 19.0 | 13.7 | 8.6  | 4.2 | 2.6 |    |    |  |
| -60 |                            |     | 2.7 | 5.6  | 9.2  | 13.0 | 16.4  | 18.9   | 20.2   | 20.2   | 18.9   | 16.4  | 13.0 | 9.2  | 5.6  | 2.7 |     |    |    |  |
| -70 |                            |     |     |      |      |      |       |        |        |        |        |       |      |      |      |     |     |    |    |  |
| -80 | 0.8                        |     | 5.7 |      | 14.6 |      | 23.3  |        | 26.9   |        | 23.3   |       | 14.6 |      | 5.7  |     | 0.8 |    |    |  |
| -90 |                            |     |     |      |      |      |       |        |        |        |        |       |      |      |      |     |     |    |    |  |
|     | -90                        | -80 | -70 | -60  | -50  | -40  | -30   | -20    | -10    | 0      | 10     | 20    | 30   | 40   | 50   | 60  | 70  | 80 | 90 |  |
|     | Horizontal Angle (degrees) |     |     |      |      |      |       |        |        |        |        |       |      |      |      |     |     |    |    |  |

REPORT NUMBER: P623514  
CATALOG NUMBER: IFLD-L-SA7C-827-U-44

## Luminous Intensity Polar Plot

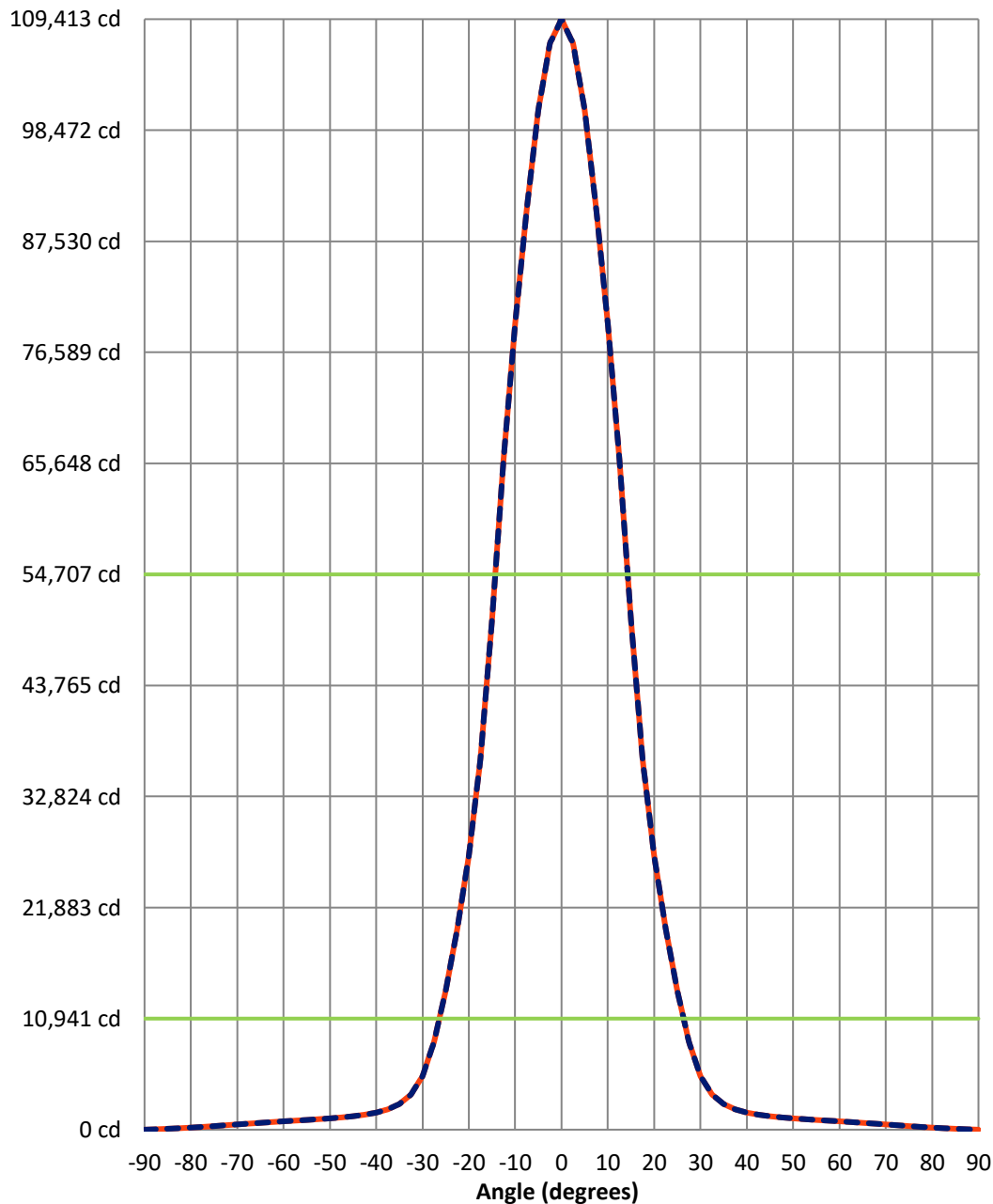


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P623514

CATALOG NUMBER: IFLD-L-SA7C-827-U-44

## Luminous Intensity Plot



**Beam:**

H Angle: 28.6°  
V Angle: 28.6°  
Lumens: 12209  
Efficiency: 36.1%

**Field:**

H Angle: 52.7°  
V Angle: 52.7°  
Lumens: 20616.5  
Efficiency: 60.9%

**Spill:**

Lumens: 13220.3  
Efficiency: 39.1%

— Vertical Distribution through 0-Deg  
- - - Horizontal Distribution through 0-Deg

REPORT NUMBER: P623514

CATALOG NUMBER: IFLD-L-SA7C-827-U-44

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° | 38.8     | 38.8     | 38.8     | 38.8    | 38.8    | 38.8    | 38.8    | 35.3    | 35.3    | 35.3    | 35.3    |
| 85°   | 88.2     | 88.2     | 88.2     | 88.2    | 88.2    | 84.7    | 84.7    | 84.7    | 81.1    | 81.1    | 77.6    |
| 82.5° | 141.1    | 141.1    | 141.1    | 141.1   | 137.6   | 137.6   | 134.1   | 134.1   | 130.5   | 130.5   | 127.0   |
| 80°   | 201.1    | 201.1    | 201.1    | 201.1   | 197.6   | 194.0   | 194.0   | 190.5   | 187.0   | 183.4   | 179.9   |
| 77.5° | 271.6    | 271.6    | 271.6    | 268.1   | 264.6   | 264.6   | 261.1   | 254.0   | 250.5   | 243.4   | 239.9   |
| 75°   | 349.3    | 349.3    | 349.3    | 345.7   | 342.2   | 338.7   | 331.6   | 328.1   | 321.0   | 314.0   | 303.4   |
| 72.5° | 433.9    | 433.9    | 433.9    | 430.4   | 423.3   | 419.8   | 412.8   | 405.7   | 398.6   | 388.1   | 377.5   |
| 70°   | 515.1    | 515.1    | 515.1    | 508.0   | 504.5   | 497.4   | 490.4   | 483.3   | 472.7   | 462.1   | 451.6   |
| 67.5° | 596.2    | 596.2    | 596.2    | 589.2   | 585.6   | 578.6   | 571.5   | 560.9   | 550.3   | 536.2   | 525.7   |
| 65°   | 670.3    | 670.3    | 666.8    | 663.2   | 659.7   | 652.7   | 642.1   | 635.0   | 624.4   | 610.3   | 596.2   |
| 62.5° | 747.9    | 747.9    | 744.4    | 740.9   | 733.8   | 726.7   | 716.2   | 705.6   | 691.5   | 677.3   | 663.2   |
| 60°   | 825.5    | 825.5    | 822.0    | 818.5   | 811.4   | 800.8   | 790.2   | 779.7   | 765.5   | 747.9   | 730.3   |
| 57.5° | 889.0    | 889.0    | 885.5    | 882.0   | 874.9   | 867.9   | 857.3   | 846.7   | 832.6   | 818.5   | 797.3   |
| 55°   | 956.0    | 956.0    | 952.5    | 945.5   | 938.4   | 931.4   | 920.8   | 906.7   | 892.5   | 874.9   | 860.8   |
| 52.5° | 1033.7   | 1033.7   | 1030.1   | 1023.1  | 1012.5  | 1001.9  | 987.8   | 970.2   | 952.5   | 934.9   | 913.7   |
| 50°   | 1111.3   | 1111.3   | 1104.2   | 1097.2  | 1090.1  | 1076.0  | 1061.9  | 1044.2  | 1023.1  | 1001.9  | 977.2   |
| 47.5° | 1206.5   | 1206.5   | 1199.5   | 1188.9  | 1174.8  | 1160.7  | 1139.5  | 1114.8  | 1093.6  | 1068.9  | 1040.7  |
| 45°   | 1322.9   | 1322.9   | 1312.4   | 1301.8  | 1284.1  | 1259.4  | 1234.8  | 1206.5  | 1174.8  | 1143.0  | 1107.7  |
| 42.5° | 1474.6   | 1474.6   | 1460.5   | 1442.9  | 1418.2  | 1386.4  | 1347.6  | 1308.8  | 1270.0  | 1227.7  | 1185.4  |
| 40°   | 1679.3   | 1679.3   | 1658.1   | 1633.4  | 1594.6  | 1548.7  | 1492.3  | 1439.4  | 1386.4  | 1326.5  | 1273.6  |
| 37.5° | 2000.3   | 2000.3   | 1965.0   | 1919.2  | 1855.7  | 1778.0  | 1682.8  | 1612.2  | 1531.1  | 1453.5  | 1382.9  |
| 35°   | 2525.9   | 2525.9   | 2462.4   | 2381.3  | 2268.4  | 2127.3  | 1975.6  | 1855.7  | 1721.6  | 1612.2  | 1509.9  |
| 32.5° | 3460.8   | 3460.8   | 3333.8   | 3175.1  | 2959.9  | 2684.7  | 2430.7  | 2219.0  | 2000.3  | 1831.0  | 1668.7  |
| 30°   | 5270.6   | 5270.6   | 4999.0   | 4663.8  | 4201.7  | 3623.1  | 3189.2  | 2783.5  | 2413.1  | 2134.4  | 1898.0  |
| 27.5° | 8667.9   | 8526.8   | 8103.5   | 7408.5  | 6456.0  | 5270.6  | 4515.7  | 3658.4  | 3072.8  | 2540.1  | 2212.0  |
| 25°   | 13684.6  | 13451.7  | 12753.2  | 11613.7 | 10061.5 | 8301.0  | 6759.4  | 5133.0  | 4106.4  | 3220.9  | 2610.6  |
| 22.5° | 19780.7  | 19459.7  | 18510.7  | 16961.9 | 14862.9 | 12520.4 | 10026.2 | 7687.2  | 5605.8  | 4258.1  | 3220.9  |
| 20°   | 26998.7  | 26568.3  | 25294.7  | 23227.4 | 20447.5 | 17466.4 | 14136.1 | 11003.4 | 8001.2  | 5605.8  | 4106.4  |
| 17.5° | 36527.4  | 35871.3  | 33941.5  | 30837.0 | 26998.7 | 22980.5 | 18817.6 | 14774.7 | 11003.4 | 7687.2  | 5133.0  |
| 15°   | 50226.1  | 49118.4  | 45879.8  | 40736.2 | 34760.0 | 29157.7 | 23848.3 | 18817.6 | 14136.1 | 10026.2 | 6759.4  |
| 12.5° | 66062.7  | 64521.0  | 60058.3  | 53097.8 | 44976.7 | 36118.2 | 29157.7 | 22980.5 | 17466.4 | 12520.4 | 8301.0  |
| 10°   | 79405.0  | 77778.7  | 73167.8  | 66186.1 | 55888.3 | 44976.7 | 34760.0 | 26998.7 | 20447.5 | 14862.9 | 10061.5 |
| 7.5°  | 90676.5  | 88856.2  | 83885.4  | 76247.6 | 66186.1 | 53097.8 | 40736.2 | 30837.0 | 23227.4 | 16961.9 | 11613.7 |
| 5°    | 100466.3 | 98159.1  | 92373.4  | 83885.4 | 73167.8 | 60058.3 | 45879.8 | 33941.5 | 25294.7 | 18510.7 | 12753.2 |
| 2.5°  | 107007.0 | 104297.6 | 98159.1  | 88856.2 | 77778.7 | 64521.0 | 49118.4 | 35871.3 | 26568.3 | 19459.7 | 13451.7 |
| 0°    | 109413.0 | 107007.0 | 100466.3 | 90676.5 | 79405.0 | 66062.7 | 50226.1 | 36527.4 | 26998.7 | 19780.7 | 13684.6 |

REPORT NUMBER: P623514

CATALOG NUMBER: IFLD-L-SA7C-827-U-44

**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° | 35.3   | 35.3   | 31.8   | 31.8   | 31.8   | 28.2   | 28.2   | 28.2   | 24.7   | 24.7   | 24.7   |
| 85°   | 77.6   | 74.1   | 74.1   | 70.6   | 67.0   | 63.5   | 63.5   | 60.0   | 56.4   | 52.9   | 49.4   |
| 82.5° | 123.5  | 119.9  | 116.4  | 112.9  | 109.4  | 102.3  | 98.8   | 95.3   | 88.2   | 84.7   | 81.1   |
| 80°   | 172.9  | 169.3  | 162.3  | 158.8  | 151.7  | 144.6  | 137.6  | 130.5  | 123.5  | 116.4  | 109.4  |
| 77.5° | 232.8  | 222.3  | 215.2  | 208.1  | 197.6  | 190.5  | 179.9  | 172.9  | 162.3  | 151.7  | 141.1  |
| 75°   | 296.3  | 285.8  | 275.2  | 264.6  | 254.0  | 239.9  | 229.3  | 215.2  | 204.6  | 190.5  | 179.9  |
| 72.5° | 366.9  | 352.8  | 338.7  | 324.6  | 310.5  | 296.3  | 282.2  | 264.6  | 250.5  | 232.8  | 215.2  |
| 70°   | 437.5  | 423.3  | 409.2  | 391.6  | 374.0  | 356.3  | 338.7  | 317.5  | 299.9  | 278.7  | 257.5  |
| 67.5° | 511.5  | 493.9  | 476.3  | 458.6  | 441.0  | 419.8  | 395.1  | 374.0  | 349.3  | 324.6  | 303.4  |
| 65°   | 582.1  | 564.5  | 543.3  | 522.1  | 501.0  | 479.8  | 455.1  | 430.4  | 402.2  | 374.0  | 349.3  |
| 62.5° | 645.6  | 628.0  | 610.3  | 585.6  | 564.5  | 539.8  | 515.1  | 483.3  | 455.1  | 426.9  | 395.1  |
| 60°   | 712.6  | 691.5  | 670.3  | 645.6  | 620.9  | 596.2  | 568.0  | 536.2  | 508.0  | 472.7  | 441.0  |
| 57.5° | 776.1  | 755.0  | 730.3  | 705.6  | 677.3  | 649.1  | 620.9  | 589.2  | 557.4  | 522.1  | 486.8  |
| 55°   | 839.6  | 818.5  | 793.8  | 765.5  | 733.8  | 702.0  | 670.3  | 638.5  | 606.8  | 568.0  | 529.2  |
| 52.5° | 892.5  | 871.4  | 846.7  | 825.5  | 790.2  | 758.5  | 723.2  | 684.4  | 649.1  | 610.3  | 571.5  |
| 50°   | 949.0  | 924.3  | 896.1  | 871.4  | 843.2  | 811.4  | 772.6  | 733.8  | 691.5  | 652.7  | 610.3  |
| 47.5° | 1012.5 | 980.7  | 949.0  | 917.2  | 889.0  | 853.7  | 822.0  | 779.7  | 737.3  | 691.5  | 649.1  |
| 45°   | 1076.0 | 1040.7 | 1005.4 | 966.6  | 931.4  | 896.1  | 860.8  | 825.5  | 779.7  | 733.8  | 684.4  |
| 42.5° | 1143.0 | 1100.7 | 1061.9 | 1023.1 | 980.7  | 938.4  | 899.6  | 860.8  | 822.0  | 772.6  | 723.2  |
| 40°   | 1220.6 | 1171.2 | 1121.9 | 1076.0 | 1033.7 | 984.3  | 938.4  | 896.1  | 853.7  | 811.4  | 758.5  |
| 37.5° | 1308.8 | 1248.9 | 1188.9 | 1132.4 | 1079.5 | 1033.7 | 980.7  | 931.4  | 889.0  | 843.2  | 790.2  |
| 35°   | 1421.7 | 1333.5 | 1263.0 | 1192.4 | 1132.4 | 1076.0 | 1023.1 | 966.6  | 917.2  | 871.4  | 825.5  |
| 32.5° | 1548.7 | 1439.4 | 1344.1 | 1263.0 | 1188.9 | 1121.9 | 1061.9 | 1005.4 | 949.0  | 896.1  | 846.7  |
| 30°   | 1704.0 | 1562.8 | 1439.4 | 1333.5 | 1248.9 | 1171.2 | 1100.7 | 1040.7 | 980.7  | 924.3  | 871.4  |
| 27.5° | 1922.7 | 1704.0 | 1548.7 | 1421.7 | 1308.8 | 1220.6 | 1143.0 | 1076.0 | 1012.5 | 949.0  | 892.5  |
| 25°   | 2212.0 | 1898.0 | 1668.7 | 1509.9 | 1382.9 | 1273.6 | 1185.4 | 1107.7 | 1040.7 | 977.2  | 913.7  |
| 22.5° | 2540.1 | 2134.4 | 1831.0 | 1612.2 | 1453.5 | 1326.5 | 1227.7 | 1143.0 | 1068.9 | 1001.9 | 934.9  |
| 20°   | 3072.8 | 2413.1 | 2000.3 | 1721.6 | 1531.1 | 1386.4 | 1270.0 | 1174.8 | 1093.6 | 1023.1 | 952.5  |
| 17.5° | 3658.4 | 2783.5 | 2219.0 | 1855.7 | 1612.2 | 1439.4 | 1308.8 | 1206.5 | 1114.8 | 1044.2 | 970.2  |
| 15°   | 4515.7 | 3189.2 | 2430.7 | 1975.6 | 1682.8 | 1492.3 | 1347.6 | 1234.8 | 1139.5 | 1061.9 | 987.8  |
| 12.5° | 5270.6 | 3623.1 | 2684.7 | 2127.3 | 1778.0 | 1548.7 | 1386.4 | 1259.4 | 1160.7 | 1076.0 | 1001.9 |
| 10°   | 6456.0 | 4201.7 | 2959.9 | 2268.4 | 1855.7 | 1594.6 | 1418.2 | 1284.1 | 1174.8 | 1090.1 | 1012.5 |
| 7.5°  | 7408.5 | 4663.8 | 3175.1 | 2381.3 | 1919.2 | 1633.4 | 1442.9 | 1301.8 | 1188.9 | 1097.2 | 1023.1 |
| 5°    | 8103.5 | 4999.0 | 3333.8 | 2462.4 | 1965.0 | 1658.1 | 1460.5 | 1312.4 | 1199.5 | 1104.2 | 1030.1 |
| 2.5°  | 8526.8 | 5270.6 | 3460.8 | 2525.9 | 2000.3 | 1679.3 | 1474.6 | 1322.9 | 1206.5 | 1111.3 | 1033.7 |
| 0°    | 8667.9 | 5270.6 | 3460.8 | 2525.9 | 2000.3 | 1679.3 | 1474.6 | 1322.9 | 1206.5 | 1111.3 | 1033.7 |

REPORT NUMBER: P623514

CATALOG NUMBER: IFLD-L-SA7C-827-U-44

**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° | 21.2  | 21.2  | 17.6  | 17.6  | 17.6  | 14.1  | 14.1  | 10.6  | 10.6  | 7.1   | 7.1   |
| 85°   | 45.9  | 42.3  | 38.8  | 35.3  | 31.8  | 28.2  | 28.2  | 24.7  | 21.2  | 17.6  | 14.1  |
| 82.5° | 74.1  | 70.6  | 63.5  | 56.4  | 52.9  | 45.9  | 38.8  | 35.3  | 31.8  | 24.7  | 21.2  |
| 80°   | 102.3 | 95.3  | 88.2  | 81.1  | 74.1  | 63.5  | 56.4  | 49.4  | 38.8  | 31.8  | 28.2  |
| 77.5° | 134.1 | 123.5 | 112.9 | 102.3 | 91.7  | 84.7  | 74.1  | 63.5  | 52.9  | 42.3  | 31.8  |
| 75°   | 165.8 | 151.7 | 141.1 | 127.0 | 116.4 | 102.3 | 88.2  | 77.6  | 67.0  | 52.9  | 38.8  |
| 72.5° | 201.1 | 183.4 | 169.3 | 151.7 | 137.6 | 123.5 | 105.8 | 91.7  | 77.6  | 63.5  | 49.4  |
| 70°   | 239.9 | 218.7 | 197.6 | 179.9 | 162.3 | 141.1 | 123.5 | 105.8 | 88.2  | 74.1  | 56.4  |
| 67.5° | 278.7 | 254.0 | 229.3 | 204.6 | 183.4 | 162.3 | 141.1 | 123.5 | 102.3 | 84.7  | 63.5  |
| 65°   | 317.5 | 289.3 | 264.6 | 236.4 | 208.1 | 183.4 | 162.3 | 137.6 | 116.4 | 91.7  | 74.1  |
| 62.5° | 359.8 | 328.1 | 296.3 | 264.6 | 236.4 | 204.6 | 179.9 | 151.7 | 127.0 | 102.3 | 81.1  |
| 60°   | 405.7 | 370.4 | 331.6 | 296.3 | 264.6 | 229.3 | 197.6 | 169.3 | 141.1 | 112.9 | 88.2  |
| 57.5° | 448.0 | 409.2 | 370.4 | 328.1 | 289.3 | 254.0 | 218.7 | 183.4 | 151.7 | 123.5 | 95.3  |
| 55°   | 490.4 | 448.0 | 405.7 | 359.8 | 317.5 | 278.7 | 239.9 | 201.1 | 165.8 | 134.1 | 102.3 |
| 52.5° | 529.2 | 486.8 | 441.0 | 395.1 | 349.3 | 303.4 | 257.5 | 215.2 | 179.9 | 141.1 | 109.4 |
| 50°   | 568.0 | 522.1 | 472.7 | 426.9 | 374.0 | 324.6 | 278.7 | 232.8 | 190.5 | 151.7 | 116.4 |
| 47.5° | 606.8 | 557.4 | 508.0 | 455.1 | 402.2 | 349.3 | 299.9 | 250.5 | 204.6 | 162.3 | 123.5 |
| 45°   | 638.5 | 589.2 | 536.2 | 483.3 | 430.4 | 374.0 | 317.5 | 264.6 | 215.2 | 172.9 | 130.5 |
| 42.5° | 670.3 | 620.9 | 568.0 | 515.1 | 455.1 | 395.1 | 338.7 | 282.2 | 229.3 | 179.9 | 137.6 |
| 40°   | 702.0 | 649.1 | 596.2 | 539.8 | 479.8 | 419.8 | 356.3 | 296.3 | 239.9 | 190.5 | 144.6 |
| 37.5° | 733.8 | 677.3 | 620.9 | 564.5 | 501.0 | 441.0 | 374.0 | 310.5 | 254.0 | 197.6 | 151.7 |
| 35°   | 765.5 | 705.6 | 645.6 | 585.6 | 522.1 | 458.6 | 391.6 | 324.6 | 264.6 | 208.1 | 158.8 |
| 32.5° | 793.8 | 730.3 | 670.3 | 610.3 | 543.3 | 476.3 | 409.2 | 338.7 | 275.2 | 215.2 | 162.3 |
| 30°   | 818.5 | 755.0 | 691.5 | 628.0 | 564.5 | 493.9 | 423.3 | 352.8 | 285.8 | 222.3 | 169.3 |
| 27.5° | 839.6 | 776.1 | 712.6 | 645.6 | 582.1 | 511.5 | 437.5 | 366.9 | 296.3 | 232.8 | 172.9 |
| 25°   | 860.8 | 797.3 | 730.3 | 663.2 | 596.2 | 525.7 | 451.6 | 377.5 | 303.4 | 239.9 | 179.9 |
| 22.5° | 874.9 | 818.5 | 747.9 | 677.3 | 610.3 | 536.2 | 462.1 | 388.1 | 314.0 | 243.4 | 183.4 |
| 20°   | 892.5 | 832.6 | 765.5 | 691.5 | 624.4 | 550.3 | 472.7 | 398.6 | 321.0 | 250.5 | 187.0 |
| 17.5° | 906.7 | 846.7 | 779.7 | 705.6 | 635.0 | 560.9 | 483.3 | 405.7 | 328.1 | 254.0 | 190.5 |
| 15°   | 920.8 | 857.3 | 790.2 | 716.2 | 642.1 | 571.5 | 490.4 | 412.8 | 331.6 | 261.1 | 194.0 |
| 12.5° | 931.4 | 867.9 | 800.8 | 726.7 | 652.7 | 578.6 | 497.4 | 419.8 | 338.7 | 264.6 | 194.0 |
| 10°   | 938.4 | 874.9 | 811.4 | 733.8 | 659.7 | 585.6 | 504.5 | 423.3 | 342.2 | 264.6 | 197.6 |
| 7.5°  | 945.5 | 882.0 | 818.5 | 740.9 | 663.2 | 589.2 | 508.0 | 430.4 | 345.7 | 268.1 | 201.1 |
| 5°    | 952.5 | 885.5 | 822.0 | 744.4 | 666.8 | 596.2 | 515.1 | 433.9 | 349.3 | 271.6 | 201.1 |
| 2.5°  | 956.0 | 889.0 | 825.5 | 747.9 | 670.3 | 596.2 | 515.1 | 433.9 | 349.3 | 271.6 | 201.1 |
| 0°    | 956.0 | 889.0 | 825.5 | 747.9 | 670.3 | 596.2 | 515.1 | 433.9 | 349.3 | 271.6 | 201.1 |

REPORT NUMBER: P623514

CATALOG NUMBER: IFLD-L-SA7C-827-U-44

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 3.5   | 3.5  | 0.0   | 0.0 |
| 85°   | 10.6  | 7.1  | 3.5   | 0.0 |
| 82.5° | 14.1  | 10.6 | 3.5   | 0.0 |
| 80°   | 21.2  | 14.1 | 7.1   | 0.0 |
| 77.5° | 24.7  | 17.6 | 7.1   | 0.0 |
| 75°   | 31.8  | 21.2 | 10.6  | 0.0 |
| 72.5° | 35.3  | 24.7 | 10.6  | 0.0 |
| 70°   | 38.8  | 28.2 | 14.1  | 0.0 |
| 67.5° | 45.9  | 28.2 | 14.1  | 0.0 |
| 65°   | 52.9  | 31.8 | 17.6  | 0.0 |
| 62.5° | 56.4  | 35.3 | 17.6  | 0.0 |
| 60°   | 63.5  | 38.8 | 17.6  | 0.0 |
| 57.5° | 70.6  | 42.3 | 21.2  | 0.0 |
| 55°   | 74.1  | 45.9 | 21.2  | 0.0 |
| 52.5° | 81.1  | 49.4 | 24.7  | 0.0 |
| 50°   | 84.7  | 52.9 | 24.7  | 0.0 |
| 47.5° | 88.2  | 56.4 | 24.7  | 0.0 |
| 45°   | 95.3  | 60.0 | 28.2  | 0.0 |
| 42.5° | 98.8  | 63.5 | 28.2  | 0.0 |
| 40°   | 102.3 | 63.5 | 28.2  | 0.0 |
| 37.5° | 109.4 | 67.0 | 31.8  | 0.0 |
| 35°   | 112.9 | 70.6 | 31.8  | 0.0 |
| 32.5° | 116.4 | 74.1 | 31.8  | 0.0 |
| 30°   | 119.9 | 74.1 | 35.3  | 0.0 |
| 27.5° | 123.5 | 77.6 | 35.3  | 0.0 |
| 25°   | 127.0 | 77.6 | 35.3  | 0.0 |
| 22.5° | 130.5 | 81.1 | 35.3  | 0.0 |
| 20°   | 130.5 | 81.1 | 35.3  | 0.0 |
| 17.5° | 134.1 | 84.7 | 35.3  | 0.0 |
| 15°   | 134.1 | 84.7 | 38.8  | 0.0 |
| 12.5° | 137.6 | 84.7 | 38.8  | 0.0 |
| 10°   | 137.6 | 88.2 | 38.8  | 0.0 |
| 7.5°  | 141.1 | 88.2 | 38.8  | 0.0 |
| 5°    | 141.1 | 88.2 | 38.8  | 0.0 |
| 2.5°  | 141.1 | 88.2 | 38.8  | 0.0 |
| 0°    | 141.1 | 88.2 | 38.8  | 0.0 |

(END OF REPORT)