

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: P623605

Luminaire Tested: **IFLD-L-SA8B-727-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623605  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8B-727-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (128) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                    |                      |                 |
|-------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 35488.9 lumens                     | Max Intensity:       | 43368.9 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 110.9 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:      | 17638.9 lumens                     | Field Lumens:        | 22939.9 lumens  |
| Beam Efficiency:  | 49.7%                              | Field Efficiency:    | 64.6%           |

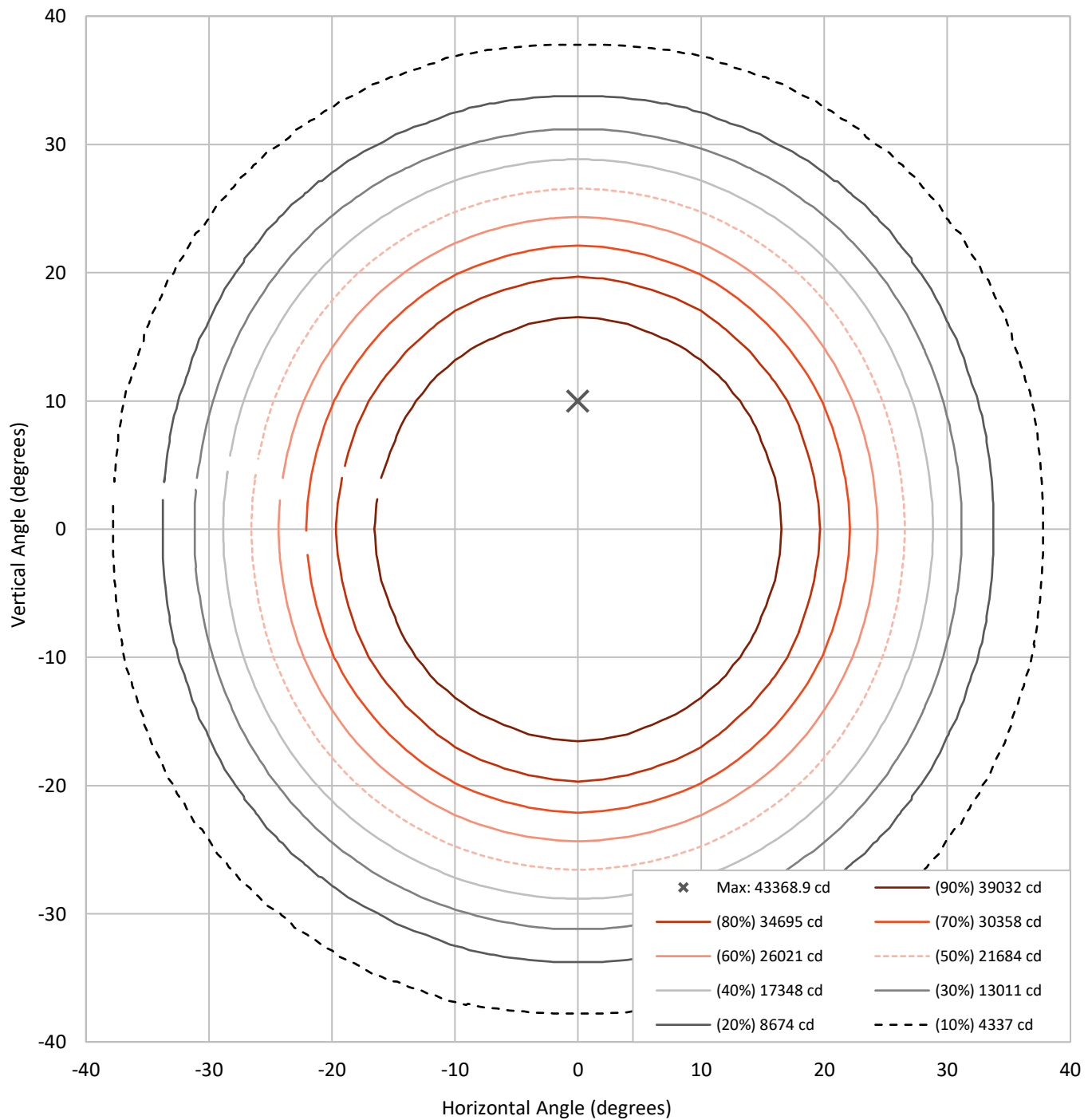
Input Watts (W): 320  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P623605

CATALOG NUMBER: IFLD-L-SA8B-727-U-55

## Iso-Candela Plot



REPORT NUMBER: P623605  
CATALOG NUMBER: IFLD-L-SA8B-727-U-55

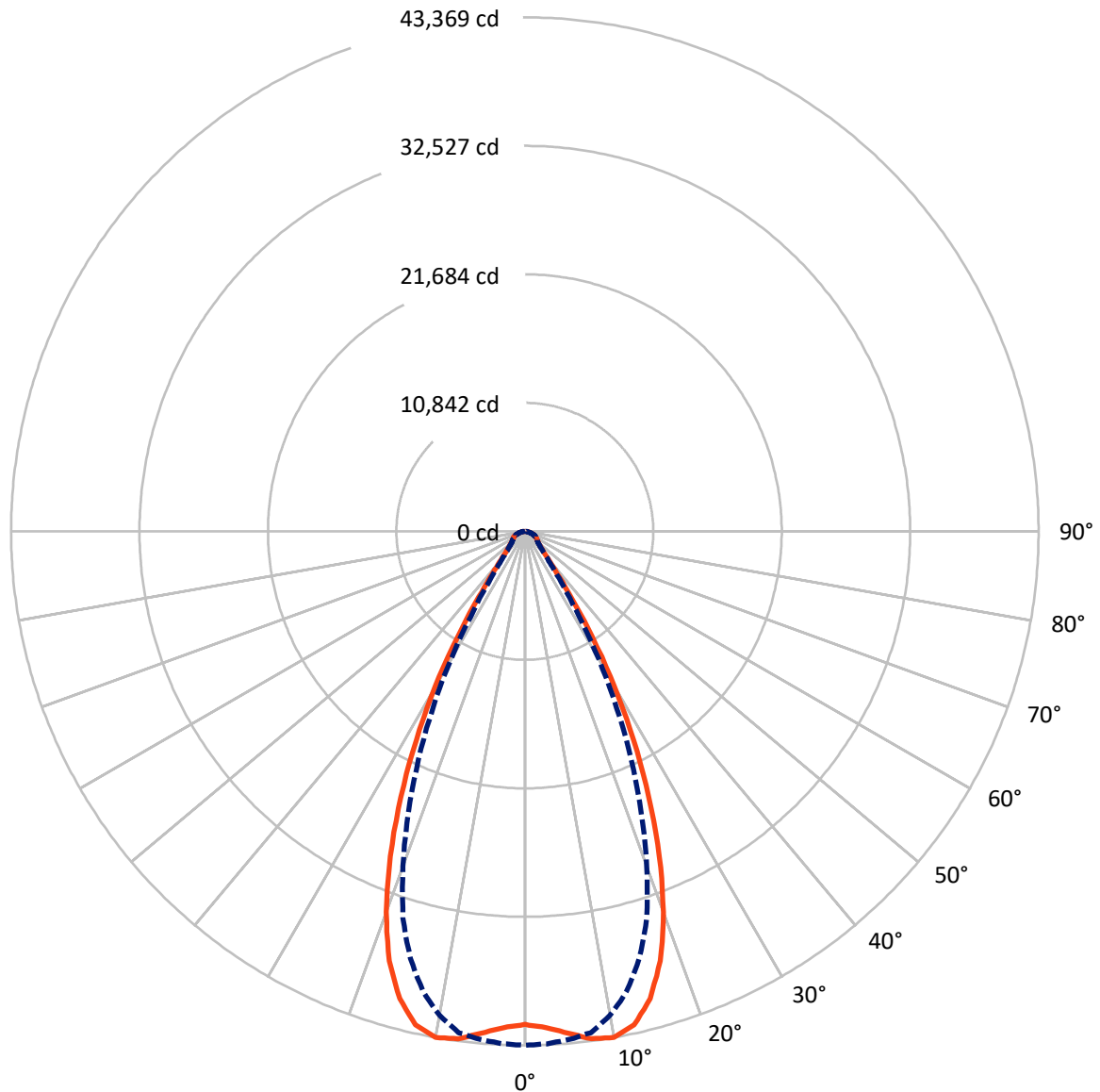
## Lumen Table

|     |     |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |  |
|-----|-----|------|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|------|-----|-----|--|
| 90  | 1.0 |      | 7.8  |      | 20.3  |       | 32.7   |        | 37.9   |        | 32.7  |       | 20.3 |      | 7.8  |     | 1.0 |  |
| 80  |     |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |  |
| 70  | 3.6 | 3.9  | 8.0  | 13.2 | 18.6  | 23.3  | 26.6   | 28.4   | 28.4   | 26.6   | 23.3  | 18.6  | 13.2 | 8.0  | 3.9  | 3.6 |     |  |
| 60  |     | 6.0  | 12.3 | 19.5 | 26.1  | 31.8  | 36.1   | 38.5   | 38.5   | 36.1   | 31.8  | 26.1  | 19.5 | 12.3 | 6.0  |     |     |  |
| 50  | 6.3 | 8.0  | 15.8 | 23.9 | 32.1  | 41.6  | 52.6   | 61.1   | 61.1   | 52.6   | 41.6  | 32.1  | 23.9 | 15.8 | 8.0  | 6.3 |     |  |
| 40  |     | 9.7  | 18.4 | 27.8 | 42.1  | 75.0  | 146.5  | 221.0  | 221.0  | 146.5  | 75.0  | 42.1  | 27.8 | 18.4 | 9.7  |     |     |  |
| 30  | 8.4 | 11.0 | 20.2 | 32.6 | 68.1  | 216.8 | 502.4  | 713.1  | 713.1  | 502.4  | 216.8 | 68.1  | 32.6 | 20.2 | 11.0 | 8.4 |     |  |
| 20  |     | 11.8 | 21.5 | 38.8 | 125.6 | 473.3 | 925.9  | 1180.4 | 1180.4 | 925.9  | 473.3 | 125.6 | 38.8 | 21.5 | 11.8 |     |     |  |
| 10  | 9.2 | 12.2 | 22.3 | 43.8 | 184.3 | 651.9 | 1145.5 | 1299.0 | 1299.0 | 1145.5 | 651.9 | 184.3 | 43.8 | 22.3 | 12.2 | 9.2 |     |  |
| 0   |     | 12.2 | 22.3 | 43.8 | 184.3 | 651.9 | 1145.5 | 1299.0 | 1299.0 | 1145.5 | 651.9 | 184.3 | 43.8 | 22.3 | 12.2 |     |     |  |
| -10 | 8.4 | 11.8 | 21.5 | 38.8 | 125.6 | 473.3 | 925.9  | 1180.4 | 1180.4 | 925.9  | 473.3 | 125.6 | 38.8 | 21.5 | 11.8 | 8.4 |     |  |
| -20 |     | 11.0 | 20.2 | 32.6 | 68.1  | 216.8 | 502.4  | 713.1  | 713.1  | 502.4  | 216.8 | 68.1  | 32.6 | 20.2 | 11.0 |     |     |  |
| -30 | 6.3 | 9.7  | 18.4 | 27.8 | 42.1  | 75.0  | 146.5  | 221.0  | 221.0  | 146.5  | 75.0  | 42.1  | 27.8 | 18.4 | 9.7  | 6.3 |     |  |
| -40 |     | 8.0  | 15.8 | 23.9 | 32.1  | 41.6  | 52.6   | 61.1   | 61.1   | 52.6   | 41.6  | 32.1  | 23.9 | 15.8 | 8.0  |     |     |  |
| -50 | 3.6 | 6.0  | 12.3 | 19.5 | 26.1  | 31.8  | 36.1   | 38.5   | 38.5   | 36.1   | 31.8  | 26.1  | 19.5 | 12.3 | 6.0  | 3.6 |     |  |
| -60 |     | 3.9  | 8.0  | 13.2 | 18.6  | 23.3  | 26.6   | 28.4   | 28.4   | 26.6   | 23.3  | 18.6  | 13.2 | 8.0  | 3.9  |     |     |  |
| -70 | 1.0 |      | 7.8  |      | 20.3  |       | 32.7   |        | 37.9   |        | 32.7  |       | 20.3 |      | 7.8  |     | 1.0 |  |
| -80 |     |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |  |
| -90 |     |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |  |

Horizontal Angle (degrees)

REPORT NUMBER: P623605  
CATALOG NUMBER: IFLD-L-SA8B-727-U-55

## Luminous Intensity Polar Plot

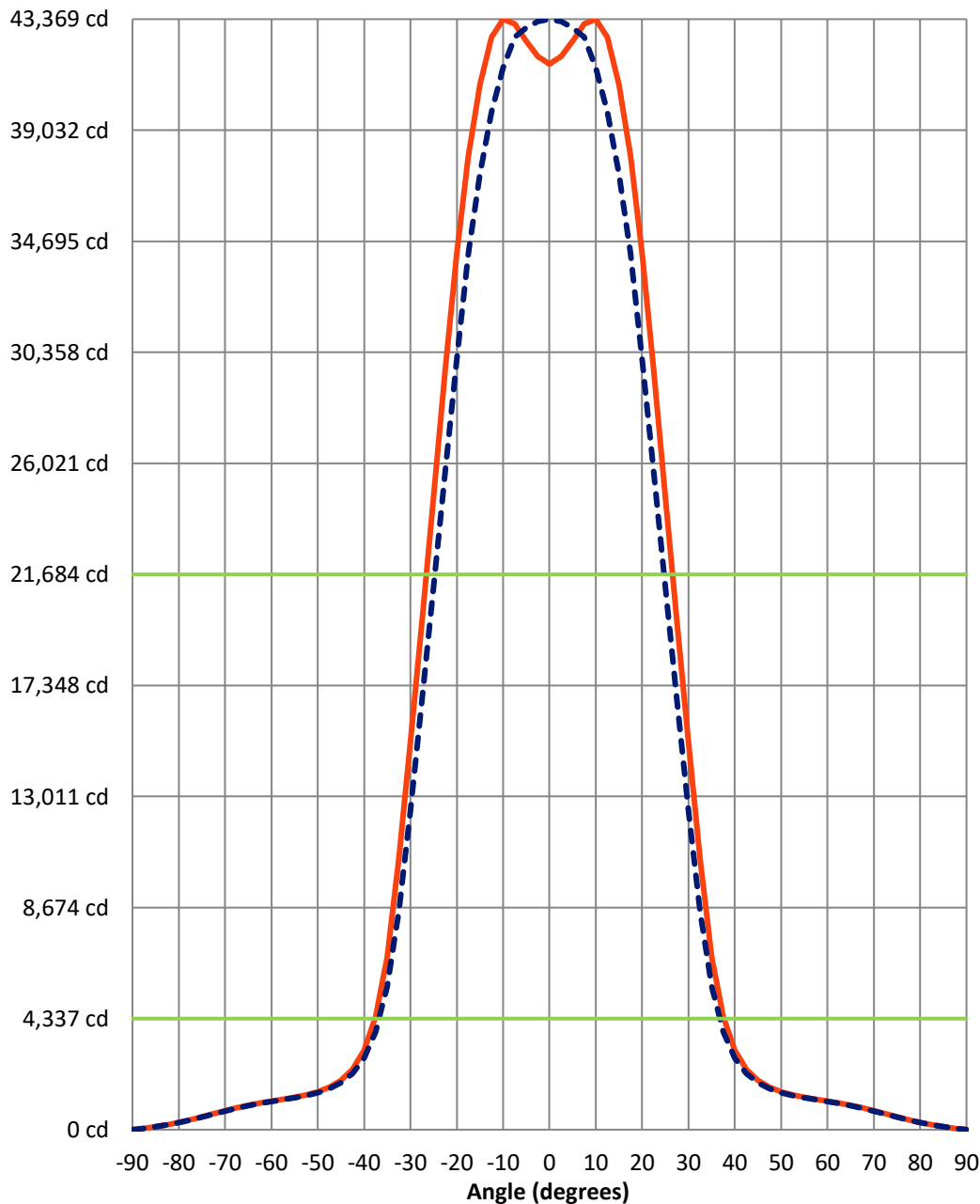


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

REPORT NUMBER: P623605

CATALOG NUMBER: IFLD-L-SA8B-727-U-55

## Luminous Intensity Plot



### Beam:

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 17638.9  
Efficiency: 49.7%

### Field:

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 22939.9  
Efficiency: 64.6%

### Spill:

Lumens: 12549  
Efficiency: 35.4%

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

REPORT NUMBER: P623605

CATALOG NUMBER: IFLD-L-SA8B-727-U-55

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° | 47.9    | 47.9    | 47.9    | 47.9    | 47.9    | 47.9    | 47.9    | 44.2    | 44.2    | 44.2    | 44.2    |
| 85°   | 118.0   | 118.0   | 118.0   | 118.0   | 118.0   | 114.3   | 114.3   | 110.6   | 110.6   | 106.9   | 103.2   |
| 82.5° | 191.7   | 191.7   | 191.7   | 191.7   | 188.0   | 188.0   | 184.3   | 180.6   | 177.0   | 173.3   | 169.6   |
| 80°   | 280.2   | 280.2   | 280.2   | 280.2   | 276.5   | 272.8   | 269.1   | 265.4   | 258.1   | 254.4   | 247.0   |
| 77.5° | 383.4   | 383.4   | 383.4   | 379.7   | 376.0   | 372.3   | 365.0   | 357.6   | 350.2   | 342.9   | 335.5   |
| 75°   | 501.4   | 501.4   | 501.4   | 494.0   | 490.3   | 482.9   | 475.6   | 468.2   | 457.1   | 446.1   | 435.0   |
| 72.5° | 623.0   | 623.0   | 623.0   | 615.7   | 608.3   | 600.9   | 593.5   | 582.5   | 571.4   | 556.7   | 541.9   |
| 70°   | 737.3   | 737.3   | 737.3   | 729.9   | 722.6   | 715.2   | 704.1   | 693.1   | 678.3   | 663.6   | 648.8   |
| 67.5° | 855.3   | 855.3   | 855.3   | 844.2   | 836.9   | 829.5   | 818.4   | 803.7   | 788.9   | 770.5   | 752.1   |
| 65°   | 951.1   | 951.1   | 947.4   | 943.8   | 936.4   | 925.3   | 918.0   | 903.2   | 888.5   | 873.7   | 855.3   |
| 62.5° | 1039.6  | 1039.6  | 1035.9  | 1032.2  | 1024.9  | 1013.8  | 1002.7  | 991.7   | 976.9   | 958.5   | 940.1   |
| 60°   | 1113.3  | 1113.3  | 1109.7  | 1106.0  | 1098.6  | 1091.2  | 1080.2  | 1069.1  | 1054.4  | 1039.6  | 1021.2  |
| 57.5° | 1187.1  | 1187.1  | 1183.4  | 1179.7  | 1172.3  | 1161.3  | 1150.2  | 1139.2  | 1124.4  | 1106.0  | 1087.5  |
| 55°   | 1264.5  | 1264.5  | 1260.8  | 1253.4  | 1246.1  | 1235.0  | 1223.9  | 1209.2  | 1190.8  | 1172.3  | 1153.9  |
| 52.5° | 1356.7  | 1356.7  | 1349.3  | 1341.9  | 1330.9  | 1319.8  | 1301.4  | 1282.9  | 1260.8  | 1238.7  | 1216.6  |
| 50°   | 1478.3  | 1478.3  | 1470.9  | 1459.9  | 1441.5  | 1423.0  | 1400.9  | 1371.4  | 1345.6  | 1316.1  | 1286.6  |
| 47.5° | 1659.0  | 1659.0  | 1644.2  | 1625.8  | 1600.0  | 1570.5  | 1529.9  | 1485.7  | 1448.8  | 1412.0  | 1367.7  |
| 45°   | 1924.4  | 1924.4  | 1902.3  | 1872.8  | 1832.2  | 1780.6  | 1721.6  | 1659.0  | 1596.3  | 1533.6  | 1470.9  |
| 42.5° | 2355.7  | 2355.7  | 2315.2  | 2263.6  | 2193.5  | 2105.0  | 1994.4  | 1891.2  | 1802.7  | 1703.2  | 1618.4  |
| 40°   | 3100.4  | 3100.4  | 3023.0  | 2927.1  | 2794.4  | 2624.8  | 2422.1  | 2259.9  | 2105.0  | 1931.8  | 1813.8  |
| 37.5° | 4423.9  | 4423.9  | 4272.7  | 4088.4  | 3830.4  | 3505.9  | 3115.2  | 2853.4  | 2565.9  | 2293.0  | 2094.0  |
| 35°   | 6761.2  | 6761.2  | 6469.9  | 6112.3  | 5614.7  | 4987.9  | 4320.7  | 3826.7  | 3277.4  | 2857.1  | 2484.8  |
| 32.5° | 10595.2 | 10595.2 | 10071.7 | 9426.6  | 8538.1  | 7413.7  | 6344.6  | 5404.5  | 4423.9  | 3727.1  | 3056.2  |
| 30°   | 15151.8 | 15151.8 | 14466.1 | 13621.9 | 12464.3 | 11004.4 | 9481.9  | 7811.8  | 6263.5  | 5021.1  | 4007.3  |
| 27.5° | 19863.3 | 19667.9 | 19078.0 | 18115.8 | 16796.0 | 15151.8 | 13253.2 | 11096.6 | 9002.6  | 6812.8  | 5364.0  |
| 25°   | 24736.9 | 24508.3 | 23833.7 | 22727.7 | 21216.2 | 19354.5 | 17216.3 | 14805.3 | 12221.0 | 9610.9  | 7104.0  |
| 22.5° | 29662.2 | 29404.1 | 28637.3 | 27387.6 | 25691.7 | 23605.1 | 21183.1 | 18502.9 | 15616.3 | 12600.7 | 9610.9  |
| 20°   | 34215.1 | 33942.3 | 33138.6 | 31837.3 | 30082.4 | 27793.1 | 25101.9 | 22130.5 | 18937.9 | 15616.3 | 12221.0 |
| 17.5° | 38027.0 | 37765.3 | 36991.1 | 35748.7 | 34215.1 | 31682.4 | 28884.3 | 25618.0 | 22130.5 | 18502.9 | 14805.3 |
| 15°   | 40810.4 | 40585.5 | 39925.6 | 38882.3 | 37319.2 | 35077.7 | 32228.0 | 28884.3 | 25101.9 | 21183.1 | 17216.3 |
| 12.5° | 42657.3 | 42476.7 | 41956.9 | 41145.8 | 39745.0 | 37864.8 | 35077.7 | 31682.4 | 27793.1 | 23605.1 | 19354.5 |
| 10°   | 43368.9 | 43280.4 | 43037.1 | 42664.7 | 41470.3 | 39745.0 | 37319.2 | 34215.1 | 30082.4 | 25691.7 | 21216.2 |
| 7.5°  | 43180.8 | 43210.3 | 43295.1 | 43199.3 | 42664.7 | 41145.8 | 38882.3 | 35748.7 | 31837.3 | 27387.6 | 22727.7 |
| 5°    | 42509.9 | 42668.4 | 43062.9 | 43295.1 | 43037.1 | 41956.9 | 39925.6 | 36991.1 | 33138.6 | 28637.3 | 23833.7 |
| 2.5°  | 41912.7 | 42159.7 | 42668.4 | 43210.3 | 43280.4 | 42476.7 | 40585.5 | 37765.3 | 33942.3 | 29404.1 | 24508.3 |
| 0°    | 41617.7 | 41912.7 | 42509.9 | 43180.8 | 43368.9 | 42657.3 | 40810.4 | 38027.0 | 34215.1 | 29662.2 | 24736.9 |

REPORT NUMBER: P623605

CATALOG NUMBER: IFLD-L-SA8B-727-U-55

**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° | 44.2    | 40.6    | 40.6    | 40.6   | 36.9   | 36.9   | 36.9   | 33.2   | 33.2   | 29.5   | 29.5   |
| 85°   | 103.2   | 99.5    | 95.9    | 92.2   | 88.5   | 84.8   | 81.1   | 77.4   | 73.7   | 66.4   | 62.7   |
| 82.5° | 165.9   | 162.2   | 158.5   | 151.1  | 147.5  | 140.1  | 132.7  | 125.3  | 118.0  | 114.3  | 106.9  |
| 80°   | 239.6   | 232.3   | 224.9   | 217.5  | 206.4  | 195.4  | 188.0  | 177.0  | 169.6  | 158.5  | 151.1  |
| 77.5° | 324.4   | 313.4   | 302.3   | 287.6  | 276.5  | 265.4  | 250.7  | 239.6  | 224.9  | 210.1  | 195.4  |
| 75°   | 420.3   | 405.5   | 387.1   | 372.3  | 357.6  | 339.2  | 320.7  | 302.3  | 283.9  | 265.4  | 247.0  |
| 72.5° | 523.5   | 505.1   | 486.6   | 468.2  | 446.1  | 420.3  | 398.1  | 372.3  | 350.2  | 328.1  | 302.3  |
| 70°   | 630.4   | 608.3   | 586.2   | 564.0  | 538.2  | 508.7  | 482.9  | 453.4  | 424.0  | 394.5  | 365.0  |
| 67.5° | 729.9   | 707.8   | 682.0   | 659.9  | 630.4  | 600.9  | 567.7  | 534.6  | 501.4  | 464.5  | 427.6  |
| 65°   | 833.2   | 807.4   | 777.9   | 748.4  | 718.9  | 685.7  | 652.5  | 619.3  | 578.8  | 538.2  | 501.4  |
| 62.5° | 918.0   | 895.8   | 870.0   | 840.5  | 807.4  | 770.5  | 737.3  | 693.1  | 652.5  | 612.0  | 564.0  |
| 60°   | 999.1   | 973.3   | 951.1   | 918.0  | 888.5  | 855.3  | 814.7  | 770.5  | 726.3  | 678.3  | 634.1  |
| 57.5° | 1069.1  | 1047.0  | 1021.2  | 991.7  | 958.5  | 925.3  | 888.5  | 847.9  | 796.3  | 748.4  | 696.8  |
| 55°   | 1131.8  | 1106.0  | 1080.2  | 1054.4 | 1024.9 | 988.0  | 951.1  | 910.6  | 866.3  | 814.7  | 759.4  |
| 52.5° | 1194.4  | 1168.6  | 1139.2  | 1113.3 | 1080.2 | 1047.0 | 1010.1 | 969.6  | 925.3  | 877.4  | 818.4  |
| 50°   | 1257.1  | 1227.6  | 1198.1  | 1165.0 | 1131.8 | 1098.6 | 1061.7 | 1024.9 | 976.9  | 929.0  | 877.4  |
| 47.5° | 1330.9  | 1294.0  | 1257.1  | 1220.3 | 1187.1 | 1146.5 | 1109.7 | 1069.1 | 1028.6 | 976.9  | 925.3  |
| 45°   | 1423.0  | 1367.7  | 1323.5  | 1279.2 | 1238.7 | 1198.1 | 1153.9 | 1113.3 | 1069.1 | 1024.9 | 969.6  |
| 42.5° | 1537.3  | 1463.6  | 1404.6  | 1345.6 | 1294.0 | 1246.1 | 1201.8 | 1153.9 | 1109.7 | 1061.7 | 1010.1 |
| 40°   | 1692.1  | 1592.6  | 1496.7  | 1423.0 | 1356.7 | 1297.7 | 1246.1 | 1198.1 | 1146.5 | 1098.6 | 1047.0 |
| 37.5° | 1894.9  | 1754.8  | 1622.1  | 1515.2 | 1430.4 | 1356.7 | 1294.0 | 1238.7 | 1187.1 | 1131.8 | 1080.2 |
| 35°   | 2200.9  | 1957.6  | 1788.0  | 1633.2 | 1515.2 | 1423.0 | 1345.6 | 1279.2 | 1220.3 | 1165.0 | 1113.3 |
| 32.5° | 2632.2  | 2256.2  | 1983.4  | 1788.0 | 1622.1 | 1496.7 | 1404.6 | 1323.5 | 1257.1 | 1198.1 | 1139.2 |
| 30°   | 3199.9  | 2680.1  | 2256.2  | 1957.6 | 1754.8 | 1592.6 | 1463.6 | 1367.7 | 1294.0 | 1227.6 | 1168.6 |
| 27.5° | 4099.5  | 3199.9  | 2632.2  | 2200.9 | 1894.9 | 1692.1 | 1537.3 | 1423.0 | 1330.9 | 1257.1 | 1194.4 |
| 25°   | 5364.0  | 4007.3  | 3056.2  | 2484.8 | 2094.0 | 1813.8 | 1618.4 | 1470.9 | 1367.7 | 1286.6 | 1216.6 |
| 22.5° | 6812.8  | 5021.1  | 3727.1  | 2857.1 | 2293.0 | 1931.8 | 1703.2 | 1533.6 | 1412.0 | 1316.1 | 1238.7 |
| 20°   | 9002.6  | 6263.5  | 4423.9  | 3277.4 | 2565.9 | 2105.0 | 1802.7 | 1596.3 | 1448.8 | 1345.6 | 1260.8 |
| 17.5° | 11096.6 | 7811.8  | 5404.5  | 3826.7 | 2853.4 | 2259.9 | 1891.2 | 1659.0 | 1485.7 | 1371.4 | 1282.9 |
| 15°   | 13253.2 | 9481.9  | 6344.6  | 4320.7 | 3115.2 | 2422.1 | 1994.4 | 1721.6 | 1529.9 | 1400.9 | 1301.4 |
| 12.5° | 15151.8 | 11004.4 | 7413.7  | 4987.9 | 3505.9 | 2624.8 | 2105.0 | 1780.6 | 1570.5 | 1423.0 | 1319.8 |
| 10°   | 16796.0 | 12464.3 | 8538.1  | 5614.7 | 3830.4 | 2794.4 | 2193.5 | 1832.2 | 1600.0 | 1441.5 | 1330.9 |
| 7.5°  | 18115.8 | 13621.9 | 9426.6  | 6112.3 | 4088.4 | 2927.1 | 2263.6 | 1872.8 | 1625.8 | 1459.9 | 1341.9 |
| 5°    | 19078.0 | 14466.1 | 10071.7 | 6469.9 | 4272.7 | 3023.0 | 2315.2 | 1902.3 | 1644.2 | 1470.9 | 1349.3 |
| 2.5°  | 19667.9 | 15151.8 | 10595.2 | 6761.2 | 4423.9 | 3100.4 | 2355.7 | 1924.4 | 1659.0 | 1478.3 | 1356.7 |
| 0°    | 19863.3 | 15151.8 | 10595.2 | 6761.2 | 4423.9 | 3100.4 | 2355.7 | 1924.4 | 1659.0 | 1478.3 | 1356.7 |

REPORT NUMBER: P623605

CATALOG NUMBER: IFLD-L-SA8B-727-U-55

**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° | 25.8   | 25.8   | 22.1   | 22.1   | 18.4  | 18.4  | 14.7  | 14.7  | 11.1  | 11.1  | 7.4   |
| 85°   | 59.0   | 51.6   | 47.9   | 44.2   | 40.6  | 36.9  | 33.2  | 29.5  | 25.8  | 22.1  | 18.4  |
| 82.5° | 99.5   | 92.2   | 81.1   | 73.7   | 66.4  | 59.0  | 47.9  | 44.2  | 36.9  | 29.5  | 25.8  |
| 80°   | 140.1  | 129.0  | 118.0  | 106.9  | 95.9  | 84.8  | 73.7  | 62.7  | 51.6  | 40.6  | 33.2  |
| 77.5° | 180.6  | 165.9  | 154.8  | 140.1  | 125.3 | 110.6 | 95.9  | 81.1  | 66.4  | 51.6  | 40.6  |
| 75°   | 228.6  | 210.1  | 191.7  | 173.3  | 154.8 | 136.4 | 121.7 | 103.2 | 84.8  | 66.4  | 51.6  |
| 72.5° | 280.2  | 254.4  | 232.3  | 210.1  | 184.3 | 165.9 | 143.8 | 125.3 | 103.2 | 81.1  | 62.7  |
| 70°   | 335.5  | 306.0  | 276.5  | 247.0  | 221.2 | 191.7 | 169.6 | 143.8 | 121.7 | 95.9  | 73.7  |
| 67.5° | 390.8  | 357.6  | 324.4  | 287.6  | 254.4 | 224.9 | 191.7 | 165.9 | 136.4 | 110.6 | 84.8  |
| 65°   | 457.1  | 412.9  | 372.3  | 331.8  | 291.2 | 254.4 | 221.2 | 184.3 | 154.8 | 125.3 | 95.9  |
| 62.5° | 519.8  | 471.9  | 424.0  | 376.0  | 331.8 | 287.6 | 247.0 | 210.1 | 173.3 | 140.1 | 106.9 |
| 60°   | 582.5  | 530.9  | 475.6  | 424.0  | 372.3 | 324.4 | 276.5 | 232.3 | 191.7 | 154.8 | 118.0 |
| 57.5° | 645.2  | 586.2  | 530.9  | 471.9  | 412.9 | 357.6 | 306.0 | 254.4 | 210.1 | 165.9 | 129.0 |
| 55°   | 700.4  | 645.2  | 582.5  | 519.8  | 457.1 | 390.8 | 335.5 | 280.2 | 228.6 | 180.6 | 140.1 |
| 52.5° | 759.4  | 696.8  | 634.1  | 564.0  | 501.4 | 427.6 | 365.0 | 302.3 | 247.0 | 195.4 | 151.1 |
| 50°   | 814.7  | 748.4  | 678.3  | 612.0  | 538.2 | 464.5 | 394.5 | 328.1 | 265.4 | 210.1 | 158.5 |
| 47.5° | 866.3  | 796.3  | 726.3  | 652.5  | 578.8 | 501.4 | 424.0 | 350.2 | 283.9 | 224.9 | 169.6 |
| 45°   | 910.6  | 847.9  | 770.5  | 693.1  | 619.3 | 534.6 | 453.4 | 372.3 | 302.3 | 239.6 | 177.0 |
| 42.5° | 951.1  | 888.5  | 814.7  | 737.3  | 652.5 | 567.7 | 482.9 | 398.1 | 320.7 | 250.7 | 188.0 |
| 40°   | 988.0  | 925.3  | 855.3  | 770.5  | 685.7 | 600.9 | 508.7 | 420.3 | 339.2 | 265.4 | 195.4 |
| 37.5° | 1024.9 | 958.5  | 888.5  | 807.4  | 718.9 | 630.4 | 538.2 | 446.1 | 357.6 | 276.5 | 206.4 |
| 35°   | 1054.4 | 991.7  | 918.0  | 840.5  | 748.4 | 659.9 | 564.0 | 468.2 | 372.3 | 287.6 | 217.5 |
| 32.5° | 1080.2 | 1021.2 | 951.1  | 870.0  | 777.9 | 682.0 | 586.2 | 486.6 | 387.1 | 302.3 | 224.9 |
| 30°   | 1106.0 | 1047.0 | 973.3  | 895.8  | 807.4 | 707.8 | 608.3 | 505.1 | 405.5 | 313.4 | 232.3 |
| 27.5° | 1131.8 | 1069.1 | 999.1  | 918.0  | 833.2 | 729.9 | 630.4 | 523.5 | 420.3 | 324.4 | 239.6 |
| 25°   | 1153.9 | 1087.5 | 1021.2 | 940.1  | 855.3 | 752.1 | 648.8 | 541.9 | 435.0 | 335.5 | 247.0 |
| 22.5° | 1172.3 | 1106.0 | 1039.6 | 958.5  | 873.7 | 770.5 | 663.6 | 556.7 | 446.1 | 342.9 | 254.4 |
| 20°   | 1190.8 | 1124.4 | 1054.4 | 976.9  | 888.5 | 788.9 | 678.3 | 571.4 | 457.1 | 350.2 | 258.1 |
| 17.5° | 1209.2 | 1139.2 | 1069.1 | 991.7  | 903.2 | 803.7 | 693.1 | 582.5 | 468.2 | 357.6 | 265.4 |
| 15°   | 1223.9 | 1150.2 | 1080.2 | 1002.7 | 918.0 | 818.4 | 704.1 | 593.5 | 475.6 | 365.0 | 269.1 |
| 12.5° | 1235.0 | 1161.3 | 1091.2 | 1013.8 | 925.3 | 829.5 | 715.2 | 600.9 | 482.9 | 372.3 | 272.8 |
| 10°   | 1246.1 | 1172.3 | 1098.6 | 1024.9 | 936.4 | 836.9 | 722.6 | 608.3 | 490.3 | 376.0 | 276.5 |
| 7.5°  | 1253.4 | 1179.7 | 1106.0 | 1032.2 | 943.8 | 844.2 | 729.9 | 615.7 | 494.0 | 379.7 | 280.2 |
| 5°    | 1260.8 | 1183.4 | 1109.7 | 1035.9 | 947.4 | 855.3 | 737.3 | 623.0 | 501.4 | 383.4 | 280.2 |
| 2.5°  | 1264.5 | 1187.1 | 1113.3 | 1039.6 | 951.1 | 855.3 | 737.3 | 623.0 | 501.4 | 383.4 | 280.2 |
| 0°    | 1264.5 | 1187.1 | 1113.3 | 1039.6 | 951.1 | 855.3 | 737.3 | 623.0 | 501.4 | 383.4 | 280.2 |

REPORT NUMBER: P623605

CATALOG NUMBER: IFLD-L-SA8B-727-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 7.4   | 3.7   | 3.7   | 0.0 |
| 85°   | 11.1  | 7.4   | 3.7   | 0.0 |
| 82.5° | 18.4  | 11.1  | 7.4   | 0.0 |
| 80°   | 25.8  | 18.4  | 7.4   | 0.0 |
| 77.5° | 29.5  | 22.1  | 11.1  | 0.0 |
| 75°   | 36.9  | 25.8  | 11.1  | 0.0 |
| 72.5° | 44.2  | 29.5  | 14.7  | 0.0 |
| 70°   | 47.9  | 33.2  | 14.7  | 0.0 |
| 67.5° | 59.0  | 36.9  | 18.4  | 0.0 |
| 65°   | 66.4  | 40.6  | 18.4  | 0.0 |
| 62.5° | 73.7  | 44.2  | 22.1  | 0.0 |
| 60°   | 81.1  | 47.9  | 22.1  | 0.0 |
| 57.5° | 92.2  | 51.6  | 25.8  | 0.0 |
| 55°   | 99.5  | 59.0  | 25.8  | 0.0 |
| 52.5° | 106.9 | 62.7  | 29.5  | 0.0 |
| 50°   | 114.3 | 66.4  | 29.5  | 0.0 |
| 47.5° | 118.0 | 73.7  | 33.2  | 0.0 |
| 45°   | 125.3 | 77.4  | 33.2  | 0.0 |
| 42.5° | 132.7 | 81.1  | 36.9  | 0.0 |
| 40°   | 140.1 | 84.8  | 36.9  | 0.0 |
| 37.5° | 147.5 | 88.5  | 36.9  | 0.0 |
| 35°   | 151.1 | 92.2  | 40.6  | 0.0 |
| 32.5° | 158.5 | 95.9  | 40.6  | 0.0 |
| 30°   | 162.2 | 99.5  | 40.6  | 0.0 |
| 27.5° | 165.9 | 103.2 | 44.2  | 0.0 |
| 25°   | 169.6 | 103.2 | 44.2  | 0.0 |
| 22.5° | 173.3 | 106.9 | 44.2  | 0.0 |
| 20°   | 177.0 | 110.6 | 44.2  | 0.0 |
| 17.5° | 180.6 | 110.6 | 44.2  | 0.0 |
| 15°   | 184.3 | 114.3 | 47.9  | 0.0 |
| 12.5° | 188.0 | 114.3 | 47.9  | 0.0 |
| 10°   | 188.0 | 118.0 | 47.9  | 0.0 |
| 7.5°  | 191.7 | 118.0 | 47.9  | 0.0 |
| 5°    | 191.7 | 118.0 | 47.9  | 0.0 |
| 2.5°  | 191.7 | 118.0 | 47.9  | 0.0 |
| 0°    | 191.7 | 118.0 | 47.9  | 0.0 |

(END OF REPORT)