

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: P623691

Luminaire Tested: **IFLD-L-SA8A-740-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623691  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8A-740-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (128) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                    |                      |                 |
|-------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 35718.2 lumens                     | Max Intensity:       | 43649.1 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 144.1 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:      | 17752.8 lumens                     | Field Lumens:        | 23088.1 lumens  |
| Beam Efficiency:  | 49.7%                              | Field Efficiency:    | 64.6%           |

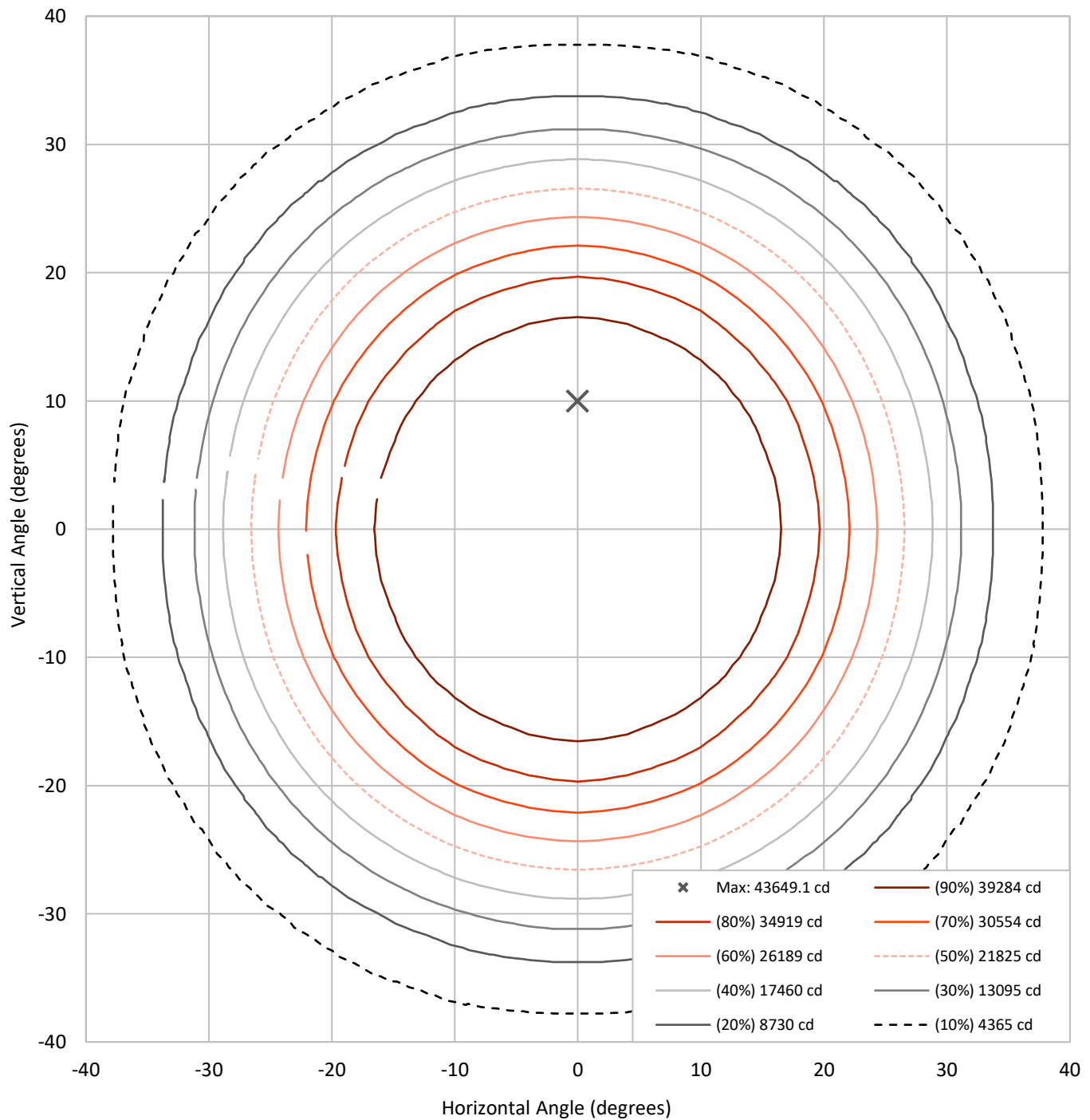
Input Watts (W): 247.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P623691

CATALOG NUMBER: IFLD-L-SA8A-740-U-55

## Iso-Candela Plot



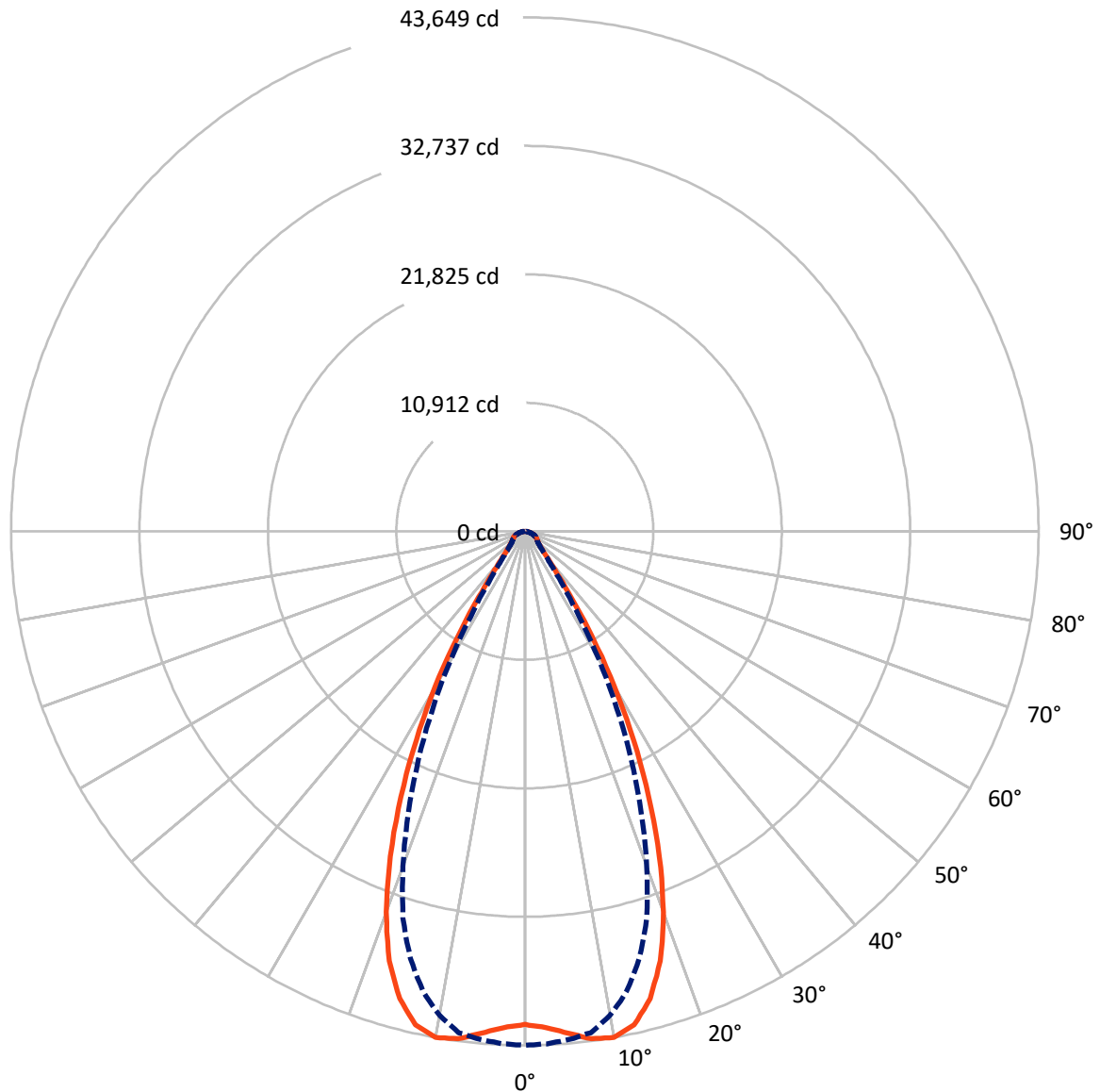
REPORT NUMBER: P623691  
CATALOG NUMBER: IFLD-L-SA8A-740-U-55

## Lumen Table

|     |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |    |    |  |
|-----|----------------------------|------|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|------|-----|-----|----|----|--|
| 90  | 1.0                        |      | 7.8  |      | 20.4  |       | 33.0   |        | 38.2   |        | 33.0  |       | 20.4 |      | 7.8  |     | 1.0 |    |    |  |
| 80  |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |    |    |  |
| 70  | 3.6                        | 3.9  | 8.1  | 13.3 | 18.7  | 23.4  | 26.8   | 28.6   | 28.6   | 26.8   | 23.4  | 18.7  | 13.3 | 8.1  | 3.9  | 3.6 |     |    |    |  |
| 60  |                            | 6.0  | 12.4 | 19.6 | 26.3  | 32.0  | 36.3   | 38.7   | 38.7   | 36.3   | 32.0  | 26.3  | 19.6 | 12.4 | 6.0  |     |     |    |    |  |
| 50  | 6.3                        | 8.1  | 15.9 | 24.1 | 32.3  | 41.8  | 53.0   | 61.5   | 61.5   | 53.0   | 41.8  | 32.3  | 24.1 | 15.9 | 8.1  | 6.3 |     |    |    |  |
| 40  |                            | 9.8  | 18.5 | 28.0 | 42.4  | 75.5  | 147.5  | 222.4  | 222.4  | 147.5  | 75.5  | 42.4  | 28.0 | 18.5 | 9.8  |     |     |    |    |  |
| 30  | 8.4                        | 11.1 | 20.3 | 32.8 | 68.5  | 218.2 | 505.7  | 717.7  | 717.7  | 505.7  | 218.2 | 68.5  | 32.8 | 20.3 | 11.1 | 8.4 |     |    |    |  |
| 20  |                            | 11.9 | 21.7 | 39.1 | 126.4 | 476.3 | 931.9  | 1188.0 | 1188.0 | 931.9  | 476.3 | 126.4 | 39.1 | 21.7 | 11.9 |     |     |    |    |  |
| 10  | 9.2                        | 12.3 | 22.4 | 44.1 | 185.5 | 656.1 | 1152.9 | 1307.4 | 1307.4 | 1152.9 | 656.1 | 185.5 | 44.1 | 22.4 | 12.3 | 9.2 |     |    |    |  |
| 0   |                            | 12.3 | 22.4 | 44.1 | 185.5 | 656.1 | 1152.9 | 1307.4 | 1307.4 | 1152.9 | 656.1 | 185.5 | 44.1 | 22.4 | 12.3 |     |     |    |    |  |
| -10 | 8.4                        | 11.9 | 21.7 | 39.1 | 126.4 | 476.3 | 931.9  | 1188.0 | 1188.0 | 931.9  | 476.3 | 126.4 | 39.1 | 21.7 | 11.9 | 8.4 |     |    |    |  |
| -20 |                            | 11.1 | 20.3 | 32.8 | 68.5  | 218.2 | 505.7  | 717.7  | 717.7  | 505.7  | 218.2 | 68.5  | 32.8 | 20.3 | 11.1 |     |     |    |    |  |
| -30 | 6.3                        | 9.8  | 18.5 | 28.0 | 42.4  | 75.5  | 147.5  | 222.4  | 222.4  | 147.5  | 75.5  | 42.4  | 28.0 | 18.5 | 9.8  | 6.3 |     |    |    |  |
| -40 |                            | 8.1  | 15.9 | 24.1 | 32.3  | 41.8  | 53.0   | 61.5   | 61.5   | 53.0   | 41.8  | 32.3  | 24.1 | 15.9 | 8.1  |     |     |    |    |  |
| -50 | 3.6                        | 6.0  | 12.4 | 19.6 | 26.3  | 32.0  | 36.3   | 38.7   | 38.7   | 36.3   | 32.0  | 26.3  | 19.6 | 12.4 | 6.0  | 3.6 |     |    |    |  |
| -60 |                            | 3.9  | 8.1  | 13.3 | 18.7  | 23.4  | 26.8   | 28.6   | 28.6   | 26.8   | 23.4  | 18.7  | 13.3 | 8.1  | 3.9  |     |     |    |    |  |
| -70 | 1.0                        |      | 7.8  |      | 20.4  |       | 33.0   |        | 38.2   |        | 33.0  |       | 20.4 |      | 7.8  |     | 1.0 |    |    |  |
| -80 |                            |      |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |    |    |  |
| -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: P623691  
CATALOG NUMBER: IFLD-L-SA8A-740-U-55

## Luminous Intensity Polar Plot

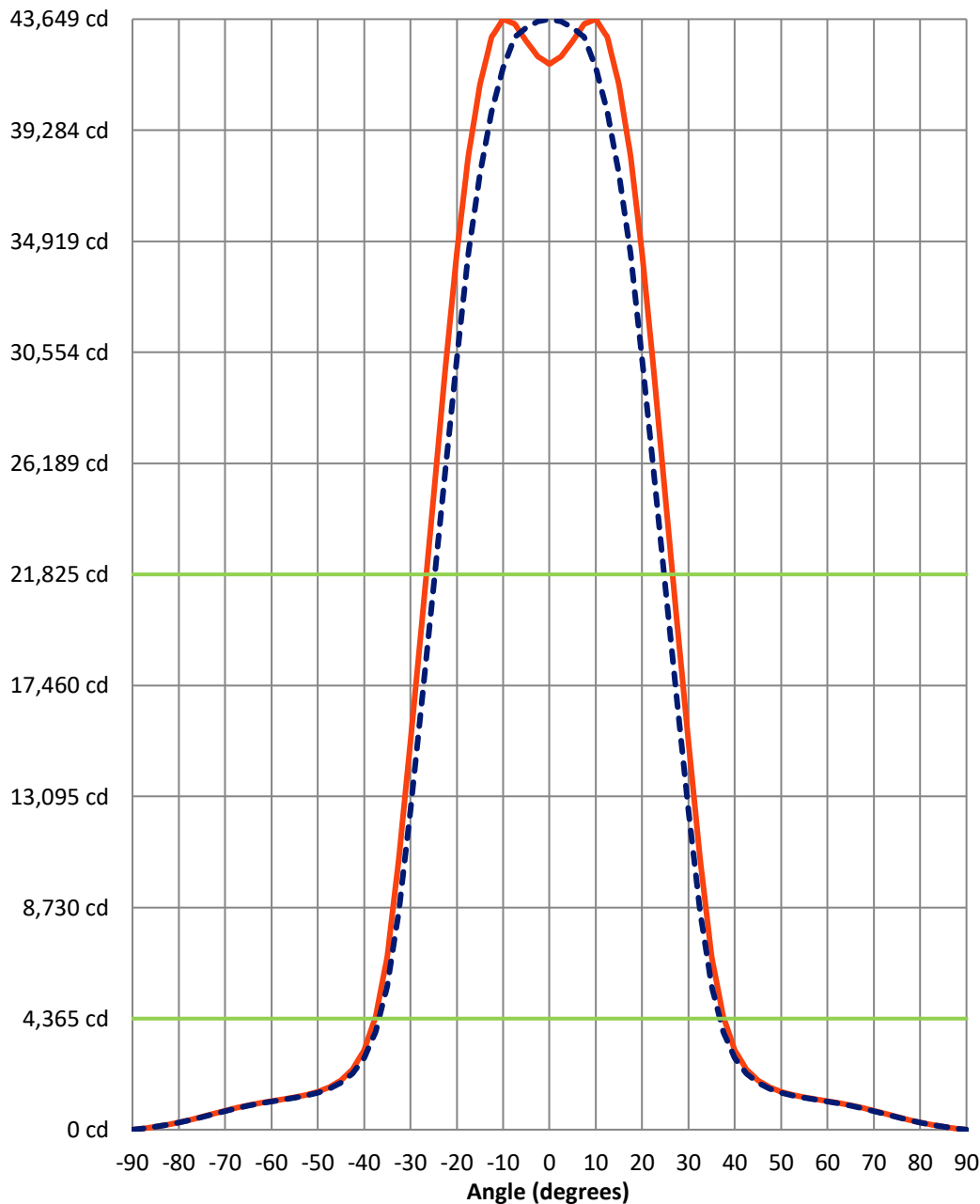


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

REPORT NUMBER: P623691

CATALOG NUMBER: IFLD-L-SA8A-740-U-55

## Luminous Intensity Plot



### Beam:

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 17752.8  
Efficiency: 49.7%

### Field:

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 23088.1  
Efficiency: 64.6%

### Spill:

Lumens: 12630.1  
Efficiency: 35.4%

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

REPORT NUMBER: P623691

CATALOG NUMBER: IFLD-L-SA8A-740-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° | 48.2    | 48.2    | 48.2    | 48.2    | 48.2    | 48.2    | 48.2    | 44.5    | 44.5    | 44.5    | 44.5    |
| 85°   | 118.7   | 118.7   | 118.7   | 118.7   | 118.7   | 115.0   | 115.0   | 111.3   | 111.3   | 107.6   | 103.9   |
| 82.5° | 192.9   | 192.9   | 192.9   | 192.9   | 189.2   | 189.2   | 185.5   | 181.8   | 178.1   | 174.4   | 170.7   |
| 80°   | 282.0   | 282.0   | 282.0   | 282.0   | 278.3   | 274.6   | 270.9   | 267.1   | 259.7   | 256.0   | 248.6   |
| 77.5° | 385.9   | 385.9   | 385.9   | 382.2   | 378.5   | 374.7   | 367.3   | 359.9   | 352.5   | 345.1   | 337.6   |
| 75°   | 504.6   | 504.6   | 504.6   | 497.2   | 493.5   | 486.1   | 478.6   | 471.2   | 460.1   | 449.0   | 437.8   |
| 72.5° | 627.1   | 627.1   | 627.1   | 619.6   | 612.2   | 604.8   | 597.4   | 586.2   | 575.1   | 560.3   | 545.4   |
| 70°   | 742.1   | 742.1   | 742.1   | 734.7   | 727.2   | 719.8   | 708.7   | 697.6   | 682.7   | 667.9   | 653.0   |
| 67.5° | 860.8   | 860.8   | 860.8   | 849.7   | 842.3   | 834.8   | 823.7   | 808.9   | 794.0   | 775.5   | 756.9   |
| 65°   | 957.3   | 957.3   | 953.6   | 949.9   | 942.4   | 931.3   | 923.9   | 909.0   | 894.2   | 879.4   | 860.8   |
| 62.5° | 1046.3  | 1046.3  | 1042.6  | 1038.9  | 1031.5  | 1020.4  | 1009.2  | 998.1   | 983.3   | 964.7   | 946.2   |
| 60°   | 1120.5  | 1120.5  | 1116.8  | 1113.1  | 1105.7  | 1098.3  | 1087.1  | 1076.0  | 1061.2  | 1046.3  | 1027.8  |
| 57.5° | 1194.7  | 1194.7  | 1191.0  | 1187.3  | 1179.9  | 1168.8  | 1157.6  | 1146.5  | 1131.7  | 1113.1  | 1094.6  |
| 55°   | 1272.7  | 1272.7  | 1269.0  | 1261.5  | 1254.1  | 1243.0  | 1231.9  | 1217.0  | 1198.5  | 1179.9  | 1161.4  |
| 52.5° | 1365.4  | 1365.4  | 1358.0  | 1350.6  | 1339.5  | 1328.3  | 1309.8  | 1291.2  | 1269.0  | 1246.7  | 1224.4  |
| 50°   | 1487.9  | 1487.9  | 1480.4  | 1469.3  | 1450.8  | 1432.2  | 1410.0  | 1380.3  | 1354.3  | 1324.6  | 1294.9  |
| 47.5° | 1669.7  | 1669.7  | 1654.8  | 1636.3  | 1610.3  | 1580.6  | 1539.8  | 1495.3  | 1458.2  | 1421.1  | 1376.6  |
| 45°   | 1936.8  | 1936.8  | 1914.6  | 1884.9  | 1844.1  | 1792.1  | 1732.8  | 1669.7  | 1606.6  | 1543.5  | 1480.4  |
| 42.5° | 2370.9  | 2370.9  | 2330.1  | 2278.2  | 2207.7  | 2118.6  | 2007.3  | 1903.4  | 1814.4  | 1714.2  | 1628.9  |
| 40°   | 3120.4  | 3120.4  | 3042.5  | 2946.1  | 2812.5  | 2641.8  | 2437.7  | 2274.5  | 2118.6  | 1944.2  | 1825.5  |
| 37.5° | 4452.5  | 4452.5  | 4300.3  | 4114.8  | 3855.1  | 3528.6  | 3135.3  | 2871.8  | 2582.4  | 2307.9  | 2107.5  |
| 35°   | 6804.9  | 6804.9  | 6511.7  | 6151.8  | 5650.9  | 5020.2  | 4348.6  | 3851.4  | 3298.5  | 2875.6  | 2500.8  |
| 32.5° | 10663.7 | 10663.7 | 10136.8 | 9487.5  | 8593.3  | 7461.6  | 6385.6  | 5439.4  | 4452.5  | 3751.2  | 3075.9  |
| 30°   | 15249.7 | 15249.7 | 14559.6 | 13709.9 | 12544.8 | 11075.5 | 9543.1  | 7862.3  | 6304.0  | 5053.6  | 4033.2  |
| 27.5° | 19991.6 | 19795.0 | 19201.3 | 18232.9 | 16904.6 | 15249.7 | 13338.9 | 11168.3 | 9060.8  | 6856.8  | 5398.6  |
| 25°   | 24896.7 | 24666.7 | 23987.7 | 22874.6 | 21353.3 | 19479.6 | 17327.5 | 14900.9 | 12300.0 | 9673.0  | 7149.9  |
| 22.5° | 29853.8 | 29594.1 | 28822.3 | 27564.5 | 25857.7 | 23757.7 | 21319.9 | 18622.5 | 15717.2 | 12682.1 | 9673.0  |
| 20°   | 34436.2 | 34161.6 | 33352.7 | 32043.0 | 30276.8 | 27972.7 | 25264.1 | 22273.5 | 19060.3 | 15717.2 | 12300.0 |
| 17.5° | 38272.7 | 38009.3 | 37230.1 | 35979.7 | 34436.2 | 31887.1 | 29070.9 | 25783.5 | 22273.5 | 18622.5 | 14900.9 |
| 15°   | 41074.1 | 40847.7 | 40183.6 | 39133.5 | 37560.3 | 35304.4 | 32436.3 | 29070.9 | 25264.1 | 21319.9 | 17327.5 |
| 12.5° | 42933.0 | 42751.2 | 42228.0 | 41411.7 | 40001.8 | 38109.5 | 35304.4 | 31887.1 | 27972.7 | 23757.7 | 19479.6 |
| 10°   | 43649.1 | 43560.0 | 43315.2 | 42940.4 | 41738.2 | 40001.8 | 37560.3 | 34436.2 | 30276.8 | 25857.7 | 21353.3 |
| 7.5°  | 43459.9 | 43489.5 | 43574.9 | 43478.4 | 42940.4 | 41411.7 | 39133.5 | 35979.7 | 32043.0 | 27564.5 | 22874.6 |
| 5°    | 42784.6 | 42944.1 | 43341.1 | 43574.9 | 43315.2 | 42228.0 | 40183.6 | 37230.1 | 33352.7 | 28822.3 | 23987.7 |
| 2.5°  | 42183.5 | 42432.1 | 42944.1 | 43489.5 | 43560.0 | 42751.2 | 40847.7 | 38009.3 | 34161.6 | 29594.1 | 24666.7 |
| 0°    | 41886.6 | 42183.5 | 42784.6 | 43459.9 | 43649.1 | 42933.0 | 41074.1 | 38272.7 | 34436.2 | 29853.8 | 24896.7 |

REPORT NUMBER: P623691

CATALOG NUMBER: IFLD-L-SA8A-740-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° | 44.5    | 40.8    | 40.8    | 40.8   | 37.1   | 37.1   | 37.1   | 33.4   | 33.4   | 29.7   | 29.7   |
| 85°   | 103.9   | 100.2   | 96.5    | 92.8   | 89.0   | 85.3   | 81.6   | 77.9   | 74.2   | 66.8   | 63.1   |
| 82.5° | 167.0   | 163.3   | 159.5   | 152.1  | 148.4  | 141.0  | 133.6  | 126.2  | 118.7  | 115.0  | 107.6  |
| 80°   | 241.2   | 233.8   | 226.3   | 218.9  | 207.8  | 196.7  | 189.2  | 178.1  | 170.7  | 159.5  | 152.1  |
| 77.5° | 326.5   | 315.4   | 304.3   | 289.4  | 278.3  | 267.1  | 252.3  | 241.2  | 226.3  | 211.5  | 196.7  |
| 75°   | 423.0   | 408.1   | 389.6   | 374.7  | 359.9  | 341.4  | 322.8  | 304.3  | 285.7  | 267.1  | 248.6  |
| 72.5° | 526.9   | 508.3   | 489.8   | 471.2  | 449.0  | 423.0  | 400.7  | 374.7  | 352.5  | 330.2  | 304.3  |
| 70°   | 634.5   | 612.2   | 590.0   | 567.7  | 541.7  | 512.0  | 486.1  | 456.4  | 426.7  | 397.0  | 367.3  |
| 67.5° | 734.7   | 712.4   | 686.4   | 664.2  | 634.5  | 604.8  | 571.4  | 538.0  | 504.6  | 467.5  | 430.4  |
| 65°   | 838.5   | 812.6   | 782.9   | 753.2  | 723.5  | 690.1  | 656.7  | 623.3  | 582.5  | 541.7  | 504.6  |
| 62.5° | 923.9   | 901.6   | 875.7   | 846.0  | 812.6  | 775.5  | 742.1  | 697.6  | 656.7  | 615.9  | 567.7  |
| 60°   | 1005.5  | 979.5   | 957.3   | 923.9  | 894.2  | 860.8  | 820.0  | 775.5  | 730.9  | 682.7  | 638.2  |
| 57.5° | 1076.0  | 1053.8  | 1027.8  | 998.1  | 964.7  | 931.3  | 894.2  | 853.4  | 801.4  | 753.2  | 701.3  |
| 55°   | 1139.1  | 1113.1  | 1087.1  | 1061.2 | 1031.5 | 994.4  | 957.3  | 916.5  | 871.9  | 820.0  | 764.3  |
| 52.5° | 1202.2  | 1176.2  | 1146.5  | 1120.5 | 1087.1 | 1053.8 | 1016.6 | 975.8  | 931.3  | 883.1  | 823.7  |
| 50°   | 1265.2  | 1235.6  | 1205.9  | 1172.5 | 1139.1 | 1105.7 | 1068.6 | 1031.5 | 983.3  | 935.0  | 883.1  |
| 47.5° | 1339.5  | 1302.3  | 1265.2  | 1228.1 | 1194.7 | 1153.9 | 1116.8 | 1076.0 | 1035.2 | 983.3  | 931.3  |
| 45°   | 1432.2  | 1376.6  | 1332.0  | 1287.5 | 1246.7 | 1205.9 | 1161.4 | 1120.5 | 1076.0 | 1031.5 | 975.8  |
| 42.5° | 1547.2  | 1473.0  | 1413.7  | 1354.3 | 1302.3 | 1254.1 | 1209.6 | 1161.4 | 1116.8 | 1068.6 | 1016.6 |
| 40°   | 1703.1  | 1602.9  | 1506.4  | 1432.2 | 1365.4 | 1306.1 | 1254.1 | 1205.9 | 1153.9 | 1105.7 | 1053.8 |
| 37.5° | 1907.1  | 1766.1  | 1632.6  | 1525.0 | 1439.6 | 1365.4 | 1302.3 | 1246.7 | 1194.7 | 1139.1 | 1087.1 |
| 35°   | 2215.1  | 1970.2  | 1799.5  | 1643.7 | 1525.0 | 1432.2 | 1354.3 | 1287.5 | 1228.1 | 1172.5 | 1120.5 |
| 32.5° | 2649.2  | 2270.8  | 1996.2  | 1799.5 | 1632.6 | 1506.4 | 1413.7 | 1332.0 | 1265.2 | 1205.9 | 1146.5 |
| 30°   | 3220.6  | 2697.5  | 2270.8  | 1970.2 | 1766.1 | 1602.9 | 1473.0 | 1376.6 | 1302.3 | 1235.6 | 1176.2 |
| 27.5° | 4126.0  | 3220.6  | 2649.2  | 2215.1 | 1907.1 | 1703.1 | 1547.2 | 1432.2 | 1339.5 | 1265.2 | 1202.2 |
| 25°   | 5398.6  | 4033.2  | 3075.9  | 2500.8 | 2107.5 | 1825.5 | 1628.9 | 1480.4 | 1376.6 | 1294.9 | 1224.4 |
| 22.5° | 6856.8  | 5053.6  | 3751.2  | 2875.6 | 2307.9 | 1944.2 | 1714.2 | 1543.5 | 1421.1 | 1324.6 | 1246.7 |
| 20°   | 9060.8  | 6304.0  | 4452.5  | 3298.5 | 2582.4 | 2118.6 | 1814.4 | 1606.6 | 1458.2 | 1354.3 | 1269.0 |
| 17.5° | 11168.3 | 7862.3  | 5439.4  | 3851.4 | 2871.8 | 2274.5 | 1903.4 | 1669.7 | 1495.3 | 1380.3 | 1291.2 |
| 15°   | 13338.9 | 9543.1  | 6385.6  | 4348.6 | 3135.3 | 2437.7 | 2007.3 | 1732.8 | 1539.8 | 1410.0 | 1309.8 |
| 12.5° | 15249.7 | 11075.5 | 7461.6  | 5020.2 | 3528.6 | 2641.8 | 2118.6 | 1792.1 | 1580.6 | 1432.2 | 1328.3 |
| 10°   | 16904.6 | 12544.8 | 8593.3  | 5650.9 | 3855.1 | 2812.5 | 2207.7 | 1844.1 | 1610.3 | 1450.8 | 1339.5 |
| 7.5°  | 18232.9 | 13709.9 | 9487.5  | 6151.8 | 4114.8 | 2946.1 | 2278.2 | 1884.9 | 1636.3 | 1469.3 | 1350.6 |
| 5°    | 19201.3 | 14559.6 | 10136.8 | 6511.7 | 4300.3 | 3042.5 | 2330.1 | 1914.6 | 1654.8 | 1480.4 | 1358.0 |
| 2.5°  | 19795.0 | 15249.7 | 10663.7 | 6804.9 | 4452.5 | 3120.4 | 2370.9 | 1936.8 | 1669.7 | 1487.9 | 1365.4 |
| 0°    | 19991.6 | 15249.7 | 10663.7 | 6804.9 | 4452.5 | 3120.4 | 2370.9 | 1936.8 | 1669.7 | 1487.9 | 1365.4 |



REPORT NUMBER: P623691

CATALOG NUMBER: IFLD-L-SA8A-740-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° | 26.0   | 26.0   | 22.3   | 22.3   | 18.6  | 18.6  | 14.8  | 14.8  | 11.1  | 11.1  | 7.4   |
| 85°   | 59.4   | 51.9   | 48.2   | 44.5   | 40.8  | 37.1  | 33.4  | 29.7  | 26.0  | 22.3  | 18.6  |
| 82.5° | 100.2  | 92.8   | 81.6   | 74.2   | 66.8  | 59.4  | 48.2  | 44.5  | 37.1  | 29.7  | 26.0  |
| 80°   | 141.0  | 129.9  | 118.7  | 107.6  | 96.5  | 85.3  | 74.2  | 63.1  | 51.9  | 40.8  | 33.4  |
| 77.5° | 181.8  | 167.0  | 155.8  | 141.0  | 126.2 | 111.3 | 96.5  | 81.6  | 66.8  | 51.9  | 40.8  |
| 75°   | 230.0  | 211.5  | 192.9  | 174.4  | 155.8 | 137.3 | 122.4 | 103.9 | 85.3  | 66.8  | 51.9  |
| 72.5° | 282.0  | 256.0  | 233.8  | 211.5  | 185.5 | 167.0 | 144.7 | 126.2 | 103.9 | 81.6  | 63.1  |
| 70°   | 337.6  | 308.0  | 278.3  | 248.6  | 222.6 | 192.9 | 170.7 | 144.7 | 122.4 | 96.5  | 74.2  |
| 67.5° | 393.3  | 359.9  | 326.5  | 289.4  | 256.0 | 226.3 | 192.9 | 167.0 | 137.3 | 111.3 | 85.3  |
| 65°   | 460.1  | 415.6  | 374.7  | 333.9  | 293.1 | 256.0 | 222.6 | 185.5 | 155.8 | 126.2 | 96.5  |
| 62.5° | 523.2  | 474.9  | 426.7  | 378.5  | 333.9 | 289.4 | 248.6 | 211.5 | 174.4 | 141.0 | 107.6 |
| 60°   | 586.2  | 534.3  | 478.6  | 426.7  | 374.7 | 326.5 | 278.3 | 233.8 | 192.9 | 155.8 | 118.7 |
| 57.5° | 649.3  | 590.0  | 534.3  | 474.9  | 415.6 | 359.9 | 308.0 | 256.0 | 211.5 | 167.0 | 129.9 |
| 55°   | 705.0  | 649.3  | 586.2  | 523.2  | 460.1 | 393.3 | 337.6 | 282.0 | 230.0 | 181.8 | 141.0 |
| 52.5° | 764.3  | 701.3  | 638.2  | 567.7  | 504.6 | 430.4 | 367.3 | 304.3 | 248.6 | 196.7 | 152.1 |
| 50°   | 820.0  | 753.2  | 682.7  | 615.9  | 541.7 | 467.5 | 397.0 | 330.2 | 267.1 | 211.5 | 159.5 |
| 47.5° | 871.9  | 801.4  | 730.9  | 656.7  | 582.5 | 504.6 | 426.7 | 352.5 | 285.7 | 226.3 | 170.7 |
| 45°   | 916.5  | 853.4  | 775.5  | 697.6  | 623.3 | 538.0 | 456.4 | 374.7 | 304.3 | 241.2 | 178.1 |
| 42.5° | 957.3  | 894.2  | 820.0  | 742.1  | 656.7 | 571.4 | 486.1 | 400.7 | 322.8 | 252.3 | 189.2 |
| 40°   | 994.4  | 931.3  | 860.8  | 775.5  | 690.1 | 604.8 | 512.0 | 423.0 | 341.4 | 267.1 | 196.7 |
| 37.5° | 1031.5 | 964.7  | 894.2  | 812.6  | 723.5 | 634.5 | 541.7 | 449.0 | 359.9 | 278.3 | 207.8 |
| 35°   | 1061.2 | 998.1  | 923.9  | 846.0  | 753.2 | 664.2 | 567.7 | 471.2 | 374.7 | 289.4 | 218.9 |
| 32.5° | 1087.1 | 1027.8 | 957.3  | 875.7  | 782.9 | 686.4 | 590.0 | 489.8 | 389.6 | 304.3 | 226.3 |
| 30°   | 1113.1 | 1053.8 | 979.5  | 901.6  | 812.6 | 712.4 | 612.2 | 508.3 | 408.1 | 315.4 | 233.8 |
| 27.5° | 1139.1 | 1076.0 | 1005.5 | 923.9  | 838.5 | 734.7 | 634.5 | 526.9 | 423.0 | 326.5 | 241.2 |
| 25°   | 1161.4 | 1094.6 | 1027.8 | 946.2  | 860.8 | 756.9 | 653.0 | 545.4 | 437.8 | 337.6 | 248.6 |
| 22.5° | 1179.9 | 1113.1 | 1046.3 | 964.7  | 879.4 | 775.5 | 667.9 | 560.3 | 449.0 | 345.1 | 256.0 |
| 20°   | 1198.5 | 1131.7 | 1061.2 | 983.3  | 894.2 | 794.0 | 682.7 | 575.1 | 460.1 | 352.5 | 259.7 |
| 17.5° | 1217.0 | 1146.5 | 1076.0 | 998.1  | 909.0 | 808.9 | 697.6 | 586.2 | 471.2 | 359.9 | 267.1 |
| 15°   | 1231.9 | 1157.6 | 1087.1 | 1009.2 | 923.9 | 823.7 | 708.7 | 597.4 | 478.6 | 367.3 | 270.9 |
| 12.5° | 1243.0 | 1168.8 | 1098.3 | 1020.4 | 931.3 | 834.8 | 719.8 | 604.8 | 486.1 | 374.7 | 274.6 |
| 10°   | 1254.1 | 1179.9 | 1105.7 | 1031.5 | 942.4 | 842.3 | 727.2 | 612.2 | 493.5 | 378.5 | 278.3 |
| 7.5°  | 1261.5 | 1187.3 | 1113.1 | 1038.9 | 949.9 | 849.7 | 734.7 | 619.6 | 497.2 | 382.2 | 282.0 |
| 5°    | 1269.0 | 1191.0 | 1116.8 | 1042.6 | 953.6 | 860.8 | 742.1 | 627.1 | 504.6 | 385.9 | 282.0 |
| 2.5°  | 1272.7 | 1194.7 | 1120.5 | 1046.3 | 957.3 | 860.8 | 742.1 | 627.1 | 504.6 | 385.9 | 282.0 |
| 0°    | 1272.7 | 1194.7 | 1120.5 | 1046.3 | 957.3 | 860.8 | 742.1 | 627.1 | 504.6 | 385.9 | 282.0 |

REPORT NUMBER: P623691

CATALOG NUMBER: IFLD-L-SA8A-740-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° | 18.6  | 11.1  | 7.4   | 0.0 |
| 80°   | 26.0  | 18.6  | 7.4   | 0.0 |
| 77.5° | 29.7  | 22.3  | 11.1  | 0.0 |
| 75°   | 37.1  | 26.0  | 11.1  | 0.0 |
| 72.5° | 44.5  | 29.7  | 14.8  | 0.0 |
| 70°   | 48.2  | 33.4  | 14.8  | 0.0 |
| 67.5° | 59.4  | 37.1  | 18.6  | 0.0 |
| 65°   | 66.8  | 40.8  | 18.6  | 0.0 |
| 62.5° | 74.2  | 44.5  | 22.3  | 0.0 |
| 60°   | 81.6  | 48.2  | 22.3  | 0.0 |
| 57.5° | 92.8  | 51.9  | 26.0  | 0.0 |
| 55°   | 100.2 | 59.4  | 26.0  | 0.0 |
| 52.5° | 107.6 | 63.1  | 29.7  | 0.0 |
| 50°   | 115.0 | 66.8  | 29.7  | 0.0 |
| 47.5° | 118.7 | 74.2  | 33.4  | 0.0 |
| 45°   | 126.2 | 77.9  | 33.4  | 0.0 |
| 42.5° | 133.6 | 81.6  | 37.1  | 0.0 |
| 40°   | 141.0 | 85.3  | 37.1  | 0.0 |
| 37.5° | 148.4 | 89.0  | 37.1  | 0.0 |
| 35°   | 152.1 | 92.8  | 40.8  | 0.0 |
| 32.5° | 159.5 | 96.5  | 40.8  | 0.0 |
| 30°   | 163.3 | 100.2 | 40.8  | 0.0 |
| 27.5° | 167.0 | 103.9 | 44.5  | 0.0 |
| 25°   | 170.7 | 103.9 | 44.5  | 0.0 |
| 22.5° | 174.4 | 107.6 | 44.5  | 0.0 |
| 20°   | 178.1 | 111.3 | 44.5  | 0.0 |
| 17.5° | 181.8 | 111.3 | 44.5  | 0.0 |
| 15°   | 185.5 | 115.0 | 48.2  | 0.0 |
| 12.5° | 189.2 | 115.0 | 48.2  | 0.0 |
| 10°   | 189.2 | 118.7 | 48.2  | 0.0 |
| 7.5°  | 192.9 | 118.7 | 48.2  | 0.0 |
| 5°    | 192.9 | 118.7 | 48.2  | 0.0 |
| 2.5°  | 192.9 | 118.7 | 48.2  | 0.0 |
| 0°    | 192.9 | 118.7 | 48.2  | 0.0 |

(END OF REPORT)