

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: P623655

Luminaire Tested: **IFLD-M-SA4D-735-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623655  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4D-735-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (64) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 32172.1 lumens                       | Max Intensity:       | 39315.7 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 128.8 lumens/watt                    |                      |                 |
| Luminous Opening: | Rectangular (W 2' x L: 0.5' 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:      | 15990.4 lumens  | Field Lumens:      | 20795.9 lumens  |
| Beam Efficiency:  | 49.7%           | Field Efficiency:  | 64.6%           |

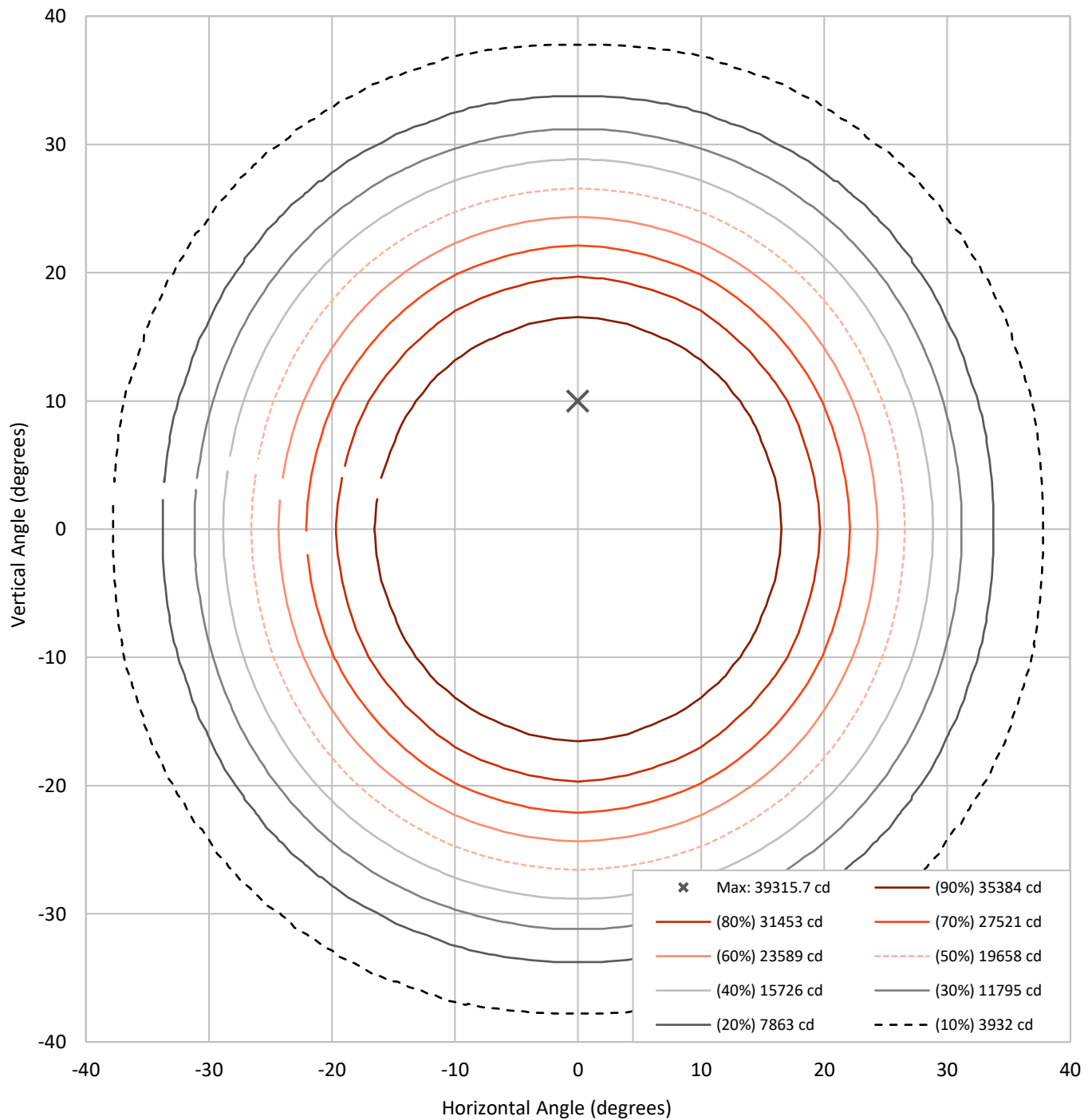
Input Watts (W): 249.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P623655

CATALOG NUMBER: IFLD-M-SA4D-735-U-55

## Iso-Candela Plot



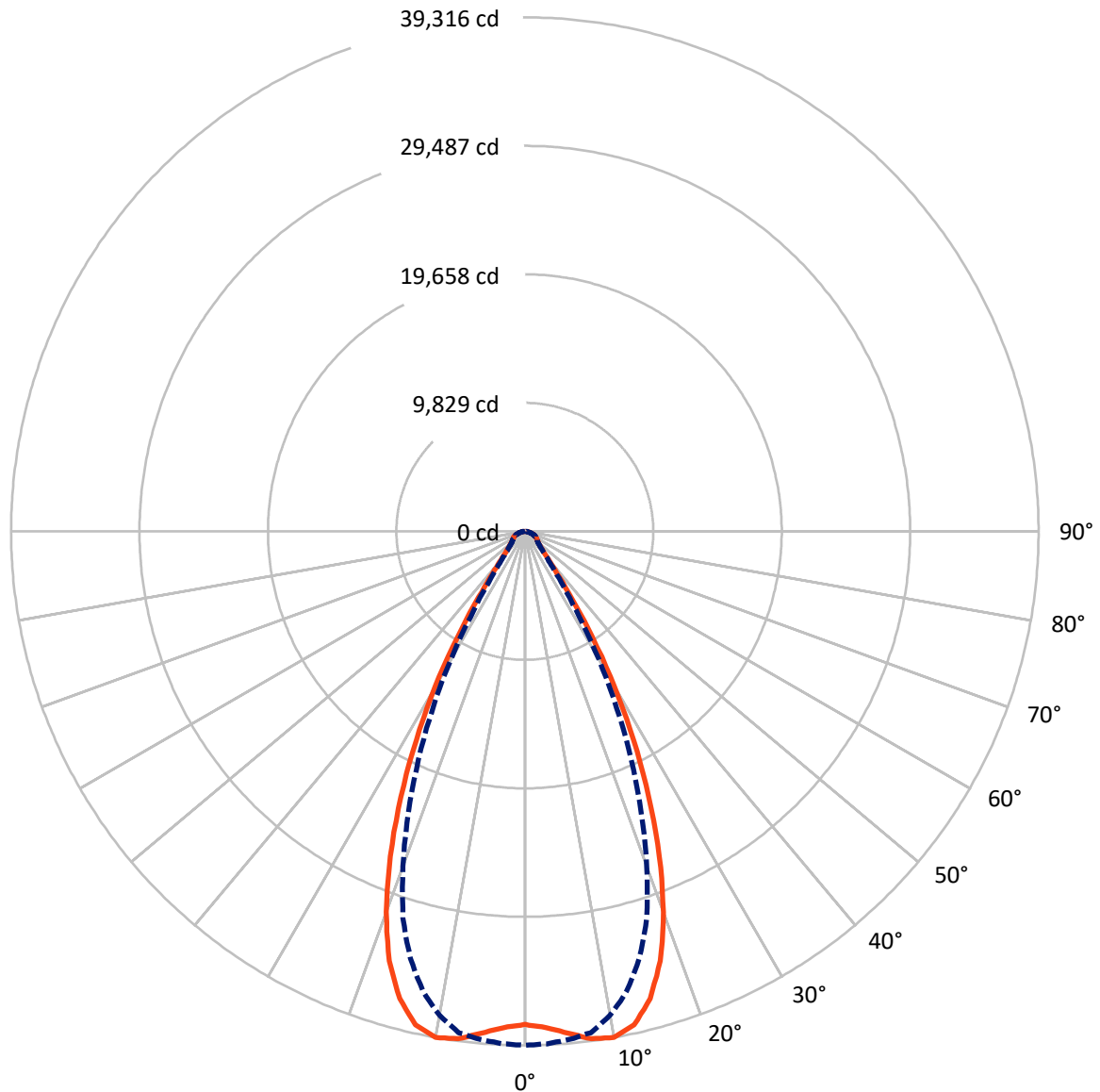
REPORT NUMBER: P623655  
CATALOG NUMBER: IFLD-M-SA4D-735-U-55

## Lumen Table

|     |     |                            |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |    |    |    |
|-----|-----|----------------------------|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|------|-----|-----|----|----|----|
| 90  | 0.9 |                            | 7.1  |      | 18.4  |       | 29.7   |        | 34.4   |        | 29.7  |       | 18.4 |      | 7.1  |     | 0.9 |    |    |    |
| 80  |     |                            |      |      |       |       |        |        |        |        |       |       |      |      |      |     |     |    |    |    |
| 70  | 3.2 | 3.5                        | 7.3  | 12.0 | 16.9  | 21.1  | 24.1   | 25.8   | 25.8   | 24.1   | 21.1  | 16.9  | 12.0 | 7.3  | 3.5  | 3.2 |     |    |    |    |
| 60  |     | 5.4                        | 11.1 | 17.7 | 23.7  | 28.8  | 32.7   | 34.9   | 34.9   | 32.7   | 28.8  | 23.7  | 17.7 | 11.1 | 5.4  |     |     |    |    |    |
| 50  | 5.7 | 7.3                        | 14.4 | 21.7 | 29.1  | 37.7  | 47.7   | 55.4   | 55.4   | 47.7   | 37.7  | 29.1  | 21.7 | 14.4 | 7.3  | 5.7 |     |    |    |    |
| 40  |     | 8.8                        | 16.7 | 25.2 | 38.2  | 68.0  | 132.8  | 200.3  | 200.3  | 132.8  | 68.0  | 38.2  | 25.2 | 16.7 | 8.8  |     |     |    |    |    |
| 30  | 7.6 | 10.0                       | 18.3 | 29.5 | 61.7  | 196.6 | 455.5  | 646.5  | 646.5  | 455.5  | 196.6 | 61.7  | 29.5 | 18.3 | 10.0 | 7.6 |     |    |    |    |
| 20  |     | 10.7                       | 19.5 | 35.2 | 113.9 | 429.0 | 839.4  | 1070.1 | 1070.1 | 839.4  | 429.0 | 113.9 | 35.2 | 19.5 | 10.7 |     |     |    |    |    |
| 10  | 8.3 | 11.1                       | 20.2 | 39.7 | 167.1 | 591.0 | 1038.5 | 1177.6 | 1177.6 | 1038.5 | 591.0 | 167.1 | 39.7 | 20.2 | 11.1 | 8.3 |     |    |    |    |
| 0   |     | 11.1                       | 20.2 | 39.7 | 167.1 | 591.0 | 1038.5 | 1177.6 | 1177.6 | 1038.5 | 591.0 | 167.1 | 39.7 | 20.2 | 11.1 |     |     |    |    |    |
| -10 | 7.6 | 10.7                       | 19.5 | 35.2 | 113.9 | 429.0 | 839.4  | 1070.1 | 1070.1 | 839.4  | 429.0 | 113.9 | 35.2 | 19.5 | 10.7 | 7.6 |     |    |    |    |
| -20 |     | 10.0                       | 18.3 | 29.5 | 61.7  | 196.6 | 455.5  | 646.5  | 646.5  | 455.5  | 196.6 | 61.7  | 29.5 | 18.3 | 10.0 |     |     |    |    |    |
| -30 | 5.7 | 8.8                        | 16.7 | 25.2 | 38.2  | 68.0  | 132.8  | 200.3  | 200.3  | 132.8  | 68.0  | 38.2  | 25.2 | 16.7 | 8.8  | 5.7 |     |    |    |    |
| -40 |     | 7.3                        | 14.4 | 21.7 | 29.1  | 37.7  | 47.7   | 55.4   | 55.4   | 47.7   | 37.7  | 29.1  | 21.7 | 14.4 | 7.3  |     |     |    |    |    |
| -50 | 3.2 | 5.4                        | 11.1 | 17.7 | 23.7  | 28.8  | 32.7   | 34.9   | 34.9   | 32.7   | 28.8  | 23.7  | 17.7 | 11.1 | 5.4  | 3.2 |     |    |    |    |
| -60 |     | 3.5                        | 7.3  | 12.0 | 16.9  | 21.1  | 24.1   | 25.8   | 25.8   | 24.1   | 21.1  | 16.9  | 12.0 | 7.3  | 3.5  |     |     |    |    |    |
| -70 | 0.9 |                            | 7.1  |      | 18.4  |       | 29.7   |        | 34.4   |        | 29.7  |       | 18.4 |      | 7.1  |     | 0.9 |    |    |    |
| -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: P623655  
CATALOG NUMBER: IFLD-M-SA4D-735-U-55

## Luminous Intensity Polar Plot

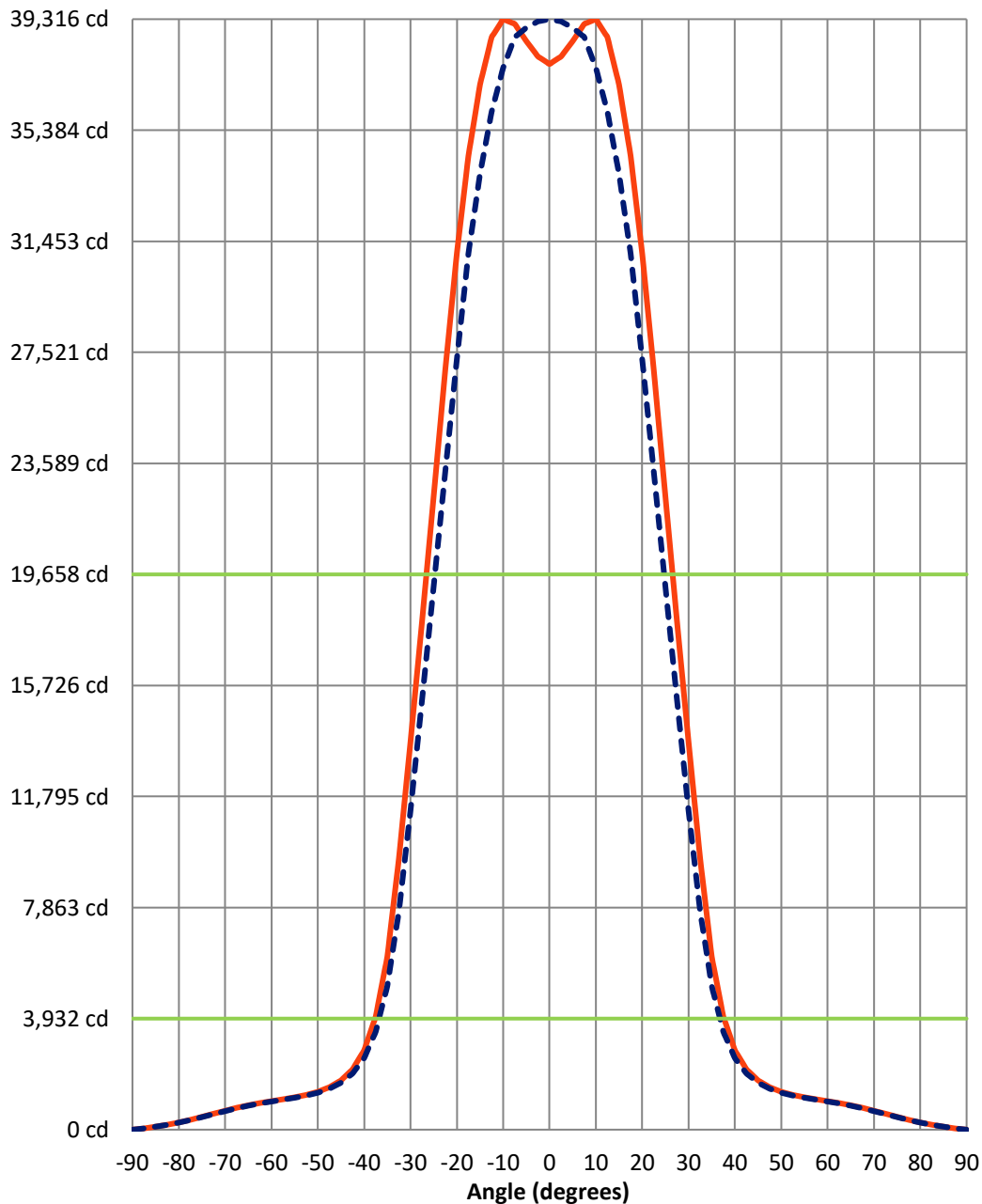


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg

REPORT NUMBER: P623655

CATALOG NUMBER: IFLD-M-SA4D-735-U-55

## Luminous Intensity Plot



### Beam:

H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 15990.4  
Efficiency: 49.7%

### Field:

H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 20795.9  
Efficiency: 64.6%

### Spill:

Lumens: 11376.2  
Efficiency: 35.4%

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

REPORT NUMBER: P623655

CATALOG NUMBER: IFLD-M-SA4D-735-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° | 43.4    | 43.4    | 43.4    | 43.4    | 43.4    | 43.4    | 43.4    | 40.1    | 40.1    | 40.1    | 40.1    |
| 85°   | 106.9   | 106.9   | 106.9   | 106.9   | 106.9   | 103.6   | 103.6   | 100.3   | 100.3   | 96.9    | 93.6    |
| 82.5° | 173.8   | 173.8   | 173.8   | 173.8   | 170.4   | 170.4   | 167.1   | 163.8   | 160.4   | 157.1   | 153.7   |
| 80°   | 254.0   | 254.0   | 254.0   | 254.0   | 250.7   | 247.3   | 244.0   | 240.6   | 233.9   | 230.6   | 223.9   |
| 77.5° | 347.6   | 347.6   | 347.6   | 344.2   | 340.9   | 337.5   | 330.9   | 324.2   | 317.5   | 310.8   | 304.1   |
| 75°   | 454.5   | 454.5   | 454.5   | 447.8   | 444.5   | 437.8   | 431.1   | 424.4   | 414.4   | 404.4   | 394.4   |
| 72.5° | 564.8   | 564.8   | 564.8   | 558.1   | 551.4   | 544.8   | 538.1   | 528.0   | 518.0   | 504.6   | 491.3   |
| 70°   | 668.4   | 668.4   | 668.4   | 661.7   | 655.0   | 648.4   | 638.3   | 628.3   | 614.9   | 601.6   | 588.2   |
| 67.5° | 775.4   | 775.4   | 775.4   | 765.3   | 758.6   | 752.0   | 741.9   | 728.6   | 715.2   | 698.5   | 681.8   |
| 65°   | 862.2   | 862.2   | 858.9   | 855.6   | 848.9   | 838.9   | 832.2   | 818.8   | 805.4   | 792.1   | 775.4   |
| 62.5° | 942.5   | 942.5   | 939.1   | 935.8   | 929.1   | 919.1   | 909.0   | 899.0   | 885.6   | 868.9   | 852.2   |
| 60°   | 1009.3  | 1009.3  | 1006.0  | 1002.6  | 995.9   | 989.2   | 979.2   | 969.2   | 955.8   | 942.5   | 925.7   |
| 57.5° | 1076.1  | 1076.1  | 1072.8  | 1069.5  | 1062.8  | 1052.7  | 1042.7  | 1032.7  | 1019.3  | 1002.6  | 985.9   |
| 55°   | 1146.3  | 1146.3  | 1143.0  | 1136.3  | 1129.6  | 1119.6  | 1109.6  | 1096.2  | 1079.5  | 1062.8  | 1046.1  |
| 52.5° | 1229.9  | 1229.9  | 1223.2  | 1216.5  | 1206.5  | 1196.4  | 1179.7  | 1163.0  | 1143.0  | 1122.9  | 1102.9  |
| 50°   | 1340.2  | 1340.2  | 1333.5  | 1323.4  | 1306.7  | 1290.0  | 1270.0  | 1243.2  | 1219.8  | 1193.1  | 1166.4  |
| 47.5° | 1503.9  | 1503.9  | 1490.5  | 1473.8  | 1450.4  | 1423.7  | 1386.9  | 1346.8  | 1313.4  | 1280.0  | 1239.9  |
| 45°   | 1744.5  | 1744.5  | 1724.5  | 1697.8  | 1661.0  | 1614.2  | 1560.7  | 1503.9  | 1447.1  | 1390.3  | 1333.5  |
| 42.5° | 2135.6  | 2135.6  | 2098.8  | 2052.0  | 1988.5  | 1908.3  | 1808.0  | 1714.5  | 1634.3  | 1544.0  | 1467.2  |
| 40°   | 2810.7  | 2810.7  | 2740.5  | 2653.6  | 2533.3  | 2379.5  | 2195.7  | 2048.7  | 1908.3  | 1751.2  | 1644.3  |
| 37.5° | 4010.4  | 4010.4  | 3873.4  | 3706.3  | 3472.4  | 3178.3  | 2824.0  | 2586.7  | 2326.1  | 2078.7  | 1898.3  |
| 35°   | 6129.3  | 6129.3  | 5865.3  | 5541.1  | 5089.9  | 4521.8  | 3916.9  | 3469.0  | 2971.1  | 2590.1  | 2252.5  |
| 32.5° | 9605.0  | 9605.0  | 9130.4  | 8545.6  | 7740.1  | 6720.8  | 5751.6  | 4899.4  | 4010.4  | 3378.8  | 2770.5  |
| 30°   | 13735.8 | 13735.8 | 13114.1 | 12348.8 | 11299.4 | 9976.0  | 8595.7  | 7081.8  | 5678.1  | 4551.8  | 3632.8  |
| 27.5° | 18006.9 | 17829.7 | 17295.0 | 16422.8 | 15226.3 | 13735.8 | 12014.6 | 10059.5 | 8161.2  | 6176.1  | 4862.7  |
| 25°   | 22425.0 | 22217.8 | 21606.2 | 20603.6 | 19233.4 | 17545.7 | 15607.3 | 13421.6 | 11078.8 | 8712.7  | 6440.1  |
| 22.5° | 26890.0 | 26656.1 | 25960.9 | 24828.0 | 23290.6 | 21399.0 | 19203.3 | 16773.7 | 14156.9 | 11423.1 | 8712.7  |
| 20°   | 31017.4 | 30770.1 | 30041.5 | 28861.8 | 27271.0 | 25195.6 | 22755.9 | 20062.2 | 17168.0 | 14156.9 | 11078.8 |
| 17.5° | 34473.1 | 34235.8 | 33534.0 | 32407.7 | 31017.4 | 28721.4 | 26184.8 | 23223.8 | 20062.2 | 16773.7 | 13421.6 |
| 15°   | 36996.3 | 36792.4 | 36194.2 | 35248.4 | 33831.4 | 31799.4 | 29216.1 | 26184.8 | 22755.9 | 19203.3 | 15607.3 |
| 12.5° | 38670.7 | 38506.9 | 38035.7 | 37300.4 | 36030.5 | 34326.0 | 31799.4 | 28721.4 | 25195.6 | 21399.0 | 17545.7 |
| 10°   | 39315.7 | 39235.5 | 39014.9 | 38677.4 | 37594.5 | 36030.5 | 33831.4 | 31017.4 | 27271.0 | 23290.6 | 19233.4 |
| 7.5°  | 39145.2 | 39172.0 | 39248.8 | 39161.9 | 38677.4 | 37300.4 | 35248.4 | 32407.7 | 28861.8 | 24828.0 | 20603.6 |
| 5°    | 38537.0 | 38680.7 | 39038.3 | 39248.8 | 39014.9 | 38035.7 | 36194.2 | 33534.0 | 30041.5 | 25960.9 | 21606.2 |
| 2.5°  | 37995.6 | 38219.5 | 38680.7 | 39172.0 | 39235.5 | 38506.9 | 36792.4 | 34235.8 | 30770.1 | 26656.1 | 22217.8 |
| 0°    | 37728.2 | 37995.6 | 38537.0 | 39145.2 | 39315.7 | 38670.7 | 36996.3 | 34473.1 | 31017.4 | 26890.0 | 22425.0 |

REPORT NUMBER: P623655

CATALOG NUMBER: IFLD-M-SA4D-735-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° | 40.1    | 36.8    | 36.8   | 36.8   | 33.4   | 33.4   | 33.4   | 30.1   | 30.1   | 26.7   | 26.7   |
| 85°   | 93.6    | 90.2    | 86.9   | 83.6   | 80.2   | 76.9   | 73.5   | 70.2   | 66.8   | 60.2   | 56.8   |
| 82.5° | 150.4   | 147.0   | 143.7  | 137.0  | 133.7  | 127.0  | 120.3  | 113.6  | 106.9  | 103.6  | 96.9   |
| 80°   | 217.2   | 210.5   | 203.9  | 197.2  | 187.2  | 177.1  | 170.4  | 160.4  | 153.7  | 143.7  | 137.0  |
| 77.5° | 294.1   | 284.1   | 274.0  | 260.7  | 250.7  | 240.6  | 227.3  | 217.2  | 203.9  | 190.5  | 177.1  |
| 75°   | 381.0   | 367.6   | 350.9  | 337.5  | 324.2  | 307.5  | 290.8  | 274.0  | 257.3  | 240.6  | 223.9  |
| 72.5° | 474.6   | 457.9   | 441.1  | 424.4  | 404.4  | 381.0  | 360.9  | 337.5  | 317.5  | 297.4  | 274.0  |
| 70°   | 571.5   | 551.4   | 531.4  | 511.3  | 487.9  | 461.2  | 437.8  | 411.1  | 384.3  | 357.6  | 330.9  |
| 67.5° | 661.7   | 641.7   | 618.3  | 598.2  | 571.5  | 544.8  | 514.7  | 484.6  | 454.5  | 421.1  | 387.7  |
| 65°   | 755.3   | 731.9   | 705.2  | 678.4  | 651.7  | 621.6  | 591.5  | 561.5  | 524.7  | 487.9  | 454.5  |
| 62.5° | 832.2   | 812.1   | 788.7  | 762.0  | 731.9  | 698.5  | 668.4  | 628.3  | 591.5  | 554.8  | 511.3  |
| 60°   | 905.7   | 882.3   | 862.2  | 832.2  | 805.4  | 775.4  | 738.6  | 698.5  | 658.4  | 614.9  | 574.8  |
| 57.5° | 969.2   | 949.1   | 925.7  | 899.0  | 868.9  | 838.9  | 805.4  | 768.7  | 721.9  | 678.4  | 631.6  |
| 55°   | 1026.0  | 1002.6  | 979.2  | 955.8  | 929.1  | 895.7  | 862.2  | 825.5  | 785.4  | 738.6  | 688.5  |
| 52.5° | 1082.8  | 1059.4  | 1032.7 | 1009.3 | 979.2  | 949.1  | 915.7  | 879.0  | 838.9  | 795.4  | 741.9  |
| 50°   | 1139.6  | 1112.9  | 1086.2 | 1056.1 | 1026.0 | 995.9  | 962.5  | 929.1  | 885.6  | 842.2  | 795.4  |
| 47.5° | 1206.5  | 1173.1  | 1139.6 | 1106.2 | 1076.1 | 1039.4 | 1006.0 | 969.2  | 932.4  | 885.6  | 838.9  |
| 45°   | 1290.0  | 1239.9  | 1199.8 | 1159.7 | 1122.9 | 1086.2 | 1046.1 | 1009.3 | 969.2  | 929.1  | 879.0  |
| 42.5° | 1393.6  | 1326.8  | 1273.3 | 1219.8 | 1173.1 | 1129.6 | 1089.5 | 1046.1 | 1006.0 | 962.5  | 915.7  |
| 40°   | 1534.0  | 1443.8  | 1356.9 | 1290.0 | 1229.9 | 1176.4 | 1129.6 | 1086.2 | 1039.4 | 995.9  | 949.1  |
| 37.5° | 1717.8  | 1590.8  | 1470.5 | 1373.6 | 1296.7 | 1229.9 | 1173.1 | 1122.9 | 1076.1 | 1026.0 | 979.2  |
| 35°   | 1995.2  | 1774.6  | 1620.9 | 1480.5 | 1373.6 | 1290.0 | 1219.8 | 1159.7 | 1106.2 | 1056.1 | 1009.3 |
| 32.5° | 2386.2  | 2045.3  | 1798.0 | 1620.9 | 1470.5 | 1356.9 | 1273.3 | 1199.8 | 1139.6 | 1086.2 | 1032.7 |
| 30°   | 2900.9  | 2429.7  | 2045.3 | 1774.6 | 1590.8 | 1443.8 | 1326.8 | 1239.9 | 1173.1 | 1112.9 | 1059.4 |
| 27.5° | 3716.3  | 2900.9  | 2386.2 | 1995.2 | 1717.8 | 1534.0 | 1393.6 | 1290.0 | 1206.5 | 1139.6 | 1082.8 |
| 25°   | 4862.7  | 3632.8  | 2770.5 | 2252.5 | 1898.3 | 1644.3 | 1467.2 | 1333.5 | 1239.9 | 1166.4 | 1102.9 |
| 22.5° | 6176.1  | 4551.8  | 3378.8 | 2590.1 | 2078.7 | 1751.2 | 1544.0 | 1390.3 | 1280.0 | 1193.1 | 1122.9 |
| 20°   | 8161.2  | 5678.1  | 4010.4 | 2971.1 | 2326.1 | 1908.3 | 1634.3 | 1447.1 | 1313.4 | 1219.8 | 1143.0 |
| 17.5° | 10059.5 | 7081.8  | 4899.4 | 3469.0 | 2586.7 | 2048.7 | 1714.5 | 1503.9 | 1346.8 | 1243.2 | 1163.0 |
| 15°   | 12014.6 | 8595.7  | 5751.6 | 3916.9 | 2824.0 | 2195.7 | 1808.0 | 1560.7 | 1386.9 | 1270.0 | 1179.7 |
| 12.5° | 13735.8 | 9976.0  | 6720.8 | 4521.8 | 3178.3 | 2379.5 | 1908.3 | 1614.2 | 1423.7 | 1290.0 | 1196.4 |
| 10°   | 15226.3 | 11299.4 | 7740.1 | 5089.9 | 3472.4 | 2533.3 | 1988.5 | 1661.0 | 1450.4 | 1306.7 | 1206.5 |
| 7.5°  | 16422.8 | 12348.8 | 8545.6 | 5541.1 | 3706.3 | 2653.6 | 2052.0 | 1697.8 | 1473.8 | 1323.4 | 1216.5 |
| 5°    | 17295.0 | 13114.1 | 9130.4 | 5865.3 | 3873.4 | 2740.5 | 2098.8 | 1724.5 | 1490.5 | 1333.5 | 1223.2 |
| 2.5°  | 17829.7 | 13735.8 | 9605.0 | 6129.3 | 4010.4 | 2810.7 | 2135.6 | 1744.5 | 1503.9 | 1340.2 | 1229.9 |
| 0°    | 18006.9 | 13735.8 | 9605.0 | 6129.3 | 4010.4 | 2810.7 | 2135.6 | 1744.5 | 1503.9 | 1340.2 | 1229.9 |

REPORT NUMBER: P623655

CATALOG NUMBER: IFLD-M-SA4D-735-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° | 23.4   | 23.4   | 20.1   | 20.1  | 16.7  | 16.7  | 13.4  | 13.4  | 10.0  | 10.0  | 6.7   |
| 85°   | 53.5   | 46.8   | 43.4   | 40.1  | 36.8  | 33.4  | 30.1  | 26.7  | 23.4  | 20.1  | 16.7  |
| 82.5° | 90.2   | 83.6   | 73.5   | 66.8  | 60.2  | 53.5  | 43.4  | 40.1  | 33.4  | 26.7  | 23.4  |
| 80°   | 127.0  | 117.0  | 106.9  | 96.9  | 86.9  | 76.9  | 66.8  | 56.8  | 46.8  | 36.8  | 30.1  |
| 77.5° | 163.8  | 150.4  | 140.4  | 127.0 | 113.6 | 100.3 | 86.9  | 73.5  | 60.2  | 46.8  | 36.8  |
| 75°   | 207.2  | 190.5  | 173.8  | 157.1 | 140.4 | 123.7 | 110.3 | 93.6  | 76.9  | 60.2  | 46.8  |
| 72.5° | 254.0  | 230.6  | 210.5  | 190.5 | 167.1 | 150.4 | 130.3 | 113.6 | 93.6  | 73.5  | 56.8  |
| 70°   | 304.1  | 277.4  | 250.7  | 223.9 | 200.5 | 173.8 | 153.7 | 130.3 | 110.3 | 86.9  | 66.8  |
| 67.5° | 354.3  | 324.2  | 294.1  | 260.7 | 230.6 | 203.9 | 173.8 | 150.4 | 123.7 | 100.3 | 76.9  |
| 65°   | 414.4  | 374.3  | 337.5  | 300.8 | 264.0 | 230.6 | 200.5 | 167.1 | 140.4 | 113.6 | 86.9  |
| 62.5° | 471.2  | 427.8  | 384.3  | 340.9 | 300.8 | 260.7 | 223.9 | 190.5 | 157.1 | 127.0 | 96.9  |
| 60°   | 528.0  | 481.3  | 431.1  | 384.3 | 337.5 | 294.1 | 250.7 | 210.5 | 173.8 | 140.4 | 106.9 |
| 57.5° | 584.9  | 531.4  | 481.3  | 427.8 | 374.3 | 324.2 | 277.4 | 230.6 | 190.5 | 150.4 | 117.0 |
| 55°   | 635.0  | 584.9  | 528.0  | 471.2 | 414.4 | 354.3 | 304.1 | 254.0 | 207.2 | 163.8 | 127.0 |
| 52.5° | 688.5  | 631.6  | 574.8  | 511.3 | 454.5 | 387.7 | 330.9 | 274.0 | 223.9 | 177.1 | 137.0 |
| 50°   | 738.6  | 678.4  | 614.9  | 554.8 | 487.9 | 421.1 | 357.6 | 297.4 | 240.6 | 190.5 | 143.7 |
| 47.5° | 785.4  | 721.9  | 658.4  | 591.5 | 524.7 | 454.5 | 384.3 | 317.5 | 257.3 | 203.9 | 153.7 |
| 45°   | 825.5  | 768.7  | 698.5  | 628.3 | 561.5 | 484.6 | 411.1 | 337.5 | 274.0 | 217.2 | 160.4 |
| 42.5° | 862.2  | 805.4  | 738.6  | 668.4 | 591.5 | 514.7 | 437.8 | 360.9 | 290.8 | 227.3 | 170.4 |
| 40°   | 895.7  | 838.9  | 775.4  | 698.5 | 621.6 | 544.8 | 461.2 | 381.0 | 307.5 | 240.6 | 177.1 |
| 37.5° | 929.1  | 868.9  | 805.4  | 731.9 | 651.7 | 571.5 | 487.9 | 404.4 | 324.2 | 250.7 | 187.2 |
| 35°   | 955.8  | 899.0  | 832.2  | 762.0 | 678.4 | 598.2 | 511.3 | 424.4 | 337.5 | 260.7 | 197.2 |
| 32.5° | 979.2  | 925.7  | 862.2  | 788.7 | 705.2 | 618.3 | 531.4 | 441.1 | 350.9 | 274.0 | 203.9 |
| 30°   | 1002.6 | 949.1  | 882.3  | 812.1 | 731.9 | 641.7 | 551.4 | 457.9 | 367.6 | 284.1 | 210.5 |
| 27.5° | 1026.0 | 969.2  | 905.7  | 832.2 | 755.3 | 661.7 | 571.5 | 474.6 | 381.0 | 294.1 | 217.2 |
| 25°   | 1046.1 | 985.9  | 925.7  | 852.2 | 775.4 | 681.8 | 588.2 | 491.3 | 394.4 | 304.1 | 223.9 |
| 22.5° | 1062.8 | 1002.6 | 942.5  | 868.9 | 792.1 | 698.5 | 601.6 | 504.6 | 404.4 | 310.8 | 230.6 |
| 20°   | 1079.5 | 1019.3 | 955.8  | 885.6 | 805.4 | 715.2 | 614.9 | 518.0 | 414.4 | 317.5 | 233.9 |
| 17.5° | 1096.2 | 1032.7 | 969.2  | 899.0 | 818.8 | 728.6 | 628.3 | 528.0 | 424.4 | 324.2 | 240.6 |
| 15°   | 1109.6 | 1042.7 | 979.2  | 909.0 | 832.2 | 741.9 | 638.3 | 538.1 | 431.1 | 330.9 | 244.0 |
| 12.5° | 1119.6 | 1052.7 | 989.2  | 919.1 | 838.9 | 752.0 | 648.4 | 544.8 | 437.8 | 337.5 | 247.3 |
| 10°   | 1129.6 | 1062.8 | 995.9  | 929.1 | 848.9 | 758.6 | 655.0 | 551.4 | 444.5 | 340.9 | 250.7 |
| 7.5°  | 1136.3 | 1069.5 | 1002.6 | 935.8 | 855.6 | 765.3 | 661.7 | 558.1 | 447.8 | 344.2 | 254.0 |
| 5°    | 1143.0 | 1072.8 | 1006.0 | 939.1 | 858.9 | 775.4 | 668.4 | 564.8 | 454.5 | 347.6 | 254.0 |
| 2.5°  | 1146.3 | 1076.1 | 1009.3 | 942.5 | 862.2 | 775.4 | 668.4 | 564.8 | 454.5 | 347.6 | 254.0 |
| 0°    | 1146.3 | 1076.1 | 1009.3 | 942.5 | 862.2 | 775.4 | 668.4 | 564.8 | 454.5 | 347.6 | 254.0 |

REPORT NUMBER: P623655

CATALOG NUMBER: IFLD-M-SA4D-735-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 6.7   | 3.3   | 3.3   | 0.0 |
| 85°   | 10.0  | 6.7   | 3.3   | 0.0 |
| 82.5° | 16.7  | 10.0  | 6.7   | 0.0 |
| 80°   | 23.4  | 16.7  | 6.7   | 0.0 |
| 77.5° | 26.7  | 20.1  | 10.0  | 0.0 |
| 75°   | 33.4  | 23.4  | 10.0  | 0.0 |
| 72.5° | 40.1  | 26.7  | 13.4  | 0.0 |
| 70°   | 43.4  | 30.1  | 13.4  | 0.0 |
| 67.5° | 53.5  | 33.4  | 16.7  | 0.0 |
| 65°   | 60.2  | 36.8  | 16.7  | 0.0 |
| 62.5° | 66.8  | 40.1  | 20.1  | 0.0 |
| 60°   | 73.5  | 43.4  | 20.1  | 0.0 |
| 57.5° | 83.6  | 46.8  | 23.4  | 0.0 |
| 55°   | 90.2  | 53.5  | 23.4  | 0.0 |
| 52.5° | 96.9  | 56.8  | 26.7  | 0.0 |
| 50°   | 103.6 | 60.2  | 26.7  | 0.0 |
| 47.5° | 106.9 | 66.8  | 30.1  | 0.0 |
| 45°   | 113.6 | 70.2  | 30.1  | 0.0 |
| 42.5° | 120.3 | 73.5  | 33.4  | 0.0 |
| 40°   | 127.0 | 76.9  | 33.4  | 0.0 |
| 37.5° | 133.7 | 80.2  | 33.4  | 0.0 |
| 35°   | 137.0 | 83.6  | 36.8  | 0.0 |
| 32.5° | 143.7 | 86.9  | 36.8  | 0.0 |
| 30°   | 147.0 | 90.2  | 36.8  | 0.0 |
| 27.5° | 150.4 | 93.6  | 40.1  | 0.0 |
| 25°   | 153.7 | 93.6  | 40.1  | 0.0 |
| 22.5° | 157.1 | 96.9  | 40.1  | 0.0 |
| 20°   | 160.4 | 100.3 | 40.1  | 0.0 |
| 17.5° | 163.8 | 100.3 | 40.1  | 0.0 |
| 15°   | 167.1 | 103.6 | 43.4  | 0.0 |
| 12.5° | 170.4 | 103.6 | 43.4  | 0.0 |
| 10°   | 170.4 | 106.9 | 43.4  | 0.0 |
| 7.5°  | 173.8 | 106.9 | 43.4  | 0.0 |
| 5°    | 173.8 | 106.9 | 43.4  | 0.0 |
| 2.5°  | 173.8 | 106.9 | 43.4  | 0.0 |
| 0°    | 173.8 | 106.9 | 43.4  | 0.0 |

(END OF REPORT)