

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: P623419

Luminaire Tested: **IFLD-S-SA6E-740-U-44**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623419  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6E-740-U-44  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 4 distribution lens  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                      |                      |                  |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 4H x 4V          |
| Luminaire Lumens: | 54941.4 lumens                       | Max Intensity:       | 177655.4 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 118.4 lumens/watt                    |                      |                  |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |

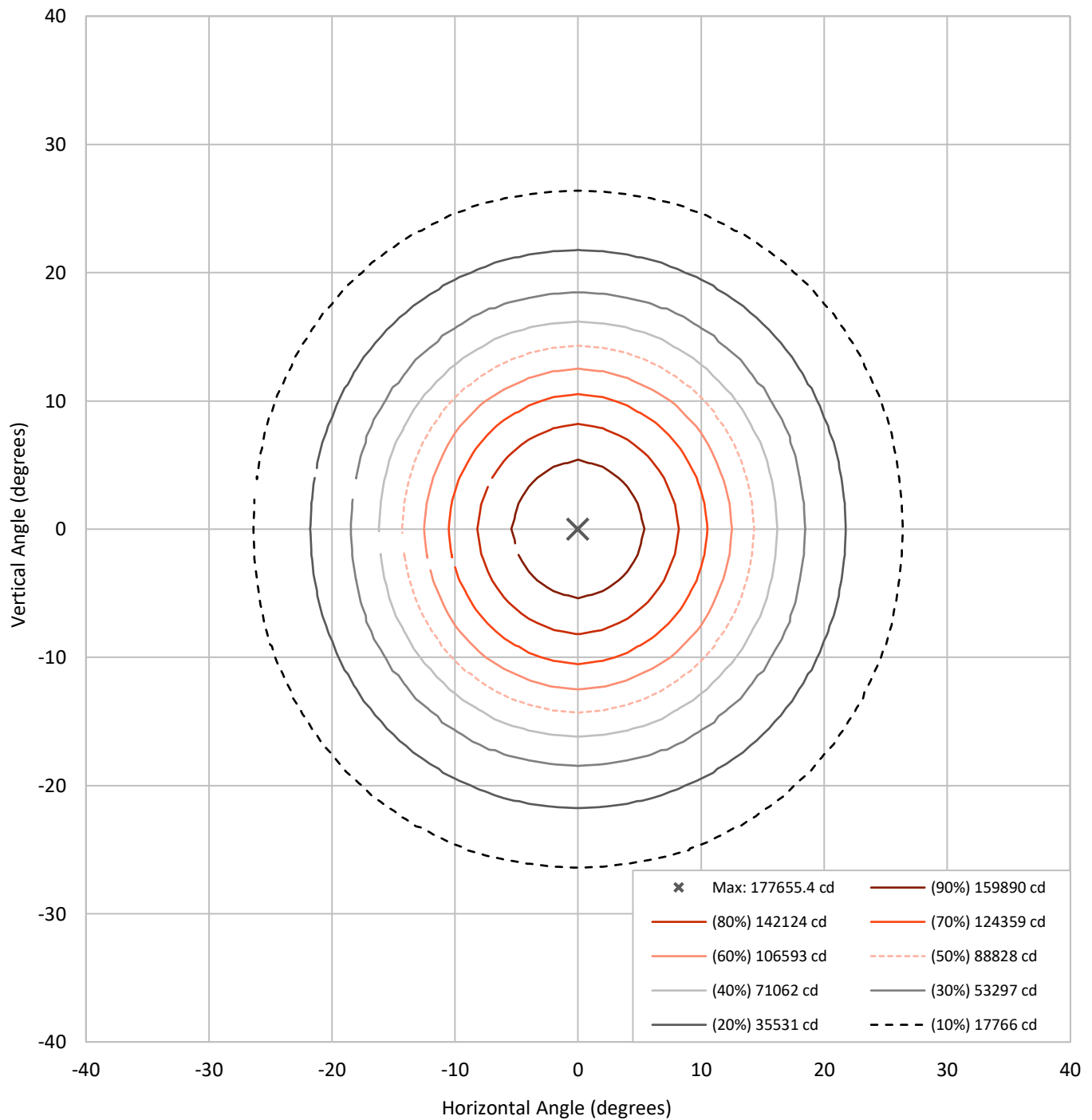
|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 28.6°H x 28.6°V | Field Angle (10%): | 52.7°H x 52.7°V |
| Beam Lumens:      | 19823.9 lumens  | Field Lumens:      | 33475.3 lumens  |
| Beam Efficiency:  | 36.1%           | Field Efficiency:  | 60.9%           |

Input Watts (W): 464.2  
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: P623419  
CATALOG NUMBER: IFLD-S-SA6E-740-U-44

## Iso-Candela Plot



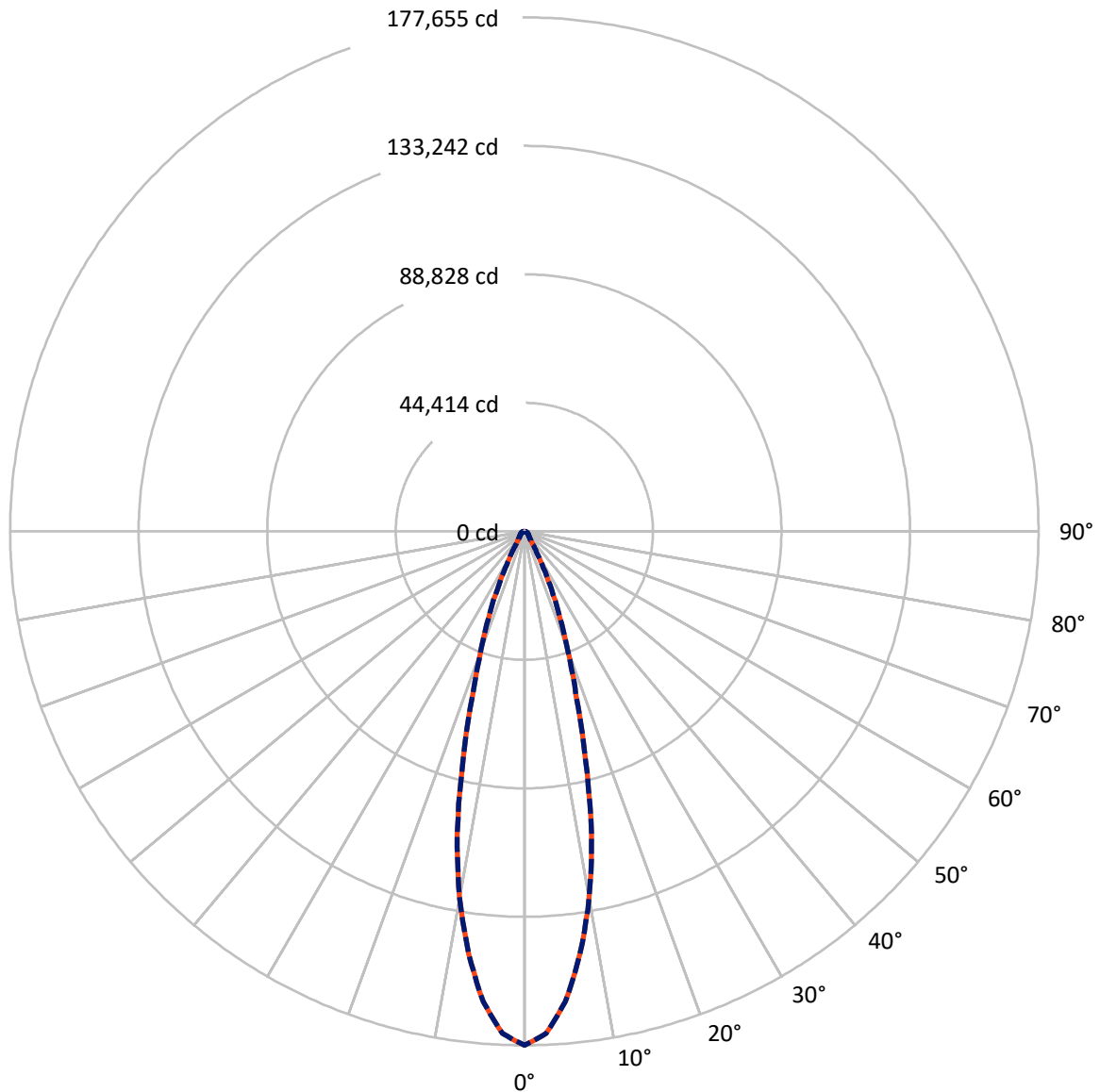
REPORT NUMBER: P623419  
CATALOG NUMBER: IFLD-S-SA6E-740-U-44

## Lumen Table

|     |      |  |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |  |
|-----|------|--|------|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|------|------|--|
| 90  |      |  |      |      |      |       |       |        |        |        |        |       |       |      |      |      |      |  |
| 80  | 1.3  |  | 9.3  |      | 23.6 |       | 37.8  |        | 43.6   |        | 37.8   |       | 23.6  |      | 9.3  |      | 1.3  |  |
| 70  | 4.2  |  | 4.5  | 9.1  | 15.0 | 21.1  | 26.6  | 30.6   | 32.8   | 32.8   | 30.6   | 26.6  | 21.1  | 15.0 | 9.1  | 4.5  | 4.2  |  |
| 60  |      |  | 6.8  | 13.9 | 22.3 | 30.8  | 38.3  | 44.0   | 47.1   | 47.1   | 44.0   | 38.3  | 30.8  | 22.3 | 13.9 | 6.8  |      |  |
| 50  | 7.3  |  | 9.1  | 18.1 | 28.7 | 39.3  | 49.9  | 59.6   | 65.7   | 65.7   | 59.6   | 49.9  | 39.3  | 28.7 | 18.1 | 9.1  | 7.3  |  |
| 40  |      |  | 11.0 | 21.7 | 34.0 | 48.8  | 69.5  | 101.4  | 135.0  | 135.0  | 101.4  | 69.5  | 48.8  | 34.0 | 21.7 | 11.0 |      |  |
| 30  | 9.6  |  | 12.5 | 24.4 | 39.1 | 62.9  | 131.8 | 361.4  | 654.7  | 654.7  | 361.4  | 131.8 | 62.9  | 39.1 | 24.4 | 12.5 | 9.6  |  |
| 20  |      |  | 13.6 | 26.3 | 43.8 | 86.5  | 341.2 | 1173.4 | 2263.5 | 2263.5 | 1173.4 | 341.2 | 86.5  | 43.8 | 26.3 | 13.6 |      |  |
| 10  | 10.5 |  | 14.1 | 27.2 | 46.9 | 112.2 | 601.1 | 2202.1 | 4341.5 | 4341.5 | 2202.1 | 601.1 | 112.2 | 46.9 | 27.2 | 14.1 | 10.5 |  |
| 0   |      |  | 14.1 | 27.2 | 46.9 | 112.2 | 601.1 | 2202.1 | 4341.5 | 4341.5 | 2202.1 | 601.1 | 112.2 | 46.9 | 27.2 | 14.1 |      |  |
| -10 | 9.6  |  | 13.6 | 26.3 | 43.8 | 86.5  | 341.2 | 1173.4 | 2263.5 | 2263.5 | 1173.4 | 341.2 | 86.5  | 43.8 | 26.3 | 13.6 | 9.6  |  |
| -20 |      |  | 12.5 | 24.4 | 39.1 | 62.9  | 131.8 | 361.4  | 654.7  | 654.7  | 361.4  | 131.8 | 62.9  | 39.1 | 24.4 | 12.5 |      |  |
| -30 | 7.3  |  | 11.0 | 21.7 | 34.0 | 48.8  | 69.5  | 101.4  | 135.0  | 135.0  | 101.4  | 69.5  | 48.8  | 34.0 | 21.7 | 11.0 | 7.3  |  |
| -40 |      |  | 9.1  | 18.1 | 28.7 | 39.3  | 49.9  | 59.6   | 65.7   | 65.7   | 59.6   | 49.9  | 39.3  | 28.7 | 18.1 | 9.1  |      |  |
| -50 | 4.2  |  | 6.8  | 13.9 | 22.3 | 30.8  | 38.3  | 44.0   | 47.1   | 47.1   | 44.0   | 38.3  | 30.8  | 22.3 | 13.9 | 6.8  | 4.2  |  |
| -60 |      |  | 4.5  | 9.1  | 15.0 | 21.1  | 26.6  | 30.6   | 32.8   | 32.8   | 30.6   | 26.6  | 21.1  | 15.0 | 9.1  | 4.5  |      |  |
| -70 | 1.3  |  |      |      |      |       |       |        |        |        |        |       |       |      |      |      | 1.3  |  |
| -80 |      |  | 9.3  |      | 23.6 |       | 37.8  |        | 43.6   |        | 37.8   |       | 23.6  |      | 9.3  |      |      |  |
| -90 | 1.3  |  | 9.3  |      | 23.6 |       | 37.8  |        | 43.6   |        | 37.8   |       | 23.6  |      | 9.3  |      | 1.3  |  |

REPORT NUMBER: P623419  
CATALOG NUMBER: IFLD-S-SA6E-740-U-44

## Luminous Intensity Polar Plot

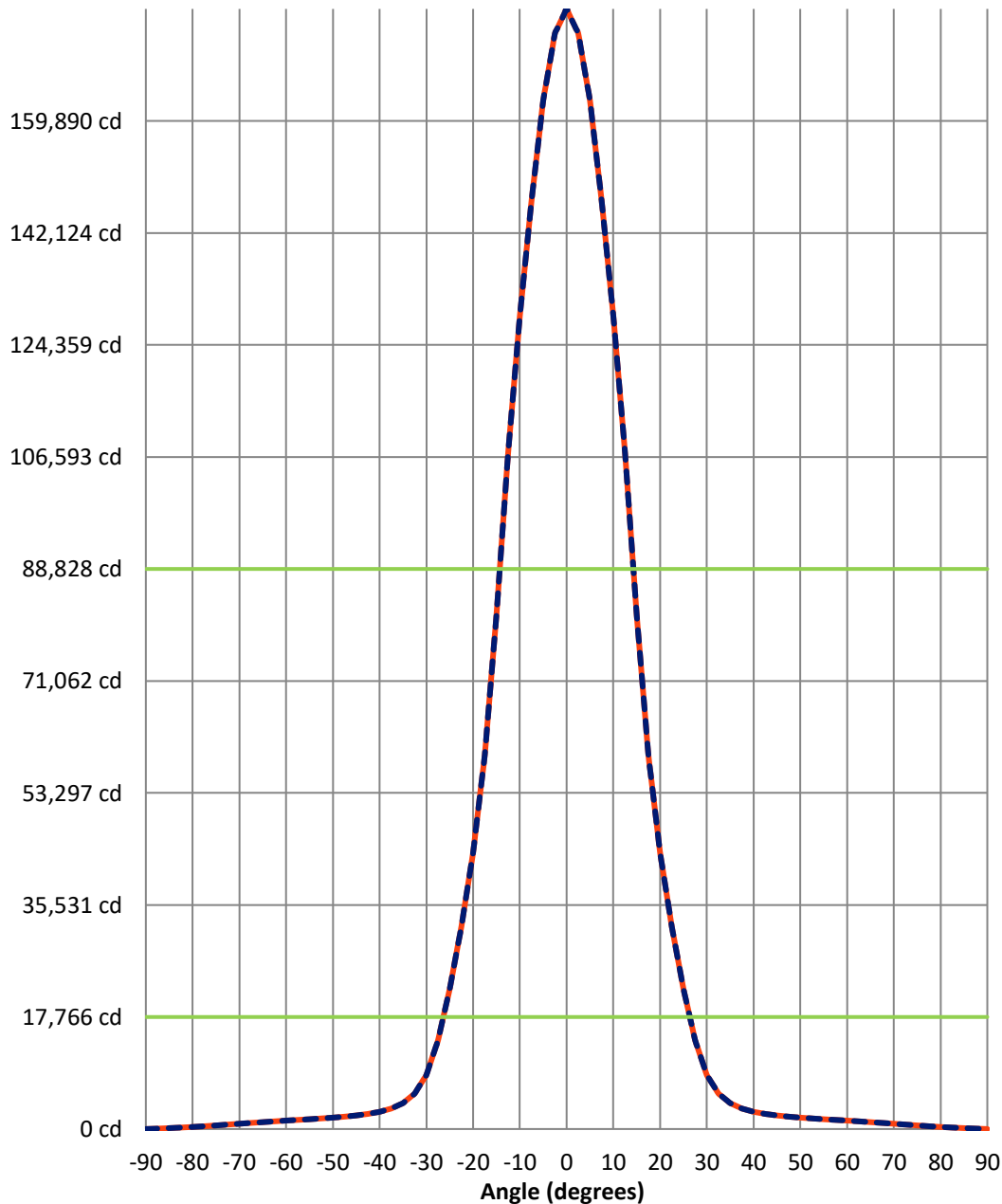


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



REPORT NUMBER: P623419  
CATALOG NUMBER: IFLD-S-SA6E-740-U-44

Luminous Intensity Plot



**Beam:**  
H Angle: 28.6°  
V Angle: 28.6°  
Lumens: 19823.9  
Efficiency: 36.1%

**Field:**  
H Angle: 52.7°  
V Angle: 52.7°  
Lumens: 33475.3  
Efficiency: 60.9%

**Spill:**  
Lumens: 21466  
Efficiency: 39.1%

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

REPORT NUMBER: P623419

CATALOG NUMBER: IFLD-S-SA6E-740-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° | 63.0     | 63.0     | 63.0     | 63.0     | 63.0     | 63.0     | 63.0    | 57.3    | 57.3    | 57.3    | 57.3    |
| 85°   | 143.2    | 143.2    | 143.2    | 143.2    | 143.2    | 137.5    | 137.5   | 137.5   | 131.7   | 131.7   | 126.0   |
| 82.5° | 229.1    | 229.1    | 229.1    | 229.1    | 223.4    | 223.4    | 217.7   | 217.7   | 211.9   | 211.9   | 206.2   |
| 80°   | 326.5    | 326.5    | 326.5    | 326.5    | 320.8    | 315.1    | 315.1   | 309.3   | 303.6   | 297.9   | 292.1   |
| 77.5° | 441.1    | 441.1    | 441.1    | 435.3    | 429.6    | 429.6    | 423.9   | 412.4   | 406.7   | 395.2   | 389.5   |
| 75°   | 567.1    | 567.1    | 567.1    | 561.4    | 555.6    | 549.9    | 538.5   | 532.7   | 521.3   | 509.8   | 492.6   |
| 72.5° | 704.6    | 704.6    | 704.6    | 698.8    | 687.4    | 681.7    | 670.2   | 658.7   | 647.3   | 630.1   | 612.9   |
| 70°   | 836.3    | 836.3    | 836.3    | 824.9    | 819.1    | 807.7    | 796.2   | 784.8   | 767.6   | 750.4   | 733.2   |
| 67.5° | 968.1    | 968.1    | 968.1    | 956.6    | 950.9    | 939.4    | 928.0   | 910.8   | 893.6   | 870.7   | 853.5   |
| 65°   | 1088.4   | 1088.4   | 1082.6   | 1076.9   | 1071.2   | 1059.7   | 1042.5  | 1031.1  | 1013.9  | 991.0   | 968.1   |
| 62.5° | 1214.4   | 1214.4   | 1208.7   | 1202.9   | 1191.5   | 1180.0   | 1162.8  | 1145.6  | 1122.7  | 1099.8  | 1076.9  |
| 60°   | 1340.4   | 1340.4   | 1334.7   | 1329.0   | 1317.5   | 1300.3   | 1283.1  | 1265.9  | 1243.0  | 1214.4  | 1185.7  |
| 57.5° | 1443.5   | 1443.5   | 1437.8   | 1432.1   | 1420.6   | 1409.1   | 1392.0  | 1374.8  | 1351.9  | 1329.0  | 1294.6  |
| 55°   | 1552.4   | 1552.4   | 1546.6   | 1535.2   | 1523.7   | 1512.3   | 1495.1  | 1472.2  | 1449.2  | 1420.6  | 1397.7  |
| 52.5° | 1678.4   | 1678.4   | 1672.6   | 1661.2   | 1644.0   | 1626.8   | 1603.9  | 1575.3  | 1546.6  | 1518.0  | 1483.6  |
| 50°   | 1804.4   | 1804.4   | 1792.9   | 1781.5   | 1770.0   | 1747.1   | 1724.2  | 1695.6  | 1661.2  | 1626.8  | 1586.7  |
| 47.5° | 1959.1   | 1959.1   | 1947.6   | 1930.4   | 1907.5   | 1884.6   | 1850.2  | 1810.1  | 1775.8  | 1735.7  | 1689.8  |
| 45°   | 2148.1   | 2148.1   | 2130.9   | 2113.7   | 2085.1   | 2045.0   | 2004.9  | 1959.1  | 1907.5  | 1855.9  | 1798.7  |
| 42.5° | 2394.4   | 2394.4   | 2371.5   | 2342.8   | 2302.7   | 2251.2   | 2188.2  | 2125.2  | 2062.2  | 1993.4  | 1924.7  |
| 40°   | 2726.6   | 2726.6   | 2692.3   | 2652.2   | 2589.2   | 2514.7   | 2423.0  | 2337.1  | 2251.2  | 2153.8  | 2067.9  |
| 37.5° | 3247.9   | 3247.9   | 3190.6   | 3116.2   | 3013.1   | 2887.0   | 2732.4  | 2617.8  | 2486.1  | 2360.0  | 2245.5  |
| 35°   | 4101.4   | 4101.4   | 3998.3   | 3866.6   | 3683.3   | 3454.1   | 3207.8  | 3013.1  | 2795.4  | 2617.8  | 2451.7  |
| 32.5° | 5619.4   | 5619.4   | 5413.2   | 5155.4   | 4806.0   | 4359.2   | 3946.8  | 3603.1  | 3247.9  | 2973.0  | 2709.5  |
| 30°   | 8558.0   | 8558.0   | 8116.9   | 7572.7   | 6822.3   | 5882.9   | 5178.3  | 4519.6  | 3918.1  | 3465.6  | 3081.8  |
| 27.5° | 14074.3  | 13845.1  | 13157.8  | 12029.3  | 10482.7  | 8558.0   | 7332.1  | 5940.2  | 4989.3  | 4124.3  | 3591.6  |
| 25°   | 22219.8  | 21841.8  | 20707.6  | 18857.3  | 16336.9  | 13478.5  | 10975.3 | 8334.6  | 6667.7  | 5229.9  | 4238.9  |
| 22.5° | 32118.2  | 31596.9  | 30056.0  | 27541.3  | 24133.0  | 20329.5  | 16279.6 | 12481.8 | 9102.2  | 6914.0  | 5229.9  |
| 20°   | 43838.2  | 43139.3  | 41071.4  | 37714.7  | 33200.8  | 28360.5  | 22953.0 | 17866.4 | 12991.6 | 9102.2  | 6667.7  |
| 17.5° | 59310.1  | 58244.7  | 55111.3  | 50070.5  | 43838.2  | 37313.7  | 30554.4 | 23989.8 | 17866.4 | 12481.8 | 8334.6  |
| 15°   | 81552.9  | 79754.2  | 74495.7  | 66143.9  | 56440.3  | 47343.8  | 38722.9 | 30554.4 | 22953.0 | 16279.6 | 10975.3 |
| 12.5° | 107266.9 | 104763.7 | 97517.4  | 86215.6  | 73029.2  | 58645.7  | 47343.8 | 37313.7 | 28360.5 | 20329.5 | 13478.5 |
| 10°   | 128931.1 | 126290.4 | 118803.6 | 107467.4 | 90746.7  | 73029.2  | 56440.3 | 43838.2 | 33200.8 | 24133.0 | 16336.9 |
| 7.5°  | 147232.8 | 144277.0 | 136205.9 | 123804.3 | 107467.4 | 86215.6  | 66143.9 | 50070.5 | 37714.7 | 27541.3 | 18857.3 |
| 5°    | 163128.6 | 159382.4 | 149988.1 | 136205.9 | 118803.6 | 97517.4  | 74495.7 | 55111.3 | 41071.4 | 30056.0 | 20707.6 |
| 2.5°  | 173748.8 | 169349.5 | 159382.4 | 144277.0 | 126290.4 | 104763.7 | 79754.2 | 58244.7 | 43139.3 | 31596.9 | 21841.8 |
| 0°    | 177655.4 | 173748.8 | 163128.6 | 147232.8 | 128931.1 | 107266.9 | 81552.9 | 59310.1 | 43838.2 | 32118.2 | 22219.8 |

REPORT NUMBER: P623419

CATALOG NUMBER: IFLD-S-SA6E-740-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° | 57.3    | 57.3   | 51.6   | 51.6   | 51.6   | 45.8   | 45.8   | 45.8   | 40.1   | 40.1   | 40.1   |
| 85°   | 126.0   | 120.3  | 120.3  | 114.6  | 108.8  | 103.1  | 103.1  | 97.4   | 91.7   | 85.9   | 80.2   |
| 82.5° | 200.5   | 194.8  | 189.0  | 183.3  | 177.6  | 166.1  | 160.4  | 154.7  | 143.2  | 137.5  | 131.7  |
| 80°   | 280.7   | 275.0  | 263.5  | 257.8  | 246.3  | 234.9  | 223.4  | 211.9  | 200.5  | 189.0  | 177.6  |
| 77.5° | 378.1   | 360.9  | 349.4  | 338.0  | 320.8  | 309.3  | 292.1  | 280.7  | 263.5  | 246.3  | 229.1  |
| 75°   | 481.2   | 464.0  | 446.8  | 429.6  | 412.4  | 389.5  | 372.3  | 349.4  | 332.2  | 309.3  | 292.1  |
| 72.5° | 595.7   | 572.8  | 549.9  | 527.0  | 504.1  | 481.2  | 458.3  | 429.6  | 406.7  | 378.1  | 349.4  |
| 70°   | 710.3   | 687.4  | 664.5  | 635.8  | 607.2  | 578.6  | 549.9  | 515.5  | 486.9  | 452.5  | 418.2  |
| 67.5° | 830.6   | 802.0  | 773.3  | 744.7  | 716.0  | 681.7  | 641.6  | 607.2  | 567.1  | 527.0  | 492.6  |
| 65°   | 945.2   | 916.5  | 882.1  | 847.8  | 813.4  | 779.0  | 738.9  | 698.8  | 653.0  | 607.2  | 567.1  |
| 62.5° | 1048.3  | 1019.6 | 991.0  | 950.9  | 916.5  | 876.4  | 836.3  | 784.8  | 738.9  | 693.1  | 641.6  |
| 60°   | 1157.1  | 1122.7 | 1088.4 | 1048.3 | 1008.2 | 968.1  | 922.2  | 870.7  | 824.9  | 767.6  | 716.0  |
| 57.5° | 1260.2  | 1225.8 | 1185.7 | 1145.6 | 1099.8 | 1054.0 | 1008.2 | 956.6  | 905.1  | 847.8  | 790.5  |
| 55°   | 1363.3  | 1329.0 | 1288.9 | 1243.0 | 1191.5 | 1139.9 | 1088.4 | 1036.8 | 985.3  | 922.2  | 859.2  |
| 52.5° | 1449.2  | 1414.9 | 1374.8 | 1340.4 | 1283.1 | 1231.6 | 1174.3 | 1111.3 | 1054.0 | 991.0  | 928.0  |
| 50°   | 1540.9  | 1500.8 | 1455.0 | 1414.9 | 1369.0 | 1317.5 | 1254.5 | 1191.5 | 1122.7 | 1059.7 | 991.0  |
| 47.5° | 1644.0  | 1592.4 | 1540.9 | 1489.3 | 1443.5 | 1386.2 | 1334.7 | 1265.9 | 1197.2 | 1122.7 | 1054.0 |
| 45°   | 1747.1  | 1689.8 | 1632.5 | 1569.5 | 1512.3 | 1455.0 | 1397.7 | 1340.4 | 1265.9 | 1191.5 | 1111.3 |
| 42.5° | 1855.9  | 1787.2 | 1724.2 | 1661.2 | 1592.4 | 1523.7 | 1460.7 | 1397.7 | 1334.7 | 1254.5 | 1174.3 |
| 40°   | 1982.0  | 1901.8 | 1821.6 | 1747.1 | 1678.4 | 1598.2 | 1523.7 | 1455.0 | 1386.2 | 1317.5 | 1231.6 |
| 37.5° | 2125.2  | 2027.8 | 1930.4 | 1838.8 | 1752.8 | 1678.4 | 1592.4 | 1512.3 | 1443.5 | 1369.0 | 1283.1 |
| 35°   | 2308.5  | 2165.3 | 2050.7 | 1936.1 | 1838.8 | 1747.1 | 1661.2 | 1569.5 | 1489.3 | 1414.9 | 1340.4 |
| 32.5° | 2514.7  | 2337.1 | 2182.5 | 2050.7 | 1930.4 | 1821.6 | 1724.2 | 1632.5 | 1540.9 | 1455.0 | 1374.8 |
| 30°   | 2766.7  | 2537.6 | 2337.1 | 2165.3 | 2027.8 | 1901.8 | 1787.2 | 1689.8 | 1592.4 | 1500.8 | 1414.9 |
| 27.5° | 3121.9  | 2766.7 | 2514.7 | 2308.5 | 2125.2 | 1982.0 | 1855.9 | 1747.1 | 1644.0 | 1540.9 | 1449.2 |
| 25°   | 3591.6  | 3081.8 | 2709.5 | 2451.7 | 2245.5 | 2067.9 | 1924.7 | 1798.7 | 1689.8 | 1586.7 | 1483.6 |
| 22.5° | 4124.3  | 3465.6 | 2973.0 | 2617.8 | 2360.0 | 2153.8 | 1993.4 | 1855.9 | 1735.7 | 1626.8 | 1518.0 |
| 20°   | 4989.3  | 3918.1 | 3247.9 | 2795.4 | 2486.1 | 2251.2 | 2062.2 | 1907.5 | 1775.8 | 1661.2 | 1546.6 |
| 17.5° | 5940.2  | 4519.6 | 3603.1 | 3013.1 | 2617.8 | 2337.1 | 2125.2 | 1959.1 | 1810.1 | 1695.6 | 1575.3 |
| 15°   | 7332.1  | 5178.3 | 3946.8 | 3207.8 | 2732.4 | 2423.0 | 2188.2 | 2004.9 | 1850.2 | 1724.2 | 1603.9 |
| 12.5° | 8558.0  | 5882.9 | 4359.2 | 3454.1 | 2887.0 | 2514.7 | 2251.2 | 2045.0 | 1884.6 | 1747.1 | 1626.8 |
| 10°   | 10482.7 | 6822.3 | 4806.0 | 3683.3 | 3013.1 | 2589.2 | 2302.7 | 2085.1 | 1907.5 | 1770.0 | 1644.0 |
| 7.5°  | 12029.3 | 7572.7 | 5155.4 | 3866.6 | 3116.2 | 2652.2 | 2342.8 | 2113.7 | 1930.4 | 1781.5 | 1661.2 |
| 5°    | 13157.8 | 8116.9 | 5413.2 | 3998.3 | 3190.6 | 2692.3 | 2371.5 | 2130.9 | 1947.6 | 1792.9 | 1672.6 |
| 2.5°  | 13845.1 | 8558.0 | 5619.4 | 4101.4 | 3247.9 | 2726.6 | 2394.4 | 2148.1 | 1959.1 | 1804.4 | 1678.4 |
| 0°    | 14074.3 | 8558.0 | 5619.4 | 4101.4 | 3247.9 | 2726.6 | 2394.4 | 2148.1 | 1959.1 | 1804.4 | 1678.4 |



REPORT NUMBER: P623419

CATALOG NUMBER: IFLD-S-SA6E-740-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° | 34.4   | 34.4   | 28.6   | 28.6   | 28.6   | 22.9  | 22.9  | 17.2  | 17.2  | 11.5  | 11.5  |
| 85°   | 74.5   | 68.7   | 63.0   | 57.3   | 51.6   | 45.8  | 45.8  | 40.1  | 34.4  | 28.6  | 22.9  |
| 82.5° | 120.3  | 114.6  | 103.1  | 91.7   | 85.9   | 74.5  | 63.0  | 57.3  | 51.6  | 40.1  | 34.4  |
| 80°   | 166.1  | 154.7  | 143.2  | 131.7  | 120.3  | 103.1 | 91.7  | 80.2  | 63.0  | 51.6  | 45.8  |
| 77.5° | 217.7  | 200.5  | 183.3  | 166.1  | 148.9  | 137.5 | 120.3 | 103.1 | 85.9  | 68.7  | 51.6  |
| 75°   | 269.2  | 246.3  | 229.1  | 206.2  | 189.0  | 166.1 | 143.2 | 126.0 | 108.8 | 85.9  | 63.0  |
| 72.5° | 326.5  | 297.9  | 275.0  | 246.3  | 223.4  | 200.5 | 171.8 | 148.9 | 126.0 | 103.1 | 80.2  |
| 70°   | 389.5  | 355.2  | 320.8  | 292.1  | 263.5  | 229.1 | 200.5 | 171.8 | 143.2 | 120.3 | 91.7  |
| 67.5° | 452.5  | 412.4  | 372.3  | 332.2  | 297.9  | 263.5 | 229.1 | 200.5 | 166.1 | 137.5 | 103.1 |
| 65°   | 515.5  | 469.7  | 429.6  | 383.8  | 338.0  | 297.9 | 263.5 | 223.4 | 189.0 | 148.9 | 120.3 |
| 62.5° | 584.3  | 532.7  | 481.2  | 429.6  | 383.8  | 332.2 | 292.1 | 246.3 | 206.2 | 166.1 | 131.7 |
| 60°   | 658.7  | 601.5  | 538.5  | 481.2  | 429.6  | 372.3 | 320.8 | 275.0 | 229.1 | 183.3 | 143.2 |
| 57.5° | 727.5  | 664.5  | 601.5  | 532.7  | 469.7  | 412.4 | 355.2 | 297.9 | 246.3 | 200.5 | 154.7 |
| 55°   | 796.2  | 727.5  | 658.7  | 584.3  | 515.5  | 452.5 | 389.5 | 326.5 | 269.2 | 217.7 | 166.1 |
| 52.5° | 859.2  | 790.5  | 716.0  | 641.6  | 567.1  | 492.6 | 418.2 | 349.4 | 292.1 | 229.1 | 177.6 |
| 50°   | 922.2  | 847.8  | 767.6  | 693.1  | 607.2  | 527.0 | 452.5 | 378.1 | 309.3 | 246.3 | 189.0 |
| 47.5° | 985.3  | 905.1  | 824.9  | 738.9  | 653.0  | 567.1 | 486.9 | 406.7 | 332.2 | 263.5 | 200.5 |
| 45°   | 1036.8 | 956.6  | 870.7  | 784.8  | 698.8  | 607.2 | 515.5 | 429.6 | 349.4 | 280.7 | 211.9 |
| 42.5° | 1088.4 | 1008.2 | 922.2  | 836.3  | 738.9  | 641.6 | 549.9 | 458.3 | 372.3 | 292.1 | 223.4 |
| 40°   | 1139.9 | 1054.0 | 968.1  | 876.4  | 779.0  | 681.7 | 578.6 | 481.2 | 389.5 | 309.3 | 234.9 |
| 37.5° | 1191.5 | 1099.8 | 1008.2 | 916.5  | 813.4  | 716.0 | 607.2 | 504.1 | 412.4 | 320.8 | 246.3 |
| 35°   | 1243.0 | 1145.6 | 1048.3 | 950.9  | 847.8  | 744.7 | 635.8 | 527.0 | 429.6 | 338.0 | 257.8 |
| 32.5° | 1288.9 | 1185.7 | 1088.4 | 991.0  | 882.1  | 773.3 | 664.5 | 549.9 | 446.8 | 349.4 | 263.5 |
| 30°   | 1329.0 | 1225.8 | 1122.7 | 1019.6 | 916.5  | 802.0 | 687.4 | 572.8 | 464.0 | 360.9 | 275.0 |
| 27.5° | 1363.3 | 1260.2 | 1157.1 | 1048.3 | 945.2  | 830.6 | 710.3 | 595.7 | 481.2 | 378.1 | 280.7 |
| 25°   | 1397.7 | 1294.6 | 1185.7 | 1076.9 | 968.1  | 853.5 | 733.2 | 612.9 | 492.6 | 389.5 | 292.1 |
| 22.5° | 1420.6 | 1329.0 | 1214.4 | 1099.8 | 991.0  | 870.7 | 750.4 | 630.1 | 509.8 | 395.2 | 297.9 |
| 20°   | 1449.2 | 1351.9 | 1243.0 | 1122.7 | 1013.9 | 893.6 | 767.6 | 647.3 | 521.3 | 406.7 | 303.6 |
| 17.5° | 1472.2 | 1374.8 | 1265.9 | 1145.6 | 1031.1 | 910.8 | 784.8 | 658.7 | 532.7 | 412.4 | 309.3 |
| 15°   | 1495.1 | 1392.0 | 1283.1 | 1162.8 | 1042.5 | 928.0 | 796.2 | 670.2 | 538.5 | 423.9 | 315.1 |
| 12.5° | 1512.3 | 1409.1 | 1300.3 | 1180.0 | 1059.7 | 939.4 | 807.7 | 681.7 | 549.9 | 429.6 | 315.1 |
| 10°   | 1523.7 | 1420.6 | 1317.5 | 1191.5 | 1071.2 | 950.9 | 819.1 | 687.4 | 555.6 | 429.6 | 320.8 |
| 7.5°  | 1535.2 | 1432.1 | 1329.0 | 1202.9 | 1076.9 | 956.6 | 824.9 | 698.8 | 561.4 | 435.3 | 326.5 |
| 5°    | 1546.6 | 1437.8 | 1334.7 | 1208.7 | 1082.6 | 968.1 | 836.3 | 704.6 | 567.1 | 441.1 | 326.5 |
| 2.5°  | 1552.4 | 1443.5 | 1340.4 | 1214.4 | 1088.4 | 968.1 | 836.3 | 704.6 | 567.1 | 441.1 | 326.5 |
| 0°    | 1552.4 | 1443.5 | 1340.4 | 1214.4 | 1088.4 | 968.1 | 836.3 | 704.6 | 567.1 | 441.1 | 326.5 |

REPORT NUMBER: P623419

CATALOG NUMBER: IFLD-S-SA6E-740-U-44

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 5.7   | 5.7   | 0.0   | 0.0 |
| 85°   | 17.2  | 11.5  | 5.7   | 0.0 |
| 82.5° | 22.9  | 17.2  | 5.7   | 0.0 |
| 80°   | 34.4  | 22.9  | 11.5  | 0.0 |
| 77.5° | 40.1  | 28.6  | 11.5  | 0.0 |
| 75°   | 51.6  | 34.4  | 17.2  | 0.0 |
| 72.5° | 57.3  | 40.1  | 17.2  | 0.0 |
| 70°   | 63.0  | 45.8  | 22.9  | 0.0 |
| 67.5° | 74.5  | 45.8  | 22.9  | 0.0 |
| 65°   | 85.9  | 51.6  | 28.6  | 0.0 |
| 62.5° | 91.7  | 57.3  | 28.6  | 0.0 |
| 60°   | 103.1 | 63.0  | 28.6  | 0.0 |
| 57.5° | 114.6 | 68.7  | 34.4  | 0.0 |
| 55°   | 120.3 | 74.5  | 34.4  | 0.0 |
| 52.5° | 131.7 | 80.2  | 40.1  | 0.0 |
| 50°   | 137.5 | 85.9  | 40.1  | 0.0 |
| 47.5° | 143.2 | 91.7  | 40.1  | 0.0 |
| 45°   | 154.7 | 97.4  | 45.8  | 0.0 |
| 42.5° | 160.4 | 103.1 | 45.8  | 0.0 |
| 40°   | 166.1 | 103.1 | 45.8  | 0.0 |
| 37.5° | 177.6 | 108.8 | 51.6  | 0.0 |
| 35°   | 183.3 | 114.6 | 51.6  | 0.0 |
| 32.5° | 189.0 | 120.3 | 51.6  | 0.0 |
| 30°   | 194.8 | 120.3 | 57.3  | 0.0 |
| 27.5° | 200.5 | 126.0 | 57.3  | 0.0 |
| 25°   | 206.2 | 126.0 | 57.3  | 0.0 |
| 22.5° | 211.9 | 131.7 | 57.3  | 0.0 |
| 20°   | 211.9 | 131.7 | 57.3  | 0.0 |
| 17.5° | 217.7 | 137.5 | 57.3  | 0.0 |
| 15°   | 217.7 | 137.5 | 63.0  | 0.0 |
| 12.5° | 223.4 | 137.5 | 63.0  | 0.0 |
| 10°   | 223.4 | 143.2 | 63.0  | 0.0 |
| 7.5°  | 229.1 | 143.2 | 63.0  | 0.0 |
| 5°    | 229.1 | 143.2 | 63.0  | 0.0 |
| 2.5°  | 229.1 | 143.2 | 63.0  | 0.0 |
| 0°    | 229.1 | 143.2 | 63.0  | 0.0 |

(END OF REPORT)