

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: P623101

Luminaire Tested: **IFLD-L-SA7C-740-U-33**

Issue Date: 10/13/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623101  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 10/13/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7C-740-U-33  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens  
Light Source: (112) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                    |                      |                  |
|-------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                | NEMA Type:           | 3H x 3V          |
| Luminaire Lumens: | 46127 lumens                       | Max Intensity:       | 429218.7 candela |
| Efficiency:       | N/A                                | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 125.0 lumens/watt                  |                      |                  |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') |                      |                  |

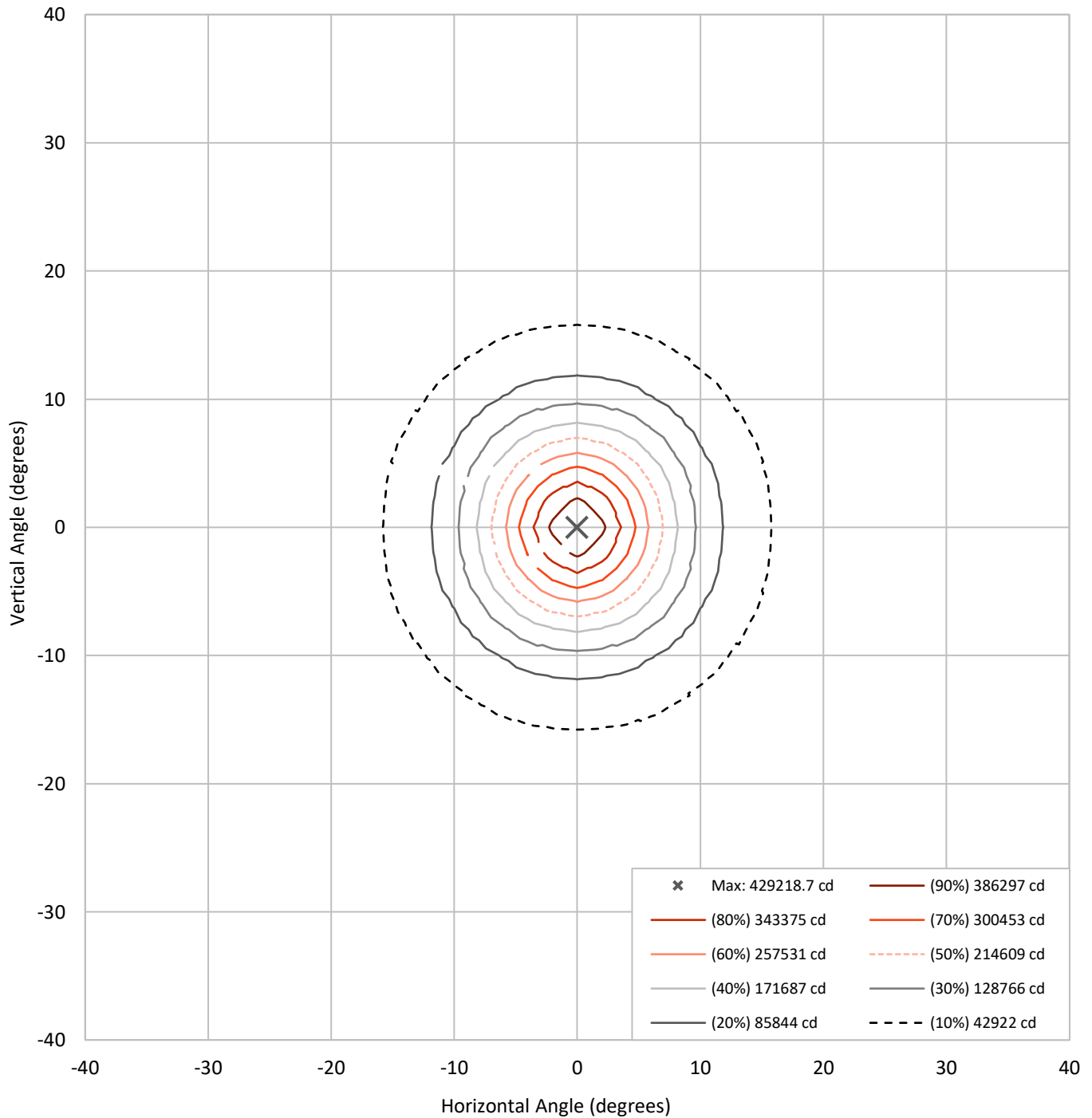
|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 13.8°H x 13.8°V | Field Angle (10%): | 31.4°H x 31.4°V |
| Beam Lumens:      | 10086.7 lumens  | Field Lumens:      | 23486 lumens    |
| Beam Efficiency:  | 21.9%           | Field Efficiency:  | 50.9%           |

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: P623101  
CATALOG NUMBER: IFLD-L-SA7C-740-U-33

### Iso-Candela Plot





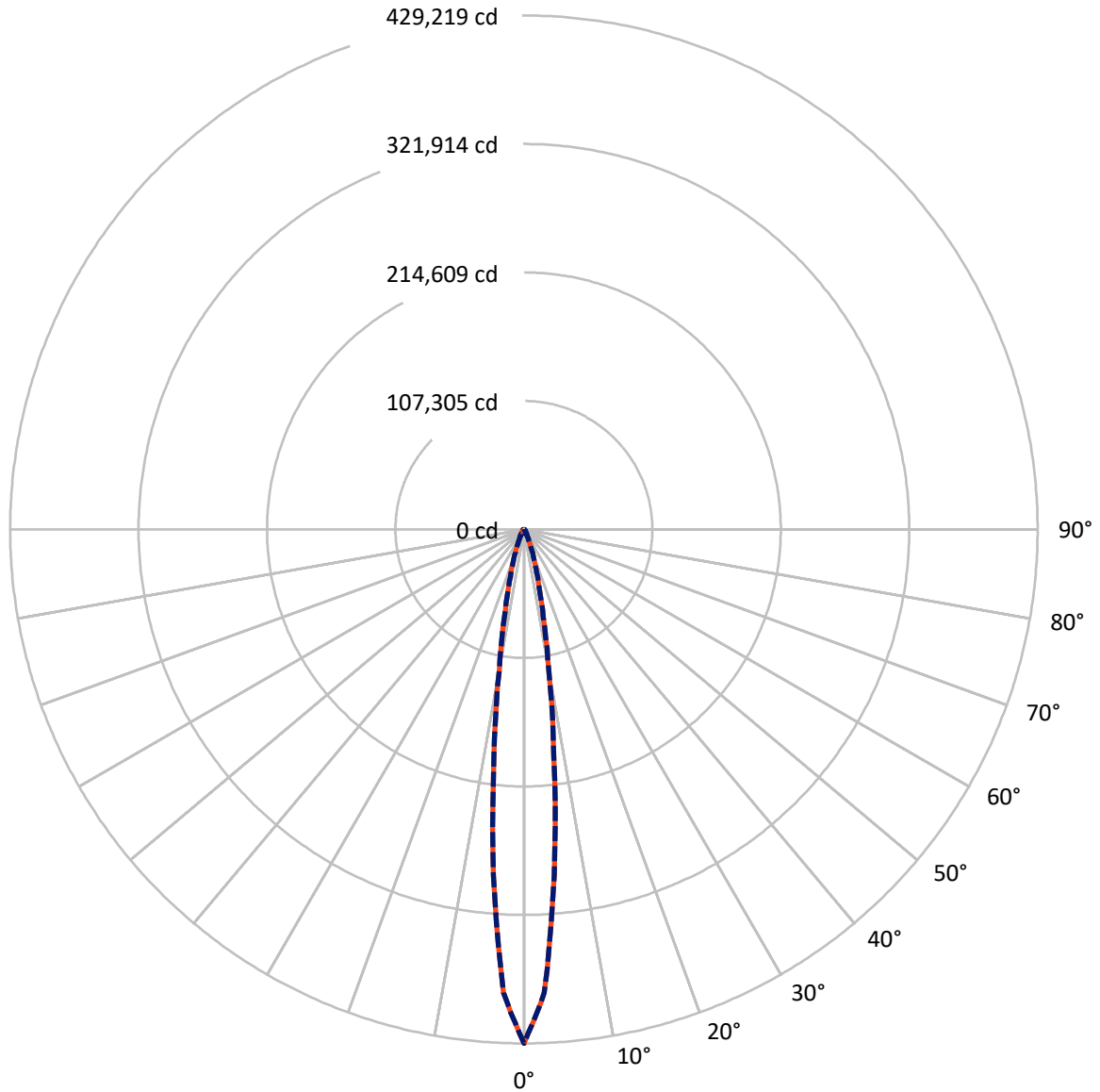
REPORT NUMBER: P623101  
 CATALOG NUMBER: IFLD-L-SA7C-740-U-33

### Lumen Table

|     |     |      |      |      |      |       |        |        |        |        |       |      |      |      |      |     |
|-----|-----|------|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|------|-----|
| 90  | 0.8 | 5.9  |      | 15.8 |      | 25.8  |        | 30.0   |        | 25.8   |       | 15.8 |      | 5.9  |      | 0.8 |
| 80  | 0.8 | 5.9  |      | 15.8 |      | 25.8  |        | 30.0   |        | 25.8   |       | 15.8 |      | 5.9  |      | 0.8 |
| 70  | 2.7 | 3.0  | 6.4  | 10.6 | 15.0 | 19.0  | 21.9   | 23.5   | 23.5   | 21.9   | 19.0  | 15.0 | 10.6 | 6.4  | 3.0  | 2.7 |
| 60  |     | 4.7  | 9.9  | 16.0 | 22.1 | 27.4  | 31.6   | 33.8   | 33.8   | 31.6   | 27.4  | 22.1 | 16.0 | 9.9  | 4.7  |     |
| 50  | 4.9 | 6.4  | 13.0 | 20.5 | 28.3 | 36.4  | 44.0   | 48.8   | 48.8   | 44.0   | 36.4  | 28.3 | 20.5 | 13.0 | 6.4  | 4.9 |
| 40  |     | 7.9  | 15.5 | 24.5 | 35.9 | 51.4  | 70.3   | 86.3   | 86.3   | 70.3   | 51.4  | 35.9 | 24.5 | 15.5 | 7.9  |     |
| 30  | 6.6 | 9.0  | 17.4 | 28.5 | 46.6 | 82.2  | 167.8  | 287.0  | 287.0  | 167.8  | 82.2  | 46.6 | 28.5 | 17.4 | 9.0  | 6.6 |
| 20  |     | 9.7  | 18.9 | 32.4 | 59.9 | 158.1 | 568.7  | 1412.3 | 1412.3 | 568.7  | 158.1 | 59.9 | 32.4 | 18.9 | 9.7  |     |
| 10  | 7.3 | 10.1 | 19.6 | 34.8 | 71.5 | 263.5 | 1376.1 | 6042.3 | 6042.3 | 1376.1 | 263.5 | 71.5 | 34.8 | 19.6 | 10.1 | 7.3 |
| 0   |     | 10.1 | 19.6 | 34.8 | 71.5 | 263.5 | 1376.1 | 6042.3 | 6042.3 | 1376.1 | 263.5 | 71.5 | 34.8 | 19.6 | 10.1 |     |
| -10 | 6.6 | 9.7  | 18.9 | 32.4 | 59.9 | 158.1 | 568.7  | 1412.3 | 1412.3 | 568.7  | 158.1 | 59.9 | 32.4 | 18.9 | 9.7  | 6.6 |
| -20 |     | 9.0  | 17.4 | 28.5 | 46.6 | 82.2  | 167.8  | 287.0  | 287.0  | 167.8  | 82.2  | 46.6 | 28.5 | 17.4 | 9.0  |     |
| -30 | 4.9 | 7.9  | 15.5 | 24.5 | 35.9 | 51.4  | 70.3   | 86.3   | 86.3   | 70.3   | 51.4  | 35.9 | 24.5 | 15.5 | 7.9  | 4.9 |
| -40 |     | 6.4  | 13.0 | 20.5 | 28.3 | 36.4  | 44.0   | 48.8   | 48.8   | 44.0   | 36.4  | 28.3 | 20.5 | 13.0 | 6.4  |     |
| -50 | 2.7 | 4.7  | 9.9  | 16.0 | 22.1 | 27.4  | 31.6   | 33.8   | 33.8   | 31.6   | 27.4  | 22.1 | 16.0 | 9.9  | 4.7  | 2.7 |
| -60 |     | 3.0  | 6.4  | 10.6 | 15.0 | 19.0  | 21.9   | 23.5   | 23.5   | 21.9   | 19.0  | 15.0 | 10.6 | 6.4  | 3.0  |     |
| -70 | 0.8 | 5.9  |      | 15.8 |      | 25.8  |        | 30.0   |        | 25.8   |       | 15.8 |      | 5.9  |      | 0.8 |
| -80 |     | 5.9  |      | 15.8 |      | 25.8  |        | 30.0   |        | 25.8   |       | 15.8 |      | 5.9  |      |     |
| -90 | 0.8 | 5.9  |      | 15.8 |      | 25.8  |        | 30.0   |        | 25.8   |       | 15.8 |      | 5.9  |      | 0.8 |

REPORT NUMBER: P623101  
CATALOG NUMBER: IFLD-L-SA7C-740-U-33

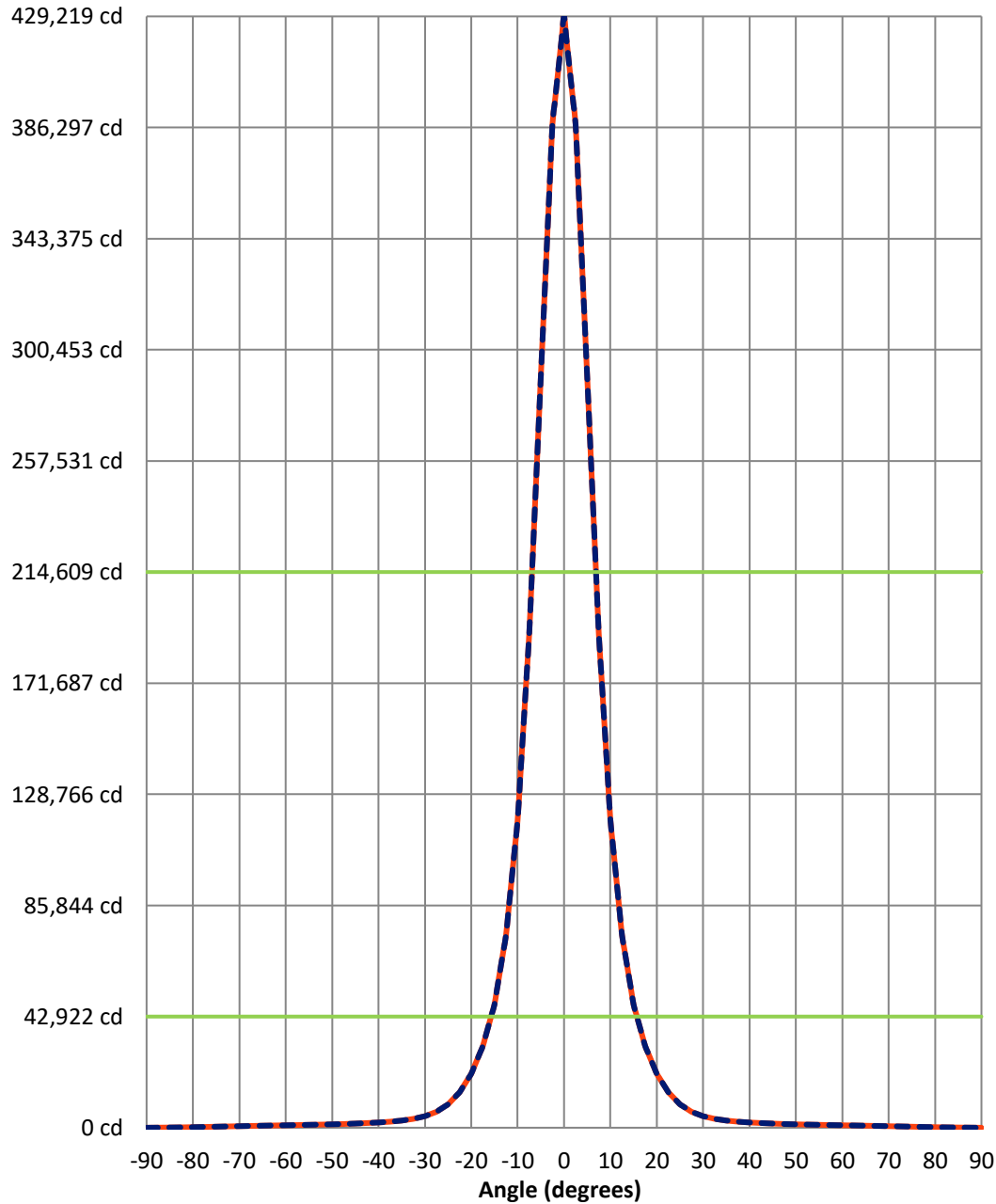
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P623101  
CATALOG NUMBER: IFLD-L-SA7C-740-U-33

### Luminous Intensity Plot



**Beam:**  
H Angle: 13.8°  
V Angle: 13.8°  
Lumens: 10086.7  
Efficiency: 21.9%

**Field:**  
H Angle: 31.4°  
V Angle: 31.4°  
Lumens: 23486  
Efficiency: 50.9%

**Spill:**  
Lumens: 22640.9  
Efficiency: 49.1%

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



REPORT NUMBER: P623101  
 CATALOG NUMBER: IFLD-L-SA7C-740-U-33

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° | 38.4     | 38.4     | 38.4     | 38.4     | 38.4     | 38.4    | 38.4    | 38.4    | 38.4    | 33.6    | 33.6   |
| 85°   | 86.4     | 86.4     | 86.4     | 86.4     | 86.4     | 86.4    | 81.6    | 81.6    | 81.6    | 76.8    | 76.8   |
| 82.5° | 144.0    | 144.0    | 144.0    | 144.0    | 139.2    | 139.2   | 139.2   | 134.4   | 134.4   | 129.6   | 129.6  |
| 80°   | 220.7    | 220.7    | 220.7    | 220.7    | 215.9    | 211.1   | 211.1   | 206.3   | 201.5   | 196.7   | 191.9  |
| 77.5° | 302.3    | 302.3    | 302.3    | 297.5    | 297.5    | 292.7   | 287.9   | 283.1   | 278.3   | 268.7   | 263.9  |
| 75°   | 398.3    | 398.3    | 398.3    | 393.5    | 388.7    | 383.9   | 379.1   | 369.5   | 364.7   | 355.1   | 345.5  |
| 72.5° | 499.1    | 499.1    | 499.1    | 494.3    | 489.5    | 479.9   | 475.1   | 465.5   | 455.9   | 441.5   | 431.9  |
| 70°   | 595.0    | 595.0    | 595.0    | 590.2    | 580.6    | 575.8   | 566.3   | 556.7   | 547.1   | 532.7   | 518.3  |
| 67.5° | 691.0    | 691.0    | 691.0    | 681.4    | 676.6    | 671.8   | 662.2   | 647.8   | 638.2   | 623.8   | 604.6  |
| 65°   | 782.2    | 782.2    | 777.4    | 772.6    | 767.8    | 758.2   | 748.6   | 739.0   | 724.6   | 710.2   | 691.0  |
| 62.5° | 873.4    | 873.4    | 868.6    | 863.8    | 859.0    | 849.4   | 835.0   | 825.4   | 806.2   | 791.8   | 772.6  |
| 60°   | 950.2    | 950.2    | 945.4    | 940.6    | 935.8    | 926.2   | 916.6   | 902.2   | 887.8   | 873.4   | 854.2  |
| 57.5° | 1031.7   | 1031.7   | 1026.9   | 1022.1   | 1012.5   | 1002.9  | 993.3   | 978.9   | 959.7   | 940.6   | 926.2  |
| 55°   | 1122.9   | 1122.9   | 1118.1   | 1108.5   | 1098.9   | 1089.3  | 1074.9  | 1055.7  | 1036.5  | 1017.3  | 993.3  |
| 52.5° | 1209.3   | 1209.3   | 1204.5   | 1194.9   | 1185.3   | 1175.7  | 1156.5  | 1142.1  | 1118.1  | 1094.1  | 1065.3 |
| 50°   | 1314.9   | 1314.9   | 1305.3   | 1295.7   | 1286.1   | 1266.9  | 1247.7  | 1223.7  | 1199.7  | 1170.9  | 1146.9 |
| 47.5° | 1434.8   | 1434.8   | 1425.2   | 1415.6   | 1396.4   | 1377.2  | 1348.4  | 1319.7  | 1290.9  | 1257.3  | 1218.9 |
| 45°   | 1602.8   | 1602.8   | 1588.4   | 1569.2   | 1545.2   | 1511.6  | 1473.2  | 1434.8  | 1391.6  | 1353.2  | 1310.1 |
| 42.5° | 1809.1   | 1809.1   | 1789.9   | 1765.9   | 1732.3   | 1689.2  | 1636.4  | 1583.6  | 1526.0  | 1463.6  | 1406.0 |
| 40°   | 2025.1   | 2025.1   | 2001.1   | 1977.1   | 1938.7   | 1885.9  | 1828.3  | 1761.1  | 1689.2  | 1607.6  | 1535.6 |
| 37.5° | 2322.6   | 2322.6   | 2289.0   | 2245.8   | 2188.2   | 2116.2  | 2029.9  | 1953.1  | 1871.5  | 1780.3  | 1684.4 |
| 35°   | 2764.1   | 2764.1   | 2711.3   | 2639.3   | 2548.1   | 2428.2  | 2298.6  | 2188.2  | 2063.5  | 1953.1  | 1847.5 |
| 32.5° | 3416.7   | 3416.7   | 3325.5   | 3220.0   | 3066.4   | 2874.4  | 2687.3  | 2509.7  | 2322.6  | 2164.2  | 2010.7 |
| 30°   | 4443.6   | 4443.6   | 4290.1   | 4098.1   | 3839.0   | 3507.9  | 3229.6  | 2941.6  | 2668.1  | 2437.8  | 2226.6 |
| 27.5° | 6152.0   | 6080.0   | 5868.9   | 5518.6   | 5038.7   | 4443.6  | 4016.5  | 3531.9  | 3148.0  | 2773.7  | 2500.1 |
| 25°   | 9031.2   | 8896.9   | 8498.6   | 7841.1   | 6953.4   | 5969.6  | 5192.2  | 4366.9  | 3781.4  | 3248.7  | 2821.7 |
| 22.5° | 13710.0  | 13465.3  | 12735.9  | 11545.8  | 9938.2   | 8364.2  | 6929.4  | 5657.7  | 4611.6  | 3867.8  | 3248.7 |
| 20°   | 20831.3  | 20404.3  | 19147.0  | 17112.3  | 14367.4  | 11934.5 | 9376.7  | 7490.8  | 5816.1  | 4611.6  | 3781.4 |
| 17.5° | 31532.5  | 30793.5  | 28629.3  | 25140.6  | 20831.3  | 16867.6 | 12971.0 | 9866.2  | 7490.8  | 5657.7  | 4366.9 |
| 15°   | 47541.1  | 46245.5  | 42464.1  | 36451.2  | 29545.9  | 23259.5 | 17726.6 | 12971.0 | 9376.7  | 6929.4  | 5192.2 |
| 12.5° | 74418.9  | 71798.8  | 64226.4  | 52416.7  | 41408.3  | 31076.7 | 23259.5 | 16867.6 | 11934.5 | 8364.2  | 5969.6 |
| 10°   | 118826.5 | 113413.5 | 98062.3  | 74826.8  | 57153.0  | 41408.3 | 29545.9 | 20831.3 | 14367.4 | 9938.2  | 6953.4 |
| 7.5°  | 190807.6 | 179189.8 | 147446.2 | 108322.0 | 74826.8  | 52416.7 | 36451.2 | 25140.6 | 17112.3 | 11545.8 | 7841.1 |
| 5°    | 290088.8 | 266709.3 | 208020.7 | 147446.2 | 98062.3  | 64226.4 | 42464.1 | 28629.3 | 19147.0 | 12735.9 | 8498.6 |
| 2.5°  | 387426.5 | 347131.4 | 266709.3 | 179189.8 | 113413.5 | 71798.8 | 46245.5 | 30793.5 | 20404.3 | 13465.3 | 8896.9 |
| 0°    | 429218.7 | 387426.5 | 290088.8 | 190807.6 | 118826.5 | 74418.9 | 47541.1 | 31532.5 | 20831.3 | 13710.0 | 9031.2 |



REPORT NUMBER: P623101  
 CATALOG NUMBER: IFLD-L-SA7C-740-U-33

**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° | 33.6   | 33.6   | 33.6   | 33.6   | 28.8   | 28.8   | 28.8   | 28.8   | 24.0   | 24.0   | 24.0   |
| 85°   | 76.8   | 72.0   | 72.0   | 67.2   | 67.2   | 62.4   | 62.4   | 57.6   | 57.6   | 52.8   | 48.0   |
| 82.5° | 124.8  | 120.0  | 115.2  | 110.4  | 110.4  | 105.6  | 100.8  | 91.2   | 86.4   | 81.6   | 76.8   |
| 80°   | 187.2  | 177.6  | 172.8  | 163.2  | 158.4  | 148.8  | 139.2  | 134.4  | 124.8  | 120.0  | 110.4  |
| 77.5° | 254.3  | 244.7  | 239.9  | 225.5  | 215.9  | 206.3  | 196.7  | 182.4  | 172.8  | 158.4  | 144.0  |
| 75°   | 331.1  | 321.5  | 307.1  | 292.7  | 283.1  | 268.7  | 254.3  | 239.9  | 220.7  | 206.3  | 191.9  |
| 72.5° | 417.5  | 403.1  | 388.7  | 369.5  | 350.3  | 335.9  | 311.9  | 292.7  | 278.3  | 259.1  | 239.9  |
| 70°   | 503.9  | 489.5  | 470.3  | 451.1  | 427.1  | 407.9  | 383.9  | 359.9  | 335.9  | 311.9  | 287.9  |
| 67.5° | 590.2  | 571.1  | 551.9  | 527.9  | 503.9  | 479.9  | 455.9  | 427.1  | 398.3  | 369.5  | 340.7  |
| 65°   | 671.8  | 652.6  | 628.6  | 604.6  | 580.6  | 551.9  | 523.1  | 494.3  | 460.7  | 427.1  | 398.3  |
| 62.5° | 753.4  | 729.4  | 705.4  | 681.4  | 652.6  | 623.8  | 595.0  | 556.7  | 523.1  | 489.5  | 451.1  |
| 60°   | 830.2  | 806.2  | 782.2  | 753.4  | 724.6  | 691.0  | 657.4  | 623.8  | 585.4  | 547.1  | 508.7  |
| 57.5° | 902.2  | 878.2  | 854.2  | 820.6  | 791.8  | 758.2  | 719.8  | 686.2  | 643.0  | 604.6  | 561.5  |
| 55°   | 969.3  | 945.4  | 916.6  | 887.8  | 859.0  | 820.6  | 782.2  | 743.8  | 700.6  | 657.4  | 609.4  |
| 52.5° | 1036.5 | 1007.7 | 978.9  | 950.2  | 916.6  | 883.0  | 844.6  | 801.4  | 758.2  | 710.2  | 662.2  |
| 50°   | 1113.3 | 1079.7 | 1041.3 | 1007.7 | 969.3  | 935.8  | 897.4  | 854.2  | 811.0  | 758.2  | 710.2  |
| 47.5° | 1185.3 | 1151.7 | 1113.3 | 1070.1 | 1031.7 | 988.5  | 945.4  | 907.0  | 859.0  | 811.0  | 758.2  |
| 45°   | 1266.9 | 1218.9 | 1180.5 | 1137.3 | 1089.3 | 1041.3 | 998.1  | 950.2  | 907.0  | 854.2  | 801.4  |
| 42.5° | 1353.2 | 1300.5 | 1247.7 | 1194.9 | 1151.7 | 1098.9 | 1046.1 | 998.1  | 945.4  | 897.4  | 844.6  |
| 40°   | 1454.0 | 1391.6 | 1324.5 | 1266.9 | 1209.3 | 1156.5 | 1098.9 | 1041.3 | 988.5  | 935.8  | 883.0  |
| 37.5° | 1583.6 | 1497.2 | 1410.8 | 1338.8 | 1271.7 | 1209.3 | 1151.7 | 1089.3 | 1031.7 | 969.3  | 916.6  |
| 35°   | 1737.1 | 1617.2 | 1516.4 | 1415.6 | 1338.8 | 1266.9 | 1194.9 | 1137.3 | 1070.1 | 1007.7 | 950.2  |
| 32.5° | 1890.7 | 1761.1 | 1631.6 | 1516.4 | 1410.8 | 1324.5 | 1247.7 | 1180.5 | 1113.3 | 1041.3 | 978.9  |
| 30°   | 2049.1 | 1905.1 | 1761.1 | 1617.2 | 1497.2 | 1391.6 | 1300.5 | 1218.9 | 1151.7 | 1079.7 | 1007.7 |
| 27.5° | 2250.6 | 2049.1 | 1890.7 | 1737.1 | 1583.6 | 1454.0 | 1353.2 | 1266.9 | 1185.3 | 1113.3 | 1036.5 |
| 25°   | 2500.1 | 2226.6 | 2010.7 | 1847.5 | 1684.4 | 1535.6 | 1406.0 | 1310.1 | 1218.9 | 1146.9 | 1065.3 |
| 22.5° | 2773.7 | 2437.8 | 2164.2 | 1953.1 | 1780.3 | 1607.6 | 1463.6 | 1353.2 | 1257.3 | 1170.9 | 1094.1 |
| 20°   | 3148.0 | 2668.1 | 2322.6 | 2063.5 | 1871.5 | 1689.2 | 1526.0 | 1391.6 | 1290.9 | 1199.7 | 1118.1 |
| 17.5° | 3531.9 | 2941.6 | 2509.7 | 2188.2 | 1953.1 | 1761.1 | 1583.6 | 1434.8 | 1319.7 | 1223.7 | 1142.1 |
| 15°   | 4016.5 | 3229.6 | 2687.3 | 2298.6 | 2029.9 | 1828.3 | 1636.4 | 1473.2 | 1348.4 | 1247.7 | 1156.5 |
| 12.5° | 4443.6 | 3507.9 | 2874.4 | 2428.2 | 2116.2 | 1885.9 | 1689.2 | 1511.6 | 1377.2 | 1266.9 | 1175.7 |
| 10°   | 5038.7 | 3839.0 | 3066.4 | 2548.1 | 2188.2 | 1938.7 | 1732.3 | 1545.2 | 1396.4 | 1286.1 | 1185.3 |
| 7.5°  | 5518.6 | 4098.1 | 3220.0 | 2639.3 | 2245.8 | 1977.1 | 1765.9 | 1569.2 | 1415.6 | 1295.7 | 1194.9 |
| 5°    | 5868.9 | 4290.1 | 3325.5 | 2711.3 | 2289.0 | 2001.1 | 1789.9 | 1588.4 | 1425.2 | 1305.3 | 1204.5 |
| 2.5°  | 6080.0 | 4443.6 | 3416.7 | 2764.1 | 2322.6 | 2025.1 | 1809.1 | 1602.8 | 1434.8 | 1314.9 | 1209.3 |
| 0°    | 6152.0 | 4443.6 | 3416.7 | 2764.1 | 2322.6 | 2025.1 | 1809.1 | 1602.8 | 1434.8 | 1314.9 | 1209.3 |





REPORT NUMBER: P623101  
 CATALOG NUMBER: IFLD-L-SA7C-740-U-33

**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° | 24.0   | 19.2   | 19.2  | 19.2  | 14.4  | 14.4  | 14.4  | 9.6   | 9.6   | 9.6   | 4.8   |
| 85°   | 43.2   | 43.2   | 38.4  | 33.6  | 33.6  | 28.8  | 24.0  | 24.0  | 19.2  | 14.4  | 14.4  |
| 82.5° | 72.0   | 67.2   | 62.4  | 57.6  | 52.8  | 43.2  | 38.4  | 33.6  | 28.8  | 24.0  | 19.2  |
| 80°   | 100.8  | 96.0   | 86.4  | 76.8  | 72.0  | 62.4  | 57.6  | 48.0  | 38.4  | 33.6  | 28.8  |
| 77.5° | 134.4  | 124.8  | 115.2 | 105.6 | 91.2  | 81.6  | 72.0  | 62.4  | 52.8  | 43.2  | 33.6  |
| 75°   | 177.6  | 158.4  | 144.0 | 129.6 | 115.2 | 100.8 | 86.4  | 76.8  | 62.4  | 52.8  | 38.4  |
| 72.5° | 220.7  | 201.5  | 177.6 | 158.4 | 139.2 | 124.8 | 105.6 | 91.2  | 76.8  | 62.4  | 48.0  |
| 70°   | 263.9  | 239.9  | 215.9 | 191.9 | 168.0 | 144.0 | 124.8 | 105.6 | 86.4  | 72.0  | 57.6  |
| 67.5° | 307.1  | 283.1  | 254.3 | 225.5 | 201.5 | 172.8 | 144.0 | 124.8 | 100.8 | 81.6  | 62.4  |
| 65°   | 359.9  | 326.3  | 292.7 | 263.9 | 230.3 | 201.5 | 168.0 | 139.2 | 115.2 | 91.2  | 72.0  |
| 62.5° | 412.7  | 374.3  | 335.9 | 297.5 | 263.9 | 225.5 | 191.9 | 158.4 | 129.6 | 105.6 | 76.8  |
| 60°   | 465.5  | 422.3  | 379.1 | 335.9 | 292.7 | 254.3 | 215.9 | 177.6 | 144.0 | 115.2 | 86.4  |
| 57.5° | 518.3  | 470.3  | 422.3 | 374.3 | 326.3 | 283.1 | 239.9 | 201.5 | 158.4 | 124.8 | 96.0  |
| 55°   | 566.3  | 518.3  | 465.5 | 412.7 | 359.9 | 307.1 | 263.9 | 220.7 | 177.6 | 134.4 | 100.8 |
| 52.5° | 609.4  | 561.5  | 508.7 | 451.1 | 398.3 | 340.7 | 287.9 | 239.9 | 191.9 | 144.0 | 110.4 |
| 50°   | 657.4  | 604.6  | 547.1 | 489.5 | 427.1 | 369.5 | 311.9 | 259.1 | 206.3 | 158.4 | 120.0 |
| 47.5° | 700.6  | 643.0  | 585.4 | 523.1 | 460.7 | 398.3 | 335.9 | 278.3 | 220.7 | 172.8 | 124.8 |
| 45°   | 743.8  | 686.2  | 623.8 | 556.7 | 494.3 | 427.1 | 359.9 | 292.7 | 239.9 | 182.4 | 134.4 |
| 42.5° | 782.2  | 719.8  | 657.4 | 595.0 | 523.1 | 455.9 | 383.9 | 311.9 | 254.3 | 196.7 | 139.2 |
| 40°   | 820.6  | 758.2  | 691.0 | 623.8 | 551.9 | 479.9 | 407.9 | 335.9 | 268.7 | 206.3 | 148.8 |
| 37.5° | 859.0  | 791.8  | 724.6 | 652.6 | 580.6 | 503.9 | 427.1 | 350.3 | 283.1 | 215.9 | 158.4 |
| 35°   | 887.8  | 820.6  | 753.4 | 681.4 | 604.6 | 527.9 | 451.1 | 369.5 | 292.7 | 225.5 | 163.2 |
| 32.5° | 916.6  | 854.2  | 782.2 | 705.4 | 628.6 | 551.9 | 470.3 | 388.7 | 307.1 | 239.9 | 172.8 |
| 30°   | 945.4  | 878.2  | 806.2 | 729.4 | 652.6 | 571.1 | 489.5 | 403.1 | 321.5 | 244.7 | 177.6 |
| 27.5° | 969.3  | 902.2  | 830.2 | 753.4 | 671.8 | 590.2 | 503.9 | 417.5 | 331.1 | 254.3 | 187.2 |
| 25°   | 993.3  | 926.2  | 854.2 | 772.6 | 691.0 | 604.6 | 518.3 | 431.9 | 345.5 | 263.9 | 191.9 |
| 22.5° | 1017.3 | 940.6  | 873.4 | 791.8 | 710.2 | 623.8 | 532.7 | 441.5 | 355.1 | 268.7 | 196.7 |
| 20°   | 1036.5 | 959.7  | 887.8 | 806.2 | 724.6 | 638.2 | 547.1 | 455.9 | 364.7 | 278.3 | 201.5 |
| 17.5° | 1055.7 | 978.9  | 902.2 | 825.4 | 739.0 | 647.8 | 556.7 | 465.5 | 369.5 | 283.1 | 206.3 |
| 15°   | 1074.9 | 993.3  | 916.6 | 835.0 | 748.6 | 662.2 | 566.3 | 475.1 | 379.1 | 287.9 | 211.1 |
| 12.5° | 1089.3 | 1002.9 | 926.2 | 849.4 | 758.2 | 671.8 | 575.8 | 479.9 | 383.9 | 292.7 | 211.1 |
| 10°   | 1098.9 | 1012.5 | 935.8 | 859.0 | 767.8 | 676.6 | 580.6 | 489.5 | 388.7 | 297.5 | 215.9 |
| 7.5°  | 1108.5 | 1022.1 | 940.6 | 863.8 | 772.6 | 681.4 | 590.2 | 494.3 | 393.5 | 297.5 | 220.7 |
| 5°    | 1118.1 | 1026.9 | 945.4 | 868.6 | 777.4 | 691.0 | 595.0 | 499.1 | 398.3 | 302.3 | 220.7 |
| 2.5°  | 1122.9 | 1031.7 | 950.2 | 873.4 | 782.2 | 691.0 | 595.0 | 499.1 | 398.3 | 302.3 | 220.7 |
| 0°    | 1122.9 | 1031.7 | 950.2 | 873.4 | 782.2 | 691.0 | 595.0 | 499.1 | 398.3 | 302.3 | 220.7 |



REPORT NUMBER: P623101  
 CATALOG NUMBER: IFLD-L-SA7C-740-U-33

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 4.8   | 4.8  | 0.0   | 0.0 |
| 85°   | 9.6   | 4.8  | 4.8   | 0.0 |
| 82.5° | 14.4  | 9.6  | 4.8   | 0.0 |
| 80°   | 19.2  | 14.4 | 4.8   | 0.0 |
| 77.5° | 24.0  | 14.4 | 9.6   | 0.0 |
| 75°   | 28.8  | 19.2 | 9.6   | 0.0 |
| 72.5° | 33.6  | 24.0 | 9.6   | 0.0 |
| 70°   | 38.4  | 24.0 | 14.4  | 0.0 |
| 67.5° | 43.2  | 28.8 | 14.4  | 0.0 |
| 65°   | 52.8  | 33.6 | 14.4  | 0.0 |
| 62.5° | 57.6  | 33.6 | 19.2  | 0.0 |
| 60°   | 62.4  | 38.4 | 19.2  | 0.0 |
| 57.5° | 67.2  | 43.2 | 19.2  | 0.0 |
| 55°   | 72.0  | 43.2 | 24.0  | 0.0 |
| 52.5° | 76.8  | 48.0 | 24.0  | 0.0 |
| 50°   | 81.6  | 52.8 | 24.0  | 0.0 |
| 47.5° | 86.4  | 57.6 | 24.0  | 0.0 |
| 45°   | 91.2  | 57.6 | 28.8  | 0.0 |
| 42.5° | 100.8 | 62.4 | 28.8  | 0.0 |
| 40°   | 105.6 | 62.4 | 28.8  | 0.0 |
| 37.5° | 110.4 | 67.2 | 28.8  | 0.0 |
| 35°   | 110.4 | 67.2 | 33.6  | 0.0 |
| 32.5° | 115.2 | 72.0 | 33.6  | 0.0 |
| 30°   | 120.0 | 72.0 | 33.6  | 0.0 |
| 27.5° | 124.8 | 76.8 | 33.6  | 0.0 |
| 25°   | 129.6 | 76.8 | 33.6  | 0.0 |
| 22.5° | 129.6 | 76.8 | 33.6  | 0.0 |
| 20°   | 134.4 | 81.6 | 38.4  | 0.0 |
| 17.5° | 134.4 | 81.6 | 38.4  | 0.0 |
| 15°   | 139.2 | 81.6 | 38.4  | 0.0 |
| 12.5° | 139.2 | 86.4 | 38.4  | 0.0 |
| 10°   | 139.2 | 86.4 | 38.4  | 0.0 |
| 7.5°  | 144.0 | 86.4 | 38.4  | 0.0 |
| 5°    | 144.0 | 86.4 | 38.4  | 0.0 |
| 2.5°  | 144.0 | 86.4 | 38.4  | 0.0 |
| 0°    | 144.0 | 86.4 | 38.4  | 0.0 |

(END OF REPORT)