

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: P622976

Luminaire Tested: **IFLD-S-SA6D-722-U-33**

Issue Date: 10/13/2022

Test Information

Test Method: LM-79-2019
Report Number: P622976
Test Lab: INNOVATION CENTER(G2)
Issue Date: 10/13/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-722-U-33
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 35043.2 lumens | Max Intensity: | 326082.8 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 95.2 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |

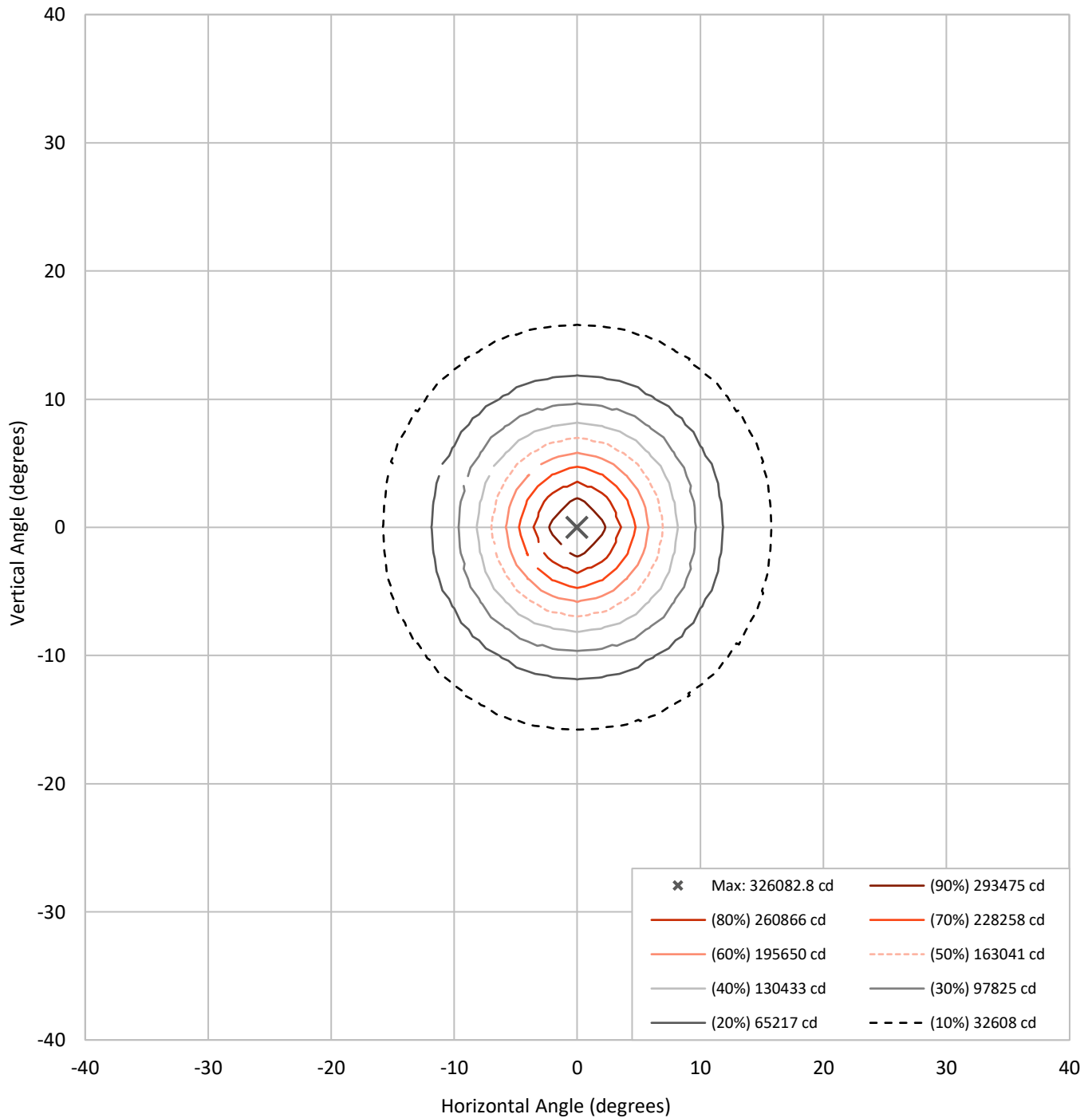
| | | | |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 13.8°H x 13.8°V | Field Angle (10%): | 31.4°H x 31.4°V |
| Beam Lumens: | 7663 lumens | Field Lumens: | 17842.6 lumens |
| Beam Efficiency: | 21.9% | Field Efficiency: | 50.9% |

Input Watts (W): 368.2
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: P622976
CATALOG NUMBER: IFLD-S-SA6D-722-U-33

Iso-Candela Plot





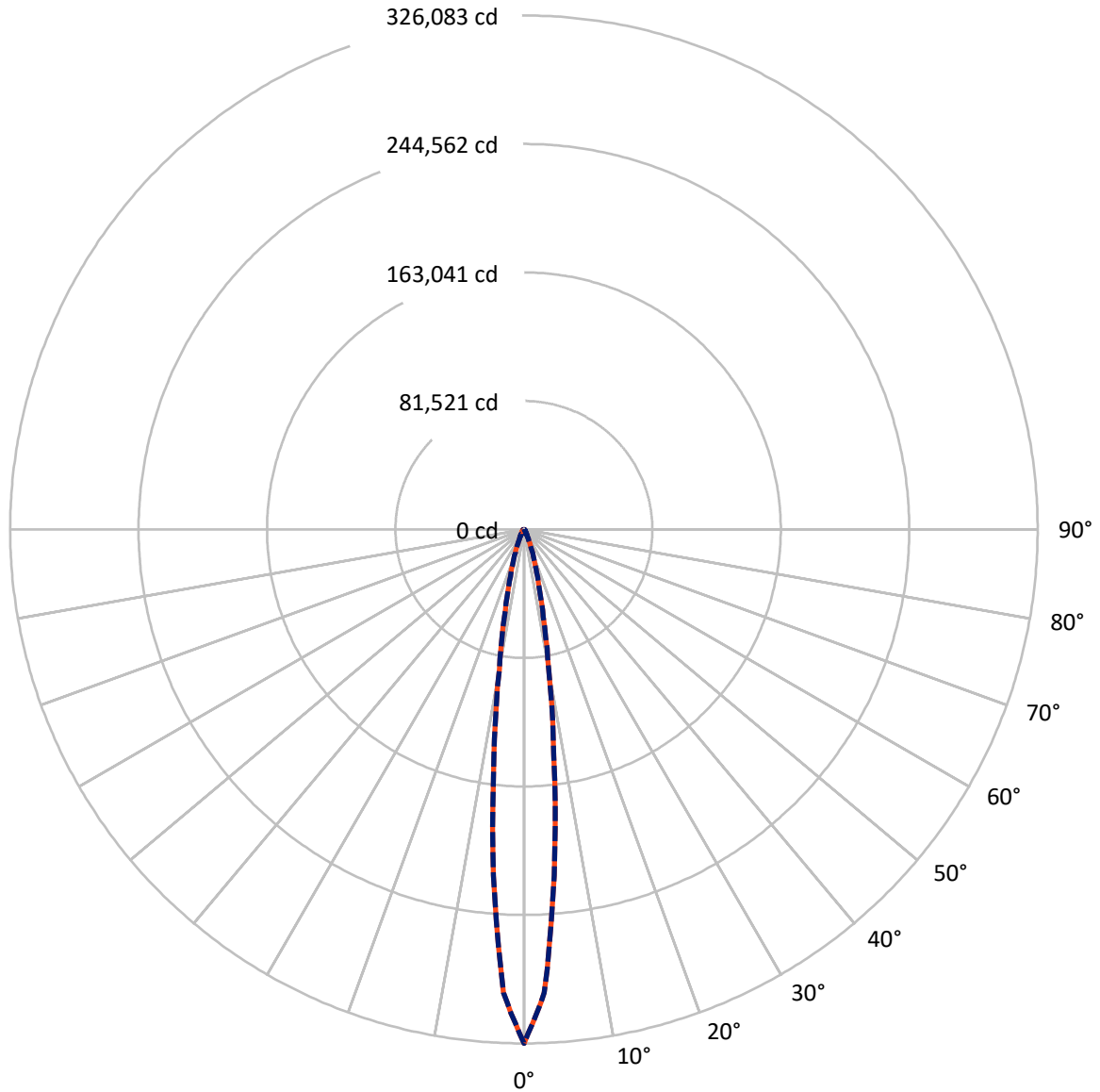
REPORT NUMBER: P622976
 CATALOG NUMBER: IFLD-S-SA6D-722-U-33

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|-----|-----|
| 90 | 0.6 | 4.5 | | 12.0 | | 19.6 | | 22.8 | | 19.6 | | 12.0 | | 4.5 | | 0.6 |
| 80 | 0.6 | 4.5 | | 12.0 | | 19.6 | | 22.8 | | 19.6 | | 12.0 | | 4.5 | | 0.6 |
| 70 | 2.1 | 2.3 | 4.8 | 8.1 | 11.4 | 14.4 | 16.7 | 17.8 | 17.8 | 16.7 | 14.4 | 11.4 | 8.1 | 4.8 | 2.3 | 2.1 |
| 60 | | 3.6 | 7.5 | 12.1 | 16.8 | 20.8 | 24.0 | 25.7 | 25.7 | 24.0 | 20.8 | 16.8 | 12.1 | 7.5 | 3.6 | |
| 50 | 3.8 | 4.9 | 9.9 | 15.6 | 21.5 | 27.7 | 33.4 | 37.1 | 37.1 | 33.4 | 27.7 | 21.5 | 15.6 | 9.9 | 4.9 | 3.8 |
| 40 | | 6.0 | 11.8 | 18.6 | 27.3 | 39.1 | 53.4 | 65.6 | 65.6 | 53.4 | 39.1 | 27.3 | 18.6 | 11.8 | 6.0 | |
| 30 | 5.0 | 6.8 | 13.3 | 21.6 | 35.4 | 62.4 | 127.5 | 218.1 | 218.1 | 127.5 | 62.4 | 35.4 | 21.6 | 13.3 | 6.8 | 5.0 |
| 20 | | 7.4 | 14.3 | 24.6 | 45.5 | 120.1 | 432.1 | 1072.9 | 1072.9 | 432.1 | 120.1 | 45.5 | 24.6 | 14.3 | 7.4 | |
| 10 | 5.5 | 7.7 | 14.9 | 26.5 | 54.3 | 200.2 | 1045.4 | 4590.4 | 4590.4 | 1045.4 | 200.2 | 54.3 | 26.5 | 14.9 | 7.7 | 5.5 |
| 0 | | 7.7 | 14.9 | 26.5 | 54.3 | 200.2 | 1045.4 | 4590.4 | 4590.4 | 1045.4 | 200.2 | 54.3 | 26.5 | 14.9 | 7.7 | |
| -10 | 5.0 | 7.4 | 14.3 | 24.6 | 45.5 | 120.1 | 432.1 | 1072.9 | 1072.9 | 432.1 | 120.1 | 45.5 | 24.6 | 14.3 | 7.4 | 5.0 |
| -20 | | 6.8 | 13.3 | 21.6 | 35.4 | 62.4 | 127.5 | 218.1 | 218.1 | 127.5 | 62.4 | 35.4 | 21.6 | 13.3 | 6.8 | |
| -30 | 3.8 | 6.0 | 11.8 | 18.6 | 27.3 | 39.1 | 53.4 | 65.6 | 65.6 | 53.4 | 39.1 | 27.3 | 18.6 | 11.8 | 6.0 | 3.8 |
| -40 | | 4.9 | 9.9 | 15.6 | 21.5 | 27.7 | 33.4 | 37.1 | 37.1 | 33.4 | 27.7 | 21.5 | 15.6 | 9.9 | 4.9 | |
| -50 | 2.1 | 3.6 | 7.5 | 12.1 | 16.8 | 20.8 | 24.0 | 25.7 | 25.7 | 24.0 | 20.8 | 16.8 | 12.1 | 7.5 | 3.6 | 2.1 |
| -60 | | 2.3 | 4.8 | 8.1 | 11.4 | 14.4 | 16.7 | 17.8 | 17.8 | 16.7 | 14.4 | 11.4 | 8.1 | 4.8 | 2.3 | |
| -70 | 0.6 | 4.5 | | 12.0 | | 19.6 | | 22.8 | | 19.6 | | 12.0 | | 4.5 | | 0.6 |
| -80 | | 4.5 | | 12.0 | | 19.6 | | 22.8 | | 19.6 | | 12.0 | | 4.5 | | |
| -90 | 0.6 | 4.5 | | 12.0 | | 19.6 | | 22.8 | | 19.6 | | 12.0 | | 4.5 | | 0.6 |

REPORT NUMBER: P622976
CATALOG NUMBER: IFLD-S-SA6D-722-U-33

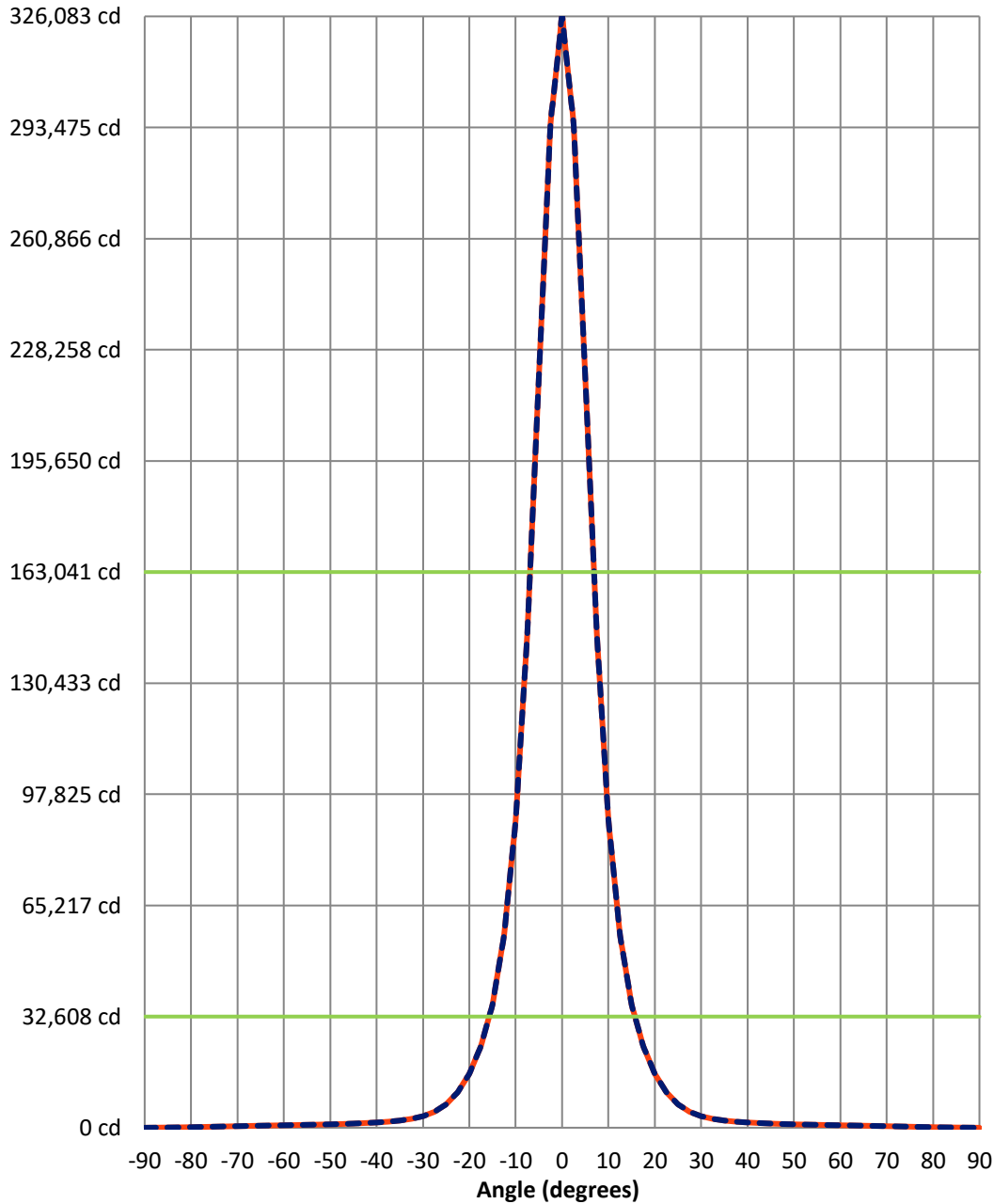
Luminous Intensity Polar Plot



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

REPORT NUMBER: P622976
CATALOG NUMBER: IFLD-S-SA6D-722-U-33

Luminous Intensity Plot



Beam:
H Angle: 13.8°
V Angle: 13.8°
Lumens: 7663
Efficiency: 21.9%

Field:
H Angle: 31.4°
V Angle: 31.4°
Lumens: 17842.6
Efficiency: 50.9%

Spill:
Lumens: 17200.6
Efficiency: 49.1%

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



REPORT NUMBER: P622976
 CATALOG NUMBER: IFLD-S-SA6D-722-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° | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 25.5 | 25.5 |
| 85° | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 62.0 | 62.0 | 62.0 | 58.3 | 58.3 |
| 82.5° | 109.4 | 109.4 | 109.4 | 109.4 | 105.7 | 105.7 | 105.7 | 102.1 | 102.1 | 98.4 | 98.4 |
| 80° | 167.7 | 167.7 | 167.7 | 167.7 | 164.1 | 160.4 | 160.4 | 156.8 | 153.1 | 149.5 | 145.8 |
| 77.5° | 229.7 | 229.7 | 229.7 | 226.0 | 226.0 | 222.4 | 218.7 | 215.1 | 211.4 | 204.2 | 200.5 |
| 75° | 302.6 | 302.6 | 302.6 | 298.9 | 295.3 | 291.7 | 288.0 | 280.7 | 277.1 | 269.8 | 262.5 |
| 72.5° | 379.1 | 379.1 | 379.1 | 375.5 | 371.9 | 364.6 | 360.9 | 353.6 | 346.3 | 335.4 | 328.1 |
| 70° | 452.1 | 452.1 | 452.1 | 448.4 | 441.1 | 437.5 | 430.2 | 422.9 | 415.6 | 404.7 | 393.7 |
| 67.5° | 525.0 | 525.0 | 525.0 | 517.7 | 514.0 | 510.4 | 503.1 | 492.2 | 484.9 | 473.9 | 459.4 |
| 65° | 594.2 | 594.2 | 590.6 | 587.0 | 583.3 | 576.0 | 568.7 | 561.4 | 550.5 | 539.6 | 525.0 |
| 62.5° | 663.5 | 663.5 | 659.9 | 656.2 | 652.6 | 645.3 | 634.3 | 627.1 | 612.5 | 601.5 | 587.0 |
| 60° | 721.8 | 721.8 | 718.2 | 714.6 | 710.9 | 703.6 | 696.3 | 685.4 | 674.4 | 663.5 | 648.9 |
| 57.5° | 783.8 | 783.8 | 780.2 | 776.5 | 769.2 | 761.9 | 754.7 | 743.7 | 729.1 | 714.6 | 703.6 |
| 55° | 853.1 | 853.1 | 849.4 | 842.1 | 834.9 | 827.6 | 816.6 | 802.0 | 787.5 | 772.9 | 754.7 |
| 52.5° | 918.7 | 918.7 | 915.1 | 907.8 | 900.5 | 893.2 | 878.6 | 867.7 | 849.4 | 831.2 | 809.3 |
| 50° | 998.9 | 998.9 | 991.6 | 984.3 | 977.0 | 962.5 | 947.9 | 929.6 | 911.4 | 889.5 | 871.3 |
| 47.5° | 1090.1 | 1090.1 | 1082.8 | 1075.5 | 1060.9 | 1046.3 | 1024.4 | 1002.6 | 980.7 | 955.2 | 926.0 |
| 45° | 1217.7 | 1217.7 | 1206.7 | 1192.1 | 1173.9 | 1148.4 | 1119.2 | 1090.1 | 1057.2 | 1028.1 | 995.3 |
| 42.5° | 1374.4 | 1374.4 | 1359.8 | 1341.6 | 1316.1 | 1283.3 | 1243.2 | 1203.1 | 1159.3 | 1111.9 | 1068.2 |
| 40° | 1538.5 | 1538.5 | 1520.2 | 1502.0 | 1472.8 | 1432.7 | 1389.0 | 1338.0 | 1283.3 | 1221.3 | 1166.6 |
| 37.5° | 1764.5 | 1764.5 | 1739.0 | 1706.2 | 1662.4 | 1607.7 | 1542.1 | 1483.8 | 1421.8 | 1352.5 | 1279.6 |
| 35° | 2099.9 | 2099.9 | 2059.8 | 2005.1 | 1935.8 | 1844.7 | 1746.3 | 1662.4 | 1567.6 | 1483.8 | 1403.6 |
| 32.5° | 2595.7 | 2595.7 | 2526.4 | 2446.2 | 2329.6 | 2183.8 | 2041.6 | 1906.7 | 1764.5 | 1644.2 | 1527.5 |
| 30° | 3375.9 | 3375.9 | 3259.2 | 3113.4 | 2916.5 | 2665.0 | 2453.5 | 2234.8 | 2027.0 | 1852.0 | 1691.6 |
| 27.5° | 4673.7 | 4619.1 | 4458.6 | 4192.5 | 3827.9 | 3375.9 | 3051.4 | 2683.2 | 2391.6 | 2107.2 | 1899.4 |
| 25° | 6861.1 | 6759.1 | 6456.5 | 5957.0 | 5282.6 | 4535.2 | 3944.6 | 3317.6 | 2872.8 | 2468.1 | 2143.7 |
| 22.5° | 10415.7 | 10229.7 | 9675.6 | 8771.5 | 7550.2 | 6354.4 | 5264.3 | 4298.2 | 3503.5 | 2938.4 | 2468.1 |
| 20° | 15825.8 | 15501.4 | 14546.2 | 13000.4 | 10915.1 | 9066.8 | 7123.6 | 5690.9 | 4418.5 | 3503.5 | 2872.8 |
| 17.5° | 23955.7 | 23394.2 | 21750.0 | 19099.6 | 15825.8 | 12814.5 | 9854.2 | 7495.5 | 5690.9 | 4298.2 | 3317.6 |
| 15° | 36117.6 | 35133.3 | 32260.5 | 27692.5 | 22446.4 | 17670.5 | 13467.1 | 9854.2 | 7123.6 | 5264.3 | 3944.6 |
| 12.5° | 56537.0 | 54546.4 | 48793.6 | 39821.6 | 31458.4 | 23609.3 | 17670.5 | 12814.5 | 9066.8 | 6354.4 | 4535.2 |
| 10° | 90274.0 | 86161.6 | 74499.2 | 56846.9 | 43419.9 | 31458.4 | 22446.4 | 15825.8 | 10915.1 | 7550.2 | 5282.6 |
| 7.5° | 144958.9 | 136132.8 | 112016.7 | 82293.6 | 56846.9 | 39821.6 | 27692.5 | 19099.6 | 13000.4 | 8771.5 | 5957.0 |
| 5° | 220384.1 | 202622.4 | 158035.9 | 112016.7 | 74499.2 | 48793.6 | 32260.5 | 21750.0 | 14546.2 | 9675.6 | 6456.5 |
| 2.5° | 294332.7 | 263720.1 | 202622.4 | 136132.8 | 86161.6 | 54546.4 | 35133.3 | 23394.2 | 15501.4 | 10229.7 | 6759.1 |
| 0° | 326082.8 | 294332.7 | 220384.1 | 144958.9 | 90274.0 | 56537.0 | 36117.6 | 23955.7 | 15825.8 | 10415.7 | 6861.1 |



REPORT NUMBER: P622976
 CATALOG NUMBER: IFLD-S-SA6D-722-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° | 25.5 | 25.5 | 25.5 | 25.5 | 21.9 | 21.9 | 21.9 | 21.9 | 18.2 | 18.2 | 18.2 |
| 85° | 58.3 | 54.7 | 54.7 | 51.0 | 51.0 | 47.4 | 47.4 | 43.7 | 43.7 | 40.1 | 36.5 |
| 82.5° | 94.8 | 91.1 | 87.5 | 83.9 | 83.9 | 80.2 | 76.6 | 69.3 | 65.6 | 62.0 | 58.3 |
| 80° | 142.2 | 134.9 | 131.2 | 124.0 | 120.3 | 113.0 | 105.7 | 102.1 | 94.8 | 91.1 | 83.9 |
| 77.5° | 193.2 | 185.9 | 182.3 | 171.3 | 164.1 | 156.8 | 149.5 | 138.5 | 131.2 | 120.3 | 109.4 |
| 75° | 251.6 | 244.3 | 233.3 | 222.4 | 215.1 | 204.2 | 193.2 | 182.3 | 167.7 | 156.8 | 145.8 |
| 72.5° | 317.2 | 306.2 | 295.3 | 280.7 | 266.1 | 255.2 | 237.0 | 222.4 | 211.4 | 196.9 | 182.3 |
| 70° | 382.8 | 371.9 | 357.3 | 342.7 | 324.5 | 309.9 | 291.7 | 273.4 | 255.2 | 237.0 | 218.7 |
| 67.5° | 448.4 | 433.8 | 419.3 | 401.0 | 382.8 | 364.6 | 346.3 | 324.5 | 302.6 | 280.7 | 258.8 |
| 65° | 510.4 | 495.8 | 477.6 | 459.4 | 441.1 | 419.3 | 397.4 | 375.5 | 350.0 | 324.5 | 302.6 |
| 62.5° | 572.4 | 554.1 | 535.9 | 517.7 | 495.8 | 473.9 | 452.1 | 422.9 | 397.4 | 371.9 | 342.7 |
| 60° | 630.7 | 612.5 | 594.2 | 572.4 | 550.5 | 525.0 | 499.5 | 473.9 | 444.8 | 415.6 | 386.4 |
| 57.5° | 685.4 | 667.2 | 648.9 | 623.4 | 601.5 | 576.0 | 546.8 | 521.3 | 488.5 | 459.4 | 426.5 |
| 55° | 736.4 | 718.2 | 696.3 | 674.4 | 652.6 | 623.4 | 594.2 | 565.1 | 532.3 | 499.5 | 463.0 |
| 52.5° | 787.5 | 765.6 | 743.7 | 721.8 | 696.3 | 670.8 | 641.6 | 608.8 | 576.0 | 539.6 | 503.1 |
| 50° | 845.8 | 820.3 | 791.1 | 765.6 | 736.4 | 710.9 | 681.7 | 648.9 | 616.1 | 576.0 | 539.6 |
| 47.5° | 900.5 | 875.0 | 845.8 | 813.0 | 783.8 | 751.0 | 718.2 | 689.0 | 652.6 | 616.1 | 576.0 |
| 45° | 962.5 | 926.0 | 896.8 | 864.0 | 827.6 | 791.1 | 758.3 | 721.8 | 689.0 | 648.9 | 608.8 |
| 42.5° | 1028.1 | 988.0 | 947.9 | 907.8 | 875.0 | 834.9 | 794.8 | 758.3 | 718.2 | 681.7 | 641.6 |
| 40° | 1104.6 | 1057.2 | 1006.2 | 962.5 | 918.7 | 878.6 | 834.9 | 791.1 | 751.0 | 710.9 | 670.8 |
| 37.5° | 1203.1 | 1137.4 | 1071.8 | 1017.1 | 966.1 | 918.7 | 875.0 | 827.6 | 783.8 | 736.4 | 696.3 |
| 35° | 1319.7 | 1228.6 | 1152.0 | 1075.5 | 1017.1 | 962.5 | 907.8 | 864.0 | 813.0 | 765.6 | 721.8 |
| 32.5° | 1436.4 | 1338.0 | 1239.5 | 1152.0 | 1071.8 | 1006.2 | 947.9 | 896.8 | 845.8 | 791.1 | 743.7 |
| 30° | 1556.7 | 1447.3 | 1338.0 | 1228.6 | 1137.4 | 1057.2 | 988.0 | 926.0 | 875.0 | 820.3 | 765.6 |
| 27.5° | 1709.8 | 1556.7 | 1436.4 | 1319.7 | 1203.1 | 1104.6 | 1028.1 | 962.5 | 900.5 | 845.8 | 787.5 |
| 25° | 1899.4 | 1691.6 | 1527.5 | 1403.6 | 1279.6 | 1166.6 | 1068.2 | 995.3 | 926.0 | 871.3 | 809.3 |
| 22.5° | 2107.2 | 1852.0 | 1644.2 | 1483.8 | 1352.5 | 1221.3 | 1111.9 | 1028.1 | 955.2 | 889.5 | 831.2 |
| 20° | 2391.6 | 2027.0 | 1764.5 | 1567.6 | 1421.8 | 1283.3 | 1159.3 | 1057.2 | 980.7 | 911.4 | 849.4 |
| 17.5° | 2683.2 | 2234.8 | 1906.7 | 1662.4 | 1483.8 | 1338.0 | 1203.1 | 1090.1 | 1002.6 | 929.6 | 867.7 |
| 15° | 3051.4 | 2453.5 | 2041.6 | 1746.3 | 1542.1 | 1389.0 | 1243.2 | 1119.2 | 1024.4 | 947.9 | 878.6 |
| 12.5° | 3375.9 | 2665.0 | 2183.8 | 1844.7 | 1607.7 | 1432.7 | 1283.3 | 1148.4 | 1046.3 | 962.5 | 893.2 |
| 10° | 3827.9 | 2916.5 | 2329.6 | 1935.8 | 1662.4 | 1472.8 | 1316.1 | 1173.9 | 1060.9 | 977.0 | 900.5 |
| 7.5° | 4192.5 | 3113.4 | 2446.2 | 2005.1 | 1706.2 | 1502.0 | 1341.6 | 1192.1 | 1075.5 | 984.3 | 907.8 |
| 5° | 4458.6 | 3259.2 | 2526.4 | 2059.8 | 1739.0 | 1520.2 | 1359.8 | 1206.7 | 1082.8 | 991.6 | 915.1 |
| 2.5° | 4619.1 | 3375.9 | 2595.7 | 2099.9 | 1764.5 | 1538.5 | 1374.4 | 1217.7 | 1090.1 | 998.9 | 918.7 |
| 0° | 4673.7 | 3375.9 | 2595.7 | 2099.9 | 1764.5 | 1538.5 | 1374.4 | 1217.7 | 1090.1 | 998.9 | 918.7 |



REPORT NUMBER: P622976
 CATALOG NUMBER: IFLD-S-SA6D-722-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° | 18.2 | 14.6 | 14.6 | 14.6 | 10.9 | 10.9 | 10.9 | 7.3 | 7.3 | 7.3 | 3.6 |
| 85° | 32.8 | 32.8 | 29.2 | 25.5 | 25.5 | 21.9 | 18.2 | 18.2 | 14.6 | 10.9 | 10.9 |
| 82.5° | 54.7 | 51.0 | 47.4 | 43.7 | 40.1 | 32.8 | 29.2 | 25.5 | 21.9 | 18.2 | 14.6 |
| 80° | 76.6 | 72.9 | 65.6 | 58.3 | 54.7 | 47.4 | 43.7 | 36.5 | 29.2 | 25.5 | 21.9 |
| 77.5° | 102.1 | 94.8 | 87.5 | 80.2 | 69.3 | 62.0 | 54.7 | 47.4 | 40.1 | 32.8 | 25.5 |
| 75° | 134.9 | 120.3 | 109.4 | 98.4 | 87.5 | 76.6 | 65.6 | 58.3 | 47.4 | 40.1 | 29.2 |
| 72.5° | 167.7 | 153.1 | 134.9 | 120.3 | 105.7 | 94.8 | 80.2 | 69.3 | 58.3 | 47.4 | 36.5 |
| 70° | 200.5 | 182.3 | 164.1 | 145.8 | 127.6 | 109.4 | 94.8 | 80.2 | 65.6 | 54.7 | 43.7 |
| 67.5° | 233.3 | 215.1 | 193.2 | 171.3 | 153.1 | 131.2 | 109.4 | 94.8 | 76.6 | 62.0 | 47.4 |
| 65° | 273.4 | 247.9 | 222.4 | 200.5 | 175.0 | 153.1 | 127.6 | 105.7 | 87.5 | 69.3 | 54.7 |
| 62.5° | 313.5 | 284.4 | 255.2 | 226.0 | 200.5 | 171.3 | 145.8 | 120.3 | 98.4 | 80.2 | 58.3 |
| 60° | 353.6 | 320.8 | 288.0 | 255.2 | 222.4 | 193.2 | 164.1 | 134.9 | 109.4 | 87.5 | 65.6 |
| 57.5° | 393.7 | 357.3 | 320.8 | 284.4 | 247.9 | 215.1 | 182.3 | 153.1 | 120.3 | 94.8 | 72.9 |
| 55° | 430.2 | 393.7 | 353.6 | 313.5 | 273.4 | 233.3 | 200.5 | 167.7 | 134.9 | 102.1 | 76.6 |
| 52.5° | 463.0 | 426.5 | 386.4 | 342.7 | 302.6 | 258.8 | 218.7 | 182.3 | 145.8 | 109.4 | 83.9 |
| 50° | 499.5 | 459.4 | 415.6 | 371.9 | 324.5 | 280.7 | 237.0 | 196.9 | 156.8 | 120.3 | 91.1 |
| 47.5° | 532.3 | 488.5 | 444.8 | 397.4 | 350.0 | 302.6 | 255.2 | 211.4 | 167.7 | 131.2 | 94.8 |
| 45° | 565.1 | 521.3 | 473.9 | 422.9 | 375.5 | 324.5 | 273.4 | 222.4 | 182.3 | 138.5 | 102.1 |
| 42.5° | 594.2 | 546.8 | 499.5 | 452.1 | 397.4 | 346.3 | 291.7 | 237.0 | 193.2 | 149.5 | 105.7 |
| 40° | 623.4 | 576.0 | 525.0 | 473.9 | 419.3 | 364.6 | 309.9 | 255.2 | 204.2 | 156.8 | 113.0 |
| 37.5° | 652.6 | 601.5 | 550.5 | 495.8 | 441.1 | 382.8 | 324.5 | 266.1 | 215.1 | 164.1 | 120.3 |
| 35° | 674.4 | 623.4 | 572.4 | 517.7 | 459.4 | 401.0 | 342.7 | 280.7 | 222.4 | 171.3 | 124.0 |
| 32.5° | 696.3 | 648.9 | 594.2 | 535.9 | 477.6 | 419.3 | 357.3 | 295.3 | 233.3 | 182.3 | 131.2 |
| 30° | 718.2 | 667.2 | 612.5 | 554.1 | 495.8 | 433.8 | 371.9 | 306.2 | 244.3 | 185.9 | 134.9 |
| 27.5° | 736.4 | 685.4 | 630.7 | 572.4 | 510.4 | 448.4 | 382.8 | 317.2 | 251.6 | 193.2 | 142.2 |
| 25° | 754.7 | 703.6 | 648.9 | 587.0 | 525.0 | 459.4 | 393.7 | 328.1 | 262.5 | 200.5 | 145.8 |
| 22.5° | 772.9 | 714.6 | 663.5 | 601.5 | 539.6 | 473.9 | 404.7 | 335.4 | 269.8 | 204.2 | 149.5 |
| 20° | 787.5 | 729.1 | 674.4 | 612.5 | 550.5 | 484.9 | 415.6 | 346.3 | 277.1 | 211.4 | 153.1 |
| 17.5° | 802.0 | 743.7 | 685.4 | 627.1 | 561.4 | 492.2 | 422.9 | 353.6 | 280.7 | 215.1 | 156.8 |
| 15° | 816.6 | 754.7 | 696.3 | 634.3 | 568.7 | 503.1 | 430.2 | 360.9 | 288.0 | 218.7 | 160.4 |
| 12.5° | 827.6 | 761.9 | 703.6 | 645.3 | 576.0 | 510.4 | 437.5 | 364.6 | 291.7 | 222.4 | 160.4 |
| 10° | 834.9 | 769.2 | 710.9 | 652.6 | 583.3 | 514.0 | 441.1 | 371.9 | 295.3 | 226.0 | 164.1 |
| 7.5° | 842.1 | 776.5 | 714.6 | 656.2 | 587.0 | 517.7 | 448.4 | 375.5 | 298.9 | 226.0 | 167.7 |
| 5° | 849.4 | 780.2 | 718.2 | 659.9 | 590.6 | 525.0 | 452.1 | 379.1 | 302.6 | 229.7 | 167.7 |
| 2.5° | 853.1 | 783.8 | 721.8 | 663.5 | 594.2 | 525.0 | 452.1 | 379.1 | 302.6 | 229.7 | 167.7 |
| 0° | 853.1 | 783.8 | 721.8 | 663.5 | 594.2 | 525.0 | 452.1 | 379.1 | 302.6 | 229.7 | 167.7 |



REPORT NUMBER: P622976
 CATALOG NUMBER: IFLD-S-SA6D-722-U-33

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.6 | 3.6 | 0.0 | 0.0 |
| 85° | 7.3 | 3.6 | 3.6 | 0.0 |
| 82.5° | 10.9 | 7.3 | 3.6 | 0.0 |
| 80° | 14.6 | 10.9 | 3.6 | 0.0 |
| 77.5° | 18.2 | 10.9 | 7.3 | 0.0 |
| 75° | 21.9 | 14.6 | 7.3 | 0.0 |
| 72.5° | 25.5 | 18.2 | 7.3 | 0.0 |
| 70° | 29.2 | 18.2 | 10.9 | 0.0 |
| 67.5° | 32.8 | 21.9 | 10.9 | 0.0 |
| 65° | 40.1 | 25.5 | 10.9 | 0.0 |
| 62.5° | 43.7 | 25.5 | 14.6 | 0.0 |
| 60° | 47.4 | 29.2 | 14.6 | 0.0 |
| 57.5° | 51.0 | 32.8 | 14.6 | 0.0 |
| 55° | 54.7 | 32.8 | 18.2 | 0.0 |
| 52.5° | 58.3 | 36.5 | 18.2 | 0.0 |
| 50° | 62.0 | 40.1 | 18.2 | 0.0 |
| 47.5° | 65.6 | 43.7 | 18.2 | 0.0 |
| 45° | 69.3 | 43.7 | 21.9 | 0.0 |
| 42.5° | 76.6 | 47.4 | 21.9 | 0.0 |
| 40° | 80.2 | 47.4 | 21.9 | 0.0 |
| 37.5° | 83.9 | 51.0 | 21.9 | 0.0 |
| 35° | 83.9 | 51.0 | 25.5 | 0.0 |
| 32.5° | 87.5 | 54.7 | 25.5 | 0.0 |
| 30° | 91.1 | 54.7 | 25.5 | 0.0 |
| 27.5° | 94.8 | 58.3 | 25.5 | 0.0 |
| 25° | 98.4 | 58.3 | 25.5 | 0.0 |
| 22.5° | 98.4 | 58.3 | 25.5 | 0.0 |
| 20° | 102.1 | 62.0 | 29.2 | 0.0 |
| 17.5° | 102.1 | 62.0 | 29.2 | 0.0 |
| 15° | 105.7 | 62.0 | 29.2 | 0.0 |
| 12.5° | 105.7 | 65.6 | 29.2 | 0.0 |
| 10° | 105.7 | 65.6 | 29.2 | 0.0 |
| 7.5° | 109.4 | 65.6 | 29.2 | 0.0 |
| 5° | 109.4 | 65.6 | 29.2 | 0.0 |
| 2.5° | 109.4 | 65.6 | 29.2 | 0.0 |
| 0° | 109.4 | 65.6 | 29.2 | 0.0 |

(END OF REPORT)