

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: P623640

Luminaire Tested: **IFLD-S-SA2D-735-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623640  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2D-735-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 16083.6 lumens                       | Max Intensity:       | 19654.8 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 129.8 lumens/watt                    |                      |                 |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') |                      |                 |

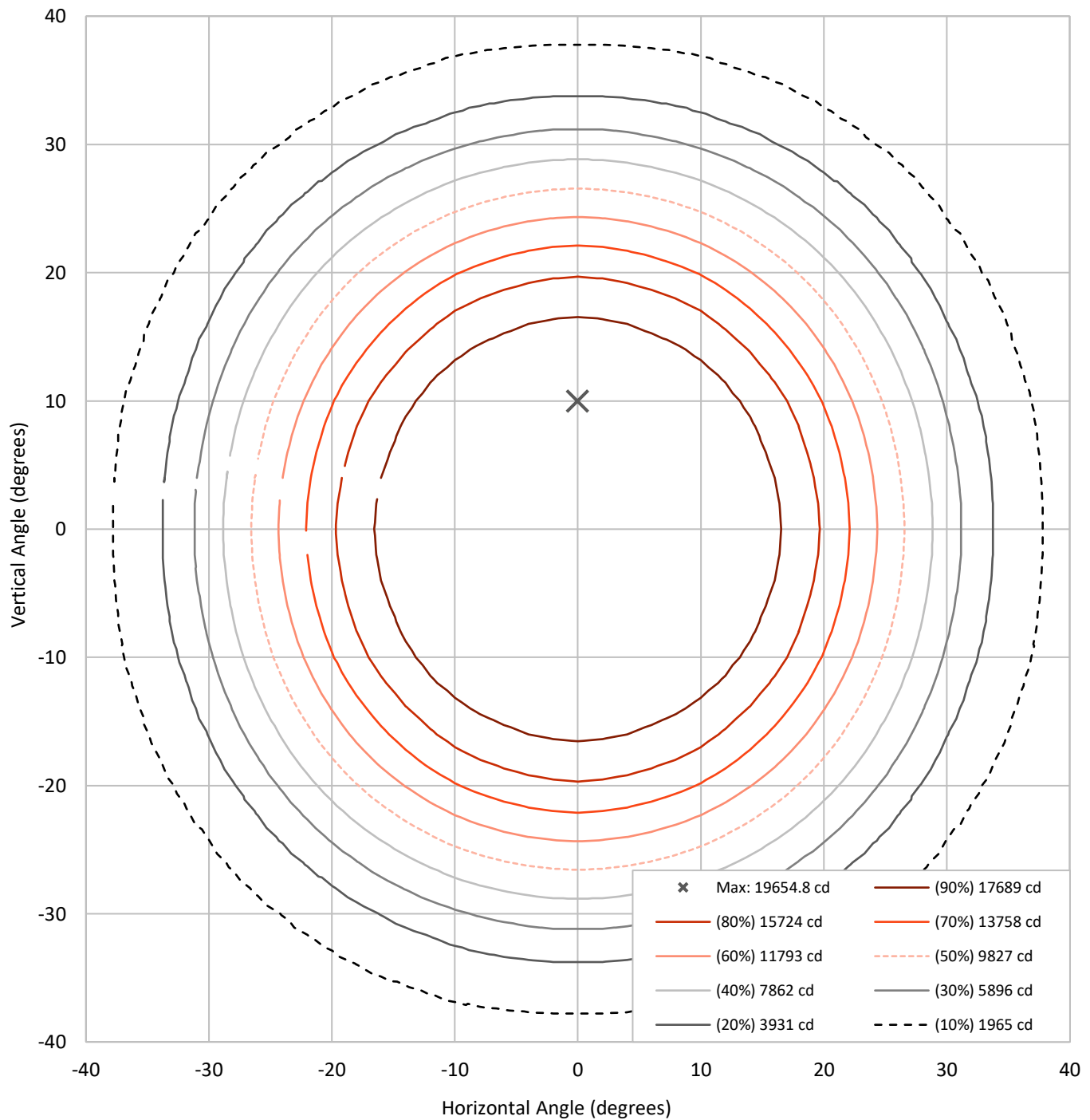
|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 49.5°H x 53.1°V | Field Angle (10%): | 73.6°H x 75.3°V |
| Beam Lumens:      | 7993.9 lumens   | Field Lumens:      | 10396.3 lumens  |
| Beam Efficiency:  | 49.7%           | Field Efficiency:  | 64.6%           |

Input Watts (W): 123.9  
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: P623640  
CATALOG NUMBER: IFLD-S-SA2D-735-U-55

## Iso-Candela Plot



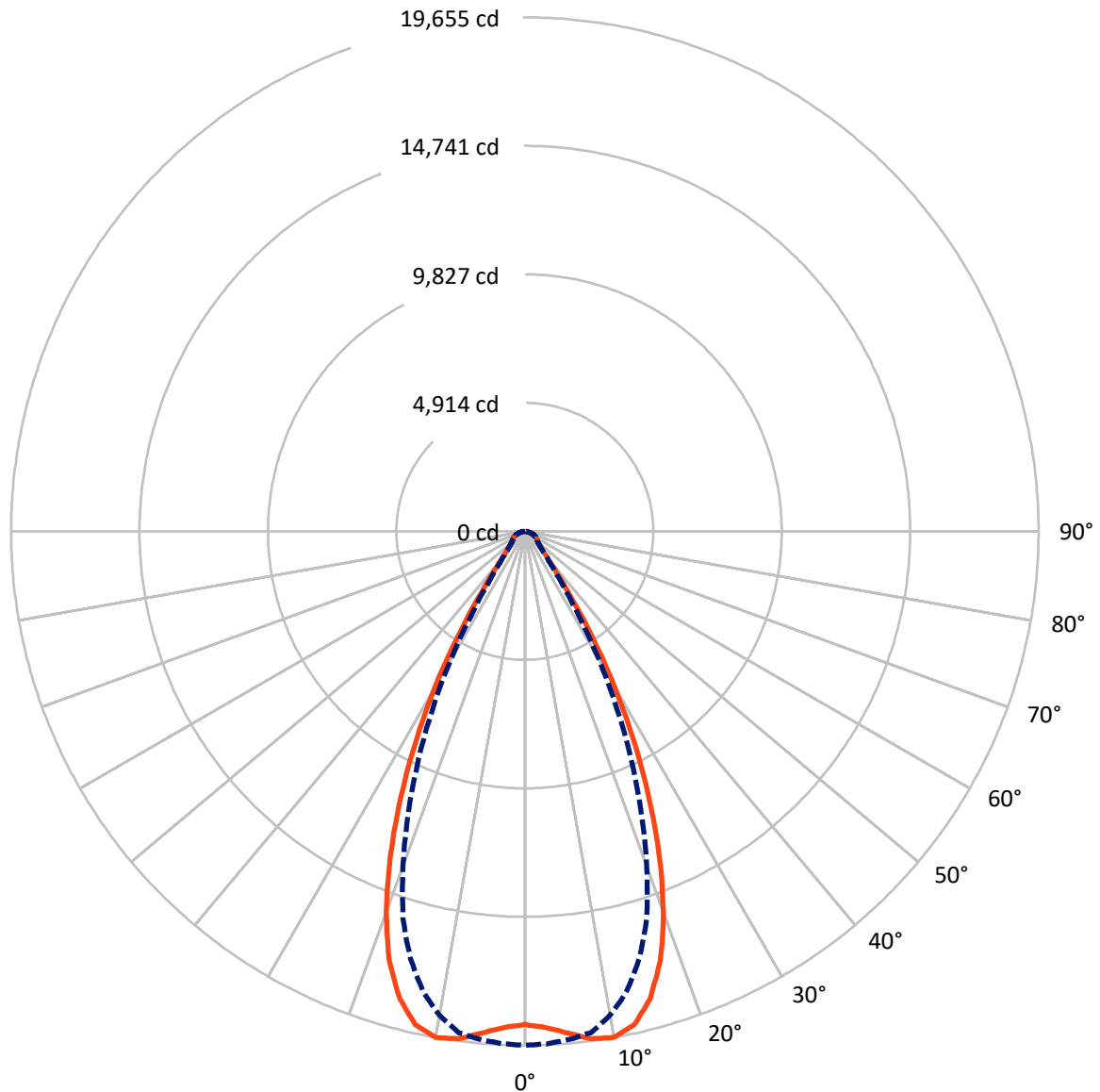
REPORT NUMBER: P623640  
CATALOG NUMBER: IFLD-S-SA2D-735-U-55

## Lumen Table

|     |     |     |      |      |      |       |       |       |       |       |       |      |      |      |     |     |
|-----|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|-----|-----|
| 90  |     |     |      |      |      |       |       |       |       |       |       |      |      |      |     |     |
| 80  | 0.5 | 3.5 |      | 9.2  |      | 14.8  |       | 17.2  |       | 14.8  |       | 9.2  |      | 3.5  |     | 0.5 |
| 70  |     |     |      |      |      |       |       |       |       |       |       |      |      |      |     |     |
| 60  | 1.6 | 1.7 | 3.6  | 6.0  | 8.4  | 10.5  | 12.1  | 12.9  | 12.9  | 12.1  | 10.5  | 8.4  | 6.0  | 3.6  | 1.7 | 1.6 |
| 50  |     | 2.7 | 5.6  | 8.8  | 11.9 | 14.4  | 16.3  | 17.4  | 17.4  | 16.3  | 14.4  | 11.9 | 8.8  | 5.6  | 2.7 |     |
| 40  | 2.9 | 3.6 | 7.2  | 10.9 | 14.6 | 18.8  | 23.9  | 27.7  | 27.7  | 23.9  | 18.8  | 14.6 | 10.9 | 7.2  | 3.6 | 2.9 |
| 30  |     | 4.4 | 8.3  | 12.6 | 19.1 | 34.0  | 66.4  | 100.1 | 100.1 | 66.4  | 34.0  | 19.1 | 12.6 | 8.3  | 4.4 |     |
| 20  | 3.8 | 5.0 | 9.1  | 14.8 | 30.8 | 98.3  | 227.7 | 323.2 | 323.2 | 227.7 | 98.3  | 30.8 | 14.8 | 9.1  | 5.0 | 3.8 |
| 10  |     | 5.3 | 9.8  | 17.6 | 56.9 | 214.5 | 419.6 | 535.0 | 535.0 | 419.6 | 214.5 | 56.9 | 17.6 | 9.8  | 5.3 |     |
| 0   | 4.2 | 5.5 | 10.1 | 19.9 | 83.5 | 295.5 | 519.1 | 588.7 | 588.7 | 519.1 | 295.5 | 83.5 | 19.9 | 10.1 | 5.5 | 4.2 |
| -10 |     | 5.5 | 10.1 | 19.9 | 83.5 | 295.5 | 519.1 | 588.7 | 588.7 | 519.1 | 295.5 | 83.5 | 19.9 | 10.1 | 5.5 |     |
| -20 | 3.8 | 5.3 | 9.8  | 17.6 | 56.9 | 214.5 | 419.6 | 535.0 | 535.0 | 419.6 | 214.5 | 56.9 | 17.6 | 9.8  | 5.3 | 3.8 |
| -30 |     | 5.0 | 9.1  | 14.8 | 30.8 | 98.3  | 227.7 | 323.2 | 323.2 | 227.7 | 98.3  | 30.8 | 14.8 | 9.1  | 5.0 |     |
| -40 | 2.9 | 4.4 | 8.3  | 12.6 | 19.1 | 34.0  | 66.4  | 100.1 | 100.1 | 66.4  | 34.0  | 19.1 | 12.6 | 8.3  | 4.4 | 2.9 |
| -50 |     | 3.6 | 7.2  | 10.9 | 14.6 | 18.8  | 23.9  | 27.7  | 27.7  | 23.9  | 18.8  | 14.6 | 10.9 | 7.2  | 3.6 |     |
| -60 | 1.6 | 2.7 | 5.6  | 8.8  | 11.9 | 14.4  | 16.3  | 17.4  | 17.4  | 16.3  | 14.4  | 11.9 | 8.8  | 5.6  | 2.7 | 1.6 |
| -70 |     | 1.7 | 3.6  | 6.0  | 8.4  | 10.5  | 12.1  | 12.9  | 12.9  | 12.1  | 10.5  | 8.4  | 6.0  | 3.6  | 1.7 |     |
| -80 | 0.5 | 3.5 |      | 9.2  |      | 14.8  |       | 17.2  |       | 14.8  |       | 9.2  |      | 3.5  |     | 0.5 |
| -90 |     |     |      |      |      |       |       |       |       |       |       |      |      |      |     |     |

REPORT NUMBER: P623640  
CATALOG NUMBER: IFLD-S-SA2D-735-U-55

## Luminous Intensity Polar Plot

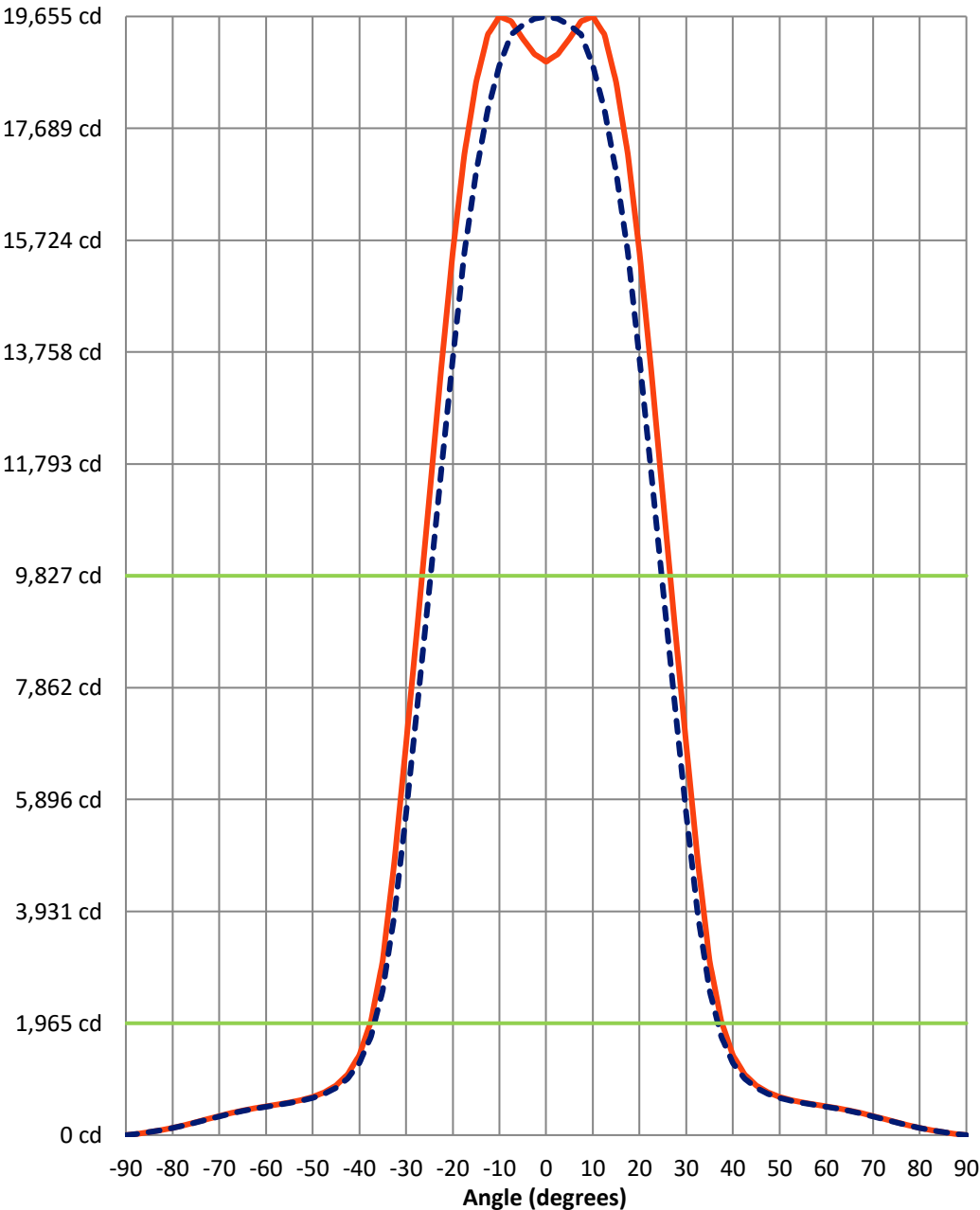


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg



REPORT NUMBER: P623640  
CATALOG NUMBER: IFLD-S-SA2D-735-U-55

Luminous Intensity Plot



**Beam:**  
H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 7993.9  
Efficiency: 49.7%

**Field:**  
H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 10396.3  
Efficiency: 64.6%

**Spill:**  
Lumens: 5687.2  
Efficiency: 35.4%

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



REPORT NUMBER: P623640

CATALOG NUMBER: IFLD-S-SA2D-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° | 21.7    | 21.7    | 21.7    | 21.7    | 21.7    | 21.7    | 21.7    | 20.0    | 20.0    | 20.0    | 20.0    |
| 85°   | 53.5    | 53.5    | 53.5    | 53.5    | 53.5    | 51.8    | 51.8    | 50.1    | 50.1    | 48.5    | 46.8    |
| 82.5° | 86.9    | 86.9    | 86.9    | 86.9    | 85.2    | 85.2    | 83.5    | 81.9    | 80.2    | 78.5    | 76.9    |
| 80°   | 127.0   | 127.0   | 127.0   | 127.0   | 125.3   | 123.6   | 122.0   | 120.3   | 117.0   | 115.3   | 111.9   |
| 77.5° | 173.8   | 173.8   | 173.8   | 172.1   | 170.4   | 168.7   | 165.4   | 162.1   | 158.7   | 155.4   | 152.0   |
| 75°   | 227.2   | 227.2   | 227.2   | 223.9   | 222.2   | 218.9   | 215.5   | 212.2   | 207.2   | 202.2   | 197.1   |
| 72.5° | 282.4   | 282.4   | 282.4   | 279.0   | 275.7   | 272.3   | 269.0   | 264.0   | 259.0   | 252.3   | 245.6   |
| 70°   | 334.2   | 334.2   | 334.2   | 330.8   | 327.5   | 324.1   | 319.1   | 314.1   | 307.4   | 300.7   | 294.1   |
| 67.5° | 387.6   | 387.6   | 387.6   | 382.6   | 379.3   | 375.9   | 370.9   | 364.2   | 357.5   | 349.2   | 340.8   |
| 65°   | 431.1   | 431.1   | 429.4   | 427.7   | 424.4   | 419.4   | 416.0   | 409.3   | 402.7   | 396.0   | 387.6   |
| 62.5° | 471.2   | 471.2   | 469.5   | 467.8   | 464.5   | 459.5   | 454.4   | 449.4   | 442.8   | 434.4   | 426.0   |
| 60°   | 504.6   | 504.6   | 502.9   | 501.2   | 497.9   | 494.5   | 489.5   | 484.5   | 477.8   | 471.2   | 462.8   |
| 57.5° | 538.0   | 538.0   | 536.3   | 534.6   | 531.3   | 526.3   | 521.3   | 516.3   | 509.6   | 501.2   | 492.9   |
| 55°   | 573.1   | 573.1   | 571.4   | 568.1   | 564.7   | 559.7   | 554.7   | 548.0   | 539.7   | 531.3   | 522.9   |
| 52.5° | 614.8   | 614.8   | 611.5   | 608.2   | 603.1   | 598.1   | 589.8   | 581.4   | 571.4   | 561.4   | 551.3   |
| 50°   | 670.0   | 670.0   | 666.6   | 661.6   | 653.3   | 644.9   | 634.9   | 621.5   | 609.8   | 596.5   | 583.1   |
| 47.5° | 751.8   | 751.8   | 745.2   | 736.8   | 725.1   | 711.7   | 693.4   | 673.3   | 656.6   | 639.9   | 619.9   |
| 45°   | 872.1   | 872.1   | 862.1   | 848.7   | 830.4   | 807.0   | 780.2   | 751.8   | 723.4   | 695.0   | 666.6   |
| 42.5° | 1067.6  | 1067.6  | 1049.2  | 1025.8  | 994.1   | 954.0   | 903.9   | 857.1   | 817.0   | 771.9   | 733.5   |
| 40°   | 1405.1  | 1405.1  | 1370.0  | 1326.6  | 1266.4  | 1189.6  | 1097.7  | 1024.2  | 954.0   | 875.5   | 822.0   |
| 37.5° | 2004.9  | 2004.9  | 1936.4  | 1852.9  | 1735.9  | 1588.9  | 1411.8  | 1293.2  | 1162.8  | 1039.2  | 949.0   |
| 35°   | 3064.2  | 3064.2  | 2932.2  | 2770.1  | 2544.6  | 2260.5  | 1958.1  | 1734.2  | 1485.3  | 1294.8  | 1126.1  |
| 32.5° | 4801.8  | 4801.8  | 4564.5  | 4272.1  | 3869.5  | 3359.9  | 2875.4  | 2449.3  | 2004.9  | 1689.1  | 1385.1  |
| 30°   | 6866.8  | 6866.8  | 6556.0  | 6173.4  | 5648.8  | 4987.2  | 4297.2  | 3540.3  | 2838.6  | 2275.6  | 1816.1  |
| 27.5° | 9002.0  | 8913.5  | 8646.2  | 8210.1  | 7612.0  | 6866.8  | 6006.4  | 5029.0  | 4080.0  | 3087.6  | 2430.9  |
| 25°   | 11210.8 | 11107.2 | 10801.4 | 10300.2 | 9615.2  | 8771.5  | 7802.4  | 6709.8  | 5538.6  | 4355.7  | 3219.5  |
| 22.5° | 13442.9 | 13325.9 | 12978.4 | 12412.0 | 11643.5 | 10697.9 | 9600.2  | 8385.5  | 7077.3  | 5710.6  | 4355.7  |
| 20°   | 15506.3 | 15382.7 | 15018.4 | 14428.6 | 13633.4 | 12595.8 | 11376.2 | 10029.5 | 8582.7  | 7077.3  | 5538.6  |
| 17.5° | 17233.8 | 17115.2 | 16764.4 | 16201.3 | 15506.3 | 14358.5 | 13090.4 | 11610.1 | 10029.5 | 8385.5  | 6709.8  |
| 15°   | 18495.3 | 18393.4 | 18094.3 | 17621.5 | 16913.1 | 15897.2 | 14605.7 | 13090.4 | 11376.2 | 9600.2  | 7802.4  |
| 12.5° | 19332.3 | 19250.5 | 19014.9 | 18647.3 | 18012.4 | 17160.3 | 15897.2 | 14358.5 | 12595.8 | 10697.9 | 8771.5  |
| 10°   | 19654.8 | 19614.7 | 19504.4 | 19335.7 | 18794.3 | 18012.4 | 16913.1 | 15506.3 | 13633.4 | 11643.5 | 9615.2  |
| 7.5°  | 19569.6 | 19582.9 | 19621.4 | 19577.9 | 19335.7 | 18647.3 | 17621.5 | 16201.3 | 14428.6 | 12412.0 | 10300.2 |
| 5°    | 19265.5 | 19337.3 | 19516.1 | 19621.4 | 19504.4 | 19014.9 | 18094.3 | 16764.4 | 15018.4 | 12978.4 | 10801.4 |
| 2.5°  | 18994.8 | 19106.8 | 19337.3 | 19582.9 | 19614.7 | 19250.5 | 18393.4 | 17115.2 | 15382.7 | 13325.9 | 11107.2 |
| 0°    | 18861.2 | 18994.8 | 19265.5 | 19569.6 | 19654.8 | 19332.3 | 18495.3 | 17233.8 | 15506.3 | 13442.9 | 11210.8 |

REPORT NUMBER: P623640

CATALOG NUMBER: IFLD-S-SA2D-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° | 20.0   | 18.4   | 18.4   | 18.4   | 16.7   | 16.7   | 16.7   | 15.0  | 15.0  | 13.4  | 13.4  |
| 85°   | 46.8   | 45.1   | 43.4   | 41.8   | 40.1   | 38.4   | 36.8   | 35.1  | 33.4  | 30.1  | 28.4  |
| 82.5° | 75.2   | 73.5   | 71.8   | 68.5   | 66.8   | 63.5   | 60.1   | 56.8  | 53.5  | 51.8  | 48.5  |
| 80°   | 108.6  | 105.3  | 101.9  | 98.6   | 93.6   | 88.6   | 85.2   | 80.2  | 76.9  | 71.8  | 68.5  |
| 77.5° | 147.0  | 142.0  | 137.0  | 130.3  | 125.3  | 120.3  | 113.6  | 108.6 | 101.9 | 95.2  | 88.6  |
| 75°   | 190.5  | 183.8  | 175.4  | 168.7  | 162.1  | 153.7  | 145.4  | 137.0 | 128.6 | 120.3 | 111.9 |
| 72.5° | 237.2  | 228.9  | 220.5  | 212.2  | 202.2  | 190.5  | 180.4  | 168.7 | 158.7 | 148.7 | 137.0 |
| 70°   | 285.7  | 275.7  | 265.7  | 255.6  | 243.9  | 230.6  | 218.9  | 205.5 | 192.1 | 178.8 | 165.4 |
| 67.5° | 330.8  | 320.8  | 309.1  | 299.1  | 285.7  | 272.3  | 257.3  | 242.3 | 227.2 | 210.5 | 193.8 |
| 65°   | 377.6  | 365.9  | 352.5  | 339.2  | 325.8  | 310.8  | 295.7  | 280.7 | 262.3 | 243.9 | 227.2 |
| 62.5° | 416.0  | 406.0  | 394.3  | 380.9  | 365.9  | 349.2  | 334.2  | 314.1 | 295.7 | 277.3 | 255.6 |
| 60°   | 452.8  | 441.1  | 431.1  | 416.0  | 402.7  | 387.6  | 369.2  | 349.2 | 329.1 | 307.4 | 287.4 |
| 57.5° | 484.5  | 474.5  | 462.8  | 449.4  | 434.4  | 419.4  | 402.7  | 384.3 | 360.9 | 339.2 | 315.8 |
| 55°   | 512.9  | 501.2  | 489.5  | 477.8  | 464.5  | 447.8  | 431.1  | 412.7 | 392.6 | 369.2 | 344.2 |
| 52.5° | 541.3  | 529.6  | 516.3  | 504.6  | 489.5  | 474.5  | 457.8  | 439.4 | 419.4 | 397.6 | 370.9 |
| 50°   | 569.7  | 556.4  | 543.0  | 528.0  | 512.9  | 497.9  | 481.2  | 464.5 | 442.8 | 421.0 | 397.6 |
| 47.5° | 603.1  | 586.4  | 569.7  | 553.0  | 538.0  | 519.6  | 502.9  | 484.5 | 466.1 | 442.8 | 419.4 |
| 45°   | 644.9  | 619.9  | 599.8  | 579.8  | 561.4  | 543.0  | 522.9  | 504.6 | 484.5 | 464.5 | 439.4 |
| 42.5° | 696.7  | 663.3  | 636.6  | 609.8  | 586.4  | 564.7  | 544.7  | 522.9 | 502.9 | 481.2 | 457.8 |
| 40°   | 766.9  | 721.8  | 678.3  | 644.9  | 614.8  | 588.1  | 564.7  | 543.0 | 519.6 | 497.9 | 474.5 |
| 37.5° | 858.8  | 795.3  | 735.1  | 686.7  | 648.3  | 614.8  | 586.4  | 561.4 | 538.0 | 512.9 | 489.5 |
| 35°   | 997.4  | 887.2  | 810.3  | 740.1  | 686.7  | 644.9  | 609.8  | 579.8 | 553.0 | 528.0 | 504.6 |
| 32.5° | 1192.9 | 1022.5 | 898.9  | 810.3  | 735.1  | 678.3  | 636.6  | 599.8 | 569.7 | 543.0 | 516.3 |
| 30°   | 1450.2 | 1214.6 | 1022.5 | 887.2  | 795.3  | 721.8  | 663.3  | 619.9 | 586.4 | 556.4 | 529.6 |
| 27.5° | 1857.9 | 1450.2 | 1192.9 | 997.4  | 858.8  | 766.9  | 696.7  | 644.9 | 603.1 | 569.7 | 541.3 |
| 25°   | 2430.9 | 1816.1 | 1385.1 | 1126.1 | 949.0  | 822.0  | 733.5  | 666.6 | 619.9 | 583.1 | 551.3 |
| 22.5° | 3087.6 | 2275.6 | 1689.1 | 1294.8 | 1039.2 | 875.5  | 771.9  | 695.0 | 639.9 | 596.5 | 561.4 |
| 20°   | 4080.0 | 2838.6 | 2004.9 | 1485.3 | 1162.8 | 954.0  | 817.0  | 723.4 | 656.6 | 609.8 | 571.4 |
| 17.5° | 5029.0 | 3540.3 | 2449.3 | 1734.2 | 1293.2 | 1024.2 | 857.1  | 751.8 | 673.3 | 621.5 | 581.4 |
| 15°   | 6006.4 | 4297.2 | 2875.4 | 1958.1 | 1411.8 | 1097.7 | 903.9  | 780.2 | 693.4 | 634.9 | 589.8 |
| 12.5° | 6866.8 | 4987.2 | 3359.9 | 2260.5 | 1588.9 | 1189.6 | 954.0  | 807.0 | 711.7 | 644.9 | 598.1 |
| 10°   | 7612.0 | 5648.8 | 3869.5 | 2544.6 | 1735.9 | 1266.4 | 994.1  | 830.4 | 725.1 | 653.3 | 603.1 |
| 7.5°  | 8210.1 | 6173.4 | 4272.1 | 2770.1 | 1852.9 | 1326.6 | 1025.8 | 848.7 | 736.8 | 661.6 | 608.2 |
| 5°    | 8646.2 | 6556.0 | 4564.5 | 2932.2 | 1936.4 | 1370.0 | 1049.2 | 862.1 | 745.2 | 666.6 | 611.5 |
| 2.5°  | 8913.5 | 6866.8 | 4801.8 | 3064.2 | 2004.9 | 1405.1 | 1067.6 | 872.1 | 751.8 | 670.0 | 614.8 |
| 0°    | 9002.0 | 6866.8 | 4801.8 | 3064.2 | 2004.9 | 1405.1 | 1067.6 | 872.1 | 751.8 | 670.0 | 614.8 |

REPORT NUMBER: P623640

CATALOG NUMBER: IFLD-S-SA2D-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° | 11.7  | 11.7  | 10.0  | 10.0  | 8.4   | 8.4   | 6.7   | 6.7   | 5.0   | 5.0   | 3.3   |
| 85°   | 26.7  | 23.4  | 21.7  | 20.0  | 18.4  | 16.7  | 15.0  | 13.4  | 11.7  | 10.0  | 8.4   |
| 82.5° | 45.1  | 41.8  | 36.8  | 33.4  | 30.1  | 26.7  | 21.7  | 20.0  | 16.7  | 13.4  | 11.7  |
| 80°   | 63.5  | 58.5  | 53.5  | 48.5  | 43.4  | 38.4  | 33.4  | 28.4  | 23.4  | 18.4  | 15.0  |
| 77.5° | 81.9  | 75.2  | 70.2  | 63.5  | 56.8  | 50.1  | 43.4  | 36.8  | 30.1  | 23.4  | 18.4  |
| 75°   | 103.6 | 95.2  | 86.9  | 78.5  | 70.2  | 61.8  | 55.1  | 46.8  | 38.4  | 30.1  | 23.4  |
| 72.5° | 127.0 | 115.3 | 105.3 | 95.2  | 83.5  | 75.2  | 65.2  | 56.8  | 46.8  | 36.8  | 28.4  |
| 70°   | 152.0 | 138.7 | 125.3 | 111.9 | 100.2 | 86.9  | 76.9  | 65.2  | 55.1  | 43.4  | 33.4  |
| 67.5° | 177.1 | 162.1 | 147.0 | 130.3 | 115.3 | 101.9 | 86.9  | 75.2  | 61.8  | 50.1  | 38.4  |
| 65°   | 207.2 | 187.1 | 168.7 | 150.4 | 132.0 | 115.3 | 100.2 | 83.5  | 70.2  | 56.8  | 43.4  |
| 62.5° | 235.6 | 213.9 | 192.1 | 170.4 | 150.4 | 130.3 | 111.9 | 95.2  | 78.5  | 63.5  | 48.5  |
| 60°   | 264.0 | 240.6 | 215.5 | 192.1 | 168.7 | 147.0 | 125.3 | 105.3 | 86.9  | 70.2  | 53.5  |
| 57.5° | 292.4 | 265.7 | 240.6 | 213.9 | 187.1 | 162.1 | 138.7 | 115.3 | 95.2  | 75.2  | 58.5  |
| 55°   | 317.4 | 292.4 | 264.0 | 235.6 | 207.2 | 177.1 | 152.0 | 127.0 | 103.6 | 81.9  | 63.5  |
| 52.5° | 344.2 | 315.8 | 287.4 | 255.6 | 227.2 | 193.8 | 165.4 | 137.0 | 111.9 | 88.6  | 68.5  |
| 50°   | 369.2 | 339.2 | 307.4 | 277.3 | 243.9 | 210.5 | 178.8 | 148.7 | 120.3 | 95.2  | 71.8  |
| 47.5° | 392.6 | 360.9 | 329.1 | 295.7 | 262.3 | 227.2 | 192.1 | 158.7 | 128.6 | 101.9 | 76.9  |
| 45°   | 412.7 | 384.3 | 349.2 | 314.1 | 280.7 | 242.3 | 205.5 | 168.7 | 137.0 | 108.6 | 80.2  |
| 42.5° | 431.1 | 402.7 | 369.2 | 334.2 | 295.7 | 257.3 | 218.9 | 180.4 | 145.4 | 113.6 | 85.2  |
| 40°   | 447.8 | 419.4 | 387.6 | 349.2 | 310.8 | 272.3 | 230.6 | 190.5 | 153.7 | 120.3 | 88.6  |
| 37.5° | 464.5 | 434.4 | 402.7 | 365.9 | 325.8 | 285.7 | 243.9 | 202.2 | 162.1 | 125.3 | 93.6  |
| 35°   | 477.8 | 449.4 | 416.0 | 380.9 | 339.2 | 299.1 | 255.6 | 212.2 | 168.7 | 130.3 | 98.6  |
| 32.5° | 489.5 | 462.8 | 431.1 | 394.3 | 352.5 | 309.1 | 265.7 | 220.5 | 175.4 | 137.0 | 101.9 |
| 30°   | 501.2 | 474.5 | 441.1 | 406.0 | 365.9 | 320.8 | 275.7 | 228.9 | 183.8 | 142.0 | 105.3 |
| 27.5° | 512.9 | 484.5 | 452.8 | 416.0 | 377.6 | 330.8 | 285.7 | 237.2 | 190.5 | 147.0 | 108.6 |
| 25°   | 522.9 | 492.9 | 462.8 | 426.0 | 387.6 | 340.8 | 294.1 | 245.6 | 197.1 | 152.0 | 111.9 |
| 22.5° | 531.3 | 501.2 | 471.2 | 434.4 | 396.0 | 349.2 | 300.7 | 252.3 | 202.2 | 155.4 | 115.3 |
| 20°   | 539.7 | 509.6 | 477.8 | 442.8 | 402.7 | 357.5 | 307.4 | 259.0 | 207.2 | 158.7 | 117.0 |
| 17.5° | 548.0 | 516.3 | 484.5 | 449.4 | 409.3 | 364.2 | 314.1 | 264.0 | 212.2 | 162.1 | 120.3 |
| 15°   | 554.7 | 521.3 | 489.5 | 454.4 | 416.0 | 370.9 | 319.1 | 269.0 | 215.5 | 165.4 | 122.0 |
| 12.5° | 559.7 | 526.3 | 494.5 | 459.5 | 419.4 | 375.9 | 324.1 | 272.3 | 218.9 | 168.7 | 123.6 |
| 10°   | 564.7 | 531.3 | 497.9 | 464.5 | 424.4 | 379.3 | 327.5 | 275.7 | 222.2 | 170.4 | 125.3 |
| 7.5°  | 568.1 | 534.6 | 501.2 | 467.8 | 427.7 | 382.6 | 330.8 | 279.0 | 223.9 | 172.1 | 127.0 |
| 5°    | 571.4 | 536.3 | 502.9 | 469.5 | 429.4 | 387.6 | 334.2 | 282.4 | 227.2 | 173.8 | 127.0 |
| 2.5°  | 573.1 | 538.0 | 504.6 | 471.2 | 431.1 | 387.6 | 334.2 | 282.4 | 227.2 | 173.8 | 127.0 |
| 0°    | 573.1 | 538.0 | 504.6 | 471.2 | 431.1 | 387.6 | 334.2 | 282.4 | 227.2 | 173.8 | 127.0 |

REPORT NUMBER: P623640

CATALOG NUMBER: IFLD-S-SA2D-735-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 3.3   | 1.7  | 1.7   | 0.0 |
| 85°   | 5.0   | 3.3  | 1.7   | 0.0 |
| 82.5° | 8.4   | 5.0  | 3.3   | 0.0 |
| 80°   | 11.7  | 8.4  | 3.3   | 0.0 |
| 77.5° | 13.4  | 10.0 | 5.0   | 0.0 |
| 75°   | 16.7  | 11.7 | 5.0   | 0.0 |
| 72.5° | 20.0  | 13.4 | 6.7   | 0.0 |
| 70°   | 21.7  | 15.0 | 6.7   | 0.0 |
| 67.5° | 26.7  | 16.7 | 8.4   | 0.0 |
| 65°   | 30.1  | 18.4 | 8.4   | 0.0 |
| 62.5° | 33.4  | 20.0 | 10.0  | 0.0 |
| 60°   | 36.8  | 21.7 | 10.0  | 0.0 |
| 57.5° | 41.8  | 23.4 | 11.7  | 0.0 |
| 55°   | 45.1  | 26.7 | 11.7  | 0.0 |
| 52.5° | 48.5  | 28.4 | 13.4  | 0.0 |
| 50°   | 51.8  | 30.1 | 13.4  | 0.0 |
| 47.5° | 53.5  | 33.4 | 15.0  | 0.0 |
| 45°   | 56.8  | 35.1 | 15.0  | 0.0 |
| 42.5° | 60.1  | 36.8 | 16.7  | 0.0 |
| 40°   | 63.5  | 38.4 | 16.7  | 0.0 |
| 37.5° | 66.8  | 40.1 | 16.7  | 0.0 |
| 35°   | 68.5  | 41.8 | 18.4  | 0.0 |
| 32.5° | 71.8  | 43.4 | 18.4  | 0.0 |
| 30°   | 73.5  | 45.1 | 18.4  | 0.0 |
| 27.5° | 75.2  | 46.8 | 20.0  | 0.0 |
| 25°   | 76.9  | 46.8 | 20.0  | 0.0 |
| 22.5° | 78.5  | 48.5 | 20.0  | 0.0 |
| 20°   | 80.2  | 50.1 | 20.0  | 0.0 |
| 17.5° | 81.9  | 50.1 | 20.0  | 0.0 |
| 15°   | 83.5  | 51.8 | 21.7  | 0.0 |
| 12.5° | 85.2  | 51.8 | 21.7  | 0.0 |
| 10°   | 85.2  | 53.5 | 21.7  | 0.0 |
| 7.5°  | 86.9  | 53.5 | 21.7  | 0.0 |
| 5°    | 86.9  | 53.5 | 21.7  | 0.0 |
| 2.5°  | 86.9  | 53.5 | 21.7  | 0.0 |
| 0°    | 86.9  | 53.5 | 21.7  | 0.0 |

(END OF REPORT)