

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: P723441

Luminaire Tested: **IFLD-S-SA6B-830-U-22**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P723441  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6B-830-U-22  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens  
Light Source: (96) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

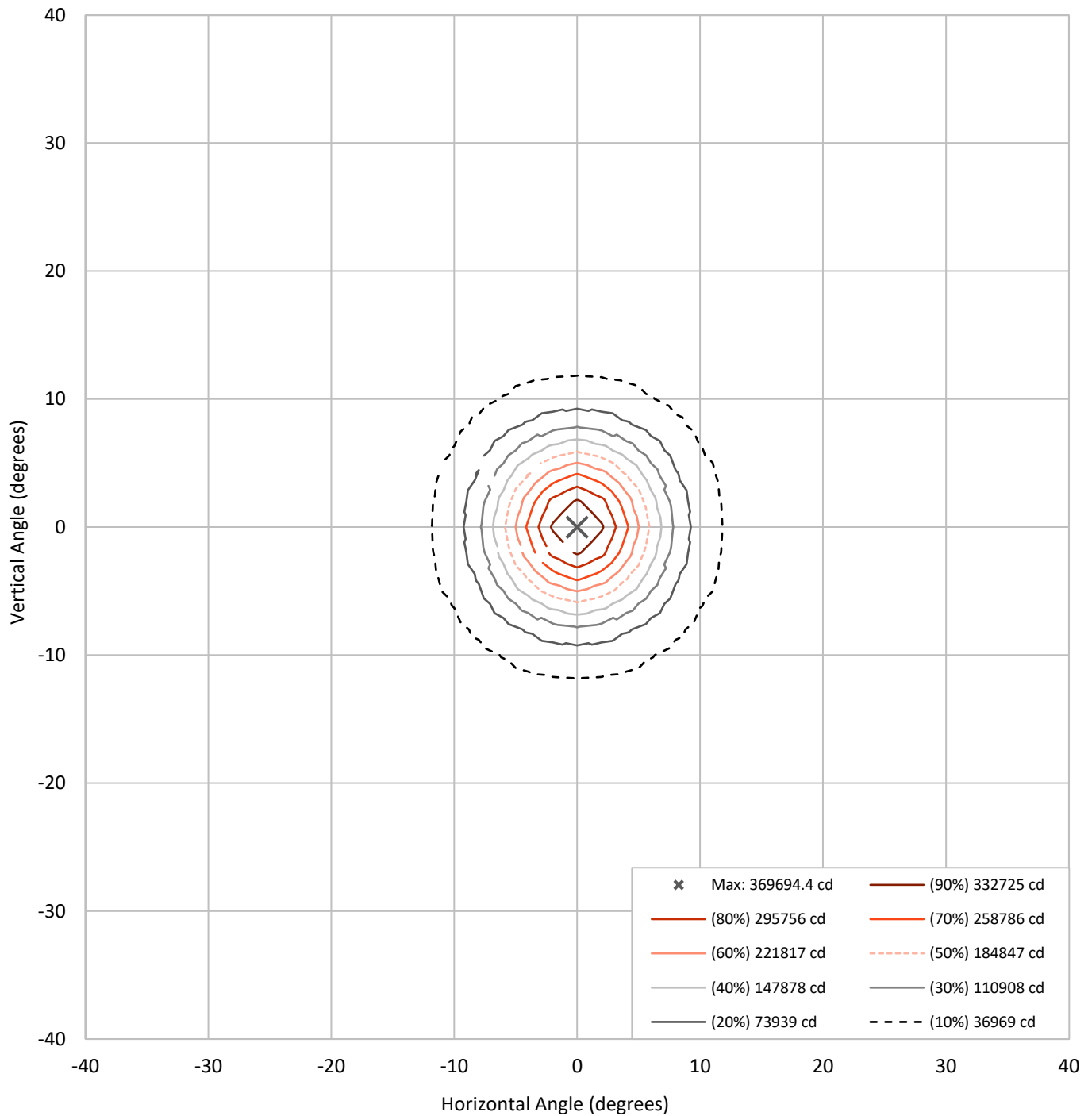
|  |                                    |
|--|------------------------------------|
| Lumens per Lamp: N/A                                   | NEMA Type: 2H x 2V                 |
| Luminaire Lumens: 24755.7 lumens                       | Max Intensity: 369694.4 candela    |
| Efficiency: N/A  | Max Intensity Angle: 0°H x 0°V     |
| Efficacy: 101.1 lumens/watt                            |                                    |
| Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0') |                                    |
| Beam Angle (50%): 11.8°H x 11.8°V                      | Field Angle (10%): 23.7°H x 23.7°V |
| Beam Lumens: 5996.7 lumens                             | Field Lumens: 12887 lumens         |
| Beam Efficiency: 24.2%                                 | Field Efficiency: 52.1%            |

Input Watts (W): 244.9  
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: 28.75 FT



REPORT NUMBER: P723441  
CATALOG NUMBER: IFLD-S-SA6B-830-U-22

### Iso-Candela Plot





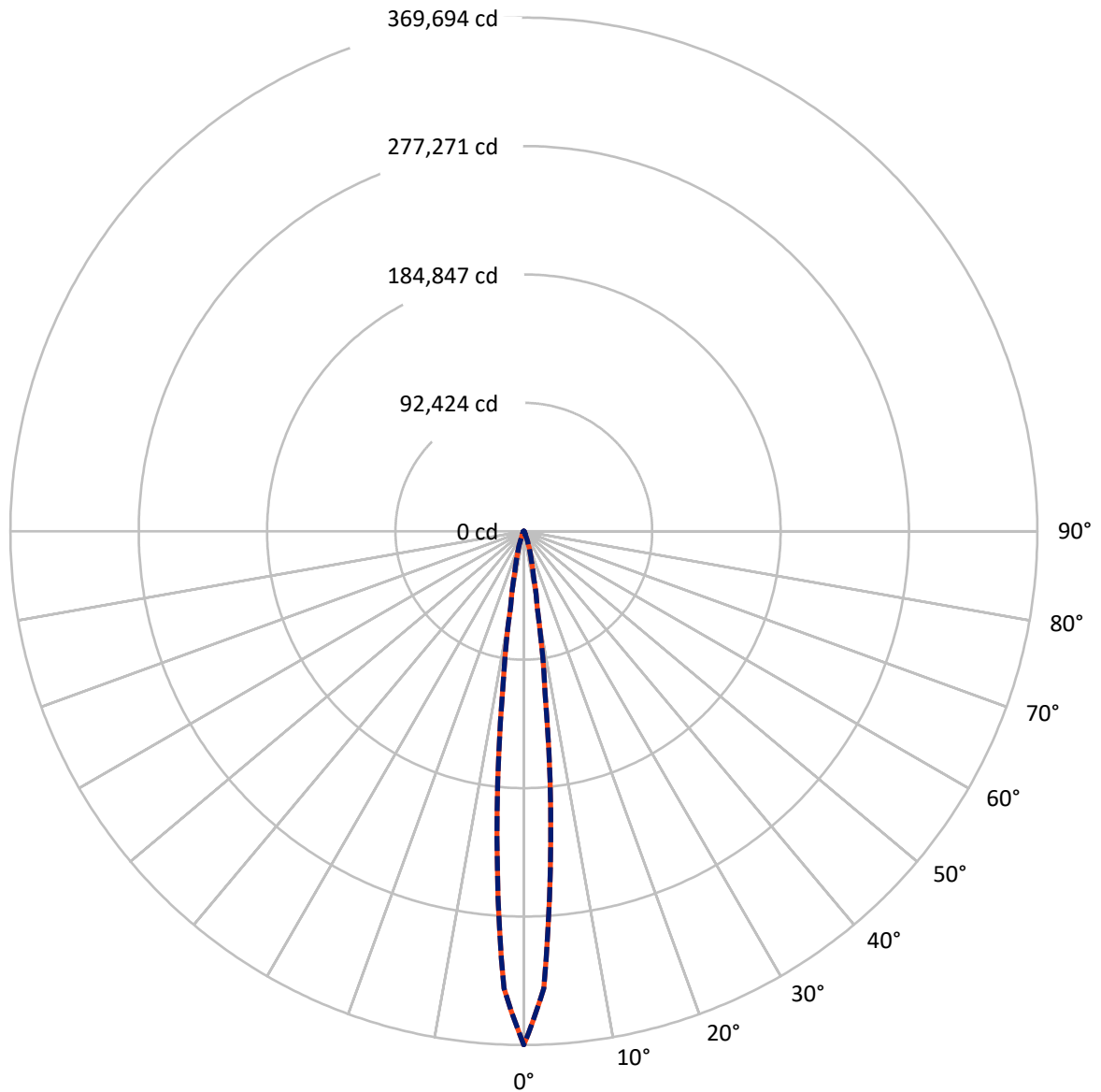
REPORT NUMBER: P723441  
 CATALOG NUMBER: IFLD-S-SA6B-830-U-22

### Lumen Table

|     |     |     |     |      |      |      |       |        |        |       |      |      |      |     |     |     |    |    |    |
|-----|-----|-----|-----|------|------|------|-------|--------|--------|-------|------|------|------|-----|-----|-----|----|----|----|
| 90  | 0.8 | 5.2 |     | 11.9 |      | 17.9 |       | 20.3   |        | 17.9  |      | 11.9 |      | 5.2 |     | 0.8 |    |    |    |
| 80  | 0.8 | 5.2 |     | 11.9 |      | 17.9 |       | 20.3   |        | 17.9  |      | 11.9 |      | 5.2 |     | 0.8 |    |    |    |
| 70  | 2.4 | 2.2 | 4.1 | 6.3  | 8.5  | 10.3 | 11.6  | 12.2   | 12.2   | 11.6  | 10.3 | 8.5  | 6.3  | 4.1 | 2.2 | 2.4 |    |    |    |
| 60  |     | 3.0 | 5.7 | 8.5  | 10.7 | 12.4 | 13.5  | 14.1   | 14.1   | 13.5  | 12.4 | 10.7 | 8.5  | 5.7 | 3.0 |     |    |    |    |
| 50  | 3.5 | 3.8 | 6.9 | 9.5  | 11.6 | 13.6 | 15.6  | 16.9   | 16.9   | 15.6  | 13.6 | 11.6 | 9.5  | 6.9 | 3.8 | 3.5 |    |    |    |
| 40  |     | 4.4 | 7.5 | 10.1 | 12.9 | 17.3 | 22.1  | 25.4   | 25.4   | 22.1  | 17.3 | 12.9 | 10.1 | 7.5 | 4.4 |     |    |    |    |
| 30  | 4.4 | 4.9 | 7.8 | 10.6 | 15.7 | 23.8 | 45.2  | 86.6   | 86.6   | 45.2  | 23.8 | 15.7 | 10.6 | 7.8 | 4.9 | 4.4 |    |    |    |
| 20  |     | 5.1 | 8.0 | 11.4 | 18.8 | 42.7 | 209.4 | 585.1  | 585.1  | 209.4 | 42.7 | 18.8 | 11.4 | 8.0 | 5.1 |     |    |    |    |
| 10  | 4.7 | 5.2 | 8.1 | 12.1 | 21.0 | 79.6 | 570.3 | 4058.1 | 4058.1 | 570.3 | 79.6 | 21.0 | 12.1 | 8.1 | 5.2 | 4.7 |    |    |    |
| 0   |     | 5.2 | 8.1 | 12.1 | 21.0 | 79.6 | 570.3 | 4058.1 | 4058.1 | 570.3 | 79.6 | 21.0 | 12.1 | 8.1 | 5.2 |     |    |    |    |
| -10 | 4.4 | 5.1 | 8.0 | 11.4 | 18.8 | 42.7 | 209.4 | 585.1  | 585.1  | 209.4 | 42.7 | 18.8 | 11.4 | 8.0 | 5.1 | 4.4 |    |    |    |
| -20 |     | 4.9 | 7.8 | 10.6 | 15.7 | 23.8 | 45.2  | 86.6   | 86.6   | 45.2  | 23.8 | 15.7 | 10.6 | 7.8 | 4.9 |     |    |    |    |
| -30 | 3.5 | 4.4 | 7.5 | 10.1 | 12.9 | 17.3 | 22.1  | 25.4   | 25.4   | 22.1  | 17.3 | 12.9 | 10.1 | 7.5 | 4.4 | 3.5 |    |    |    |
| -40 |     | 3.8 | 6.9 | 9.5  | 11.6 | 13.6 | 15.6  | 16.9   | 16.9   | 15.6  | 13.6 | 11.6 | 9.5  | 6.9 | 3.8 |     |    |    |    |
| -50 | 2.4 | 3.0 | 5.7 | 8.5  | 10.7 | 12.4 | 13.5  | 14.1   | 14.1   | 13.5  | 12.4 | 10.7 | 8.5  | 5.7 | 3.0 | 2.4 |    |    |    |
| -60 |     | 2.2 | 4.1 | 6.3  | 8.5  | 10.3 | 11.6  | 12.2   | 12.2   | 11.6  | 10.3 | 8.5  | 6.3  | 4.1 | 2.2 |     |    |    |    |
| -70 | 0.8 | 5.2 |     | 11.9 |      | 17.9 |       | 20.3   |        | 17.9  |      | 11.9 |      | 5.2 |     | 0.8 |    |    |    |
| -80 |     | 5.2 |     | 11.9 |      | 17.9 |       | 20.3   |        | 17.9  |      | 11.9 |      | 5.2 |     |     |    |    |    |
| -90 | 0.8 | 5.2 |     | 11.9 |      | 17.9 |       | 20.3   |        | 17.9  |      | 11.9 |      | 5.2 |     | 0.8 |    |    |    |
|     | -90 | -80 | -70 | -60  | -50  | -40  | -30   | -20    | -10    | 0     | 10   | 20   | 30   | 40  | 50  | 60  | 70 | 80 | 90 |

REPORT NUMBER: P723441  
CATALOG NUMBER: IFLD-S-SA6B-830-U-22

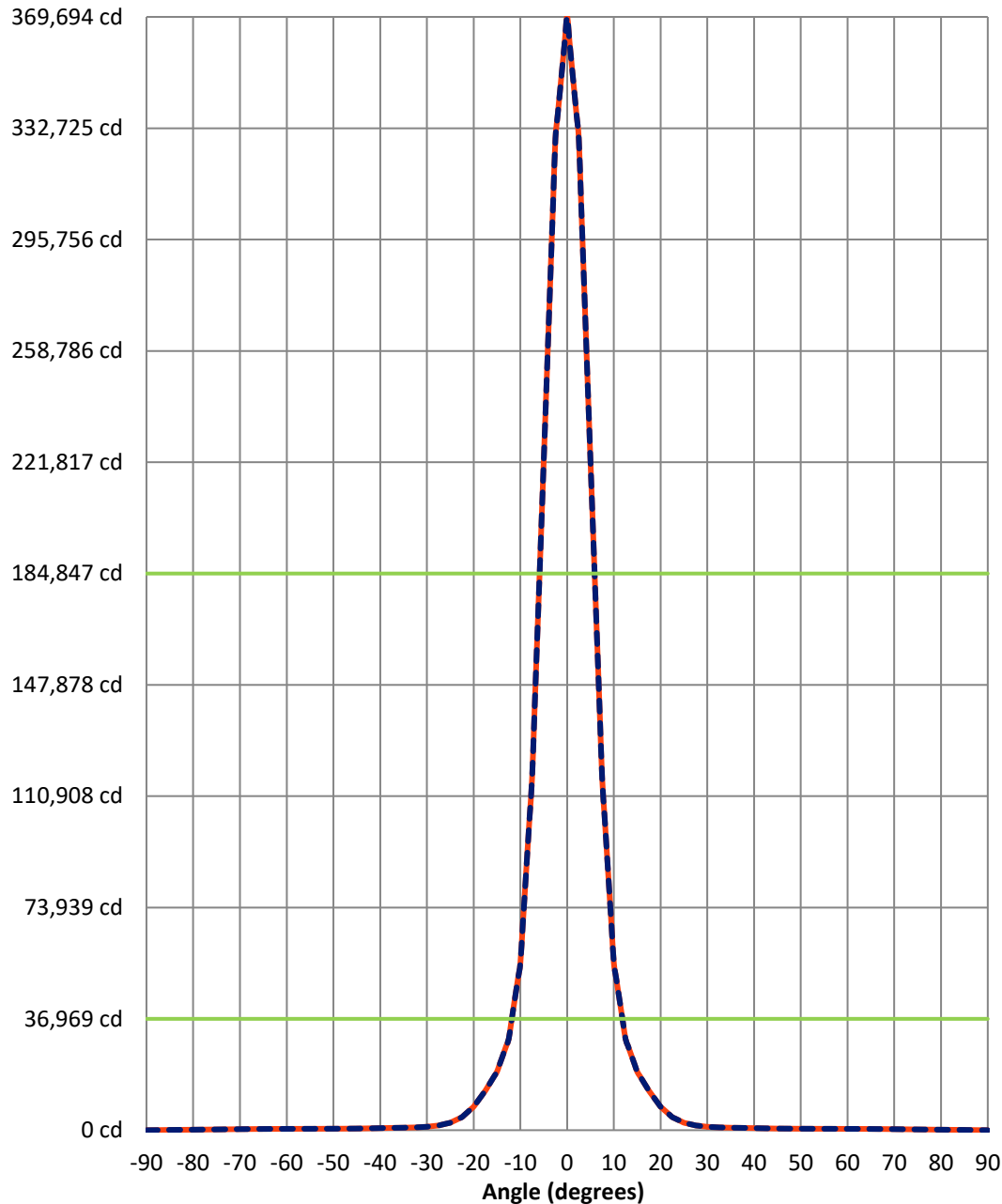
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P723441  
CATALOG NUMBER: IFLD-S-SA6B-830-U-22

### Luminous Intensity Plot



**Beam:**  
H Angle: 11.8°  
V Angle: 11.8°  
Lumens: 5996.7  
Efficiency: 24.2%

**Field:**  
H Angle: 23.7°  
V Angle: 23.7°  
Lumens: 12887  
Efficiency: 52.1%

**Spill:**  
Lumens: 11868.7  
Efficiency: 47.9%

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



REPORT NUMBER: P723441  
 CATALOG NUMBER: IFLD-S-SA6B-830-U-22

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° | 36.5     | 36.5     | 36.5     | 36.5     | 36.5    | 36.5    | 36.5    | 36.5    | 32.9   | 32.9   | 32.9   |
| 85°   | 95.0     | 95.0     | 95.0     | 95.0     | 95.0    | 91.3    | 91.3    | 91.3    | 87.7   | 87.7   | 84.0   |
| 82.5° | 127.9    | 127.9    | 127.9    | 127.9    | 127.9   | 124.2   | 124.2   | 124.2   | 120.6  | 120.6  | 116.9  |
| 80°   | 164.4    | 164.4    | 164.4    | 164.4    | 160.8   | 160.8   | 160.8   | 157.1   | 157.1  | 153.5  | 149.8  |
| 77.5° | 204.6    | 204.6    | 204.6    | 204.6    | 201.0   | 201.0   | 197.3   | 193.6   | 193.6  | 190.0  | 186.3  |
| 75°   | 248.4    | 248.4    | 248.4    | 244.8    | 244.8   | 241.1   | 237.5   | 237.5   | 233.8  | 226.5  | 222.9  |
| 72.5° | 295.9    | 295.9    | 295.9    | 292.3    | 292.3   | 288.6   | 285.0   | 281.3   | 274.0  | 270.4  | 263.1  |
| 70°   | 343.4    | 343.4    | 343.4    | 339.8    | 336.1   | 332.5   | 328.8   | 325.2   | 317.9  | 314.2  | 306.9  |
| 67.5° | 380.0    | 380.0    | 380.0    | 376.3    | 376.3   | 372.7   | 369.0   | 365.4   | 358.1  | 354.4  | 347.1  |
| 65°   | 409.2    | 409.2    | 409.2    | 405.6    | 405.6   | 401.9   | 398.2   | 394.6   | 390.9  | 387.3  | 380.0  |
| 62.5° | 431.1    | 431.1    | 431.1    | 427.5    | 427.5   | 423.8   | 423.8   | 420.2   | 416.5  | 412.9  | 405.6  |
| 60°   | 442.1    | 442.1    | 442.1    | 442.1    | 438.4   | 438.4   | 438.4   | 434.8   | 434.8  | 431.1  | 427.5  |
| 57.5° | 456.7    | 456.7    | 456.7    | 456.7    | 453.1   | 453.1   | 449.4   | 445.7   | 445.7  | 442.1  | 438.4  |
| 55°   | 464.0    | 464.0    | 464.0    | 464.0    | 464.0   | 460.4   | 460.4   | 460.4   | 456.7  | 453.1  | 449.4  |
| 52.5° | 475.0    | 475.0    | 475.0    | 475.0    | 471.3   | 471.3   | 467.7   | 467.7   | 464.0  | 460.4  | 460.4  |
| 50°   | 489.6    | 489.6    | 489.6    | 485.9    | 485.9   | 482.3   | 478.6   | 475.0   | 475.0  | 471.3  | 467.7  |
| 47.5° | 511.5    | 511.5    | 511.5    | 507.9    | 504.2   | 500.5   | 496.9   | 489.6   | 485.9  | 482.3  | 475.0  |
| 45°   | 544.4    | 544.4    | 540.7    | 537.1    | 533.4   | 526.1   | 518.8   | 511.5   | 504.2  | 496.9  | 489.6  |
| 42.5° | 610.2    | 610.2    | 602.9    | 595.5    | 584.6   | 570.0   | 555.4   | 540.7   | 529.8  | 518.8  | 507.9  |
| 40°   | 686.9    | 686.9    | 679.6    | 668.6    | 654.0   | 639.4   | 617.5   | 595.5   | 573.6  | 544.4  | 529.8  |
| 37.5° | 763.6    | 763.6    | 756.3    | 745.3    | 730.7   | 708.8   | 686.9   | 661.3   | 632.1  | 599.2  | 570.0  |
| 35°   | 822.1    | 822.1    | 814.8    | 807.5    | 792.8   | 778.2   | 756.3   | 730.7   | 697.8  | 661.3  | 624.8  |
| 32.5° | 924.4    | 924.4    | 909.8    | 891.5    | 869.6   | 840.3   | 811.1   | 789.2   | 763.6  | 723.4  | 683.2  |
| 30°   | 1132.6   | 1132.6   | 1099.7   | 1063.2   | 1008.4  | 942.6   | 895.1   | 851.3   | 811.1  | 778.2  | 738.0  |
| 27.5° | 1571.1   | 1552.8   | 1498.0   | 1406.7   | 1286.1  | 1132.6  | 1044.9  | 946.3   | 880.5  | 822.1  | 785.5  |
| 25°   | 2477.2   | 2433.3   | 2309.1   | 2104.5   | 1823.2  | 1523.6  | 1326.3  | 1118.0  | 997.4  | 898.8  | 833.0  |
| 22.5° | 4333.2   | 4234.6   | 3945.9   | 3474.6   | 2835.2  | 2265.3  | 1815.9  | 1443.2  | 1176.5 | 1015.7 | 898.8  |
| 20°   | 7789.6   | 7585.0   | 6971.2   | 5984.7   | 4654.7  | 3628.1  | 2616.0  | 1991.2  | 1483.4 | 1176.5 | 997.4  |
| 17.5° | 13102.0  | 12736.6  | 11658.8  | 9930.6   | 7789.6  | 5864.1  | 4040.9  | 2809.7  | 1991.2 | 1443.2 | 1118.0 |
| 15°   | 19415.5  | 18904.0  | 17413.3  | 15042.1  | 12115.5 | 8995.3  | 6280.6  | 4040.9  | 2616.0 | 1815.9 | 1326.3 |
| 12.5° | 30259.5  | 29203.6  | 26145.5  | 21381.2  | 16996.8 | 12875.5 | 8995.3  | 5864.1  | 3628.1 | 2265.3 | 1523.6 |
| 10°   | 55520.8  | 52440.8  | 43708.6  | 30489.7  | 23292.0 | 16996.8 | 12115.5 | 7789.6  | 4654.7 | 2835.2 | 1823.2 |
| 7.5°  | 116825.4 | 103135.2 | 74450.4  | 49543.5  | 30489.7 | 21381.2 | 15042.1 | 9930.6  | 5984.7 | 3474.6 | 2104.5 |
| 5°    | 222152.8 | 194187.8 | 133793.0 | 74450.4  | 43708.6 | 26145.5 | 17413.3 | 11658.8 | 6971.2 | 3945.9 | 2309.1 |
| 2.5°  | 329328.9 | 290669.7 | 194187.8 | 103135.2 | 52440.8 | 29203.6 | 18904.0 | 12736.6 | 7585.0 | 4234.6 | 2433.3 |
| 0°    | 369694.4 | 329328.9 | 222152.8 | 116825.4 | 55520.8 | 30259.5 | 19415.5 | 13102.0 | 7789.6 | 4333.2 | 2477.2 |



REPORT NUMBER: P723441  
 CATALOG NUMBER: IFLD-S-SA6B-830-U-22

**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° | 32.9   | 32.9   | 29.2  | 29.2  | 29.2  | 29.2  | 25.6  | 25.6  | 25.6  | 21.9  | 21.9  |
| 85°   | 80.4   | 80.4   | 76.7  | 73.1  | 69.4  | 69.4  | 65.8  | 62.1  | 58.5  | 54.8  | 47.5  |
| 82.5° | 116.9  | 113.3  | 113.3 | 109.6 | 106.0 | 106.0 | 102.3 | 98.6  | 95.0  | 91.3  | 84.0  |
| 80°   | 146.1  | 146.1  | 142.5 | 138.8 | 135.2 | 131.5 | 124.2 | 120.6 | 116.9 | 113.3 | 109.6 |
| 77.5° | 182.7  | 179.0  | 171.7 | 168.1 | 164.4 | 157.1 | 153.5 | 146.1 | 142.5 | 135.2 | 127.9 |
| 75°   | 219.2  | 211.9  | 208.3 | 201.0 | 193.6 | 186.3 | 179.0 | 171.7 | 164.4 | 157.1 | 149.8 |
| 72.5° | 255.8  | 248.4  | 244.8 | 233.8 | 226.5 | 219.2 | 208.3 | 201.0 | 193.6 | 182.7 | 171.7 |
| 70°   | 299.6  | 292.3  | 281.3 | 274.0 | 263.1 | 252.1 | 241.1 | 230.2 | 219.2 | 208.3 | 197.3 |
| 67.5° | 339.8  | 332.5  | 321.5 | 310.6 | 299.6 | 288.6 | 274.0 | 263.1 | 248.4 | 233.8 | 222.9 |
| 65°   | 372.7  | 365.4  | 358.1 | 347.1 | 336.1 | 321.5 | 306.9 | 292.3 | 277.7 | 263.1 | 248.4 |
| 62.5° | 398.2  | 390.9  | 383.6 | 376.3 | 365.4 | 354.4 | 343.4 | 325.2 | 310.6 | 292.3 | 274.0 |
| 60°   | 420.2  | 416.5  | 409.2 | 398.2 | 390.9 | 380.0 | 369.0 | 354.4 | 339.8 | 317.9 | 299.6 |
| 57.5° | 434.8  | 431.1  | 427.5 | 420.2 | 412.9 | 401.9 | 390.9 | 376.3 | 361.7 | 347.1 | 325.2 |
| 55°   | 445.7  | 442.1  | 438.4 | 434.8 | 427.5 | 420.2 | 409.2 | 398.2 | 383.6 | 369.0 | 350.8 |
| 52.5° | 456.7  | 453.1  | 445.7 | 442.1 | 438.4 | 431.1 | 423.8 | 412.9 | 401.9 | 387.3 | 369.0 |
| 50°   | 464.0  | 460.4  | 456.7 | 453.1 | 445.7 | 438.4 | 434.8 | 427.5 | 416.5 | 401.9 | 387.3 |
| 47.5° | 471.3  | 467.7  | 464.0 | 460.4 | 456.7 | 449.4 | 442.1 | 434.8 | 427.5 | 416.5 | 401.9 |
| 45°   | 482.3  | 475.0  | 471.3 | 464.0 | 460.4 | 456.7 | 449.4 | 442.1 | 434.8 | 427.5 | 412.9 |
| 42.5° | 496.9  | 485.9  | 482.3 | 475.0 | 467.7 | 464.0 | 456.7 | 449.4 | 442.1 | 434.8 | 423.8 |
| 40°   | 515.2  | 504.2  | 493.2 | 482.3 | 475.0 | 467.7 | 464.0 | 456.7 | 449.4 | 438.4 | 431.1 |
| 37.5° | 540.7  | 522.5  | 507.9 | 493.2 | 482.3 | 475.0 | 467.7 | 460.4 | 456.7 | 445.7 | 438.4 |
| 35°   | 588.2  | 548.0  | 526.1 | 507.9 | 493.2 | 482.3 | 475.0 | 464.0 | 460.4 | 453.1 | 442.1 |
| 32.5° | 639.4  | 595.5  | 551.7 | 526.1 | 507.9 | 493.2 | 482.3 | 471.3 | 464.0 | 456.7 | 445.7 |
| 30°   | 694.2  | 643.0  | 595.5 | 548.0 | 522.5 | 504.2 | 485.9 | 475.0 | 467.7 | 460.4 | 453.1 |
| 27.5° | 745.3  | 694.2  | 639.4 | 588.2 | 540.7 | 515.2 | 496.9 | 482.3 | 471.3 | 464.0 | 456.7 |
| 25°   | 785.5  | 738.0  | 683.2 | 624.8 | 570.0 | 529.8 | 507.9 | 489.6 | 475.0 | 467.7 | 460.4 |
| 22.5° | 822.1  | 778.2  | 723.4 | 661.3 | 599.2 | 544.4 | 518.8 | 496.9 | 482.3 | 471.3 | 460.4 |
| 20°   | 880.5  | 811.1  | 763.6 | 697.8 | 632.1 | 573.6 | 529.8 | 504.2 | 485.9 | 475.0 | 464.0 |
| 17.5° | 946.3  | 851.3  | 789.2 | 730.7 | 661.3 | 595.5 | 540.7 | 511.5 | 489.6 | 475.0 | 467.7 |
| 15°   | 1044.9 | 895.1  | 811.1 | 756.3 | 686.9 | 617.5 | 555.4 | 518.8 | 496.9 | 478.6 | 467.7 |
| 12.5° | 1132.6 | 942.6  | 840.3 | 778.2 | 708.8 | 639.4 | 570.0 | 526.1 | 500.5 | 482.3 | 471.3 |
| 10°   | 1286.1 | 1008.4 | 869.6 | 792.8 | 730.7 | 654.0 | 584.6 | 533.4 | 504.2 | 485.9 | 471.3 |
| 7.5°  | 1406.7 | 1063.2 | 891.5 | 807.5 | 745.3 | 668.6 | 595.5 | 537.1 | 507.9 | 485.9 | 475.0 |
| 5°    | 1498.0 | 1099.7 | 909.8 | 814.8 | 756.3 | 679.6 | 602.9 | 540.7 | 511.5 | 489.6 | 475.0 |
| 2.5°  | 1552.8 | 1132.6 | 924.4 | 822.1 | 763.6 | 686.9 | 610.2 | 544.4 | 511.5 | 489.6 | 475.0 |
| 0°    | 1571.1 | 1132.6 | 924.4 | 822.1 | 763.6 | 686.9 | 610.2 | 544.4 | 511.5 | 489.6 | 475.0 |





REPORT NUMBER: P723441  
 CATALOG NUMBER: IFLD-S-SA6B-830-U-22

**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° | 21.9  | 18.3  | 18.3  | 18.3  | 14.6  | 14.6  | 11.0  | 11.0  | 11.0  | 7.3   | 7.3   |
| 85°   | 43.8  | 40.2  | 36.5  | 32.9  | 29.2  | 29.2  | 25.6  | 21.9  | 18.3  | 14.6  | 11.0  |
| 82.5° | 76.7  | 73.1  | 65.8  | 58.5  | 51.2  | 43.8  | 36.5  | 32.9  | 29.2  | 21.9  | 18.3  |
| 80°   | 106.0 | 98.6  | 95.0  | 84.0  | 76.7  | 65.8  | 58.5  | 47.5  | 36.5  | 32.9  | 25.6  |
| 77.5° | 124.2 | 116.9 | 109.6 | 106.0 | 98.6  | 87.7  | 76.7  | 65.8  | 54.8  | 40.2  | 32.9  |
| 75°   | 142.5 | 135.2 | 127.9 | 120.6 | 113.3 | 102.3 | 95.0  | 84.0  | 69.4  | 54.8  | 36.5  |
| 72.5° | 164.4 | 153.5 | 146.1 | 135.2 | 124.2 | 116.9 | 106.0 | 98.6  | 84.0  | 65.8  | 47.5  |
| 70°   | 186.3 | 175.4 | 160.8 | 149.8 | 138.8 | 127.9 | 116.9 | 106.0 | 95.0  | 76.7  | 58.5  |
| 67.5° | 208.3 | 193.6 | 182.7 | 168.1 | 153.5 | 142.5 | 127.9 | 116.9 | 102.3 | 87.7  | 65.8  |
| 65°   | 230.2 | 215.6 | 201.0 | 186.3 | 168.1 | 153.5 | 138.8 | 124.2 | 113.3 | 98.6  | 76.7  |
| 62.5° | 255.8 | 237.5 | 219.2 | 201.0 | 186.3 | 168.1 | 149.8 | 135.2 | 120.6 | 106.0 | 84.0  |
| 60°   | 281.3 | 259.4 | 237.5 | 219.2 | 201.0 | 182.7 | 160.8 | 146.1 | 127.9 | 109.6 | 95.0  |
| 57.5° | 303.3 | 281.3 | 259.4 | 237.5 | 215.6 | 193.6 | 175.4 | 153.5 | 135.2 | 116.9 | 98.6  |
| 55°   | 328.8 | 303.3 | 281.3 | 255.8 | 230.2 | 208.3 | 186.3 | 164.4 | 142.5 | 124.2 | 106.0 |
| 52.5° | 350.8 | 325.2 | 299.6 | 274.0 | 248.4 | 222.9 | 197.3 | 171.7 | 149.8 | 127.9 | 109.6 |
| 50°   | 369.0 | 347.1 | 317.9 | 292.3 | 263.1 | 233.8 | 208.3 | 182.7 | 157.1 | 135.2 | 113.3 |
| 47.5° | 383.6 | 361.7 | 339.8 | 310.6 | 277.7 | 248.4 | 219.2 | 193.6 | 164.4 | 142.5 | 116.9 |
| 45°   | 398.2 | 376.3 | 354.4 | 325.2 | 292.3 | 263.1 | 230.2 | 201.0 | 171.7 | 146.1 | 120.6 |
| 42.5° | 409.2 | 390.9 | 369.0 | 343.4 | 306.9 | 274.0 | 241.1 | 208.3 | 179.0 | 153.5 | 124.2 |
| 40°   | 420.2 | 401.9 | 380.0 | 354.4 | 321.5 | 288.6 | 252.1 | 219.2 | 186.3 | 157.1 | 131.5 |
| 37.5° | 427.5 | 412.9 | 390.9 | 365.4 | 336.1 | 299.6 | 263.1 | 226.5 | 193.6 | 164.4 | 135.2 |
| 35°   | 434.8 | 420.2 | 398.2 | 376.3 | 347.1 | 310.6 | 274.0 | 233.8 | 201.0 | 168.1 | 138.8 |
| 32.5° | 438.4 | 427.5 | 409.2 | 383.6 | 358.1 | 321.5 | 281.3 | 244.8 | 208.3 | 171.7 | 142.5 |
| 30°   | 442.1 | 431.1 | 416.5 | 390.9 | 365.4 | 332.5 | 292.3 | 248.4 | 211.9 | 179.0 | 146.1 |
| 27.5° | 445.7 | 434.8 | 420.2 | 398.2 | 372.7 | 339.8 | 299.6 | 255.8 | 219.2 | 182.7 | 146.1 |
| 25°   | 449.4 | 438.4 | 427.5 | 405.6 | 380.0 | 347.1 | 306.9 | 263.1 | 222.9 | 186.3 | 149.8 |
| 22.5° | 453.1 | 442.1 | 431.1 | 412.9 | 387.3 | 354.4 | 314.2 | 270.4 | 226.5 | 190.0 | 153.5 |
| 20°   | 456.7 | 445.7 | 434.8 | 416.5 | 390.9 | 358.1 | 317.9 | 274.0 | 233.8 | 193.6 | 157.1 |
| 17.5° | 460.4 | 445.7 | 434.8 | 420.2 | 394.6 | 365.4 | 325.2 | 281.3 | 237.5 | 193.6 | 157.1 |
| 15°   | 460.4 | 449.4 | 438.4 | 423.8 | 398.2 | 369.0 | 328.8 | 285.0 | 237.5 | 197.3 | 160.8 |
| 12.5° | 460.4 | 453.1 | 438.4 | 423.8 | 401.9 | 372.7 | 332.5 | 288.6 | 241.1 | 201.0 | 160.8 |
| 10°   | 464.0 | 453.1 | 438.4 | 427.5 | 405.6 | 376.3 | 336.1 | 292.3 | 244.8 | 201.0 | 160.8 |
| 7.5°  | 464.0 | 456.7 | 442.1 | 427.5 | 405.6 | 376.3 | 339.8 | 292.3 | 244.8 | 204.6 | 164.4 |
| 5°    | 464.0 | 456.7 | 442.1 | 431.1 | 409.2 | 380.0 | 343.4 | 295.9 | 248.4 | 204.6 | 164.4 |
| 2.5°  | 464.0 | 456.7 | 442.1 | 431.1 | 409.2 | 380.0 | 343.4 | 295.9 | 248.4 | 204.6 | 164.4 |
| 0°    | 464.0 | 456.7 | 442.1 | 431.1 | 409.2 | 380.0 | 343.4 | 295.9 | 248.4 | 204.6 | 164.4 |



REPORT NUMBER: P723441  
 CATALOG NUMBER: IFLD-S-SA6B-830-U-22

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 3.7   | 3.7  | 0.0   | 0.0 |
| 85°   | 11.0  | 7.3  | 3.7   | 0.0 |
| 82.5° | 14.6  | 11.0 | 3.7   | 0.0 |
| 80°   | 18.3  | 11.0 | 7.3   | 0.0 |
| 77.5° | 21.9  | 14.6 | 7.3   | 0.0 |
| 75°   | 29.2  | 18.3 | 11.0  | 0.0 |
| 72.5° | 32.9  | 21.9 | 11.0  | 0.0 |
| 70°   | 36.5  | 25.6 | 11.0  | 0.0 |
| 67.5° | 43.8  | 29.2 | 14.6  | 0.0 |
| 65°   | 51.2  | 29.2 | 14.6  | 0.0 |
| 62.5° | 58.5  | 32.9 | 18.3  | 0.0 |
| 60°   | 65.8  | 36.5 | 18.3  | 0.0 |
| 57.5° | 73.1  | 40.2 | 18.3  | 0.0 |
| 55°   | 76.7  | 43.8 | 21.9  | 0.0 |
| 52.5° | 84.0  | 47.5 | 21.9  | 0.0 |
| 50°   | 91.3  | 54.8 | 21.9  | 0.0 |
| 47.5° | 95.0  | 58.5 | 25.6  | 0.0 |
| 45°   | 98.6  | 62.1 | 25.6  | 0.0 |
| 42.5° | 102.3 | 65.8 | 25.6  | 0.0 |
| 40°   | 106.0 | 69.4 | 29.2  | 0.0 |
| 37.5° | 106.0 | 69.4 | 29.2  | 0.0 |
| 35°   | 109.6 | 73.1 | 29.2  | 0.0 |
| 32.5° | 113.3 | 76.7 | 29.2  | 0.0 |
| 30°   | 113.3 | 80.4 | 32.9  | 0.0 |
| 27.5° | 116.9 | 80.4 | 32.9  | 0.0 |
| 25°   | 116.9 | 84.0 | 32.9  | 0.0 |
| 22.5° | 120.6 | 87.7 | 32.9  | 0.0 |
| 20°   | 120.6 | 87.7 | 32.9  | 0.0 |
| 17.5° | 124.2 | 91.3 | 36.5  | 0.0 |
| 15°   | 124.2 | 91.3 | 36.5  | 0.0 |
| 12.5° | 124.2 | 91.3 | 36.5  | 0.0 |
| 10°   | 127.9 | 95.0 | 36.5  | 0.0 |
| 7.5°  | 127.9 | 95.0 | 36.5  | 0.0 |
| 5°    | 127.9 | 95.0 | 36.5  | 0.0 |
| 2.5°  | 127.9 | 95.0 | 36.5  | 0.0 |
| 0°    | 127.9 | 95.0 | 36.5  | 0.0 |

(END OF REPORT)