

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: P723040

Luminaire Tested: **IFLD-M-SA4B-830-U-11**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P723040  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4B-830-U-11  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens  
Light Source: (64) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

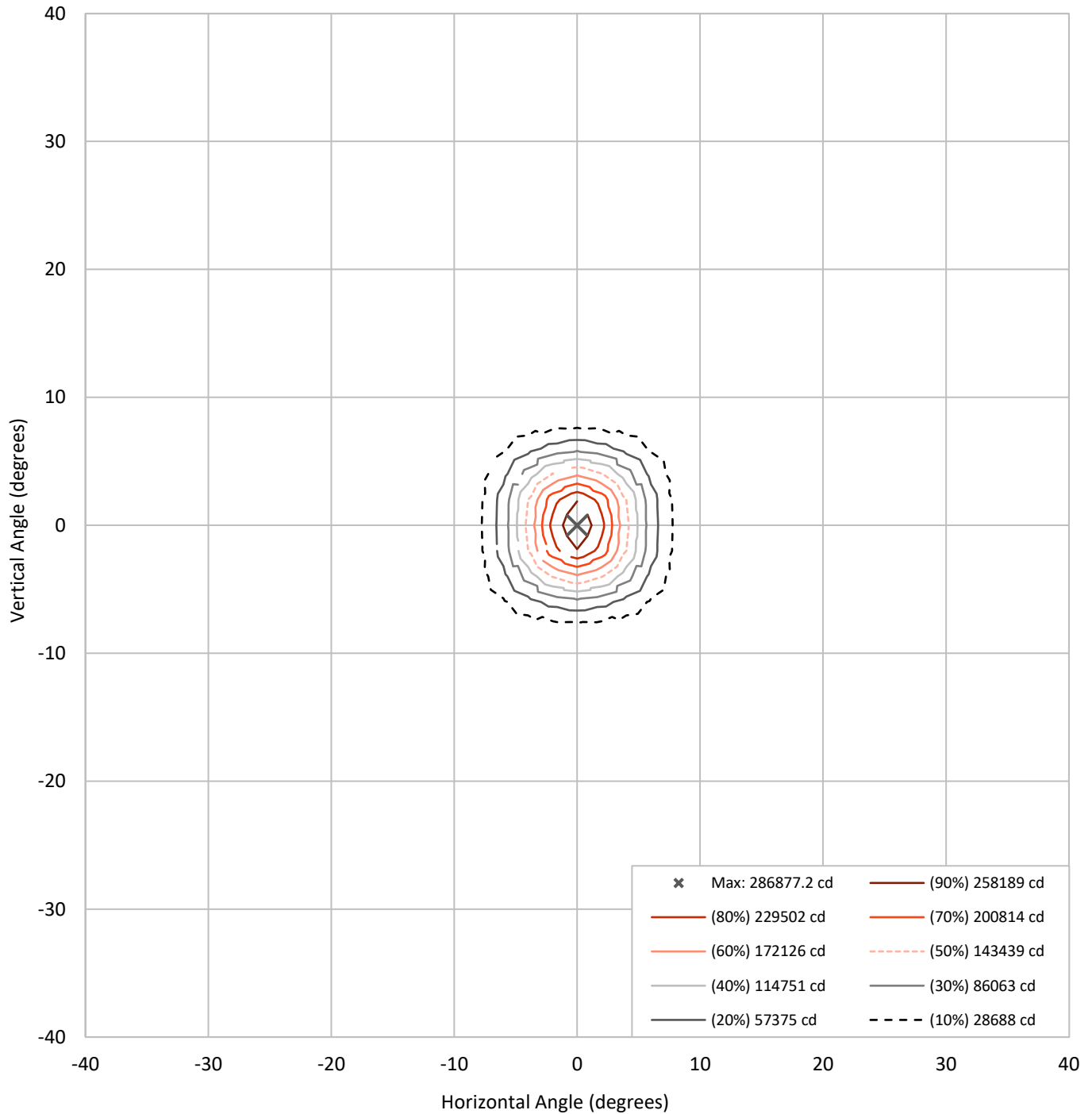
|                   |                                      |                      |                  |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 1H x 1V          |
| Luminaire Lumens: | 9571.6 lumens                        | Max Intensity:       | 286877.2 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 57.6 lumens/watt                     |                      |                  |
| Luminous Opening: | Rectangular (W 2' x L: 0.5' x H: 0') |                      |                  |
| Beam Angle (50%): | 8.3°H x 8.9°V                        | Field Angle (10%):   | 14.9°H x 14.6°V  |
| Beam Lumens:      | 3224.7 lumens                        | Field Lumens:        | 5093.6 lumens    |
| Beam Efficiency:  | 33.7%                                | Field Efficiency:    | 53.2%            |

Input Watts (W): 166.1  
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: P723040  
CATALOG NUMBER: IFLD-M-SA4B-830-U-11

### Iso-Candela Plot





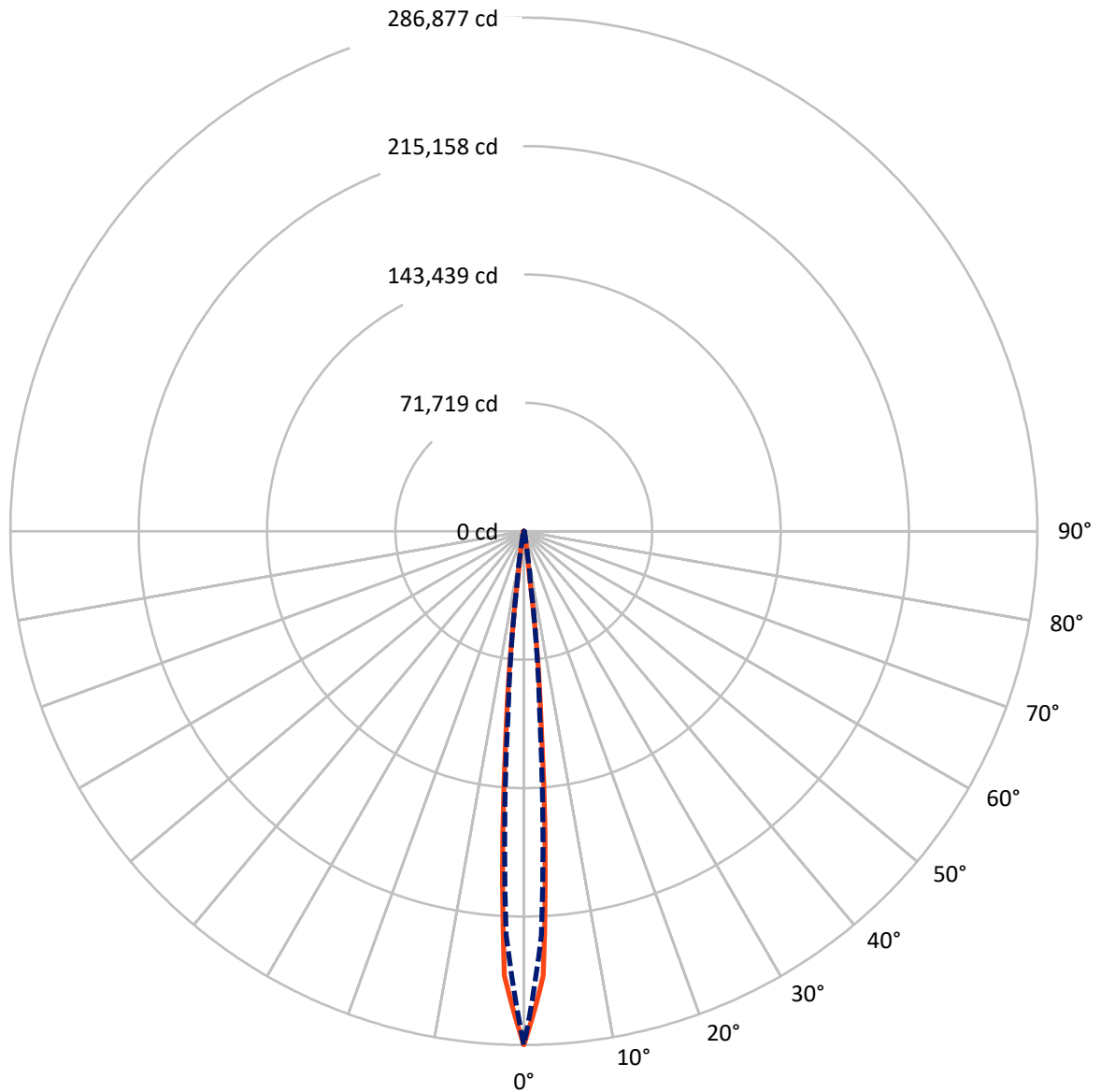
REPORT NUMBER: P723040  
 CATALOG NUMBER: IFLD-M-SA4B-830-U-11

### Lumen Table

|     |     |     |     |      |      |      |      |        |        |      |      |      |      |     |     |     |    |    |    |
|-----|-----|-----|-----|------|------|------|------|--------|--------|------|------|------|------|-----|-----|-----|----|----|----|
| 90  | 0.0 | 0.4 | 1.3 | 3.0  | 5.2  | 3.0  | 1.3  | 0.4    | 0.0    |      |      |      |      |     |     |     |    |    |    |
| 80  | 0.0 | 0.4 | 1.3 | 3.0  | 5.2  | 3.0  | 1.3  | 0.4    | 0.0    |      |      |      |      |     |     |     |    |    |    |
| 70  | 0.2 | 0.2 | 0.6 | 1.3  | 2.0  | 2.6  | 4.2  | 7.7    | 7.7    | 4.2  | 2.6  | 2.0  | 1.3  | 0.6 | 0.2 | 0.2 |    |    |    |
| 60  |     | 0.5 | 1.2 | 2.4  | 3.8  | 4.9  | 6.6  | 9.4    | 9.4    | 6.6  | 4.9  | 3.8  | 2.4  | 1.2 | 0.5 |     |    |    |    |
| 50  | 0.7 | 0.9 | 1.8 | 3.7  | 6.2  | 9.2  | 12.0 | 14.7   | 14.7   | 12.0 | 9.2  | 6.2  | 3.7  | 1.8 | 0.9 | 0.7 |    |    |    |
| 40  |     | 1.3 | 2.6 | 5.3  | 9.6  | 12.9 | 14.3 | 15.3   | 15.3   | 14.3 | 12.9 | 9.6  | 5.3  | 2.6 | 1.3 |     |    |    |    |
| 30  | 1.3 | 2.0 | 3.5 | 7.5  | 11.8 | 13.6 | 17.9 | 23.9   | 23.9   | 17.9 | 13.6 | 11.8 | 7.5  | 3.5 | 2.0 | 1.3 |    |    |    |
| 20  |     | 2.7 | 4.9 | 9.9  | 13.0 | 17.4 | 34.9 | 67.1   | 67.1   | 34.9 | 17.4 | 13.0 | 9.9  | 4.9 | 2.7 |     |    |    |    |
| 10  | 1.5 | 3.0 | 6.0 | 11.2 | 13.6 | 22.9 | 69.5 | 1868.8 | 1868.8 | 69.5 | 22.9 | 13.6 | 11.2 | 6.0 | 3.0 | 1.5 |    |    |    |
| 0   |     | 3.0 | 6.0 | 11.2 | 13.6 | 22.9 | 69.5 | 1868.8 | 1868.8 | 69.5 | 22.9 | 13.6 | 11.2 | 6.0 | 3.0 |     |    |    |    |
| -10 | 1.3 | 2.7 | 4.9 | 9.9  | 13.0 | 17.4 | 34.9 | 67.1   | 67.1   | 34.9 | 17.4 | 13.0 | 9.9  | 4.9 | 2.7 | 1.3 |    |    |    |
| -20 |     | 2.0 | 3.5 | 7.5  | 11.8 | 13.6 | 17.9 | 23.9   | 23.9   | 17.9 | 13.6 | 11.8 | 7.5  | 3.5 | 2.0 |     |    |    |    |
| -30 | 0.7 | 1.3 | 2.6 | 5.3  | 9.6  | 12.9 | 14.3 | 15.3   | 15.3   | 14.3 | 12.9 | 9.6  | 5.3  | 2.6 | 1.3 | 0.7 |    |    |    |
| -40 |     | 0.9 | 1.8 | 3.7  | 6.2  | 9.2  | 12.0 | 14.7   | 14.7   | 12.0 | 9.2  | 6.2  | 3.7  | 1.8 | 0.9 |     |    |    |    |
| -50 | 0.2 | 0.5 | 1.2 | 2.4  | 3.8  | 4.9  | 6.6  | 9.4    | 9.4    | 6.6  | 4.9  | 3.8  | 2.4  | 1.2 | 0.5 | 0.2 |    |    |    |
| -60 |     | 0.2 | 0.6 | 1.3  | 2.0  | 2.6  | 4.2  | 7.7    | 7.7    | 4.2  | 2.6  | 2.0  | 1.3  | 0.6 | 0.2 |     |    |    |    |
| -70 | 0.0 | 0.4 | 1.3 | 3.0  | 5.2  | 3.0  | 1.3  | 0.4    | 0.0    |      |      |      |      |     |     |     |    |    |    |
| -80 |     | 0.0 | 0.4 | 1.3  | 3.0  | 5.2  | 3.0  | 1.3    | 0.4    | 0.0  |      |      |      |     |     |     |    |    |    |
| -90 | 0.0 | 0.4 | 1.3 | 3.0  | 5.2  | 3.0  | 1.3  | 0.4    | 0.0    |      |      |      |      |     |     |     |    |    |    |
|     | -90 | -80 | -70 | -60  | -50  | -40  | -30  | -20    | -10    | 0    | 10   | 20   | 30   | 40  | 50  | 60  | 70 | 80 | 90 |

REPORT NUMBER: P723040  
CATALOG NUMBER: IFLD-M-SA4B-830-U-11

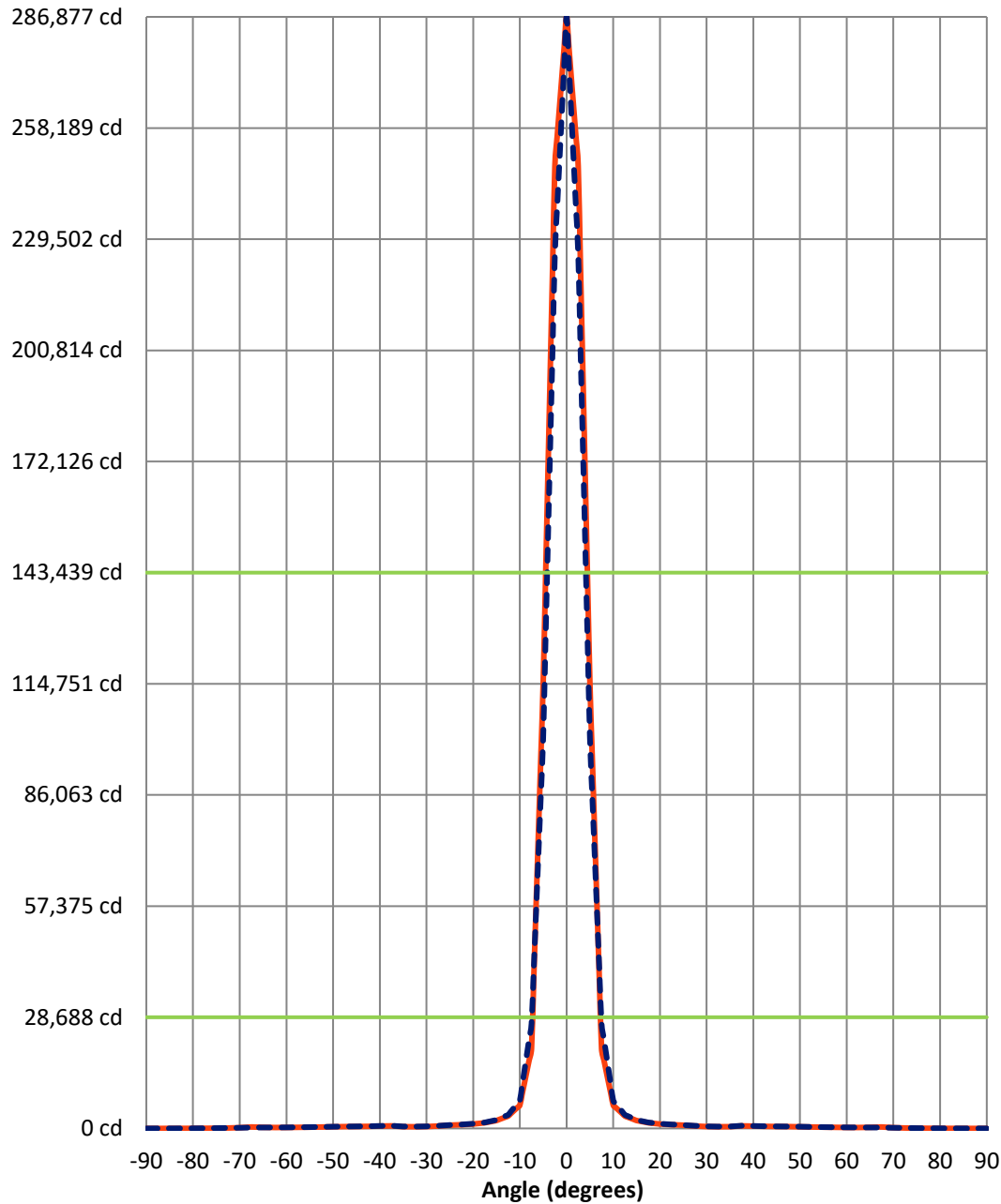
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P723040  
CATALOG NUMBER: IFLD-M-SA4B-830-U-11

### Luminous Intensity Plot



**Beam:**  
H Angle: 8.3°  
V Angle: 8.9°  
Lumens: 3224.7  
Efficiency: 33.7%

**Field:**  
H Angle: 14.9°  
V Angle: 14.6°  
Lumens: 5093.6  
Efficiency: 53.2%

**Spill:**  
Lumens: 4477.9  
Efficiency: 46.8%

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



REPORT NUMBER: P723040  
 CATALOG NUMBER: IFLD-M-SA4B-830-U-11

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° | 0.0      | 0.0      | 0.0      | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 85°   | 2.5      | 2.5      | 2.5      | 2.5     | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5    | 2.5   |
| 82.5° | 7.5      | 7.5      | 7.5      | 7.5     | 7.5    | 7.5    | 7.5    | 5.0    | 5.0    | 5.0    | 5.0   |
| 80°   | 20.0     | 20.0     | 20.0     | 20.0    | 20.0   | 20.0   | 17.5   | 17.5   | 15.0   | 12.5   | 12.5  |
| 77.5° | 37.5     | 40.0     | 42.5     | 40.0    | 37.5   | 37.5   | 35.0   | 30.0   | 27.5   | 22.5   | 20.0  |
| 75°   | 62.5     | 67.5     | 70.0     | 67.5    | 65.0   | 62.5   | 57.5   | 50.0   | 42.5   | 35.0   | 30.0  |
| 72.5° | 112.5    | 115.0    | 115.0    | 110.0   | 102.5  | 97.5   | 90.0   | 75.0   | 62.5   | 50.0   | 42.5  |
| 70°   | 195.0    | 202.5    | 205.0    | 180.0   | 157.5  | 137.5  | 117.5  | 100.0  | 80.0   | 62.5   | 55.0  |
| 67.5° | 375.0    | 365.0    | 347.5    | 280.0   | 217.5  | 162.5  | 125.0  | 110.0  | 92.5   | 75.0   | 70.0  |
| 65°   | 282.5    | 275.0    | 265.0    | 230.0   | 195.0  | 157.5  | 132.5  | 117.5  | 105.0  | 90.0   | 87.5  |
| 62.5° | 237.5    | 237.5    | 232.5    | 210.0   | 187.5  | 160.0  | 142.5  | 132.5  | 120.0  | 107.5  | 107.5 |
| 60°   | 247.5    | 252.5    | 247.5    | 225.0   | 200.0  | 175.0  | 160.0  | 150.0  | 137.5  | 130.0  | 130.0 |
| 57.5° | 280.0    | 282.5    | 275.0    | 250.0   | 225.0  | 197.5  | 182.5  | 170.0  | 157.5  | 150.0  | 150.0 |
| 55°   | 322.5    | 320.0    | 310.0    | 285.0   | 260.0  | 232.5  | 217.5  | 200.0  | 182.5  | 175.0  | 175.0 |
| 52.5° | 362.5    | 365.0    | 355.0    | 332.5   | 305.0  | 277.5  | 260.0  | 237.5  | 217.5  | 210.0  | 205.0 |
| 50°   | 420.0    | 422.5    | 415.0    | 392.5   | 370.0  | 342.5  | 315.0  | 285.0  | 262.5  | 252.5  | 242.5 |
| 47.5° | 470.0    | 470.0    | 462.5    | 447.5   | 430.0  | 405.0  | 375.0  | 347.5  | 322.5  | 305.0  | 287.5 |
| 45°   | 492.5    | 492.5    | 487.5    | 480.0   | 470.0  | 447.5  | 417.5  | 387.5  | 370.0  | 360.0  | 345.0 |
| 42.5° | 532.5    | 532.5    | 520.0    | 505.0   | 492.5  | 470.0  | 442.5  | 410.0  | 405.0  | 395.0  | 385.0 |
| 40°   | 597.5    | 575.0    | 555.0    | 537.5   | 517.5  | 492.5  | 467.5  | 445.0  | 435.0  | 422.5  | 412.5 |
| 37.5° | 657.6    | 627.5    | 597.5    | 570.0   | 547.5  | 527.5  | 495.0  | 477.5  | 465.0  | 450.0  | 440.0 |
| 35°   | 452.5    | 442.5    | 455.0    | 470.0   | 492.5  | 527.5  | 550.0  | 525.0  | 497.5  | 480.0  | 467.5 |
| 32.5° | 432.5    | 432.5    | 435.0    | 435.0   | 430.0  | 427.5  | 450.0  | 502.5  | 555.0  | 527.5  | 502.5 |
| 30°   | 480.0    | 490.0    | 492.5    | 487.5   | 470.0  | 447.5  | 435.0  | 432.5  | 457.5  | 530.0  | 550.0 |
| 27.5° | 620.0    | 627.5    | 622.5    | 605.0   | 567.5  | 515.0  | 482.5  | 447.5  | 440.0  | 440.0  | 520.0 |
| 25°   | 840.1    | 837.6    | 817.6    | 777.6   | 720.1  | 650.1  | 580.0  | 507.5  | 470.0  | 447.5  | 445.0 |
| 22.5° | 965.1    | 965.1    | 950.1    | 927.6   | 890.1  | 820.1  | 722.6  | 625.0  | 532.5  | 480.0  | 450.0 |
| 20°   | 1135.1   | 1140.1   | 1122.6   | 1080.1  | 1012.6 | 950.1  | 877.6  | 762.6  | 642.5  | 537.5  | 477.5 |
| 17.5° | 1455.1   | 1450.1   | 1410.1   | 1322.6  | 1205.1 | 1097.6 | 985.1  | 897.6  | 770.1  | 635.0  | 522.5 |
| 15°   | 2040.2   | 2025.2   | 1912.6   | 1710.1  | 1490.1 | 1300.1 | 1135.1 | 990.1  | 890.1  | 737.6  | 600.0 |
| 12.5° | 3190.2   | 3147.7   | 2842.7   | 2362.7  | 1940.2 | 1552.6 | 1307.6 | 1112.6 | 965.1  | 837.6  | 675.1 |
| 10°   | 5985.5   | 5940.5   | 5002.9   | 3455.3  | 2655.2 | 1945.2 | 1500.1 | 1230.1 | 1037.6 | 910.1  | 747.6 |
| 7.5°  | 20566.6  | 17783.9  | 11008.4  | 6740.5  | 3510.3 | 2410.2 | 1747.6 | 1360.1 | 1117.6 | 955.1  | 810.1 |
| 5°    | 115141.4 | 95287.4  | 50596.4  | 13811.1 | 5565.4 | 2990.2 | 1985.2 | 1467.6 | 1172.6 | 987.6  | 847.6 |
| 2.5°  | 248391.7 | 205188.4 | 98692.6  | 25029.4 | 6858.0 | 3367.8 | 2122.7 | 1517.6 | 1200.1 | 1002.6 | 870.1 |
| 0°    | 286877.2 | 225570.0 | 100797.8 | 27089.6 | 7185.6 | 3517.8 | 2182.7 | 1540.1 | 1212.6 | 1012.6 | 877.6 |



REPORT NUMBER: P723040  
 CATALOG NUMBER: IFLD-M-SA4B-830-U-11

**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° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   |
| 85°   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   |
| 82.5° | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 5.0   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   |
| 80°   | 10.0  | 10.0  | 10.0  | 10.0  | 10.0  | 7.5   | 7.5   | 7.5   | 5.0   | 5.0   | 5.0   |
| 77.5° | 20.0  | 20.0  | 17.5  | 17.5  | 15.0  | 15.0  | 15.0  | 12.5  | 10.0  | 10.0  | 7.5   |
| 75°   | 30.0  | 30.0  | 30.0  | 27.5  | 25.0  | 22.5  | 22.5  | 20.0  | 17.5  | 15.0  | 15.0  |
| 72.5° | 42.5  | 42.5  | 42.5  | 40.0  | 37.5  | 35.0  | 30.0  | 27.5  | 25.0  | 22.5  | 20.0  |
| 70°   | 55.0  | 55.0  | 55.0  | 52.5  | 52.5  | 50.0  | 45.0  | 40.0  | 35.0  | 30.0  | 27.5  |
| 67.5° | 70.0  | 70.0  | 70.0  | 65.0  | 62.5  | 60.0  | 57.5  | 52.5  | 47.5  | 40.0  | 35.0  |
| 65°   | 87.5  | 87.5  | 87.5  | 80.0  | 75.0  | 72.5  | 67.5  | 62.5  | 55.0  | 50.0  | 42.5  |
| 62.5° | 110.0 | 110.0 | 105.0 | 97.5  | 90.0  | 82.5  | 77.5  | 72.5  | 65.0  | 57.5  | 50.0  |
| 60°   | 130.0 | 130.0 | 127.5 | 117.5 | 107.5 | 95.0  | 90.0  | 82.5  | 75.0  | 67.5  | 57.5  |
| 57.5° | 150.0 | 150.0 | 145.0 | 135.0 | 125.0 | 115.0 | 105.0 | 97.5  | 87.5  | 77.5  | 67.5  |
| 55°   | 172.5 | 170.0 | 162.5 | 152.5 | 142.5 | 132.5 | 125.0 | 115.0 | 105.0 | 92.5  | 77.5  |
| 52.5° | 200.0 | 192.5 | 180.0 | 170.0 | 157.5 | 147.5 | 140.0 | 130.0 | 120.0 | 105.0 | 87.5  |
| 50°   | 232.5 | 220.0 | 202.5 | 187.5 | 175.0 | 165.0 | 155.0 | 145.0 | 135.0 | 117.5 | 100.0 |
| 47.5° | 272.5 | 252.5 | 232.5 | 212.5 | 195.0 | 182.5 | 170.0 | 160.0 | 145.0 | 127.5 | 110.0 |
| 45°   | 320.0 | 290.0 | 267.5 | 242.5 | 222.5 | 202.5 | 187.5 | 175.0 | 155.0 | 135.0 | 117.5 |
| 42.5° | 367.5 | 342.5 | 310.0 | 277.5 | 252.5 | 227.5 | 207.5 | 187.5 | 167.5 | 145.0 | 125.0 |
| 40°   | 400.0 | 380.0 | 357.5 | 322.5 | 287.5 | 257.5 | 230.0 | 202.5 | 177.5 | 155.0 | 132.5 |
| 37.5° | 425.0 | 410.0 | 390.0 | 365.0 | 330.0 | 292.5 | 255.0 | 220.0 | 190.0 | 165.0 | 142.5 |
| 35°   | 452.5 | 435.0 | 415.0 | 395.0 | 367.5 | 327.5 | 280.0 | 240.0 | 205.0 | 175.0 | 155.0 |
| 32.5° | 482.5 | 457.5 | 437.5 | 415.0 | 395.0 | 362.5 | 312.5 | 262.5 | 220.0 | 190.0 | 170.0 |
| 30°   | 517.5 | 485.0 | 457.5 | 435.0 | 412.5 | 382.5 | 345.0 | 287.5 | 242.5 | 210.0 | 185.0 |
| 27.5° | 555.0 | 507.5 | 477.5 | 452.5 | 430.0 | 402.5 | 367.5 | 317.5 | 270.0 | 230.0 | 200.0 |
| 25°   | 520.0 | 545.0 | 497.5 | 470.0 | 445.0 | 417.5 | 387.5 | 355.0 | 300.0 | 255.0 | 220.0 |
| 22.5° | 447.5 | 535.0 | 532.5 | 492.5 | 462.5 | 437.5 | 420.0 | 385.0 | 335.0 | 280.0 | 237.5 |
| 20°   | 452.5 | 477.5 | 570.0 | 515.0 | 485.0 | 467.5 | 450.0 | 417.5 | 367.5 | 302.5 | 255.0 |
| 17.5° | 467.5 | 457.5 | 525.0 | 550.0 | 515.0 | 492.5 | 480.0 | 450.0 | 397.5 | 332.5 | 282.5 |
| 15°   | 507.5 | 465.0 | 485.0 | 580.0 | 542.5 | 517.5 | 510.0 | 472.5 | 425.0 | 365.0 | 310.0 |
| 12.5° | 542.5 | 477.5 | 467.5 | 560.0 | 567.5 | 540.0 | 522.5 | 490.0 | 447.5 | 392.5 | 335.0 |
| 10°   | 600.0 | 507.5 | 475.0 | 537.5 | 592.5 | 560.0 | 532.5 | 505.0 | 465.0 | 417.5 | 360.0 |
| 7.5°  | 645.0 | 525.0 | 477.5 | 520.0 | 617.5 | 575.0 | 542.5 | 512.5 | 480.0 | 437.5 | 380.0 |
| 5°    | 665.1 | 532.5 | 475.0 | 505.0 | 645.0 | 592.5 | 555.0 | 520.0 | 490.0 | 450.0 | 390.0 |
| 2.5°  | 675.1 | 535.0 | 472.5 | 492.5 | 672.6 | 615.0 | 560.0 | 520.0 | 490.0 | 452.5 | 390.0 |
| 0°    | 680.1 | 530.0 | 472.5 | 500.0 | 692.6 | 637.5 | 562.5 | 520.0 | 487.5 | 450.0 | 385.0 |





REPORT NUMBER: P723040  
 CATALOG NUMBER: IFLD-M-SA4B-830-U-11

**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° | 2.5   | 2.5   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  |
| 85°   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5  | 0.0   | 0.0  |
| 82.5° | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5  | 2.5   | 2.5  |
| 80°   | 5.0   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5  | 2.5   | 2.5  |
| 77.5° | 7.5   | 7.5   | 5.0   | 5.0   | 2.5   | 2.5   | 2.5   | 2.5   | 2.5  | 2.5   | 2.5  |
| 75°   | 12.5  | 10.0  | 10.0  | 7.5   | 7.5   | 5.0   | 2.5   | 2.5   | 2.5  | 2.5   | 2.5  |
| 72.5° | 17.5  | 15.0  | 12.5  | 10.0  | 10.0  | 7.5   | 5.0   | 2.5   | 2.5  | 2.5   | 2.5  |
| 70°   | 22.5  | 20.0  | 15.0  | 12.5  | 12.5  | 10.0  | 7.5   | 5.0   | 2.5  | 2.5   | 2.5  |
| 67.5° | 30.0  | 25.0  | 20.0  | 15.0  | 15.0  | 12.5  | 10.0  | 7.5   | 5.0  | 2.5   | 2.5  |
| 65°   | 37.5  | 30.0  | 25.0  | 20.0  | 17.5  | 15.0  | 12.5  | 10.0  | 7.5  | 2.5   | 2.5  |
| 62.5° | 42.5  | 37.5  | 30.0  | 25.0  | 22.5  | 17.5  | 15.0  | 12.5  | 7.5  | 5.0   | 2.5  |
| 60°   | 50.0  | 42.5  | 35.0  | 30.0  | 27.5  | 22.5  | 17.5  | 15.0  | 10.0 | 7.5   | 2.5  |
| 57.5° | 57.5  | 47.5  | 40.0  | 35.0  | 32.5  | 27.5  | 22.5  | 17.5  | 12.5 | 7.5   | 5.0  |
| 55°   | 65.0  | 55.0  | 45.0  | 42.5  | 37.5  | 32.5  | 27.5  | 20.0  | 15.0 | 10.0  | 5.0  |
| 52.5° | 72.5  | 60.0  | 52.5  | 50.0  | 45.0  | 37.5  | 30.0  | 25.0  | 17.5 | 12.5  | 7.5  |
| 50°   | 82.5  | 67.5  | 60.0  | 57.5  | 50.0  | 42.5  | 35.0  | 30.0  | 22.5 | 15.0  | 7.5  |
| 47.5° | 92.5  | 75.0  | 70.0  | 65.0  | 57.5  | 50.0  | 40.0  | 35.0  | 25.0 | 17.5  | 10.0 |
| 45°   | 100.0 | 87.5  | 80.0  | 75.0  | 65.0  | 57.5  | 47.5  | 40.0  | 27.5 | 20.0  | 10.0 |
| 42.5° | 105.0 | 97.5  | 92.5  | 85.0  | 75.0  | 62.5  | 52.5  | 45.0  | 32.5 | 22.5  | 12.5 |
| 40°   | 117.5 | 110.0 | 102.5 | 95.0  | 85.0  | 70.0  | 60.0  | 50.0  | 37.5 | 25.0  | 12.5 |
| 37.5° | 130.0 | 120.0 | 112.5 | 105.0 | 95.0  | 80.0  | 70.0  | 55.0  | 42.5 | 27.5  | 15.0 |
| 35°   | 142.5 | 132.5 | 122.5 | 115.0 | 105.0 | 92.5  | 77.5  | 62.5  | 47.5 | 30.0  | 17.5 |
| 32.5° | 155.0 | 142.5 | 132.5 | 122.5 | 117.5 | 102.5 | 85.0  | 67.5  | 52.5 | 32.5  | 17.5 |
| 30°   | 167.5 | 152.5 | 142.5 | 135.0 | 130.0 | 115.0 | 95.0  | 75.0  | 57.5 | 37.5  | 20.0 |
| 27.5° | 180.0 | 162.5 | 150.0 | 150.0 | 145.0 | 127.5 | 102.5 | 82.5  | 62.5 | 40.0  | 22.5 |
| 25°   | 192.5 | 172.5 | 167.5 | 165.0 | 162.5 | 140.0 | 112.5 | 90.0  | 65.0 | 45.0  | 22.5 |
| 22.5° | 205.0 | 190.0 | 182.5 | 180.0 | 175.0 | 152.5 | 122.5 | 95.0  | 70.0 | 47.5  | 25.0 |
| 20°   | 225.0 | 210.0 | 200.0 | 192.5 | 190.0 | 167.5 | 132.5 | 102.5 | 75.0 | 47.5  | 25.0 |
| 17.5° | 250.0 | 227.5 | 215.0 | 207.5 | 202.5 | 180.0 | 142.5 | 110.0 | 77.5 | 47.5  | 25.0 |
| 15°   | 272.5 | 247.5 | 230.0 | 220.0 | 215.0 | 195.0 | 150.0 | 112.5 | 80.0 | 47.5  | 25.0 |
| 12.5° | 295.0 | 265.0 | 245.0 | 235.0 | 227.5 | 210.0 | 157.5 | 115.0 | 80.0 | 47.5  | 25.0 |
| 10°   | 315.0 | 282.5 | 262.5 | 247.5 | 237.5 | 215.0 | 160.0 | 117.5 | 80.0 | 47.5  | 25.0 |
| 7.5°  | 332.5 | 297.5 | 270.0 | 247.5 | 237.5 | 220.0 | 160.0 | 120.0 | 80.0 | 47.5  | 27.5 |
| 5°    | 335.0 | 297.5 | 267.5 | 247.5 | 240.0 | 222.5 | 162.5 | 120.0 | 80.0 | 45.0  | 25.0 |
| 2.5°  | 337.5 | 297.5 | 267.5 | 247.5 | 240.0 | 222.5 | 162.5 | 120.0 | 80.0 | 45.0  | 25.0 |
| 0°    | 335.0 | 295.0 | 265.0 | 247.5 | 240.0 | 222.5 | 162.5 | 120.0 | 77.5 | 42.5  | 25.0 |



REPORT NUMBER: P723040  
 CATALOG NUMBER: IFLD-M-SA4B-830-U-11

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-----|-------|-----|
| 90°   | 0.0   | 0.0 | 0.0   | 0.0 |
| 87.5° | 0.0   | 0.0 | 0.0   | 0.0 |
| 85°   | 0.0   | 0.0 | 0.0   | 0.0 |
| 82.5° | 0.0   | 0.0 | 0.0   | 0.0 |
| 80°   | 2.5   | 0.0 | 0.0   | 0.0 |
| 77.5° | 2.5   | 0.0 | 0.0   | 0.0 |
| 75°   | 2.5   | 2.5 | 0.0   | 0.0 |
| 72.5° | 2.5   | 2.5 | 0.0   | 0.0 |
| 70°   | 2.5   | 2.5 | 0.0   | 0.0 |
| 67.5° | 2.5   | 2.5 | 0.0   | 0.0 |
| 65°   | 2.5   | 2.5 | 0.0   | 0.0 |
| 62.5° | 2.5   | 2.5 | 0.0   | 0.0 |
| 60°   | 2.5   | 2.5 | 0.0   | 0.0 |
| 57.5° | 2.5   | 2.5 | 2.5   | 0.0 |
| 55°   | 2.5   | 2.5 | 2.5   | 0.0 |
| 52.5° | 2.5   | 2.5 | 2.5   | 0.0 |
| 50°   | 2.5   | 2.5 | 2.5   | 0.0 |
| 47.5° | 2.5   | 2.5 | 2.5   | 0.0 |
| 45°   | 2.5   | 2.5 | 2.5   | 0.0 |
| 42.5° | 5.0   | 2.5 | 2.5   | 0.0 |
| 40°   | 5.0   | 2.5 | 2.5   | 0.0 |
| 37.5° | 7.5   | 2.5 | 2.5   | 0.0 |
| 35°   | 7.5   | 2.5 | 2.5   | 0.0 |
| 32.5° | 7.5   | 2.5 | 2.5   | 0.0 |
| 30°   | 7.5   | 2.5 | 2.5   | 0.0 |
| 27.5° | 10.0  | 2.5 | 2.5   | 0.0 |
| 25°   | 10.0  | 2.5 | 2.5   | 0.0 |
| 22.5° | 10.0  | 2.5 | 2.5   | 0.0 |
| 20°   | 10.0  | 2.5 | 2.5   | 0.0 |
| 17.5° | 10.0  | 2.5 | 2.5   | 0.0 |
| 15°   | 12.5  | 2.5 | 2.5   | 0.0 |
| 12.5° | 12.5  | 2.5 | 2.5   | 0.0 |
| 10°   | 12.5  | 2.5 | 2.5   | 0.0 |
| 7.5°  | 12.5  | 2.5 | 2.5   | 0.0 |
| 5°    | 12.5  | 2.5 | 2.5   | 0.0 |
| 2.5°  | 12.5  | 2.5 | 2.5   | 0.0 |
| 0°    | 12.5  | 2.5 | 2.5   | 0.0 |

(END OF REPORT)