

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: P722867

Luminaire Tested: **IFLD-M-SA4C-730-U-11**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P722867
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-730-U-11
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens
Light Source: (64) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

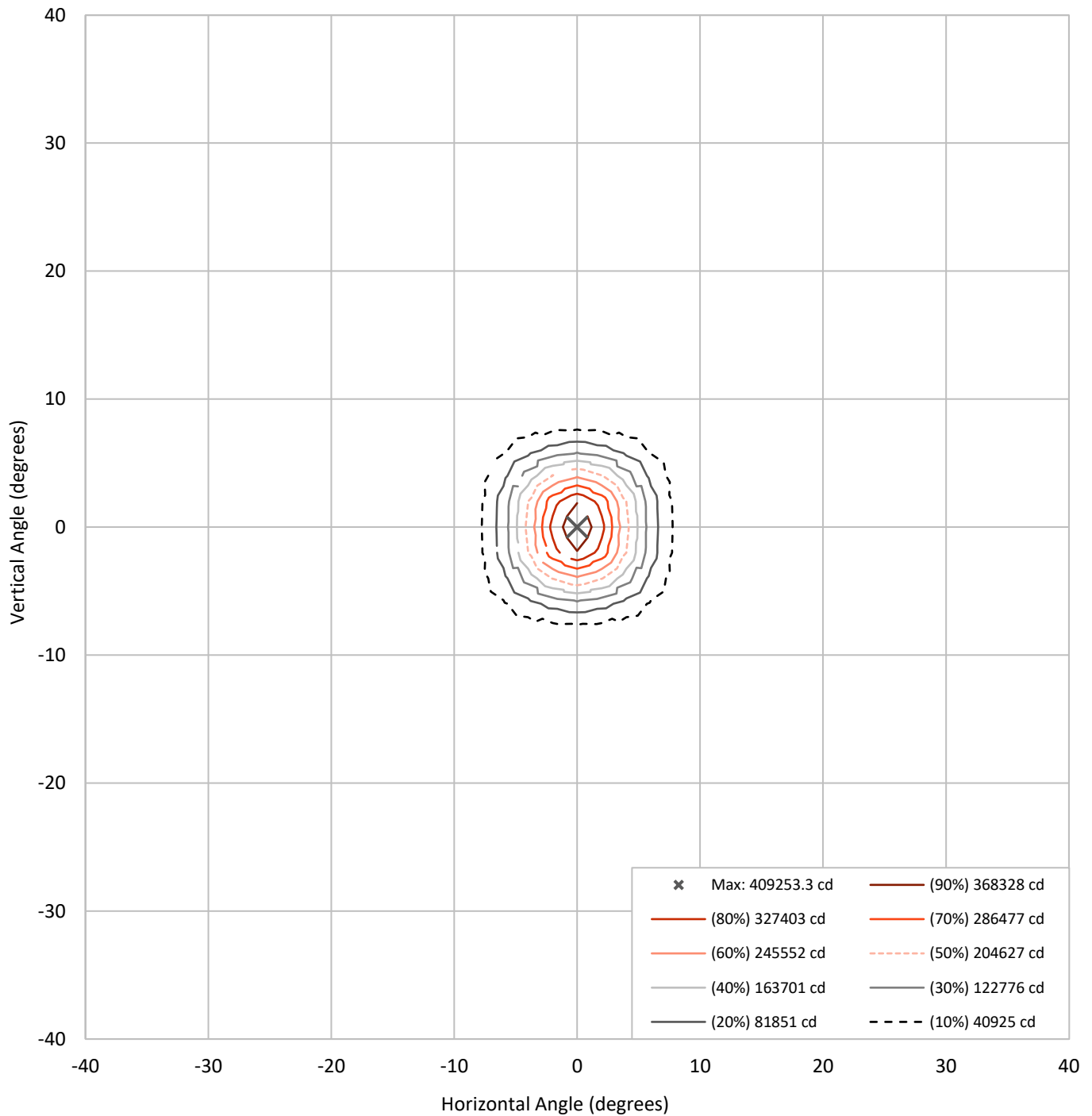
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 1H x 1V |
| Luminaire Lumens: | 13654.7 lumens | Max Intensity: | 409253.3 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 62.6 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: | 4600.3 lumens | Field Lumens: | 7266.4 lumens |
| Beam Efficiency: | 33.7% | Field Efficiency: | 53.2% |

Input Watts (W): 218.1
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: P722867
CATALOG NUMBER: IFLD-M-SA4C-730-U-11

Iso-Candela Plot





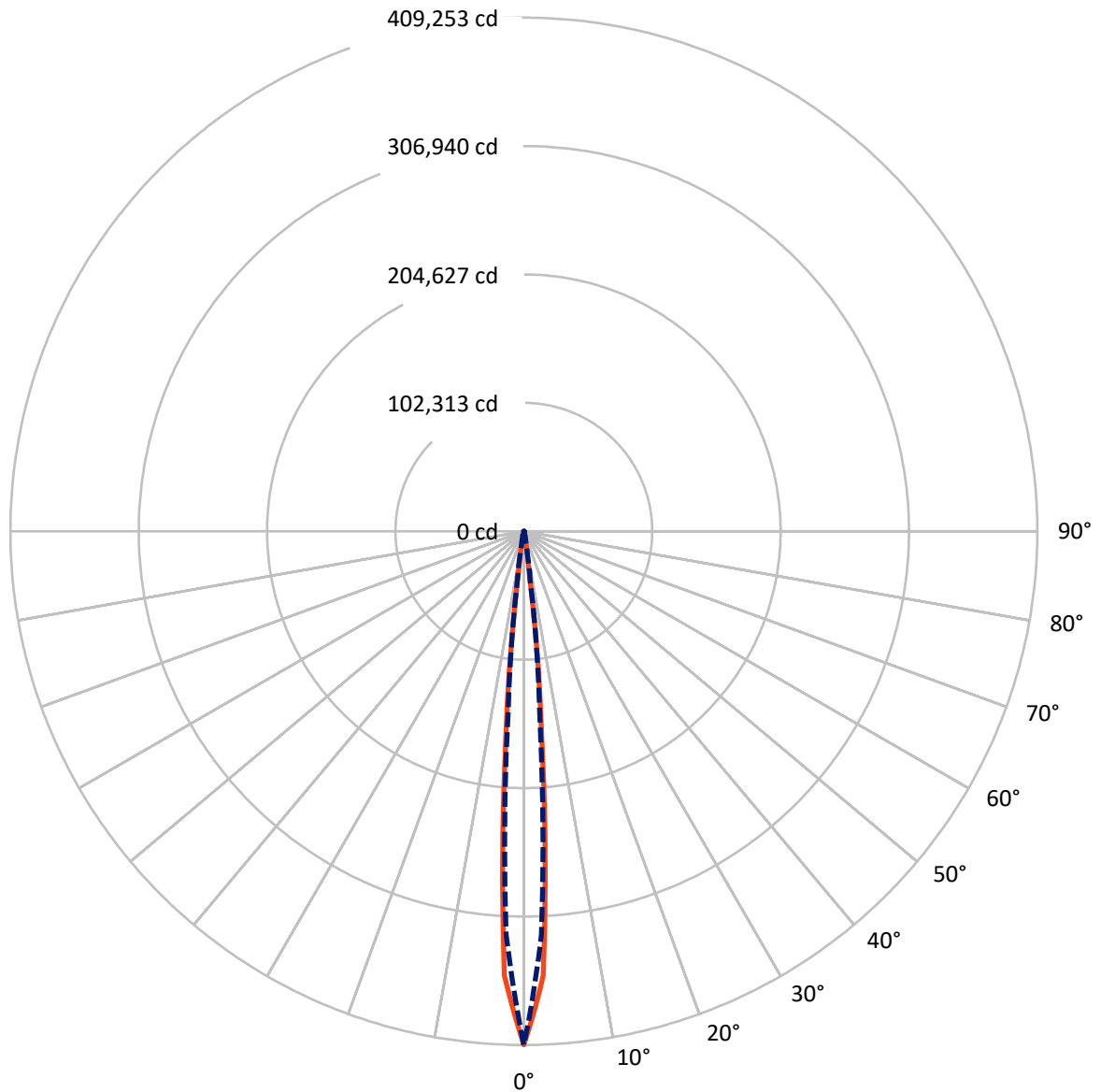
REPORT NUMBER: P722867
 CATALOG NUMBER: IFLD-M-SA4C-730-U-11

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|------|------|------|--------|--------|------|------|------|------|-----|-----|-----|
| 90 | 0.1 | 0.5 | | 1.9 | | 4.2 | | 7.4 | | 4.2 | | 1.9 | | 0.5 | | 0.1 |
| 80 | 0.1 | 0.5 | | 1.9 | | 4.2 | | 7.4 | | 4.2 | | 1.9 | | 0.5 | | 0.1 |
| 70 | 0.3 | 0.3 | 0.9 | 1.9 | 2.9 | 3.6 | 5.9 | 10.9 | 10.9 | 5.9 | 3.6 | 2.9 | 1.9 | 0.9 | 0.3 | 0.3 |
| 60 | | 0.7 | 1.7 | 3.5 | 5.4 | 7.1 | 9.5 | 13.4 | 13.4 | 9.5 | 7.1 | 5.4 | 3.5 | 1.7 | 0.7 | |
| 50 | 1.0 | 1.2 | 2.6 | 5.3 | 8.9 | 13.1 | 17.1 | 21.0 | 21.0 | 17.1 | 13.1 | 8.9 | 5.3 | 2.6 | 1.2 | 1.0 |
| 40 | | 1.9 | 3.6 | 7.6 | 13.7 | 18.4 | 20.5 | 21.8 | 21.8 | 20.5 | 18.4 | 13.7 | 7.6 | 3.6 | 1.9 | |
| 30 | 1.9 | 2.8 | 5.0 | 10.7 | 16.9 | 19.3 | 25.6 | 34.1 | 34.1 | 25.6 | 19.3 | 16.9 | 10.7 | 5.0 | 2.8 | 1.9 |
| 20 | | 3.8 | 7.1 | 14.1 | 18.6 | 24.9 | 49.8 | 95.7 | 95.7 | 49.8 | 24.9 | 18.6 | 14.1 | 7.1 | 3.8 | |
| 10 | 2.1 | 4.3 | 8.6 | 16.0 | 19.4 | 32.7 | 99.2 | 2666.0 | 2666.0 | 99.2 | 32.7 | 19.4 | 16.0 | 8.6 | 4.3 | 2.1 |
| 0 | | 4.3 | 8.6 | 16.0 | 19.4 | 32.7 | 99.2 | 2666.0 | 2666.0 | 99.2 | 32.7 | 19.4 | 16.0 | 8.6 | 4.3 | |
| -10 | 1.9 | 3.8 | 7.1 | 14.1 | 18.6 | 24.9 | 49.8 | 95.7 | 95.7 | 49.8 | 24.9 | 18.6 | 14.1 | 7.1 | 3.8 | 1.9 |
| -20 | | 2.8 | 5.0 | 10.7 | 16.9 | 19.3 | 25.6 | 34.1 | 34.1 | 25.6 | 19.3 | 16.9 | 10.7 | 5.0 | 2.8 | |
| -30 | 1.0 | 1.9 | 3.6 | 7.6 | 13.7 | 18.4 | 20.5 | 21.8 | 21.8 | 20.5 | 18.4 | 13.7 | 7.6 | 3.6 | 1.9 | 1.0 |
| -40 | | 1.2 | 2.6 | 5.3 | 8.9 | 13.1 | 17.1 | 21.0 | 21.0 | 17.1 | 13.1 | 8.9 | 5.3 | 2.6 | 1.2 | |
| -50 | 0.3 | 0.7 | 1.7 | 3.5 | 5.4 | 7.1 | 9.5 | 13.4 | 13.4 | 9.5 | 7.1 | 5.4 | 3.5 | 1.7 | 0.7 | 0.3 |
| -60 | | 0.3 | 0.9 | 1.9 | 2.9 | 3.6 | 5.9 | 10.9 | 10.9 | 5.9 | 3.6 | 2.9 | 1.9 | 0.9 | 0.3 | |
| -70 | 0.1 | 0.5 | | 1.9 | | 4.2 | | 7.4 | | 4.2 | | 1.9 | | 0.5 | | 0.1 |
| -80 | | 0.5 | | 1.9 | | 4.2 | | 7.4 | | 4.2 | | 1.9 | | 0.5 | | |
| -90 | 0.1 | 0.5 | | 1.9 | | 4.2 | | 7.4 | | 4.2 | | 1.9 | | 0.5 | | 0.1 |

REPORT NUMBER: P722867
CATALOG NUMBER: IFLD-M-SA4C-730-U-11

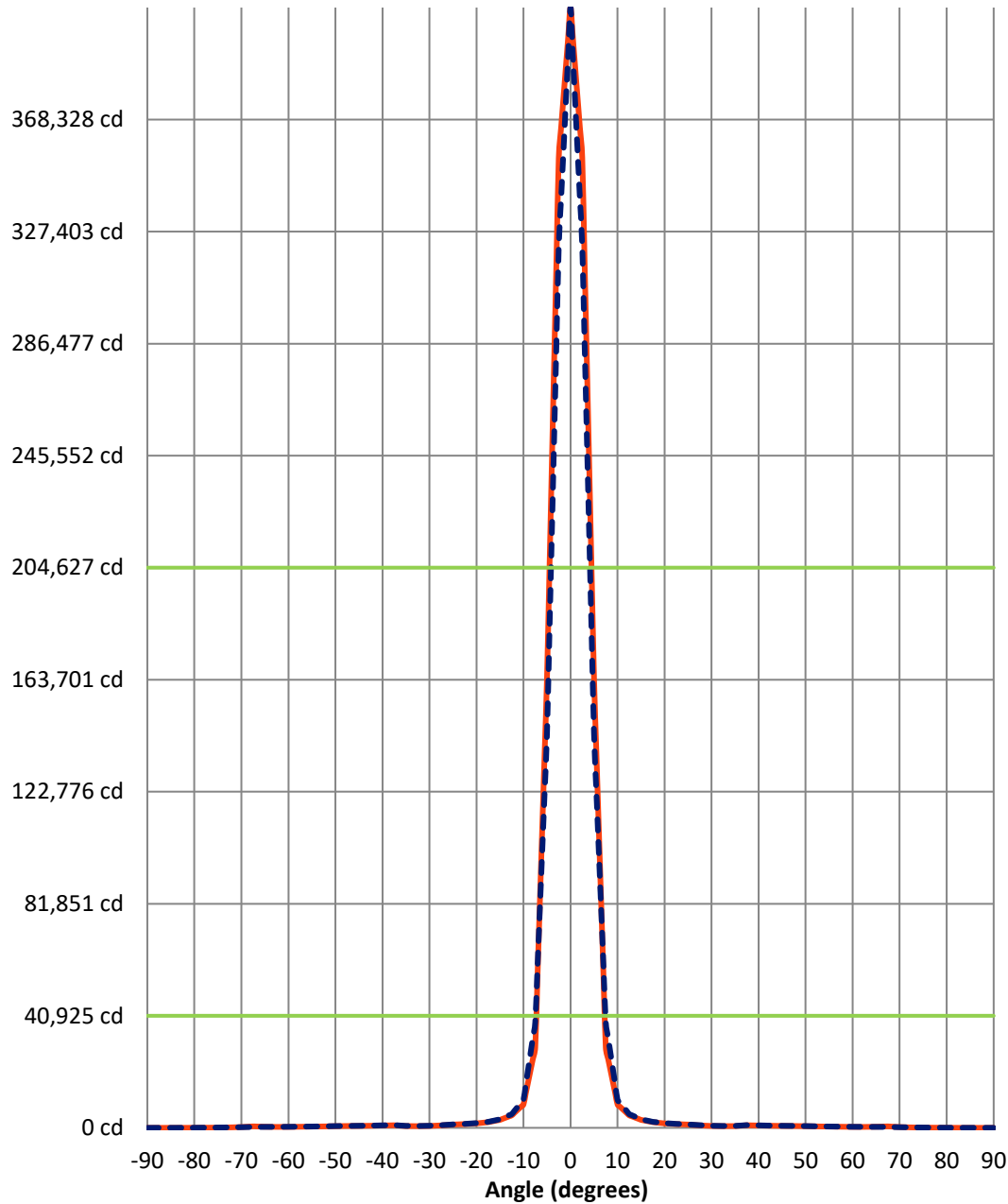
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722867
CATALOG NUMBER: IFLD-M-SA4C-730-U-11

Luminous Intensity Plot



Beam:
H Angle: 8.3°
V Angle: 8.9°
Lumens: 4600.3
Efficiency: 33.7%

Field:
H Angle: 14.9°
V Angle: 14.6°
Lumens: 7266.4
Efficiency: 53.2%

Spill:
Lumens: 6388.2
Efficiency: 46.8%

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



REPORT NUMBER: P722867
 CATALOG NUMBER: IFLD-M-SA4C-730-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° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 82.5° | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 7.1 | 7.1 | 7.1 | 7.1 |
| 80° | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 25.0 | 25.0 | 21.4 | 17.8 | 17.8 |
| 77.5° | 53.5 | 57.1 | 60.6 | 57.1 | 53.5 | 53.5 | 49.9 | 42.8 | 39.2 | 32.1 | 28.5 |
| 75° | 89.2 | 96.3 | 99.9 | 96.3 | 92.7 | 89.2 | 82.0 | 71.3 | 60.6 | 49.9 | 42.8 |
| 72.5° | 160.5 | 164.1 | 164.1 | 156.9 | 146.2 | 139.1 | 128.4 | 107.0 | 89.2 | 71.3 | 60.6 |
| 70° | 278.2 | 288.9 | 292.5 | 256.8 | 224.7 | 196.2 | 167.6 | 142.7 | 114.1 | 89.2 | 78.5 |
| 67.5° | 535.0 | 520.7 | 495.8 | 399.5 | 310.3 | 231.8 | 178.3 | 156.9 | 132.0 | 107.0 | 99.9 |
| 65° | 403.0 | 392.3 | 378.1 | 328.1 | 278.2 | 224.7 | 189.0 | 167.6 | 149.8 | 128.4 | 124.8 |
| 62.5° | 338.8 | 338.8 | 331.7 | 299.6 | 267.5 | 228.3 | 203.3 | 189.0 | 171.2 | 153.4 | 153.4 |
| 60° | 353.1 | 360.2 | 353.1 | 321.0 | 285.3 | 249.7 | 228.3 | 214.0 | 196.2 | 185.5 | 185.5 |
| 57.5° | 399.5 | 403.0 | 392.3 | 356.7 | 321.0 | 281.8 | 260.4 | 242.5 | 224.7 | 214.0 | 214.0 |
| 55° | 460.1 | 456.5 | 442.3 | 406.6 | 370.9 | 331.7 | 310.3 | 285.3 | 260.4 | 249.7 | 249.7 |
| 52.5° | 517.2 | 520.7 | 506.5 | 474.4 | 435.1 | 395.9 | 370.9 | 338.8 | 310.3 | 299.6 | 292.5 |
| 50° | 599.2 | 602.8 | 592.1 | 560.0 | 527.9 | 488.6 | 449.4 | 406.6 | 374.5 | 360.2 | 346.0 |
| 47.5° | 670.5 | 670.5 | 659.8 | 638.4 | 613.5 | 577.8 | 535.0 | 495.8 | 460.1 | 435.1 | 410.2 |
| 45° | 702.6 | 702.6 | 695.5 | 684.8 | 670.5 | 638.4 | 595.6 | 552.8 | 527.9 | 513.6 | 492.2 |
| 42.5° | 759.7 | 759.7 | 741.9 | 720.5 | 702.6 | 670.5 | 631.3 | 584.9 | 577.8 | 563.5 | 549.3 |
| 40° | 852.4 | 820.3 | 791.8 | 766.8 | 738.3 | 702.6 | 667.0 | 634.9 | 620.6 | 602.8 | 588.5 |
| 37.5° | 938.0 | 895.2 | 852.4 | 813.2 | 781.1 | 752.6 | 706.2 | 681.2 | 663.4 | 642.0 | 627.7 |
| 35° | 645.6 | 631.3 | 649.1 | 670.5 | 702.6 | 752.6 | 784.7 | 749.0 | 709.8 | 684.8 | 667.0 |
| 32.5° | 617.0 | 617.0 | 620.6 | 620.6 | 613.5 | 609.9 | 642.0 | 716.9 | 791.8 | 752.6 | 716.9 |
| 30° | 684.8 | 699.1 | 702.6 | 695.5 | 670.5 | 638.4 | 620.6 | 617.0 | 652.7 | 756.1 | 784.7 |
| 27.5° | 884.5 | 895.2 | 888.1 | 863.1 | 809.6 | 734.7 | 688.4 | 638.4 | 627.7 | 627.7 | 741.9 |
| 25° | 1198.4 | 1194.9 | 1166.3 | 1109.3 | 1027.2 | 927.3 | 827.5 | 724.0 | 670.5 | 638.4 | 634.9 |
| 22.5° | 1376.8 | 1376.8 | 1355.4 | 1323.3 | 1269.8 | 1169.9 | 1030.8 | 891.7 | 759.7 | 684.8 | 642.0 |
| 20° | 1619.3 | 1626.4 | 1601.5 | 1540.8 | 1444.5 | 1355.4 | 1251.9 | 1087.9 | 916.6 | 766.8 | 681.2 |
| 17.5° | 2075.8 | 2068.7 | 2011.6 | 1886.8 | 1719.2 | 1565.8 | 1405.3 | 1280.5 | 1098.6 | 905.9 | 745.4 |
| 15° | 2910.4 | 2889.0 | 2728.5 | 2439.6 | 2125.8 | 1854.7 | 1619.3 | 1412.4 | 1269.8 | 1052.2 | 856.0 |
| 12.5° | 4551.1 | 4490.5 | 4055.4 | 3370.6 | 2767.8 | 2214.9 | 1865.4 | 1587.2 | 1376.8 | 1194.9 | 963.0 |
| 10° | 8538.7 | 8474.5 | 7137.0 | 4929.2 | 3787.9 | 2774.9 | 2140.0 | 1754.8 | 1480.2 | 1298.3 | 1066.5 |
| 7.5° | 29339.9 | 25370.1 | 15704.3 | 9615.9 | 5007.7 | 3438.3 | 2493.1 | 1940.3 | 1594.3 | 1362.5 | 1155.6 |
| 5° | 164258.4 | 135935.1 | 72179.8 | 19702.6 | 7939.5 | 4265.8 | 2832.0 | 2093.7 | 1672.8 | 1408.9 | 1209.1 |
| 2.5° | 354350.7 | 292717.6 | 140792.9 | 35706.5 | 9783.5 | 4804.4 | 3028.2 | 2165.0 | 1712.0 | 1430.3 | 1241.2 |
| 0° | 409253.3 | 321793.6 | 143796.1 | 38645.5 | 10250.8 | 5018.4 | 3113.8 | 2197.1 | 1729.9 | 1444.5 | 1251.9 |



REPORT NUMBER: P722867
 CATALOG NUMBER: IFLD-M-SA4C-730-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 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 85° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 82.5° | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 80° | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 10.7 | 10.7 | 10.7 | 7.1 | 7.1 | 7.1 |
| 77.5° | 28.5 | 28.5 | 25.0 | 25.0 | 21.4 | 21.4 | 21.4 | 17.8 | 14.3 | 14.3 | 10.7 |
| 75° | 42.8 | 42.8 | 42.8 | 39.2 | 35.7 | 32.1 | 32.1 | 28.5 | 25.0 | 21.4 | 21.4 |
| 72.5° | 60.6 | 60.6 | 60.6 | 57.1 | 53.5 | 49.9 | 42.8 | 39.2 | 35.7 | 32.1 | 28.5 |
| 70° | 78.5 | 78.5 | 78.5 | 74.9 | 74.9 | 71.3 | 64.2 | 57.1 | 49.9 | 42.8 | 39.2 |
| 67.5° | 99.9 | 99.9 | 99.9 | 92.7 | 89.2 | 85.6 | 82.0 | 74.9 | 67.8 | 57.1 | 49.9 |
| 65° | 124.8 | 124.8 | 124.8 | 114.1 | 107.0 | 103.4 | 96.3 | 89.2 | 78.5 | 71.3 | 60.6 |
| 62.5° | 156.9 | 156.9 | 149.8 | 139.1 | 128.4 | 117.7 | 110.6 | 103.4 | 92.7 | 82.0 | 71.3 |
| 60° | 185.5 | 185.5 | 181.9 | 167.6 | 153.4 | 135.5 | 128.4 | 117.7 | 107.0 | 96.3 | 82.0 |
| 57.5° | 214.0 | 214.0 | 206.9 | 192.6 | 178.3 | 164.1 | 149.8 | 139.1 | 124.8 | 110.6 | 96.3 |
| 55° | 246.1 | 242.5 | 231.8 | 217.6 | 203.3 | 189.0 | 178.3 | 164.1 | 149.8 | 132.0 | 110.6 |
| 52.5° | 285.3 | 274.6 | 256.8 | 242.5 | 224.7 | 210.4 | 199.7 | 185.5 | 171.2 | 149.8 | 124.8 |
| 50° | 331.7 | 313.9 | 288.9 | 267.5 | 249.7 | 235.4 | 221.1 | 206.9 | 192.6 | 167.6 | 142.7 |
| 47.5° | 388.8 | 360.2 | 331.7 | 303.2 | 278.2 | 260.4 | 242.5 | 228.3 | 206.9 | 181.9 | 156.9 |
| 45° | 456.5 | 413.7 | 381.6 | 346.0 | 317.4 | 288.9 | 267.5 | 249.7 | 221.1 | 192.6 | 167.6 |
| 42.5° | 524.3 | 488.6 | 442.3 | 395.9 | 360.2 | 324.6 | 296.0 | 267.5 | 239.0 | 206.9 | 178.3 |
| 40° | 570.7 | 542.1 | 510.0 | 460.1 | 410.2 | 367.4 | 328.1 | 288.9 | 253.2 | 221.1 | 189.0 |
| 37.5° | 606.3 | 584.9 | 556.4 | 520.7 | 470.8 | 417.3 | 363.8 | 313.9 | 271.1 | 235.4 | 203.3 |
| 35° | 645.6 | 620.6 | 592.1 | 563.5 | 524.3 | 467.2 | 399.5 | 342.4 | 292.5 | 249.7 | 221.1 |
| 32.5° | 688.4 | 652.7 | 624.2 | 592.1 | 563.5 | 517.2 | 445.8 | 374.5 | 313.9 | 271.1 | 242.5 |
| 30° | 738.3 | 691.9 | 652.7 | 620.6 | 588.5 | 545.7 | 492.2 | 410.2 | 346.0 | 299.6 | 263.9 |
| 27.5° | 791.8 | 724.0 | 681.2 | 645.6 | 613.5 | 574.2 | 524.3 | 453.0 | 385.2 | 328.1 | 285.3 |
| 25° | 741.9 | 777.5 | 709.8 | 670.5 | 634.9 | 595.6 | 552.8 | 506.5 | 428.0 | 363.8 | 313.9 |
| 22.5° | 638.4 | 763.3 | 759.7 | 702.6 | 659.8 | 624.2 | 599.2 | 549.3 | 477.9 | 399.5 | 338.8 |
| 20° | 645.6 | 681.2 | 813.2 | 734.7 | 691.9 | 667.0 | 642.0 | 595.6 | 524.3 | 431.6 | 363.8 |
| 17.5° | 667.0 | 652.7 | 749.0 | 784.7 | 734.7 | 702.6 | 684.8 | 642.0 | 567.1 | 474.4 | 403.0 |
| 15° | 724.0 | 663.4 | 691.9 | 827.5 | 774.0 | 738.3 | 727.6 | 674.1 | 606.3 | 520.7 | 442.3 |
| 12.5° | 774.0 | 681.2 | 667.0 | 798.9 | 809.6 | 770.4 | 745.4 | 699.1 | 638.4 | 560.0 | 477.9 |
| 10° | 856.0 | 724.0 | 677.7 | 766.8 | 845.3 | 798.9 | 759.7 | 720.5 | 663.4 | 595.6 | 513.6 |
| 7.5° | 920.2 | 749.0 | 681.2 | 741.9 | 881.0 | 820.3 | 774.0 | 731.2 | 684.8 | 624.2 | 542.1 |
| 5° | 948.7 | 759.7 | 677.7 | 720.5 | 920.2 | 845.3 | 791.8 | 741.9 | 699.1 | 642.0 | 556.4 |
| 2.5° | 963.0 | 763.3 | 674.1 | 702.6 | 959.4 | 877.4 | 798.9 | 741.9 | 699.1 | 645.6 | 556.4 |
| 0° | 970.1 | 756.1 | 674.1 | 713.3 | 988.0 | 909.5 | 802.5 | 741.9 | 695.5 | 642.0 | 549.3 |



REPORT NUMBER: P722867
 CATALOG NUMBER: IFLD-M-SA4C-730-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° | 3.6 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 0.0 | 0.0 |
| 82.5° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 80° | 7.1 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 77.5° | 10.7 | 10.7 | 7.1 | 7.1 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 75° | 17.8 | 14.3 | 14.3 | 10.7 | 10.7 | 7.1 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 72.5° | 25.0 | 21.4 | 17.8 | 14.3 | 14.3 | 10.7 | 7.1 | 3.6 | 3.6 | 3.6 | 3.6 |
| 70° | 32.1 | 28.5 | 21.4 | 17.8 | 17.8 | 14.3 | 10.7 | 7.1 | 3.6 | 3.6 | 3.6 |
| 67.5° | 42.8 | 35.7 | 28.5 | 21.4 | 21.4 | 17.8 | 14.3 | 10.7 | 7.1 | 3.6 | 3.6 |
| 65° | 53.5 | 42.8 | 35.7 | 28.5 | 25.0 | 21.4 | 17.8 | 14.3 | 10.7 | 3.6 | 3.6 |
| 62.5° | 60.6 | 53.5 | 42.8 | 35.7 | 32.1 | 25.0 | 21.4 | 17.8 | 10.7 | 7.1 | 3.6 |
| 60° | 71.3 | 60.6 | 49.9 | 42.8 | 39.2 | 32.1 | 25.0 | 21.4 | 14.3 | 10.7 | 3.6 |
| 57.5° | 82.0 | 67.8 | 57.1 | 49.9 | 46.4 | 39.2 | 32.1 | 25.0 | 17.8 | 10.7 | 7.1 |
| 55° | 92.7 | 78.5 | 64.2 | 60.6 | 53.5 | 46.4 | 39.2 | 28.5 | 21.4 | 14.3 | 7.1 |
| 52.5° | 103.4 | 85.6 | 74.9 | 71.3 | 64.2 | 53.5 | 42.8 | 35.7 | 25.0 | 17.8 | 10.7 |
| 50° | 117.7 | 96.3 | 85.6 | 82.0 | 71.3 | 60.6 | 49.9 | 42.8 | 32.1 | 21.4 | 10.7 |
| 47.5° | 132.0 | 107.0 | 99.9 | 92.7 | 82.0 | 71.3 | 57.1 | 49.9 | 35.7 | 25.0 | 14.3 |
| 45° | 142.7 | 124.8 | 114.1 | 107.0 | 92.7 | 82.0 | 67.8 | 57.1 | 39.2 | 28.5 | 14.3 |
| 42.5° | 149.8 | 139.1 | 132.0 | 121.3 | 107.0 | 89.2 | 74.9 | 64.2 | 46.4 | 32.1 | 17.8 |
| 40° | 167.6 | 156.9 | 146.2 | 135.5 | 121.3 | 99.9 | 85.6 | 71.3 | 53.5 | 35.7 | 17.8 |
| 37.5° | 185.5 | 171.2 | 160.5 | 149.8 | 135.5 | 114.1 | 99.9 | 78.5 | 60.6 | 39.2 | 21.4 |
| 35° | 203.3 | 189.0 | 174.8 | 164.1 | 149.8 | 132.0 | 110.6 | 89.2 | 67.8 | 42.8 | 25.0 |
| 32.5° | 221.1 | 203.3 | 189.0 | 174.8 | 167.6 | 146.2 | 121.3 | 96.3 | 74.9 | 46.4 | 25.0 |
| 30° | 239.0 | 217.6 | 203.3 | 192.6 | 185.5 | 164.1 | 135.5 | 107.0 | 82.0 | 53.5 | 28.5 |
| 27.5° | 256.8 | 231.8 | 214.0 | 214.0 | 206.9 | 181.9 | 146.2 | 117.7 | 89.2 | 57.1 | 32.1 |
| 25° | 274.6 | 246.1 | 239.0 | 235.4 | 231.8 | 199.7 | 160.5 | 128.4 | 92.7 | 64.2 | 32.1 |
| 22.5° | 292.5 | 271.1 | 260.4 | 256.8 | 249.7 | 217.6 | 174.8 | 135.5 | 99.9 | 67.8 | 35.7 |
| 20° | 321.0 | 299.6 | 285.3 | 274.6 | 271.1 | 239.0 | 189.0 | 146.2 | 107.0 | 67.8 | 35.7 |
| 17.5° | 356.7 | 324.6 | 306.7 | 296.0 | 288.9 | 256.8 | 203.3 | 156.9 | 110.6 | 67.8 | 35.7 |
| 15° | 388.8 | 353.1 | 328.1 | 313.9 | 306.7 | 278.2 | 214.0 | 160.5 | 114.1 | 67.8 | 35.7 |
| 12.5° | 420.9 | 378.1 | 349.5 | 335.3 | 324.6 | 299.6 | 224.7 | 164.1 | 114.1 | 67.8 | 35.7 |
| 10° | 449.4 | 403.0 | 374.5 | 353.1 | 338.8 | 306.7 | 228.3 | 167.6 | 114.1 | 67.8 | 35.7 |
| 7.5° | 474.4 | 424.4 | 385.2 | 353.1 | 338.8 | 313.9 | 228.3 | 171.2 | 114.1 | 67.8 | 39.2 |
| 5° | 477.9 | 424.4 | 381.6 | 353.1 | 342.4 | 317.4 | 231.8 | 171.2 | 114.1 | 64.2 | 35.7 |
| 2.5° | 481.5 | 424.4 | 381.6 | 353.1 | 342.4 | 317.4 | 231.8 | 171.2 | 114.1 | 64.2 | 35.7 |
| 0° | 477.9 | 420.9 | 378.1 | 353.1 | 342.4 | 317.4 | 231.8 | 171.2 | 110.6 | 60.6 | 35.7 |



REPORT NUMBER: P722867
 CATALOG NUMBER: IFLD-M-SA4C-730-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° | 3.6 | 0.0 | 0.0 | 0.0 |
| 77.5° | 3.6 | 0.0 | 0.0 | 0.0 |
| 75° | 3.6 | 3.6 | 0.0 | 0.0 |
| 72.5° | 3.6 | 3.6 | 0.0 | 0.0 |
| 70° | 3.6 | 3.6 | 0.0 | 0.0 |
| 67.5° | 3.6 | 3.6 | 0.0 | 0.0 |
| 65° | 3.6 | 3.6 | 0.0 | 0.0 |
| 62.5° | 3.6 | 3.6 | 0.0 | 0.0 |
| 60° | 3.6 | 3.6 | 0.0 | 0.0 |
| 57.5° | 3.6 | 3.6 | 3.6 | 0.0 |
| 55° | 3.6 | 3.6 | 3.6 | 0.0 |
| 52.5° | 3.6 | 3.6 | 3.6 | 0.0 |
| 50° | 3.6 | 3.6 | 3.6 | 0.0 |
| 47.5° | 3.6 | 3.6 | 3.6 | 0.0 |
| 45° | 3.6 | 3.6 | 3.6 | 0.0 |
| 42.5° | 7.1 | 3.6 | 3.6 | 0.0 |
| 40° | 7.1 | 3.6 | 3.6 | 0.0 |
| 37.5° | 10.7 | 3.6 | 3.6 | 0.0 |
| 35° | 10.7 | 3.6 | 3.6 | 0.0 |
| 32.5° | 10.7 | 3.6 | 3.6 | 0.0 |
| 30° | 10.7 | 3.6 | 3.6 | 0.0 |
| 27.5° | 14.3 | 3.6 | 3.6 | 0.0 |
| 25° | 14.3 | 3.6 | 3.6 | 0.0 |
| 22.5° | 14.3 | 3.6 | 3.6 | 0.0 |
| 20° | 14.3 | 3.6 | 3.6 | 0.0 |
| 17.5° | 14.3 | 3.6 | 3.6 | 0.0 |
| 15° | 17.8 | 3.6 | 3.6 | 0.0 |
| 12.5° | 17.8 | 3.6 | 3.6 | 0.0 |
| 10° | 17.8 | 3.6 | 3.6 | 0.0 |
| 7.5° | 17.8 | 3.6 | 3.6 | 0.0 |
| 5° | 17.8 | 3.6 | 3.6 | 0.0 |
| 2.5° | 17.8 | 3.6 | 3.6 | 0.0 |
| 0° | 17.8 | 3.6 | 3.6 | 0.0 |

(END OF REPORT)