

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: P623066

Luminaire Tested: **IFLD-M-SA4B-735-U-33**

Issue Date: 10/13/2022

Test Information

Test Method: LM-79-2019
Report Number: P623066
Test Lab: INNOVATION CENTER(G2)
Issue Date: 10/13/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-735-U-33
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 23439.2 lumens | Max Intensity: | 218105.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 141.1 lumens/watt | | |
| Luminous Opening: | Rectangular (W 2' x L: 0.5' x H: 0') | | |

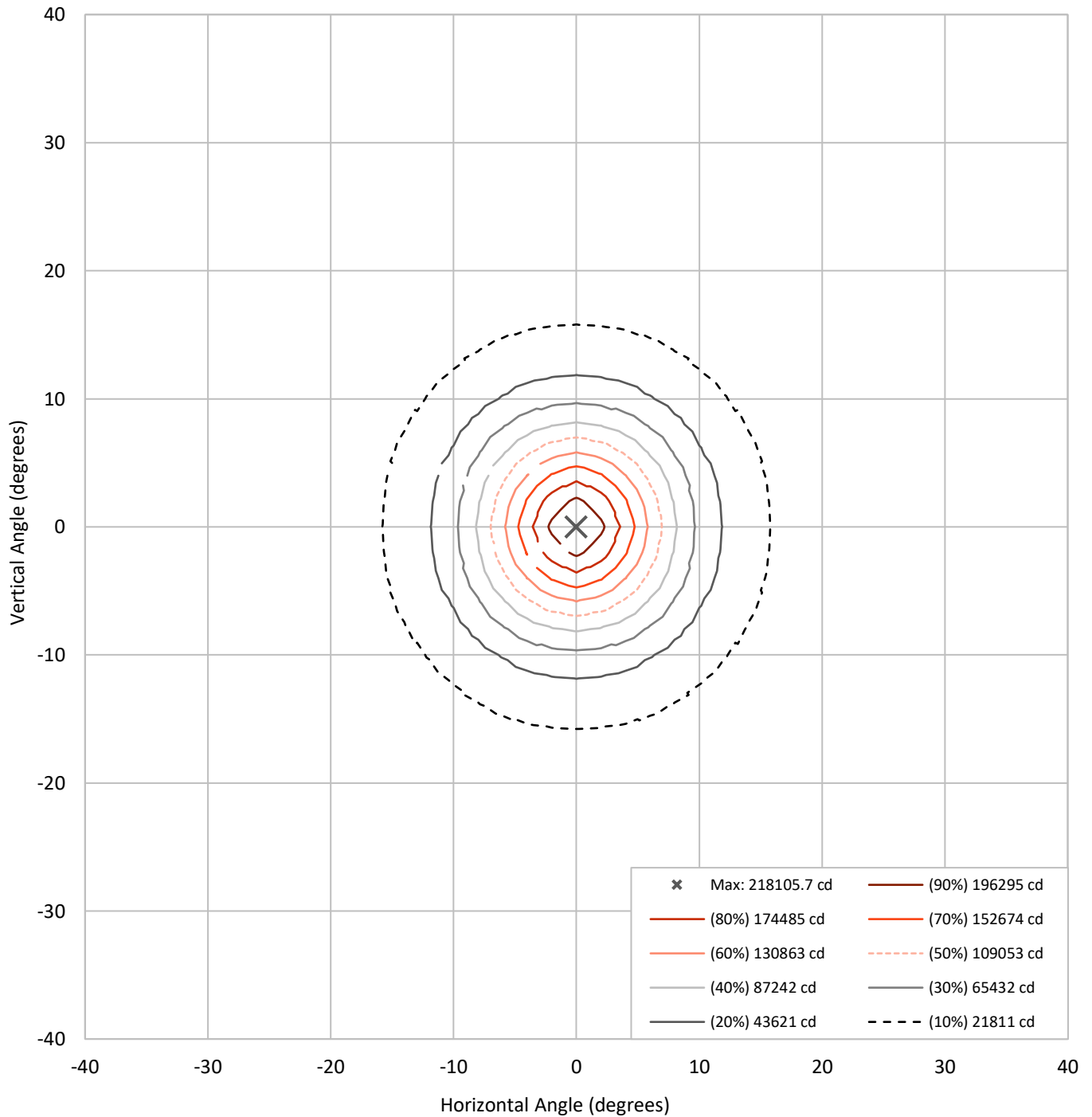
| | | | |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 13.8°H x 13.8°V | Field Angle (10%): | 31.4°H x 31.4°V |
| Beam Lumens: | 5125.5 lumens | Field Lumens: | 11934.3 lumens |
| Beam Efficiency: | 21.9% | Field Efficiency: | 50.9% |

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: 25 FT



REPORT NUMBER: P623066
CATALOG NUMBER: IFLD-M-SA4B-735-U-33

Iso-Candela Plot





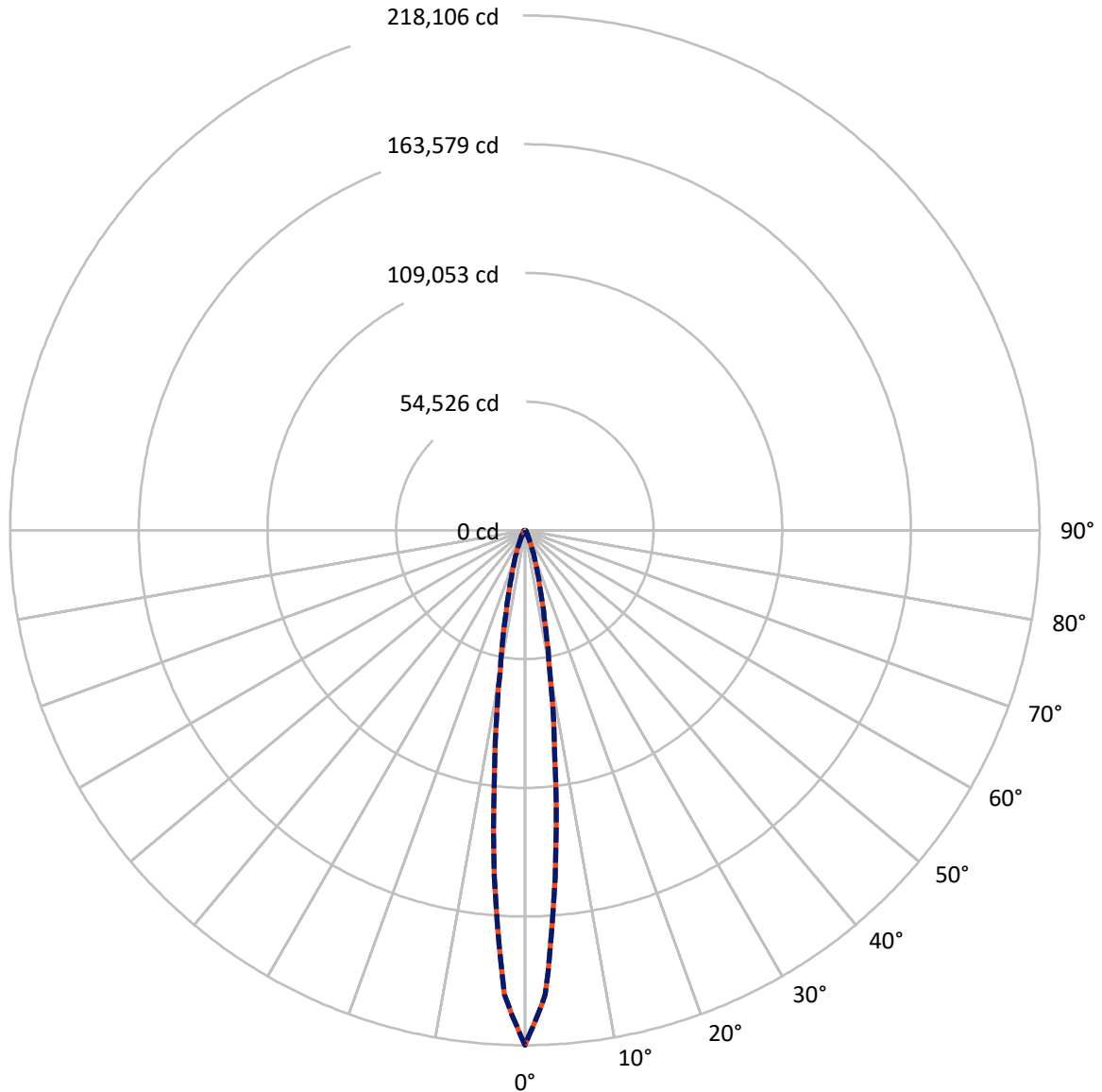
REPORT NUMBER: P623066
 CATALOG NUMBER: IFLD-M-SA4B-735-U-33

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|------|-------|-------|--------|--------|-------|-------|------|------|------|-----|-----|
| 90 | 0.4 | 3.0 | | 8.0 | | 13.1 | | 15.2 | | 13.1 | | 8.0 | | 3.0 | | 0.4 |
| 80 | 0.4 | 3.0 | | 8.0 | | 13.1 | | 15.2 | | 13.1 | | 8.0 | | 3.0 | | 0.4 |
| 70 | 1.4 | 1.5 | 3.2 | 5.4 | 7.6 | 9.6 | 11.1 | 11.9 | 11.9 | 11.1 | 9.6 | 7.6 | 5.4 | 3.2 | 1.5 | 1.4 |
| 60 | | 2.4 | 5.0 | 8.1 | 11.2 | 13.9 | 16.1 | 17.2 | 17.2 | 16.1 | 13.9 | 11.2 | 8.1 | 5.0 | 2.4 | |
| 50 | 2.5 | 3.3 | 6.6 | 10.4 | 14.4 | 18.5 | 22.4 | 24.8 | 24.8 | 22.4 | 18.5 | 14.4 | 10.4 | 6.6 | 3.3 | 2.5 |
| 40 | | 4.0 | 7.9 | 12.5 | 18.2 | 26.1 | 35.7 | 43.9 | 43.9 | 35.7 | 26.1 | 18.2 | 12.5 | 7.9 | 4.0 | |
| 30 | 3.4 | 4.6 | 8.9 | 14.5 | 23.7 | 41.7 | 85.3 | 145.9 | 145.9 | 85.3 | 41.7 | 23.7 | 14.5 | 8.9 | 4.6 | 3.4 |
| 20 | | 4.9 | 9.6 | 16.4 | 30.4 | 80.4 | 289.0 | 717.7 | 717.7 | 289.0 | 80.4 | 30.4 | 16.4 | 9.6 | 4.9 | |
| 10 | 3.7 | 5.1 | 10.0 | 17.7 | 36.3 | 133.9 | 699.3 | 3070.4 | 3070.4 | 699.3 | 133.9 | 36.3 | 17.7 | 10.0 | 5.1 | 3.7 |
| 0 | | 5.1 | 10.0 | 17.7 | 36.3 | 133.9 | 699.3 | 3070.4 | 3070.4 | 699.3 | 133.9 | 36.3 | 17.7 | 10.0 | 5.1 | |
| -10 | 3.4 | 4.9 | 9.6 | 16.4 | 30.4 | 80.4 | 289.0 | 717.7 | 717.7 | 289.0 | 80.4 | 30.4 | 16.4 | 9.6 | 4.9 | 3.4 |
| -20 | | 4.6 | 8.9 | 14.5 | 23.7 | 41.7 | 85.3 | 145.9 | 145.9 | 85.3 | 41.7 | 23.7 | 14.5 | 8.9 | 4.6 | |
| -30 | 2.5 | 4.0 | 7.9 | 12.5 | 18.2 | 26.1 | 35.7 | 43.9 | 43.9 | 35.7 | 26.1 | 18.2 | 12.5 | 7.9 | 4.0 | 2.5 |
| -40 | | 3.3 | 6.6 | 10.4 | 14.4 | 18.5 | 22.4 | 24.8 | 24.8 | 22.4 | 18.5 | 14.4 | 10.4 | 6.6 | 3.3 | |
| -50 | 1.4 | 2.4 | 5.0 | 8.1 | 11.2 | 13.9 | 16.1 | 17.2 | 17.2 | 16.1 | 13.9 | 11.2 | 8.1 | 5.0 | 2.4 | 1.4 |
| -60 | | 1.5 | 3.2 | 5.4 | 7.6 | 9.6 | 11.1 | 11.9 | 11.9 | 11.1 | 9.6 | 7.6 | 5.4 | 3.2 | 1.5 | |
| -70 | 0.4 | 3.0 | | 8.0 | | 13.1 | | 15.2 | | 13.1 | | 8.0 | | 3.0 | | 0.4 |
| -80 | | 3.0 | | 8.0 | | 13.1 | | 15.2 | | 13.1 | | 8.0 | | 3.0 | | |
| -90 | 0.4 | 3.0 | | 8.0 | | 13.1 | | 15.2 | | 13.1 | | 8.0 | | 3.0 | | 0.4 |

REPORT NUMBER: P623066
CATALOG NUMBER: IFLD-M-SA4B-735-U-33

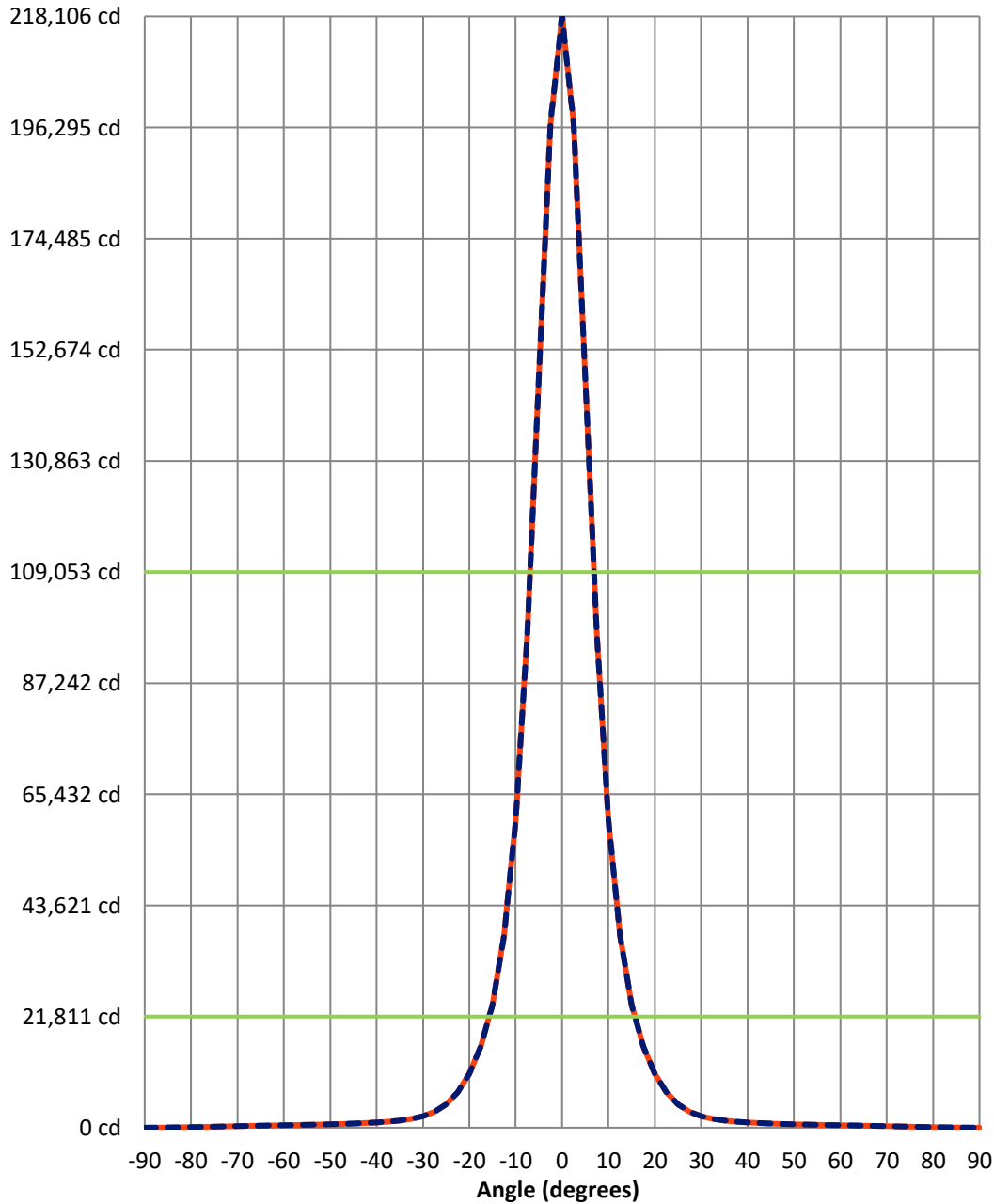
Luminous Intensity Polar Plot



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

REPORT NUMBER: P623066
 CATALOG NUMBER: IFLD-M-SA4B-735-U-33

Luminous Intensity Plot



Beam:
 H Angle: 13.8°
 V Angle: 13.8°
 Lumens: 5125.5
 Efficiency: 21.9%

Field:
 H Angle: 31.4°
 V Angle: 31.4°
 Lumens: 11934.3
 Efficiency: 50.9%

Spill:
 Lumens: 11504.9
 Efficiency: 49.1%

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



REPORT NUMBER: P623066
 CATALOG NUMBER: IFLD-M-SA4B-735-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° | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 19.5 | 17.1 | 17.1 |
| 85° | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 41.5 | 41.5 | 41.5 | 39.0 | 39.0 |
| 82.5° | 73.2 | 73.2 | 73.2 | 73.2 | 70.7 | 70.7 | 70.7 | 68.3 | 68.3 | 65.8 | 65.8 |
| 80° | 112.2 | 112.2 | 112.2 | 112.2 | 109.7 | 107.3 | 107.3 | 104.9 | 102.4 | 100.0 | 97.5 |
| 77.5° | 153.6 | 153.6 | 153.6 | 151.2 | 151.2 | 148.7 | 146.3 | 143.9 | 141.4 | 136.6 | 134.1 |
| 75° | 202.4 | 202.4 | 202.4 | 200.0 | 197.5 | 195.1 | 192.6 | 187.8 | 185.3 | 180.4 | 175.6 |
| 72.5° | 253.6 | 253.6 | 253.6 | 251.2 | 248.7 | 243.8 | 241.4 | 236.5 | 231.7 | 224.3 | 219.5 |
| 70° | 302.4 | 302.4 | 302.4 | 299.9 | 295.1 | 292.6 | 287.7 | 282.9 | 278.0 | 270.7 | 263.4 |
| 67.5° | 351.1 | 351.1 | 351.1 | 346.3 | 343.8 | 341.4 | 336.5 | 329.2 | 324.3 | 317.0 | 307.2 |
| 65° | 397.5 | 397.5 | 395.0 | 392.6 | 390.2 | 385.3 | 380.4 | 375.5 | 368.2 | 360.9 | 351.1 |
| 62.5° | 443.8 | 443.8 | 441.4 | 438.9 | 436.5 | 431.6 | 424.3 | 419.4 | 409.7 | 402.3 | 392.6 |
| 60° | 482.8 | 482.8 | 480.4 | 477.9 | 475.5 | 470.6 | 465.7 | 458.4 | 451.1 | 443.8 | 434.0 |
| 57.5° | 524.3 | 524.3 | 521.8 | 519.4 | 514.5 | 509.6 | 504.8 | 497.4 | 487.7 | 477.9 | 470.6 |
| 55° | 570.6 | 570.6 | 568.2 | 563.3 | 558.4 | 553.5 | 546.2 | 536.5 | 526.7 | 517.0 | 504.8 |
| 52.5° | 614.5 | 614.5 | 612.1 | 607.2 | 602.3 | 597.4 | 587.7 | 580.4 | 568.2 | 556.0 | 541.3 |
| 50° | 668.1 | 668.1 | 663.3 | 658.4 | 653.5 | 643.8 | 634.0 | 621.8 | 609.6 | 595.0 | 582.8 |
| 47.5° | 729.1 | 729.1 | 724.2 | 719.3 | 709.6 | 699.8 | 685.2 | 670.6 | 655.9 | 638.9 | 619.4 |
| 45° | 814.4 | 814.4 | 807.1 | 797.4 | 785.2 | 768.1 | 748.6 | 729.1 | 707.2 | 687.6 | 665.7 |
| 42.5° | 919.3 | 919.3 | 909.5 | 897.4 | 880.3 | 858.3 | 831.5 | 804.7 | 775.4 | 743.7 | 714.5 |
| 40° | 1029.0 | 1029.0 | 1016.8 | 1004.6 | 985.1 | 958.3 | 929.1 | 894.9 | 858.3 | 816.9 | 780.3 |
| 37.5° | 1180.2 | 1180.2 | 1163.1 | 1141.2 | 1111.9 | 1075.4 | 1031.5 | 992.5 | 951.0 | 904.7 | 855.9 |
| 35° | 1404.6 | 1404.6 | 1377.7 | 1341.2 | 1294.8 | 1233.9 | 1168.0 | 1111.9 | 1048.5 | 992.5 | 938.8 |
| 32.5° | 1736.2 | 1736.2 | 1689.9 | 1636.2 | 1558.2 | 1460.6 | 1365.5 | 1275.3 | 1180.2 | 1099.7 | 1021.7 |
| 30° | 2258.0 | 2258.0 | 2180.0 | 2082.4 | 1950.8 | 1782.5 | 1641.1 | 1494.8 | 1355.8 | 1238.7 | 1131.4 |
| 27.5° | 3126.1 | 3089.5 | 2982.2 | 2804.2 | 2560.4 | 2258.0 | 2041.0 | 1794.7 | 1599.6 | 1409.4 | 1270.4 |
| 25° | 4589.2 | 4520.9 | 4318.5 | 3984.4 | 3533.3 | 3033.4 | 2638.4 | 2219.0 | 1921.5 | 1650.8 | 1433.8 |
| 22.5° | 6966.7 | 6842.3 | 6471.7 | 5866.9 | 5050.1 | 4250.2 | 3521.1 | 2874.9 | 2343.4 | 1965.4 | 1650.8 |
| 20° | 10585.4 | 10368.3 | 9729.5 | 8695.6 | 7300.8 | 6064.5 | 4764.8 | 3806.4 | 2955.4 | 2343.4 | 1921.5 |
| 17.5° | 16023.1 | 15647.6 | 14547.9 | 12775.1 | 10585.4 | 8571.2 | 6591.2 | 5013.5 | 3806.4 | 2874.9 | 2219.0 |
| 15° | 24157.8 | 23499.5 | 21577.9 | 18522.6 | 15013.6 | 11819.2 | 9007.7 | 6591.2 | 4764.8 | 3521.1 | 2638.4 |
| 12.5° | 37815.7 | 36484.3 | 32636.4 | 26635.3 | 21041.5 | 15791.5 | 11819.2 | 8571.2 | 6064.5 | 4250.2 | 3033.4 |
| 10° | 60381.2 | 57630.6 | 49830.0 | 38022.9 | 29042.1 | 21041.5 | 15013.6 | 10585.4 | 7300.8 | 5050.1 | 3533.3 |
| 7.5° | 96958.1 | 91054.6 | 74924.2 | 55043.4 | 38022.9 | 26635.3 | 18522.6 | 12775.1 | 8695.6 | 5866.9 | 3984.4 |
| 5° | 147407.4 | 135527.3 | 105704.9 | 74924.2 | 49830.0 | 32636.4 | 21577.9 | 14547.9 | 9729.5 | 6471.7 | 4318.5 |
| 2.5° | 196869.2 | 176393.4 | 135527.3 | 91054.6 | 57630.6 | 36484.3 | 23499.5 | 15647.6 | 10368.3 | 6842.3 | 4520.9 |
| 0° | 218105.7 | 196869.2 | 147407.4 | 96958.1 | 60381.2 | 37815.7 | 24157.8 | 16023.1 | 10585.4 | 6966.7 | 4589.2 |



REPORT NUMBER: P623066
 CATALOG NUMBER: IFLD-M-SA4B-735-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° | 17.1 | 17.1 | 17.1 | 17.1 | 14.6 | 14.6 | 14.6 | 14.6 | 12.2 | 12.2 | 12.2 |
| 85° | 39.0 | 36.6 | 36.6 | 34.1 | 34.1 | 31.7 | 31.7 | 29.3 | 29.3 | 26.8 | 24.4 |
| 82.5° | 63.4 | 61.0 | 58.5 | 56.1 | 56.1 | 53.6 | 51.2 | 46.3 | 43.9 | 41.5 | 39.0 |
| 80° | 95.1 | 90.2 | 87.8 | 82.9 | 80.5 | 75.6 | 70.7 | 68.3 | 63.4 | 61.0 | 56.1 |
| 77.5° | 129.2 | 124.4 | 121.9 | 114.6 | 109.7 | 104.9 | 100.0 | 92.7 | 87.8 | 80.5 | 73.2 |
| 75° | 168.3 | 163.4 | 156.1 | 148.7 | 143.9 | 136.6 | 129.2 | 121.9 | 112.2 | 104.9 | 97.5 |
| 72.5° | 212.1 | 204.8 | 197.5 | 187.8 | 178.0 | 170.7 | 158.5 | 148.7 | 141.4 | 131.7 | 121.9 |
| 70° | 256.0 | 248.7 | 239.0 | 229.2 | 217.0 | 207.3 | 195.1 | 182.9 | 170.7 | 158.5 | 146.3 |
| 67.5° | 299.9 | 290.2 | 280.4 | 268.2 | 256.0 | 243.8 | 231.7 | 217.0 | 202.4 | 187.8 | 173.1 |
| 65° | 341.4 | 331.6 | 319.4 | 307.2 | 295.1 | 280.4 | 265.8 | 251.2 | 234.1 | 217.0 | 202.4 |
| 62.5° | 382.8 | 370.6 | 358.5 | 346.3 | 331.6 | 317.0 | 302.4 | 282.9 | 265.8 | 248.7 | 229.2 |
| 60° | 421.9 | 409.7 | 397.5 | 382.8 | 368.2 | 351.1 | 334.1 | 317.0 | 297.5 | 278.0 | 258.5 |
| 57.5° | 458.4 | 446.2 | 434.0 | 417.0 | 402.3 | 385.3 | 365.8 | 348.7 | 326.8 | 307.2 | 285.3 |
| 55° | 492.6 | 480.4 | 465.7 | 451.1 | 436.5 | 417.0 | 397.5 | 378.0 | 356.0 | 334.1 | 309.7 |
| 52.5° | 526.7 | 512.1 | 497.4 | 482.8 | 465.7 | 448.7 | 429.2 | 407.2 | 385.3 | 360.9 | 336.5 |
| 50° | 565.7 | 548.7 | 529.1 | 512.1 | 492.6 | 475.5 | 456.0 | 434.0 | 412.1 | 385.3 | 360.9 |
| 47.5° | 602.3 | 585.2 | 565.7 | 543.8 | 524.3 | 502.3 | 480.4 | 460.9 | 436.5 | 412.1 | 385.3 |
| 45° | 643.8 | 619.4 | 599.9 | 577.9 | 553.5 | 529.1 | 507.2 | 482.8 | 460.9 | 434.0 | 407.2 |
| 42.5° | 687.6 | 660.8 | 634.0 | 607.2 | 585.2 | 558.4 | 531.6 | 507.2 | 480.4 | 456.0 | 429.2 |
| 40° | 738.9 | 707.2 | 673.0 | 643.8 | 614.5 | 587.7 | 558.4 | 529.1 | 502.3 | 475.5 | 448.7 |
| 37.5° | 804.7 | 760.8 | 716.9 | 680.3 | 646.2 | 614.5 | 585.2 | 553.5 | 524.3 | 492.6 | 465.7 |
| 35° | 882.7 | 821.8 | 770.6 | 719.3 | 680.3 | 643.8 | 607.2 | 577.9 | 543.8 | 512.1 | 482.8 |
| 32.5° | 960.8 | 894.9 | 829.1 | 770.6 | 716.9 | 673.0 | 634.0 | 599.9 | 565.7 | 529.1 | 497.4 |
| 30° | 1041.2 | 968.1 | 894.9 | 821.8 | 760.8 | 707.2 | 660.8 | 619.4 | 585.2 | 548.7 | 512.1 |
| 27.5° | 1143.6 | 1041.2 | 960.8 | 882.7 | 804.7 | 738.9 | 687.6 | 643.8 | 602.3 | 565.7 | 526.7 |
| 25° | 1270.4 | 1131.4 | 1021.7 | 938.8 | 855.9 | 780.3 | 714.5 | 665.7 | 619.4 | 582.8 | 541.3 |
| 22.5° | 1409.4 | 1238.7 | 1099.7 | 992.5 | 904.7 | 816.9 | 743.7 | 687.6 | 638.9 | 595.0 | 556.0 |
| 20° | 1599.6 | 1355.8 | 1180.2 | 1048.5 | 951.0 | 858.3 | 775.4 | 707.2 | 655.9 | 609.6 | 568.2 |
| 17.5° | 1794.7 | 1494.8 | 1275.3 | 1111.9 | 992.5 | 894.9 | 804.7 | 729.1 | 670.6 | 621.8 | 580.4 |
| 15° | 2041.0 | 1641.1 | 1365.5 | 1168.0 | 1031.5 | 929.1 | 831.5 | 748.6 | 685.2 | 634.0 | 587.7 |
| 12.5° | 2258.0 | 1782.5 | 1460.6 | 1233.9 | 1075.4 | 958.3 | 858.3 | 768.1 | 699.8 | 643.8 | 597.4 |
| 10° | 2560.4 | 1950.8 | 1558.2 | 1294.8 | 1111.9 | 985.1 | 880.3 | 785.2 | 709.6 | 653.5 | 602.3 |
| 7.5° | 2804.2 | 2082.4 | 1636.2 | 1341.2 | 1141.2 | 1004.6 | 897.4 | 797.4 | 719.3 | 658.4 | 607.2 |
| 5° | 2982.2 | 2180.0 | 1689.9 | 1377.7 | 1163.1 | 1016.8 | 909.5 | 807.1 | 724.2 | 663.3 | 612.1 |
| 2.5° | 3089.5 | 2258.0 | 1736.2 | 1404.6 | 1180.2 | 1029.0 | 919.3 | 814.4 | 729.1 | 668.1 | 614.5 |
| 0° | 3126.1 | 2258.0 | 1736.2 | 1404.6 | 1180.2 | 1029.0 | 919.3 | 814.4 | 729.1 | 668.1 | 614.5 |



REPORT NUMBER: P623066
 CATALOG NUMBER: IFLD-M-SA4B-735-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° | 12.2 | 9.8 | 9.8 | 9.8 | 7.3 | 7.3 | 7.3 | 4.9 | 4.9 | 4.9 | 2.4 |
| 85° | 21.9 | 21.9 | 19.5 | 17.1 | 17.1 | 14.6 | 12.2 | 12.2 | 9.8 | 7.3 | 7.3 |
| 82.5° | 36.6 | 34.1 | 31.7 | 29.3 | 26.8 | 21.9 | 19.5 | 17.1 | 14.6 | 12.2 | 9.8 |
| 80° | 51.2 | 48.8 | 43.9 | 39.0 | 36.6 | 31.7 | 29.3 | 24.4 | 19.5 | 17.1 | 14.6 |
| 77.5° | 68.3 | 63.4 | 58.5 | 53.6 | 46.3 | 41.5 | 36.6 | 31.7 | 26.8 | 21.9 | 17.1 |
| 75° | 90.2 | 80.5 | 73.2 | 65.8 | 58.5 | 51.2 | 43.9 | 39.0 | 31.7 | 26.8 | 19.5 |
| 72.5° | 112.2 | 102.4 | 90.2 | 80.5 | 70.7 | 63.4 | 53.6 | 46.3 | 39.0 | 31.7 | 24.4 |
| 70° | 134.1 | 121.9 | 109.7 | 97.5 | 85.3 | 73.2 | 63.4 | 53.6 | 43.9 | 36.6 | 29.3 |
| 67.5° | 156.1 | 143.9 | 129.2 | 114.6 | 102.4 | 87.8 | 73.2 | 63.4 | 51.2 | 41.5 | 31.7 |
| 65° | 182.9 | 165.8 | 148.7 | 134.1 | 117.0 | 102.4 | 85.3 | 70.7 | 58.5 | 46.3 | 36.6 |
| 62.5° | 209.7 | 190.2 | 170.7 | 151.2 | 134.1 | 114.6 | 97.5 | 80.5 | 65.8 | 53.6 | 39.0 |
| 60° | 236.5 | 214.6 | 192.6 | 170.7 | 148.7 | 129.2 | 109.7 | 90.2 | 73.2 | 58.5 | 43.9 |
| 57.5° | 263.4 | 239.0 | 214.6 | 190.2 | 165.8 | 143.9 | 121.9 | 102.4 | 80.5 | 63.4 | 48.8 |
| 55° | 287.7 | 263.4 | 236.5 | 209.7 | 182.9 | 156.1 | 134.1 | 112.2 | 90.2 | 68.3 | 51.2 |
| 52.5° | 309.7 | 285.3 | 258.5 | 229.2 | 202.4 | 173.1 | 146.3 | 121.9 | 97.5 | 73.2 | 56.1 |
| 50° | 334.1 | 307.2 | 278.0 | 248.7 | 217.0 | 187.8 | 158.5 | 131.7 | 104.9 | 80.5 | 61.0 |
| 47.5° | 356.0 | 326.8 | 297.5 | 265.8 | 234.1 | 202.4 | 170.7 | 141.4 | 112.2 | 87.8 | 63.4 |
| 45° | 378.0 | 348.7 | 317.0 | 282.9 | 251.2 | 217.0 | 182.9 | 148.7 | 121.9 | 92.7 | 68.3 |
| 42.5° | 397.5 | 365.8 | 334.1 | 302.4 | 265.8 | 231.7 | 195.1 | 158.5 | 129.2 | 100.0 | 70.7 |
| 40° | 417.0 | 385.3 | 351.1 | 317.0 | 280.4 | 243.8 | 207.3 | 170.7 | 136.6 | 104.9 | 75.6 |
| 37.5° | 436.5 | 402.3 | 368.2 | 331.6 | 295.1 | 256.0 | 217.0 | 178.0 | 143.9 | 109.7 | 80.5 |
| 35° | 451.1 | 417.0 | 382.8 | 346.3 | 307.2 | 268.2 | 229.2 | 187.8 | 148.7 | 114.6 | 82.9 |
| 32.5° | 465.7 | 434.0 | 397.5 | 358.5 | 319.4 | 280.4 | 239.0 | 197.5 | 156.1 | 121.9 | 87.8 |
| 30° | 480.4 | 446.2 | 409.7 | 370.6 | 331.6 | 290.2 | 248.7 | 204.8 | 163.4 | 124.4 | 90.2 |
| 27.5° | 492.6 | 458.4 | 421.9 | 382.8 | 341.4 | 299.9 | 256.0 | 212.1 | 168.3 | 129.2 | 95.1 |
| 25° | 504.8 | 470.6 | 434.0 | 392.6 | 351.1 | 307.2 | 263.4 | 219.5 | 175.6 | 134.1 | 97.5 |
| 22.5° | 517.0 | 477.9 | 443.8 | 402.3 | 360.9 | 317.0 | 270.7 | 224.3 | 180.4 | 136.6 | 100.0 |
| 20° | 526.7 | 487.7 | 451.1 | 409.7 | 368.2 | 324.3 | 278.0 | 231.7 | 185.3 | 141.4 | 102.4 |
| 17.5° | 536.5 | 497.4 | 458.4 | 419.4 | 375.5 | 329.2 | 282.9 | 236.5 | 187.8 | 143.9 | 104.9 |
| 15° | 546.2 | 504.8 | 465.7 | 424.3 | 380.4 | 336.5 | 287.7 | 241.4 | 192.6 | 146.3 | 107.3 |
| 12.5° | 553.5 | 509.6 | 470.6 | 431.6 | 385.3 | 341.4 | 292.6 | 243.8 | 195.1 | 148.7 | 107.3 |
| 10° | 558.4 | 514.5 | 475.5 | 436.5 | 390.2 | 343.8 | 295.1 | 248.7 | 197.5 | 151.2 | 109.7 |
| 7.5° | 563.3 | 519.4 | 477.9 | 438.9 | 392.6 | 346.3 | 299.9 | 251.2 | 200.0 | 151.2 | 112.2 |
| 5° | 568.2 | 521.8 | 480.4 | 441.4 | 395.0 | 351.1 | 302.4 | 253.6 | 202.4 | 153.6 | 112.2 |
| 2.5° | 570.6 | 524.3 | 482.8 | 443.8 | 397.5 | 351.1 | 302.4 | 253.6 | 202.4 | 153.6 | 112.2 |
| 0° | 570.6 | 524.3 | 482.8 | 443.8 | 397.5 | 351.1 | 302.4 | 253.6 | 202.4 | 153.6 | 112.2 |



REPORT NUMBER: P623066
 CATALOG NUMBER: IFLD-M-SA4B-735-U-33

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.4 | 2.4 | 0.0 | 0.0 |
| 85° | 4.9 | 2.4 | 2.4 | 0.0 |
| 82.5° | 7.3 | 4.9 | 2.4 | 0.0 |
| 80° | 9.8 | 7.3 | 2.4 | 0.0 |
| 77.5° | 12.2 | 7.3 | 4.9 | 0.0 |
| 75° | 14.6 | 9.8 | 4.9 | 0.0 |
| 72.5° | 17.1 | 12.2 | 4.9 | 0.0 |
| 70° | 19.5 | 12.2 | 7.3 | 0.0 |
| 67.5° | 21.9 | 14.6 | 7.3 | 0.0 |
| 65° | 26.8 | 17.1 | 7.3 | 0.0 |
| 62.5° | 29.3 | 17.1 | 9.8 | 0.0 |
| 60° | 31.7 | 19.5 | 9.8 | 0.0 |
| 57.5° | 34.1 | 21.9 | 9.8 | 0.0 |
| 55° | 36.6 | 21.9 | 12.2 | 0.0 |
| 52.5° | 39.0 | 24.4 | 12.2 | 0.0 |
| 50° | 41.5 | 26.8 | 12.2 | 0.0 |
| 47.5° | 43.9 | 29.3 | 12.2 | 0.0 |
| 45° | 46.3 | 29.3 | 14.6 | 0.0 |
| 42.5° | 51.2 | 31.7 | 14.6 | 0.0 |
| 40° | 53.6 | 31.7 | 14.6 | 0.0 |
| 37.5° | 56.1 | 34.1 | 14.6 | 0.0 |
| 35° | 56.1 | 34.1 | 17.1 | 0.0 |
| 32.5° | 58.5 | 36.6 | 17.1 | 0.0 |
| 30° | 61.0 | 36.6 | 17.1 | 0.0 |
| 27.5° | 63.4 | 39.0 | 17.1 | 0.0 |
| 25° | 65.8 | 39.0 | 17.1 | 0.0 |
| 22.5° | 65.8 | 39.0 | 17.1 | 0.0 |
| 20° | 68.3 | 41.5 | 19.5 | 0.0 |
| 17.5° | 68.3 | 41.5 | 19.5 | 0.0 |
| 15° | 70.7 | 41.5 | 19.5 | 0.0 |
| 12.5° | 70.7 | 43.9 | 19.5 | 0.0 |
| 10° | 70.7 | 43.9 | 19.5 | 0.0 |
| 7.5° | 73.2 | 43.9 | 19.5 | 0.0 |
| 5° | 73.2 | 43.9 | 19.5 | 0.0 |
| 2.5° | 73.2 | 43.9 | 19.5 | 0.0 |
| 0° | 73.2 | 43.9 | 19.5 | 0.0 |

(END OF REPORT)