

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: P723358

Luminaire Tested: **IFLD-M-SA4A-750-U-22**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723358
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-750-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens
Light Source: (64) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

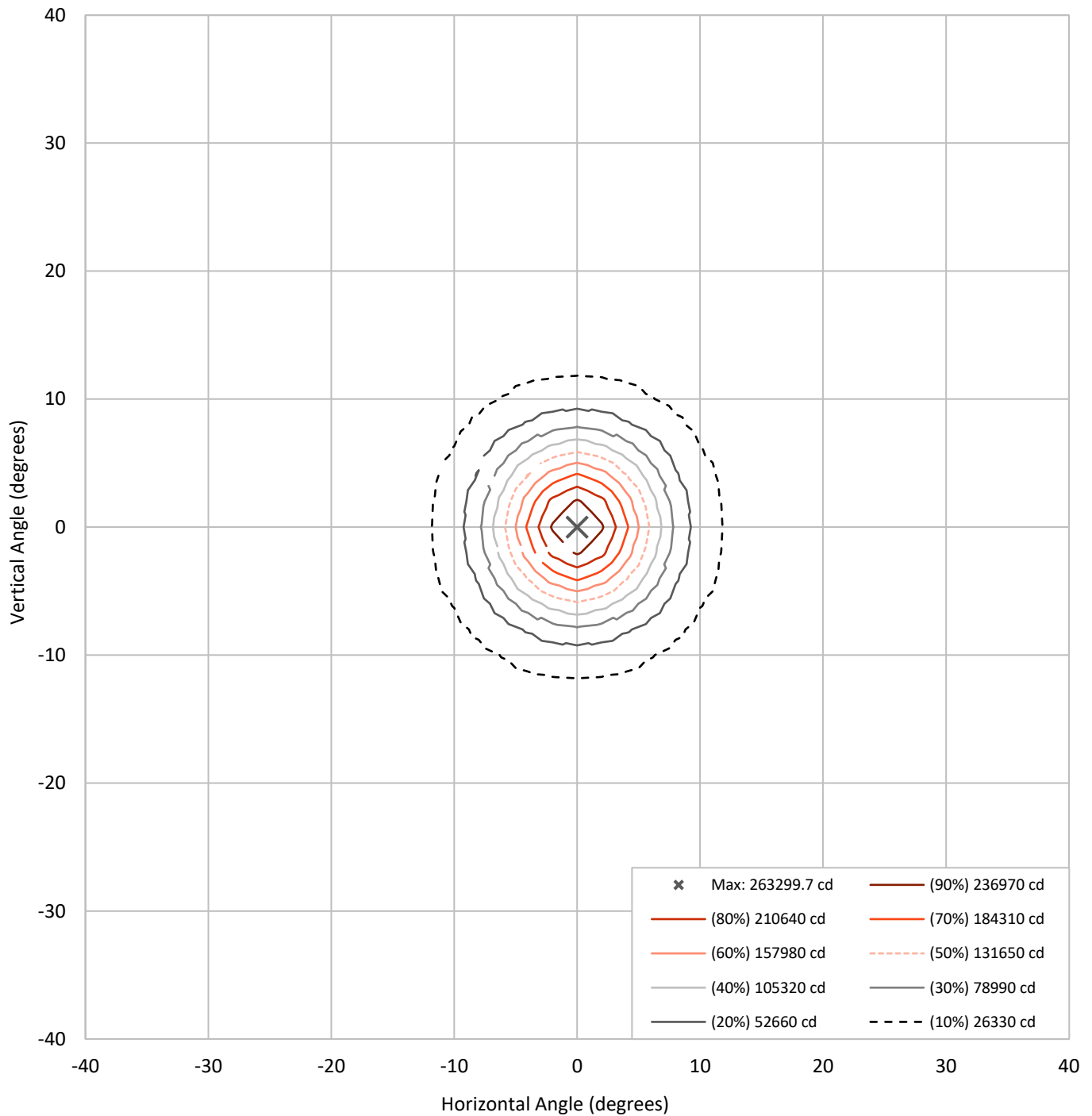
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 2H x 2V |
| Luminaire Lumens: | 17631.3 lumens | Max Intensity: | 263299.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 137.1 lumens/watt | | |
| Luminous Opening: | Rectangular (W 2' x L: 0.5' 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: | 4270.9 lumens | Field Lumens: | 9178.2 lumens |
| Beam Efficiency: | 24.2% | Field Efficiency: | 52.1% |

Input Watts (W): 128.6
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: P723358
CATALOG NUMBER: IFLD-M-SA4A-750-U-22

Iso-Candela Plot





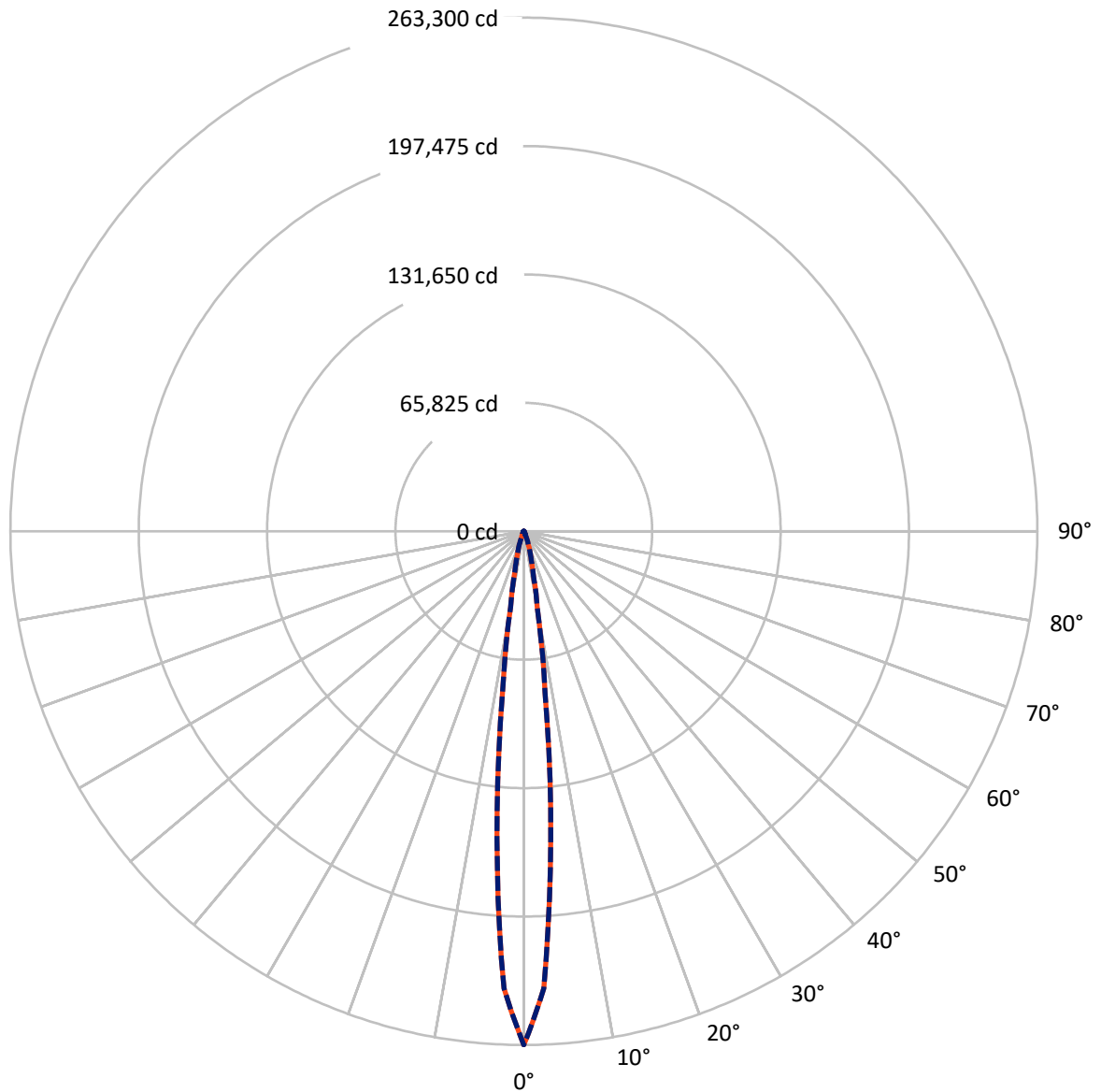
REPORT NUMBER: P723358
 CATALOG NUMBER: IFLD-M-SA4A-750-U-22

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | 0.6 | 3.7 | | 8.5 | | 12.7 | | 14.5 | | 12.7 | | 8.5 | | 3.7 | | 0.6 | | | |
| 80 | 0.6 | 3.7 | | 8.5 | | 12.7 | | 14.5 | | 12.7 | | 8.5 | | 3.7 | | 0.6 | | | |
| 70 | 1.7 | 1.6 | 2.9 | 4.5 | 6.1 | 7.4 | 8.2 | 8.7 | 8.7 | 8.2 | 7.4 | 6.1 | 4.5 | 2.9 | 1.6 | 1.7 | | | |
| 60 | | 2.2 | 4.1 | 6.0 | 7.6 | 8.8 | 9.6 | 10.0 | 10.0 | 9.6 | 8.8 | 7.6 | 6.0 | 4.1 | 2.2 | | | | |
| 50 | 2.5 | 2.7 | 4.9 | 6.8 | 8.3 | 9.7 | 11.1 | 12.1 | 12.1 | 11.1 | 9.7 | 8.3 | 6.8 | 4.9 | 2.7 | 2.5 | | | |
| 40 | | 3.2 | 5.4 | 7.2 | 9.2 | 12.3 | 15.8 | 18.1 | 18.1 | 15.8 | 12.3 | 9.2 | 7.2 | 5.4 | 3.2 | | | | |
| 30 | 3.1 | 3.5 | 5.6 | 7.6 | 11.2 | 17.0 | 32.2 | 61.7 | 61.7 | 32.2 | 17.0 | 11.2 | 7.6 | 5.6 | 3.5 | 3.1 | | | |
| 20 | | 3.6 | 5.7 | 8.1 | 13.4 | 30.4 | 149.1 | 416.7 | 416.7 | 149.1 | 30.4 | 13.4 | 8.1 | 5.7 | 3.6 | | | | |
| 10 | 3.3 | 3.7 | 5.8 | 8.6 | 15.0 | 56.7 | 406.2 | 2890.2 | 2890.2 | 406.2 | 56.7 | 15.0 | 8.6 | 5.8 | 3.7 | 3.3 | | | |
| 0 | | 3.7 | 5.8 | 8.6 | 15.0 | 56.7 | 406.2 | 2890.2 | 2890.2 | 406.2 | 56.7 | 15.0 | 8.6 | 5.8 | 3.7 | | | | |
| -10 | 3.1 | 3.6 | 5.7 | 8.1 | 13.4 | 30.4 | 149.1 | 416.7 | 416.7 | 149.1 | 30.4 | 13.4 | 8.1 | 5.7 | 3.6 | 3.1 | | | |
| -20 | | 3.5 | 5.6 | 7.6 | 11.2 | 17.0 | 32.2 | 61.7 | 61.7 | 32.2 | 17.0 | 11.2 | 7.6 | 5.6 | 3.5 | | | | |
| -30 | 2.5 | 3.2 | 5.4 | 7.2 | 9.2 | 12.3 | 15.8 | 18.1 | 18.1 | 15.8 | 12.3 | 9.2 | 7.2 | 5.4 | 3.2 | 2.5 | | | |
| -40 | | 2.7 | 4.9 | 6.8 | 8.3 | 9.7 | 11.1 | 12.1 | 12.1 | 11.1 | 9.7 | 8.3 | 6.8 | 4.9 | 2.7 | | | | |
| -50 | 1.7 | 2.2 | 4.1 | 6.0 | 7.6 | 8.8 | 9.6 | 10.0 | 10.0 | 9.6 | 8.8 | 7.6 | 6.0 | 4.1 | 2.2 | 1.7 | | | |
| -60 | | 1.6 | 2.9 | 4.5 | 6.1 | 7.4 | 8.2 | 8.7 | 8.7 | 8.2 | 7.4 | 6.1 | 4.5 | 2.9 | 1.6 | | | | |
| -70 | 0.6 | 3.7 | | 8.5 | | 12.7 | | 14.5 | | 12.7 | | 8.5 | | 3.7 | | 0.6 | | | |
| -80 | | 3.7 | | 8.5 | | 12.7 | | 14.5 | | 12.7 | | 8.5 | | 3.7 | | | | | |
| -90 | 0.6 | 3.7 | | 8.5 | | 12.7 | | 14.5 | | 12.7 | | 8.5 | | 3.7 | | 0.6 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P723358
CATALOG NUMBER: IFLD-M-SA4A-750-U-22

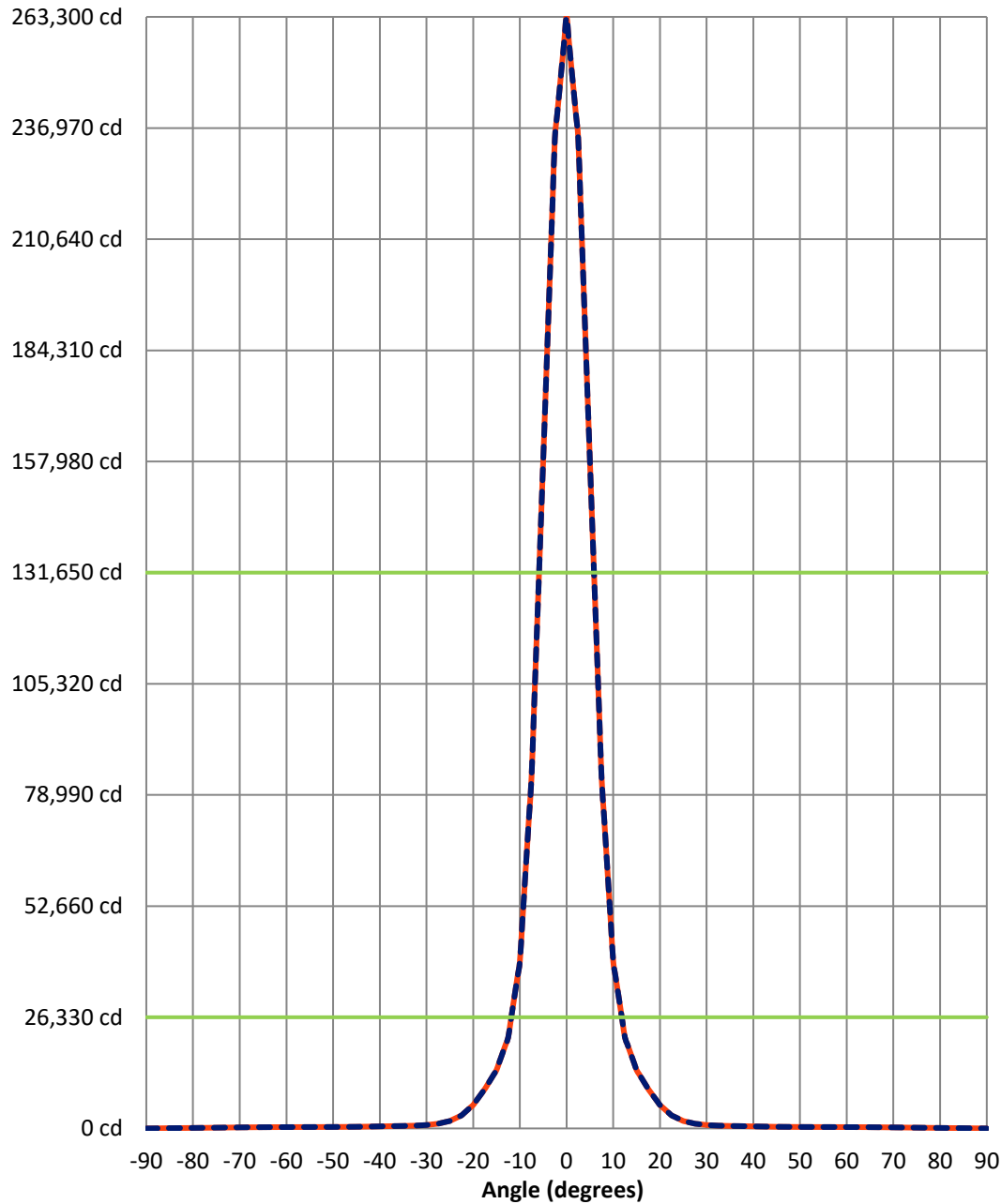
Luminous Intensity Polar Plot



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

REPORT NUMBER: P723358
CATALOG NUMBER: IFLD-M-SA4A-750-U-22

Luminous Intensity Plot



Beam:
H Angle: 11.8°
V Angle: 11.8°
Lumens: 4270.9
Efficiency: 24.2%

Field:
H Angle: 23.7°
V Angle: 23.7°
Lumens: 9178.2
Efficiency: 52.1%

Spill:
Lumens: 8453
Efficiency: 47.9%

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



REPORT NUMBER: P723358
 CATALOG NUMBER: IFLD-M-SA4A-750-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° | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 23.4 | 23.4 | 23.4 |
| 85° | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 65.1 | 65.1 | 65.1 | 62.5 | 62.5 | 59.8 |
| 82.5° | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 88.5 | 88.5 | 88.5 | 85.9 | 85.9 | 83.3 |
| 80° | 117.1 | 117.1 | 117.1 | 117.1 | 114.5 | 114.5 | 114.5 | 111.9 | 111.9 | 109.3 | 106.7 |
| 77.5° | 145.7 | 145.7 | 145.7 | 145.7 | 143.1 | 143.1 | 140.5 | 137.9 | 137.9 | 135.3 | 132.7 |
| 75° | 176.9 | 176.9 | 176.9 | 174.3 | 174.3 | 171.7 | 169.1 | 169.1 | 166.5 | 161.3 | 158.7 |
| 72.5° | 210.8 | 210.8 | 210.8 | 208.2 | 208.2 | 205.6 | 203.0 | 200.4 | 195.2 | 192.6 | 187.4 |
| 70° | 244.6 | 244.6 | 244.6 | 242.0 | 239.4 | 236.8 | 234.2 | 231.6 | 226.4 | 223.8 | 218.6 |
| 67.5° | 270.6 | 270.6 | 270.6 | 268.0 | 268.0 | 265.4 | 262.8 | 260.2 | 255.0 | 252.4 | 247.2 |
| 65° | 291.4 | 291.4 | 291.4 | 288.8 | 288.8 | 286.2 | 283.6 | 281.0 | 278.4 | 275.8 | 270.6 |
| 62.5° | 307.1 | 307.1 | 307.1 | 304.5 | 304.5 | 301.9 | 301.9 | 299.2 | 296.6 | 294.0 | 288.8 |
| 60° | 314.9 | 314.9 | 314.9 | 314.9 | 312.3 | 312.3 | 312.3 | 309.7 | 309.7 | 307.1 | 304.5 |
| 57.5° | 325.3 | 325.3 | 325.3 | 325.3 | 322.7 | 322.7 | 320.1 | 317.5 | 317.5 | 314.9 | 312.3 |
| 55° | 330.5 | 330.5 | 330.5 | 330.5 | 330.5 | 327.9 | 327.9 | 327.9 | 325.3 | 322.7 | 320.1 |
| 52.5° | 338.3 | 338.3 | 338.3 | 338.3 | 335.7 | 335.7 | 333.1 | 333.1 | 330.5 | 327.9 | 327.9 |
| 50° | 348.7 | 348.7 | 348.7 | 346.1 | 346.1 | 343.5 | 340.9 | 338.3 | 338.3 | 335.7 | 333.1 |
| 47.5° | 364.3 | 364.3 | 364.3 | 361.7 | 359.1 | 356.5 | 353.9 | 348.7 | 346.1 | 343.5 | 338.3 |
| 45° | 387.7 | 387.7 | 385.1 | 382.5 | 379.9 | 374.7 | 369.5 | 364.3 | 359.1 | 353.9 | 348.7 |
| 42.5° | 434.6 | 434.6 | 429.4 | 424.2 | 416.3 | 405.9 | 395.5 | 385.1 | 377.3 | 369.5 | 361.7 |
| 40° | 489.2 | 489.2 | 484.0 | 476.2 | 465.8 | 455.4 | 439.8 | 424.2 | 408.5 | 387.7 | 377.3 |
| 37.5° | 543.9 | 543.9 | 538.6 | 530.8 | 520.4 | 504.8 | 489.2 | 471.0 | 450.2 | 426.8 | 405.9 |
| 35° | 585.5 | 585.5 | 580.3 | 575.1 | 564.7 | 554.3 | 538.6 | 520.4 | 497.0 | 471.0 | 445.0 |
| 32.5° | 658.3 | 658.3 | 647.9 | 634.9 | 619.3 | 598.5 | 577.7 | 562.1 | 543.9 | 515.2 | 486.6 |
| 30° | 806.7 | 806.7 | 783.3 | 757.2 | 718.2 | 671.4 | 637.5 | 606.3 | 577.7 | 554.3 | 525.6 |
| 27.5° | 1118.9 | 1105.9 | 1066.9 | 1001.8 | 916.0 | 806.7 | 744.2 | 674.0 | 627.1 | 585.5 | 559.5 |
| 25° | 1764.3 | 1733.0 | 1644.6 | 1498.8 | 1298.5 | 1085.1 | 944.6 | 796.3 | 710.4 | 640.1 | 593.3 |
| 22.5° | 3086.2 | 3015.9 | 2810.3 | 2474.7 | 2019.3 | 1613.3 | 1293.3 | 1027.9 | 837.9 | 723.4 | 640.1 |
| 20° | 5547.8 | 5402.1 | 4964.9 | 4262.3 | 3315.2 | 2583.9 | 1863.1 | 1418.2 | 1056.5 | 837.9 | 710.4 |
| 17.5° | 9331.4 | 9071.1 | 8303.5 | 7072.7 | 5547.8 | 4176.5 | 2878.0 | 2001.1 | 1418.2 | 1027.9 | 796.3 |
| 15° | 13827.9 | 13463.6 | 12401.9 | 10713.1 | 8628.8 | 6406.5 | 4473.1 | 2878.0 | 1863.1 | 1293.3 | 944.6 |
| 12.5° | 21551.1 | 20799.1 | 18621.1 | 15227.8 | 12105.3 | 9170.0 | 6406.5 | 4176.5 | 2583.9 | 1613.3 | 1085.1 |
| 10° | 39542.4 | 37348.8 | 31129.7 | 21715.0 | 16588.8 | 12105.3 | 8628.8 | 5547.8 | 3315.2 | 2019.3 | 1298.5 |
| 7.5° | 83204.1 | 73453.8 | 53024.2 | 35285.3 | 21715.0 | 15227.8 | 10713.1 | 7072.7 | 4262.3 | 2474.7 | 1498.8 |
| 5° | 158219.2 | 138302.3 | 95288.6 | 53024.2 | 31129.7 | 18621.1 | 12401.9 | 8303.5 | 4964.9 | 2810.3 | 1644.6 |
| 2.5° | 234551.0 | 207017.6 | 138302.3 | 73453.8 | 37348.8 | 20799.1 | 13463.6 | 9071.1 | 5402.1 | 3015.9 | 1733.0 |
| 0° | 263299.7 | 234551.0 | 158219.2 | 83204.1 | 39542.4 | 21551.1 | 13827.9 | 9331.4 | 5547.8 | 3086.2 | 1764.3 |



REPORT NUMBER: P723358
 CATALOG NUMBER: IFLD-M-SA4A-750-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° | 23.4 | 23.4 | 20.8 | 20.8 | 20.8 | 20.8 | 18.2 | 18.2 | 18.2 | 15.6 | 15.6 |
| 85° | 57.2 | 57.2 | 54.6 | 52.0 | 49.4 | 49.4 | 46.8 | 44.2 | 41.6 | 39.0 | 33.8 |
| 82.5° | 83.3 | 80.7 | 80.7 | 78.1 | 75.5 | 75.5 | 72.9 | 70.3 | 67.7 | 65.1 | 59.8 |
| 80° | 104.1 | 104.1 | 101.5 | 98.9 | 96.3 | 93.7 | 88.5 | 85.9 | 83.3 | 80.7 | 78.1 |
| 77.5° | 130.1 | 127.5 | 122.3 | 119.7 | 117.1 | 111.9 | 109.3 | 104.1 | 101.5 | 96.3 | 91.1 |
| 75° | 156.1 | 150.9 | 148.3 | 143.1 | 137.9 | 132.7 | 127.5 | 122.3 | 117.1 | 111.9 | 106.7 |
| 72.5° | 182.2 | 176.9 | 174.3 | 166.5 | 161.3 | 156.1 | 148.3 | 143.1 | 137.9 | 130.1 | 122.3 |
| 70° | 213.4 | 208.2 | 200.4 | 195.2 | 187.4 | 179.5 | 171.7 | 163.9 | 156.1 | 148.3 | 140.5 |
| 67.5° | 242.0 | 236.8 | 229.0 | 221.2 | 213.4 | 205.6 | 195.2 | 187.4 | 176.9 | 166.5 | 158.7 |
| 65° | 265.4 | 260.2 | 255.0 | 247.2 | 239.4 | 229.0 | 218.6 | 208.2 | 197.8 | 187.4 | 176.9 |
| 62.5° | 283.6 | 278.4 | 273.2 | 268.0 | 260.2 | 252.4 | 244.6 | 231.6 | 221.2 | 208.2 | 195.2 |
| 60° | 299.2 | 296.6 | 291.4 | 283.6 | 278.4 | 270.6 | 262.8 | 252.4 | 242.0 | 226.4 | 213.4 |
| 57.5° | 309.7 | 307.1 | 304.5 | 299.2 | 294.0 | 286.2 | 278.4 | 268.0 | 257.6 | 247.2 | 231.6 |
| 55° | 317.5 | 314.9 | 312.3 | 309.7 | 304.5 | 299.2 | 291.4 | 283.6 | 273.2 | 262.8 | 249.8 |
| 52.5° | 325.3 | 322.7 | 317.5 | 314.9 | 312.3 | 307.1 | 301.9 | 294.0 | 286.2 | 275.8 | 262.8 |
| 50° | 330.5 | 327.9 | 325.3 | 322.7 | 317.5 | 312.3 | 309.7 | 304.5 | 296.6 | 286.2 | 275.8 |
| 47.5° | 335.7 | 333.1 | 330.5 | 327.9 | 325.3 | 320.1 | 314.9 | 309.7 | 304.5 | 296.6 | 286.2 |
| 45° | 343.5 | 338.3 | 335.7 | 330.5 | 327.9 | 325.3 | 320.1 | 314.9 | 309.7 | 304.5 | 294.0 |
| 42.5° | 353.9 | 346.1 | 343.5 | 338.3 | 333.1 | 330.5 | 325.3 | 320.1 | 314.9 | 309.7 | 301.9 |
| 40° | 366.9 | 359.1 | 351.3 | 343.5 | 338.3 | 333.1 | 330.5 | 325.3 | 320.1 | 312.3 | 307.1 |
| 37.5° | 385.1 | 372.1 | 361.7 | 351.3 | 343.5 | 338.3 | 333.1 | 327.9 | 325.3 | 317.5 | 312.3 |
| 35° | 418.9 | 390.3 | 374.7 | 361.7 | 351.3 | 343.5 | 338.3 | 330.5 | 327.9 | 322.7 | 314.9 |
| 32.5° | 455.4 | 424.2 | 392.9 | 374.7 | 361.7 | 351.3 | 343.5 | 335.7 | 330.5 | 325.3 | 317.5 |
| 30° | 494.4 | 458.0 | 424.2 | 390.3 | 372.1 | 359.1 | 346.1 | 338.3 | 333.1 | 327.9 | 322.7 |
| 27.5° | 530.8 | 494.4 | 455.4 | 418.9 | 385.1 | 366.9 | 353.9 | 343.5 | 335.7 | 330.5 | 325.3 |
| 25° | 559.5 | 525.6 | 486.6 | 445.0 | 405.9 | 377.3 | 361.7 | 348.7 | 338.3 | 333.1 | 327.9 |
| 22.5° | 585.5 | 554.3 | 515.2 | 471.0 | 426.8 | 387.7 | 369.5 | 353.9 | 343.5 | 335.7 | 327.9 |
| 20° | 627.1 | 577.7 | 543.9 | 497.0 | 450.2 | 408.5 | 377.3 | 359.1 | 346.1 | 338.3 | 330.5 |
| 17.5° | 674.0 | 606.3 | 562.1 | 520.4 | 471.0 | 424.2 | 385.1 | 364.3 | 348.7 | 338.3 | 333.1 |
| 15° | 744.2 | 637.5 | 577.7 | 538.6 | 489.2 | 439.8 | 395.5 | 369.5 | 353.9 | 340.9 | 333.1 |
| 12.5° | 806.7 | 671.4 | 598.5 | 554.3 | 504.8 | 455.4 | 405.9 | 374.7 | 356.5 | 343.5 | 335.7 |
| 10° | 916.0 | 718.2 | 619.3 | 564.7 | 520.4 | 465.8 | 416.3 | 379.9 | 359.1 | 346.1 | 335.7 |
| 7.5° | 1001.8 | 757.2 | 634.9 | 575.1 | 530.8 | 476.2 | 424.2 | 382.5 | 361.7 | 346.1 | 338.3 |
| 5° | 1066.9 | 783.3 | 647.9 | 580.3 | 538.6 | 484.0 | 429.4 | 385.1 | 364.3 | 348.7 | 338.3 |
| 2.5° | 1105.9 | 806.7 | 658.3 | 585.5 | 543.9 | 489.2 | 434.6 | 387.7 | 364.3 | 348.7 | 338.3 |
| 0° | 1118.9 | 806.7 | 658.3 | 585.5 | 543.9 | 489.2 | 434.6 | 387.7 | 364.3 | 348.7 | 338.3 |



REPORT NUMBER: P723358
 CATALOG NUMBER: IFLD-M-SA4A-750-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° | 15.6 | 13.0 | 13.0 | 13.0 | 10.4 | 10.4 | 7.8 | 7.8 | 7.8 | 5.2 | 5.2 |
| 85° | 31.2 | 28.6 | 26.0 | 23.4 | 20.8 | 20.8 | 18.2 | 15.6 | 13.0 | 10.4 | 7.8 |
| 82.5° | 54.6 | 52.0 | 46.8 | 41.6 | 36.4 | 31.2 | 26.0 | 23.4 | 20.8 | 15.6 | 13.0 |
| 80° | 75.5 | 70.3 | 67.7 | 59.8 | 54.6 | 46.8 | 41.6 | 33.8 | 26.0 | 23.4 | 18.2 |
| 77.5° | 88.5 | 83.3 | 78.1 | 75.5 | 70.3 | 62.5 | 54.6 | 46.8 | 39.0 | 28.6 | 23.4 |
| 75° | 101.5 | 96.3 | 91.1 | 85.9 | 80.7 | 72.9 | 67.7 | 59.8 | 49.4 | 39.0 | 26.0 |
| 72.5° | 117.1 | 109.3 | 104.1 | 96.3 | 88.5 | 83.3 | 75.5 | 70.3 | 59.8 | 46.8 | 33.8 |
| 70° | 132.7 | 124.9 | 114.5 | 106.7 | 98.9 | 91.1 | 83.3 | 75.5 | 67.7 | 54.6 | 41.6 |
| 67.5° | 148.3 | 137.9 | 130.1 | 119.7 | 109.3 | 101.5 | 91.1 | 83.3 | 72.9 | 62.5 | 46.8 |
| 65° | 163.9 | 153.5 | 143.1 | 132.7 | 119.7 | 109.3 | 98.9 | 88.5 | 80.7 | 70.3 | 54.6 |
| 62.5° | 182.2 | 169.1 | 156.1 | 143.1 | 132.7 | 119.7 | 106.7 | 96.3 | 85.9 | 75.5 | 59.8 |
| 60° | 200.4 | 184.8 | 169.1 | 156.1 | 143.1 | 130.1 | 114.5 | 104.1 | 91.1 | 78.1 | 67.7 |
| 57.5° | 216.0 | 200.4 | 184.8 | 169.1 | 153.5 | 137.9 | 124.9 | 109.3 | 96.3 | 83.3 | 70.3 |
| 55° | 234.2 | 216.0 | 200.4 | 182.2 | 163.9 | 148.3 | 132.7 | 117.1 | 101.5 | 88.5 | 75.5 |
| 52.5° | 249.8 | 231.6 | 213.4 | 195.2 | 176.9 | 158.7 | 140.5 | 122.3 | 106.7 | 91.1 | 78.1 |
| 50° | 262.8 | 247.2 | 226.4 | 208.2 | 187.4 | 166.5 | 148.3 | 130.1 | 111.9 | 96.3 | 80.7 |
| 47.5° | 273.2 | 257.6 | 242.0 | 221.2 | 197.8 | 176.9 | 156.1 | 137.9 | 117.1 | 101.5 | 83.3 |
| 45° | 283.6 | 268.0 | 252.4 | 231.6 | 208.2 | 187.4 | 163.9 | 143.1 | 122.3 | 104.1 | 85.9 |
| 42.5° | 291.4 | 278.4 | 262.8 | 244.6 | 218.6 | 195.2 | 171.7 | 148.3 | 127.5 | 109.3 | 88.5 |
| 40° | 299.2 | 286.2 | 270.6 | 252.4 | 229.0 | 205.6 | 179.5 | 156.1 | 132.7 | 111.9 | 93.7 |
| 37.5° | 304.5 | 294.0 | 278.4 | 260.2 | 239.4 | 213.4 | 187.4 | 161.3 | 137.9 | 117.1 | 96.3 |
| 35° | 309.7 | 299.2 | 283.6 | 268.0 | 247.2 | 221.2 | 195.2 | 166.5 | 143.1 | 119.7 | 98.9 |
| 32.5° | 312.3 | 304.5 | 291.4 | 273.2 | 255.0 | 229.0 | 200.4 | 174.3 | 148.3 | 122.3 | 101.5 |
| 30° | 314.9 | 307.1 | 296.6 | 278.4 | 260.2 | 236.8 | 208.2 | 176.9 | 150.9 | 127.5 | 104.1 |
| 27.5° | 317.5 | 309.7 | 299.2 | 283.6 | 265.4 | 242.0 | 213.4 | 182.2 | 156.1 | 130.1 | 104.1 |
| 25° | 320.1 | 312.3 | 304.5 | 288.8 | 270.6 | 247.2 | 218.6 | 187.4 | 158.7 | 132.7 | 106.7 |
| 22.5° | 322.7 | 314.9 | 307.1 | 294.0 | 275.8 | 252.4 | 223.8 | 192.6 | 161.3 | 135.3 | 109.3 |
| 20° | 325.3 | 317.5 | 309.7 | 296.6 | 278.4 | 255.0 | 226.4 | 195.2 | 166.5 | 137.9 | 111.9 |
| 17.5° | 327.9 | 317.5 | 309.7 | 299.2 | 281.0 | 260.2 | 231.6 | 200.4 | 169.1 | 137.9 | 111.9 |
| 15° | 327.9 | 320.1 | 312.3 | 301.9 | 283.6 | 262.8 | 234.2 | 203.0 | 169.1 | 140.5 | 114.5 |
| 12.5° | 327.9 | 322.7 | 312.3 | 301.9 | 286.2 | 265.4 | 236.8 | 205.6 | 171.7 | 143.1 | 114.5 |
| 10° | 330.5 | 322.7 | 312.3 | 304.5 | 288.8 | 268.0 | 239.4 | 208.2 | 174.3 | 143.1 | 114.5 |
| 7.5° | 330.5 | 325.3 | 314.9 | 304.5 | 288.8 | 268.0 | 242.0 | 208.2 | 174.3 | 145.7 | 117.1 |
| 5° | 330.5 | 325.3 | 314.9 | 307.1 | 291.4 | 270.6 | 244.6 | 210.8 | 176.9 | 145.7 | 117.1 |
| 2.5° | 330.5 | 325.3 | 314.9 | 307.1 | 291.4 | 270.6 | 244.6 | 210.8 | 176.9 | 145.7 | 117.1 |
| 0° | 330.5 | 325.3 | 314.9 | 307.1 | 291.4 | 270.6 | 244.6 | 210.8 | 176.9 | 145.7 | 117.1 |



REPORT NUMBER: P723358
 CATALOG NUMBER: IFLD-M-SA4A-750-U-22

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.6 | 2.6 | 0.0 | 0.0 |
| 85° | 7.8 | 5.2 | 2.6 | 0.0 |
| 82.5° | 10.4 | 7.8 | 2.6 | 0.0 |
| 80° | 13.0 | 7.8 | 5.2 | 0.0 |
| 77.5° | 15.6 | 10.4 | 5.2 | 0.0 |
| 75° | 20.8 | 13.0 | 7.8 | 0.0 |
| 72.5° | 23.4 | 15.6 | 7.8 | 0.0 |
| 70° | 26.0 | 18.2 | 7.8 | 0.0 |
| 67.5° | 31.2 | 20.8 | 10.4 | 0.0 |
| 65° | 36.4 | 20.8 | 10.4 | 0.0 |
| 62.5° | 41.6 | 23.4 | 13.0 | 0.0 |
| 60° | 46.8 | 26.0 | 13.0 | 0.0 |
| 57.5° | 52.0 | 28.6 | 13.0 | 0.0 |
| 55° | 54.6 | 31.2 | 15.6 | 0.0 |
| 52.5° | 59.8 | 33.8 | 15.6 | 0.0 |
| 50° | 65.1 | 39.0 | 15.6 | 0.0 |
| 47.5° | 67.7 | 41.6 | 18.2 | 0.0 |
| 45° | 70.3 | 44.2 | 18.2 | 0.0 |
| 42.5° | 72.9 | 46.8 | 18.2 | 0.0 |
| 40° | 75.5 | 49.4 | 20.8 | 0.0 |
| 37.5° | 75.5 | 49.4 | 20.8 | 0.0 |
| 35° | 78.1 | 52.0 | 20.8 | 0.0 |
| 32.5° | 80.7 | 54.6 | 20.8 | 0.0 |
| 30° | 80.7 | 57.2 | 23.4 | 0.0 |
| 27.5° | 83.3 | 57.2 | 23.4 | 0.0 |
| 25° | 83.3 | 59.8 | 23.4 | 0.0 |
| 22.5° | 85.9 | 62.5 | 23.4 | 0.0 |
| 20° | 85.9 | 62.5 | 23.4 | 0.0 |
| 17.5° | 88.5 | 65.1 | 26.0 | 0.0 |
| 15° | 88.5 | 65.1 | 26.0 | 0.0 |
| 12.5° | 88.5 | 65.1 | 26.0 | 0.0 |
| 10° | 91.1 | 67.7 | 26.0 | 0.0 |
| 7.5° | 91.1 | 67.7 | 26.0 | 0.0 |
| 5° | 91.1 | 67.7 | 26.0 | 0.0 |
| 2.5° | 91.1 | 67.7 | 26.0 | 0.0 |
| 0° | 91.1 | 67.7 | 26.0 | 0.0 |

(END OF REPORT)