

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: P723289

Luminaire Tested: **IFLD-S-SA2E-735-U-22**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723289
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-735-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

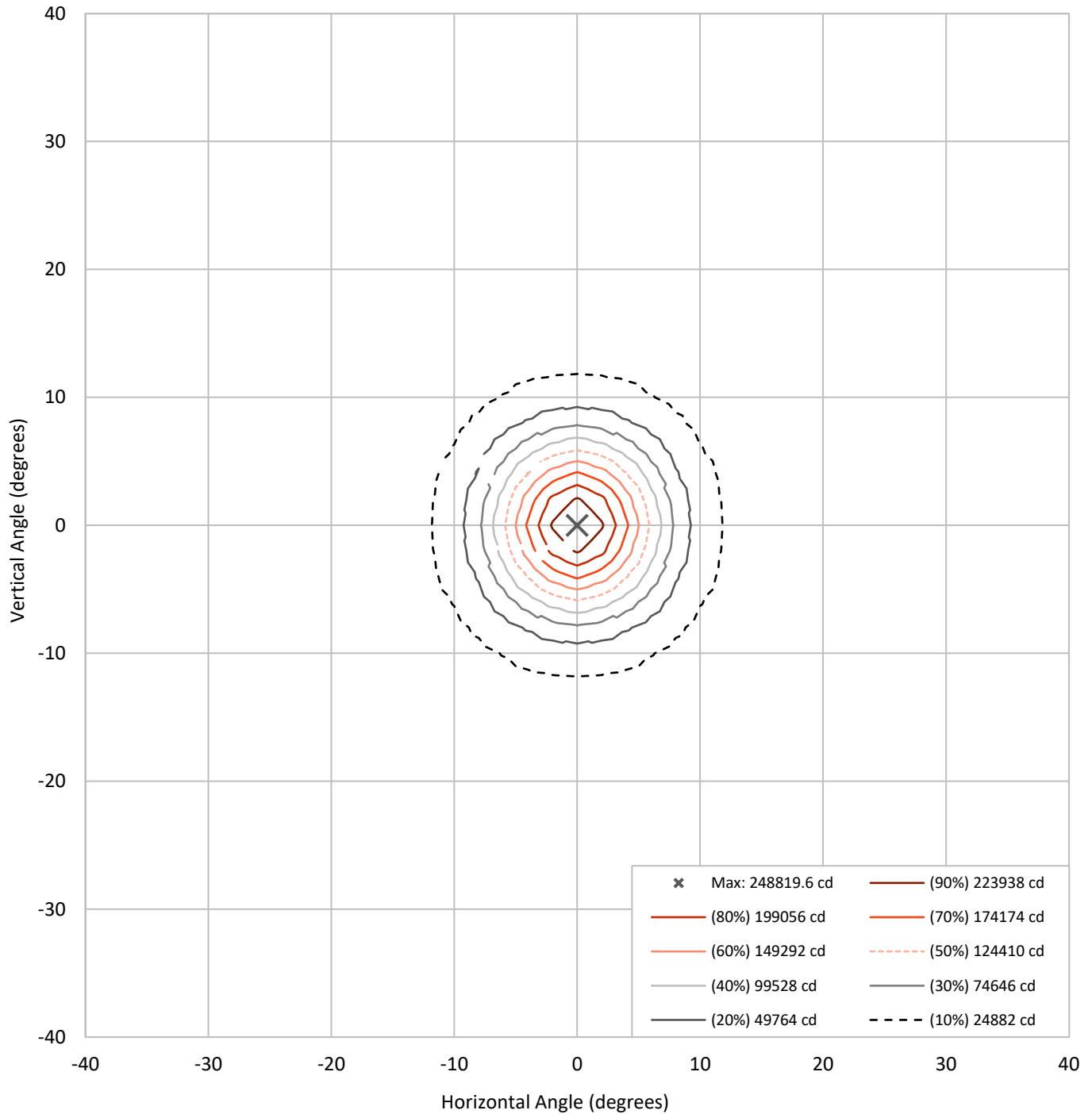
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 2H x 2V |
| Luminaire Lumens: | 16661.6 lumens | Max Intensity: | 248819.6 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 106.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' 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: | 4036 lumens | Field Lumens: | 8673.5 lumens |
| Beam Efficiency: | 24.2% | Field Efficiency: | 52.1% |

Input Watts (W): 156.2
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: P723289
CATALOG NUMBER: IFLD-S-SA2E-735-U-22

Iso-Candela Plot





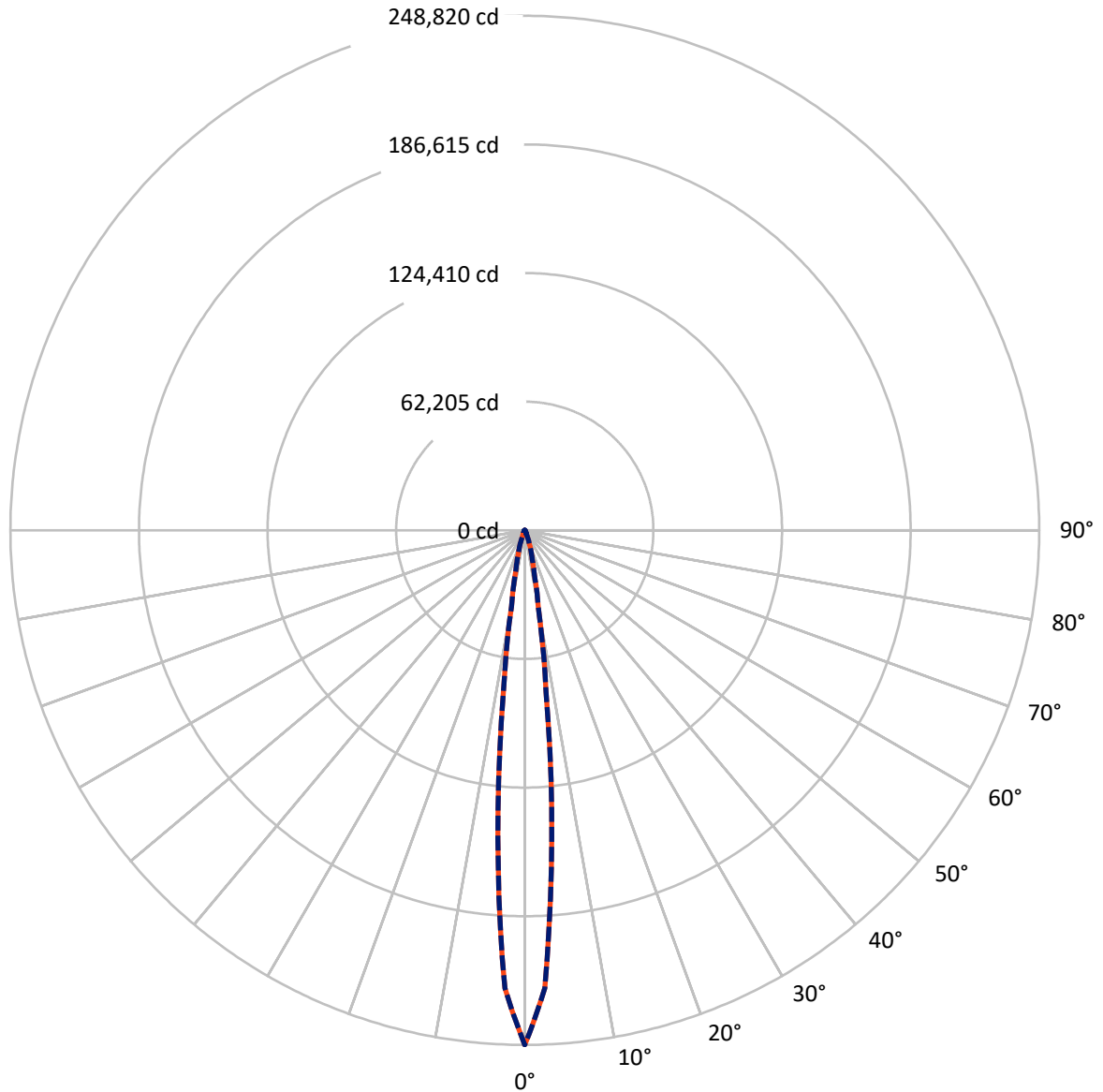
REPORT NUMBER: P723289
 CATALOG NUMBER: IFLD-S-SA2E-735-U-22

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | 0.5 | 3.5 | | 8.0 | | 12.0 | | 13.7 | | 12.0 | | 8.0 | | 3.5 | | 0.5 | | | |
| 80 | 0.5 | 3.5 | | 8.0 | | 12.0 | | 13.7 | | 12.0 | | 8.0 | | 3.5 | | 0.5 | | | |
| 70 | 1.6 | 1.5 | 2.7 | 4.3 | 5.7 | 7.0 | 7.8 | 8.2 | 8.2 | 7.8 | 7.0 | 5.7 | 4.3 | 2.7 | 1.5 | 1.6 | | | |
| 60 | | 2.0 | 3.8 | 5.7 | 7.2 | 8.3 | 9.1 | 9.5 | 9.5 | 9.1 | 8.3 | 7.2 | 5.7 | 3.8 | 2.0 | | | | |
| 50 | 2.4 | 2.6 | 4.6 | 6.4 | 7.8 | 9.2 | 10.5 | 11.4 | 11.4 | 10.5 | 9.2 | 7.8 | 6.4 | 4.6 | 2.6 | 2.4 | | | |
| 40 | | 3.0 | 5.1 | 6.8 | 8.7 | 11.7 | 14.9 | 17.1 | 17.1 | 14.9 | 11.7 | 8.7 | 6.8 | 5.1 | 3.0 | | | | |
| 30 | 2.9 | 3.3 | 5.3 | 7.2 | 10.6 | 16.1 | 30.5 | 58.3 | 58.3 | 30.5 | 16.1 | 10.6 | 7.2 | 5.3 | 3.3 | 2.9 | | | |
| 20 | | 3.4 | 5.4 | 7.7 | 12.7 | 28.7 | 140.9 | 393.8 | 393.8 | 140.9 | 28.7 | 12.7 | 7.7 | 5.4 | 3.4 | | | | |
| 10 | 3.1 | 3.5 | 5.5 | 8.1 | 14.1 | 53.6 | 383.8 | 2731.3 | 2731.3 | 383.8 | 53.6 | 14.1 | 8.1 | 5.5 | 3.5 | 3.1 | | | |
| 0 | | 3.5 | 5.5 | 8.1 | 14.1 | 53.6 | 383.8 | 2731.3 | 2731.3 | 383.8 | 53.6 | 14.1 | 8.1 | 5.5 | 3.5 | | | | |
| -10 | 2.9 | 3.4 | 5.4 | 7.7 | 12.7 | 28.7 | 140.9 | 393.8 | 393.8 | 140.9 | 28.7 | 12.7 | 7.7 | 5.4 | 3.4 | 2.9 | | | |
| -20 | | 3.3 | 5.3 | 7.2 | 10.6 | 16.1 | 30.5 | 58.3 | 58.3 | 30.5 | 16.1 | 10.6 | 7.2 | 5.3 | 3.3 | | | | |
| -30 | 2.4 | 3.0 | 5.1 | 6.8 | 8.7 | 11.7 | 14.9 | 17.1 | 17.1 | 14.9 | 11.7 | 8.7 | 6.8 | 5.1 | 3.0 | 2.4 | | | |
| -40 | | 2.6 | 4.6 | 6.4 | 7.8 | 9.2 | 10.5 | 11.4 | 11.4 | 10.5 | 9.2 | 7.8 | 6.4 | 4.6 | 2.6 | | | | |
| -50 | 1.6 | 2.0 | 3.8 | 5.7 | 7.2 | 8.3 | 9.1 | 9.5 | 9.5 | 9.1 | 8.3 | 7.2 | 5.7 | 3.8 | 2.0 | 1.6 | | | |
| -60 | | 1.5 | 2.7 | 4.3 | 5.7 | 7.0 | 7.8 | 8.2 | 8.2 | 7.8 | 7.0 | 5.7 | 4.3 | 2.7 | 1.5 | | | | |
| -70 | 0.5 | 3.5 | | 8.0 | | 12.0 | | 13.7 | | 12.0 | | 8.0 | | 3.5 | | 0.5 | | | |
| -80 | | 3.5 | | 8.0 | | 12.0 | | 13.7 | | 12.0 | | 8.0 | | 3.5 | | | | | |
| -90 | 0.5 | 3.5 | | 8.0 | | 12.0 | | 13.7 | | 12.0 | | 8.0 | | 3.5 | | 0.5 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P723289
CATALOG NUMBER: IFLD-S-SA2E-735-U-22

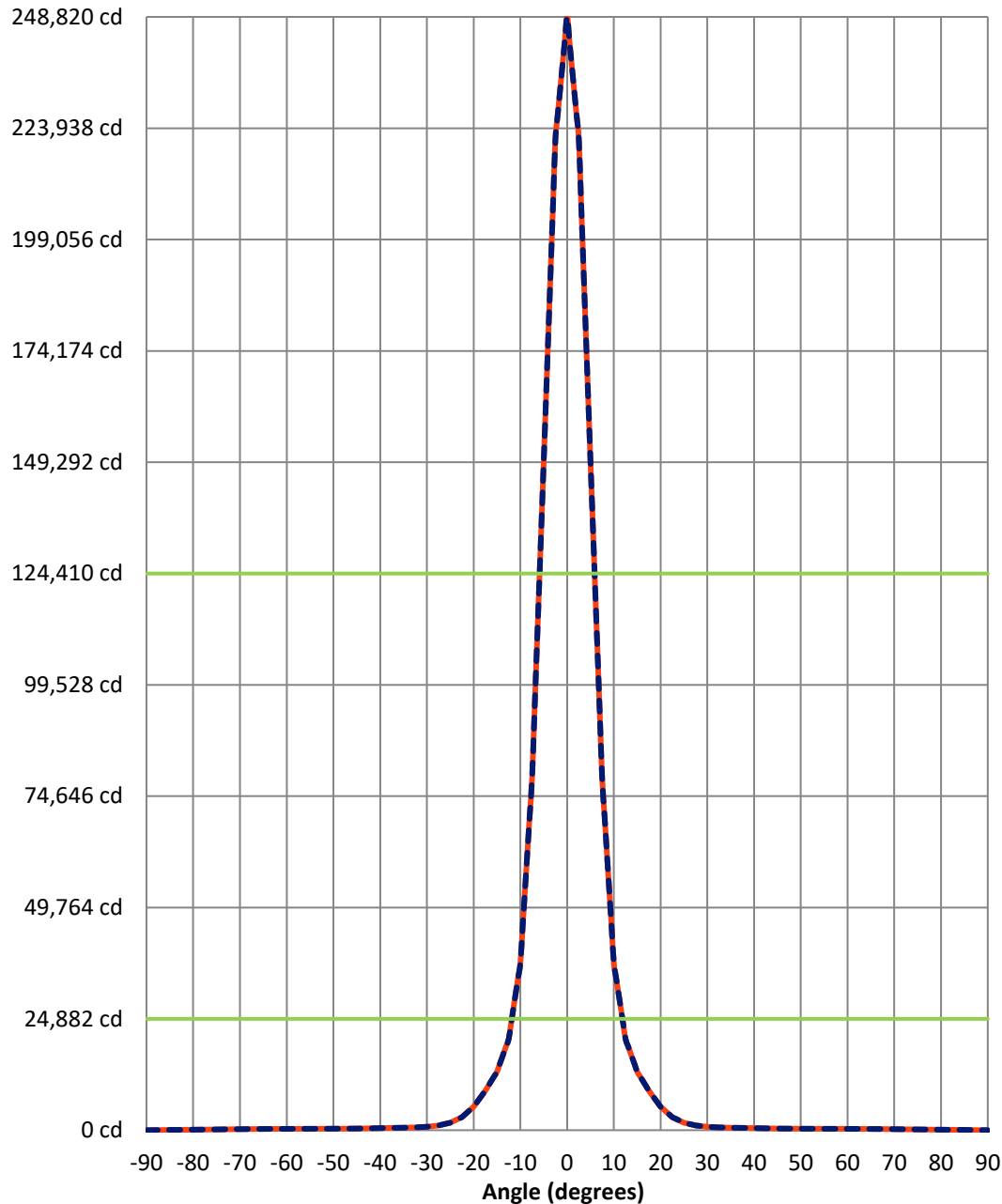
Luminous Intensity Polar Plot



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

REPORT NUMBER: P723289
CATALOG NUMBER: IFLD-S-SA2E-735-U-22

Luminous Intensity Plot



Beam:
H Angle: 11.8°
V Angle: 11.8°
Lumens: 4036
Efficiency: 24.2%

Field:
H Angle: 23.7°
V Angle: 23.7°
Lumens: 8673.5
Efficiency: 52.1%

Spill:
Lumens: 7988.1
Efficiency: 47.9%

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



REPORT NUMBER: P723289
 CATALOG NUMBER: IFLD-S-SA2E-735-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° | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 24.6 | 22.1 | 22.1 | 22.1 |
| 85° | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 61.5 | 61.5 | 61.5 | 59.0 | 59.0 | 56.6 |
| 82.5° | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 83.6 | 83.6 | 83.6 | 81.1 | 81.1 | 78.7 |
| 80° | 110.7 | 110.7 | 110.7 | 110.7 | 108.2 | 108.2 | 108.2 | 105.7 | 105.7 | 103.3 | 100.8 |
| 77.5° | 137.7 | 137.7 | 137.7 | 137.7 | 135.2 | 135.2 | 132.8 | 130.3 | 130.3 | 127.9 | 125.4 |
| 75° | 167.2 | 167.2 | 167.2 | 164.8 | 164.8 | 162.3 | 159.8 | 159.8 | 157.4 | 152.5 | 150.0 |
| 72.5° | 199.2 | 199.2 | 199.2 | 196.7 | 196.7 | 194.3 | 191.8 | 189.3 | 184.4 | 182.0 | 177.1 |
| 70° | 231.2 | 231.2 | 231.2 | 228.7 | 226.2 | 223.8 | 221.3 | 218.9 | 213.9 | 211.5 | 206.6 |
| 67.5° | 255.7 | 255.7 | 255.7 | 253.3 | 253.3 | 250.8 | 248.4 | 245.9 | 241.0 | 238.5 | 233.6 |
| 65° | 275.4 | 275.4 | 275.4 | 273.0 | 273.0 | 270.5 | 268.0 | 265.6 | 263.1 | 260.7 | 255.7 |
| 62.5° | 290.2 | 290.2 | 290.2 | 287.7 | 287.7 | 285.3 | 285.3 | 282.8 | 280.3 | 277.9 | 273.0 |
| 60° | 297.5 | 297.5 | 297.5 | 297.5 | 295.1 | 295.1 | 295.1 | 292.6 | 292.6 | 290.2 | 287.7 |
| 57.5° | 307.4 | 307.4 | 307.4 | 307.4 | 304.9 | 304.9 | 302.5 | 300.0 | 300.0 | 297.5 | 295.1 |
| 55° | 312.3 | 312.3 | 312.3 | 312.3 | 312.3 | 309.8 | 309.8 | 309.8 | 307.4 | 304.9 | 302.5 |
| 52.5° | 319.7 | 319.7 | 319.7 | 319.7 | 317.2 | 317.2 | 314.8 | 314.8 | 312.3 | 309.8 | 309.8 |
| 50° | 329.5 | 329.5 | 329.5 | 327.1 | 327.1 | 324.6 | 322.1 | 319.7 | 319.7 | 317.2 | 314.8 |
| 47.5° | 344.3 | 344.3 | 344.3 | 341.8 | 339.3 | 336.9 | 334.4 | 329.5 | 327.1 | 324.6 | 319.7 |
| 45° | 366.4 | 366.4 | 363.9 | 361.5 | 359.0 | 354.1 | 349.2 | 344.3 | 339.3 | 334.4 | 329.5 |
| 42.5° | 410.7 | 410.7 | 405.7 | 400.8 | 393.4 | 383.6 | 373.8 | 363.9 | 356.6 | 349.2 | 341.8 |
| 40° | 462.3 | 462.3 | 457.4 | 450.0 | 440.2 | 430.3 | 415.6 | 400.8 | 386.1 | 366.4 | 356.6 |
| 37.5° | 513.9 | 513.9 | 509.0 | 501.6 | 491.8 | 477.1 | 462.3 | 445.1 | 425.4 | 403.3 | 383.6 |
| 35° | 553.3 | 553.3 | 548.4 | 543.5 | 533.6 | 523.8 | 509.0 | 491.8 | 469.7 | 445.1 | 420.5 |
| 32.5° | 622.1 | 622.1 | 612.3 | 600.0 | 585.3 | 565.6 | 545.9 | 531.2 | 513.9 | 486.9 | 459.8 |
| 30° | 762.3 | 762.3 | 740.2 | 715.6 | 678.7 | 634.4 | 602.5 | 573.0 | 545.9 | 523.8 | 496.7 |
| 27.5° | 1057.4 | 1045.1 | 1008.2 | 946.7 | 865.6 | 762.3 | 703.3 | 636.9 | 592.6 | 553.3 | 528.7 |
| 25° | 1667.2 | 1637.7 | 1554.1 | 1416.4 | 1227.1 | 1025.4 | 892.6 | 752.5 | 671.3 | 604.9 | 560.7 |
| 22.5° | 2916.4 | 2850.0 | 2655.8 | 2338.6 | 1908.2 | 1524.6 | 1222.2 | 971.3 | 791.8 | 683.6 | 604.9 |
| 20° | 5242.7 | 5105.0 | 4691.9 | 4027.9 | 3132.8 | 2441.8 | 1760.7 | 1340.2 | 998.4 | 791.8 | 671.3 |
| 17.5° | 8818.2 | 8572.3 | 7846.8 | 6683.7 | 5242.7 | 3946.8 | 2719.7 | 1891.0 | 1340.2 | 971.3 | 752.5 |
| 15° | 13067.4 | 12723.2 | 11719.9 | 10123.9 | 8154.2 | 6054.2 | 4227.1 | 2719.7 | 1760.7 | 1222.2 | 892.6 |
| 12.5° | 20365.9 | 19655.2 | 17597.0 | 14390.4 | 11439.5 | 8665.7 | 6054.2 | 3946.8 | 2441.8 | 1524.6 | 1025.4 |
| 10° | 37367.8 | 35294.8 | 29417.7 | 20520.8 | 15676.5 | 11439.5 | 8154.2 | 5242.7 | 3132.8 | 1908.2 | 1227.1 |
| 7.5° | 78628.3 | 69414.2 | 50108.2 | 33344.8 | 20520.8 | 14390.4 | 10123.9 | 6683.7 | 4027.9 | 2338.6 | 1416.4 |
| 5° | 149518.0 | 130696.4 | 90048.2 | 50108.2 | 29417.7 | 17597.0 | 11719.9 | 7846.8 | 4691.9 | 2655.8 | 1554.1 |
| 2.5° | 221652.0 | 195632.7 | 130696.4 | 69414.2 | 35294.8 | 19655.2 | 12723.2 | 8572.3 | 5105.0 | 2850.0 | 1637.7 |
| 0° | 248819.6 | 221652.0 | 149518.0 | 78628.3 | 37367.8 | 20365.9 | 13067.4 | 8818.2 | 5242.7 | 2916.4 | 1667.2 |



REPORT NUMBER: P723289
 CATALOG NUMBER: IFLD-S-SA2E-735-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° | 22.1 | 22.1 | 19.7 | 19.7 | 19.7 | 19.7 | 17.2 | 17.2 | 17.2 | 14.8 | 14.8 |
| 85° | 54.1 | 54.1 | 51.6 | 49.2 | 46.7 | 46.7 | 44.3 | 41.8 | 39.3 | 36.9 | 32.0 |
| 82.5° | 78.7 | 76.2 | 76.2 | 73.8 | 71.3 | 71.3 | 68.9 | 66.4 | 63.9 | 61.5 | 56.6 |
| 80° | 98.4 | 98.4 | 95.9 | 93.4 | 91.0 | 88.5 | 83.6 | 81.1 | 78.7 | 76.2 | 73.8 |
| 77.5° | 123.0 | 120.5 | 115.6 | 113.1 | 110.7 | 105.7 | 103.3 | 98.4 | 95.9 | 91.0 | 86.1 |
| 75° | 147.5 | 142.6 | 140.2 | 135.2 | 130.3 | 125.4 | 120.5 | 115.6 | 110.7 | 105.7 | 100.8 |
| 72.5° | 172.1 | 167.2 | 164.8 | 157.4 | 152.5 | 147.5 | 140.2 | 135.2 | 130.3 | 123.0 | 115.6 |
| 70° | 201.6 | 196.7 | 189.3 | 184.4 | 177.1 | 169.7 | 162.3 | 154.9 | 147.5 | 140.2 | 132.8 |
| 67.5° | 228.7 | 223.8 | 216.4 | 209.0 | 201.6 | 194.3 | 184.4 | 177.1 | 167.2 | 157.4 | 150.0 |
| 65° | 250.8 | 245.9 | 241.0 | 233.6 | 226.2 | 216.4 | 206.6 | 196.7 | 186.9 | 177.1 | 167.2 |
| 62.5° | 268.0 | 263.1 | 258.2 | 253.3 | 245.9 | 238.5 | 231.2 | 218.9 | 209.0 | 196.7 | 184.4 |
| 60° | 282.8 | 280.3 | 275.4 | 268.0 | 263.1 | 255.7 | 248.4 | 238.5 | 228.7 | 213.9 | 201.6 |
| 57.5° | 292.6 | 290.2 | 287.7 | 282.8 | 277.9 | 270.5 | 263.1 | 253.3 | 243.4 | 233.6 | 218.9 |
| 55° | 300.0 | 297.5 | 295.1 | 292.6 | 287.7 | 282.8 | 275.4 | 268.0 | 258.2 | 248.4 | 236.1 |
| 52.5° | 307.4 | 304.9 | 300.0 | 297.5 | 295.1 | 290.2 | 285.3 | 277.9 | 270.5 | 260.7 | 248.4 |
| 50° | 312.3 | 309.8 | 307.4 | 304.9 | 300.0 | 295.1 | 292.6 | 287.7 | 280.3 | 270.5 | 260.7 |
| 47.5° | 317.2 | 314.8 | 312.3 | 309.8 | 307.4 | 302.5 | 297.5 | 292.6 | 287.7 | 280.3 | 270.5 |
| 45° | 324.6 | 319.7 | 317.2 | 312.3 | 309.8 | 307.4 | 302.5 | 297.5 | 292.6 | 287.7 | 277.9 |
| 42.5° | 334.4 | 327.1 | 324.6 | 319.7 | 314.8 | 312.3 | 307.4 | 302.5 | 297.5 | 292.6 | 285.3 |
| 40° | 346.7 | 339.3 | 332.0 | 324.6 | 319.7 | 314.8 | 312.3 | 307.4 | 302.5 | 295.1 | 290.2 |
| 37.5° | 363.9 | 351.6 | 341.8 | 332.0 | 324.6 | 319.7 | 314.8 | 309.8 | 307.4 | 300.0 | 295.1 |
| 35° | 395.9 | 368.9 | 354.1 | 341.8 | 332.0 | 324.6 | 319.7 | 312.3 | 309.8 | 304.9 | 297.5 |
| 32.5° | 430.3 | 400.8 | 371.3 | 354.1 | 341.8 | 332.0 | 324.6 | 317.2 | 312.3 | 307.4 | 300.0 |
| 30° | 467.2 | 432.8 | 400.8 | 368.9 | 351.6 | 339.3 | 327.1 | 319.7 | 314.8 | 309.8 | 304.9 |
| 27.5° | 501.6 | 467.2 | 430.3 | 395.9 | 363.9 | 346.7 | 334.4 | 324.6 | 317.2 | 312.3 | 307.4 |
| 25° | 528.7 | 496.7 | 459.8 | 420.5 | 383.6 | 356.6 | 341.8 | 329.5 | 319.7 | 314.8 | 309.8 |
| 22.5° | 553.3 | 523.8 | 486.9 | 445.1 | 403.3 | 366.4 | 349.2 | 334.4 | 324.6 | 317.2 | 309.8 |
| 20° | 592.6 | 545.9 | 513.9 | 469.7 | 425.4 | 386.1 | 356.6 | 339.3 | 327.1 | 319.7 | 312.3 |
| 17.5° | 636.9 | 573.0 | 531.2 | 491.8 | 445.1 | 400.8 | 363.9 | 344.3 | 329.5 | 319.7 | 314.8 |
| 15° | 703.3 | 602.5 | 545.9 | 509.0 | 462.3 | 415.6 | 373.8 | 349.2 | 334.4 | 322.1 | 314.8 |
| 12.5° | 762.3 | 634.4 | 565.6 | 523.8 | 477.1 | 430.3 | 383.6 | 354.1 | 336.9 | 324.6 | 317.2 |
| 10° | 865.6 | 678.7 | 585.3 | 533.6 | 491.8 | 440.2 | 393.4 | 359.0 | 339.3 | 327.1 | 317.2 |
| 7.5° | 946.7 | 715.6 | 600.0 | 543.5 | 501.6 | 450.0 | 400.8 | 361.5 | 341.8 | 327.1 | 319.7 |
| 5° | 1008.2 | 740.2 | 612.3 | 548.4 | 509.0 | 457.4 | 405.7 | 363.9 | 344.3 | 329.5 | 319.7 |
| 2.5° | 1045.1 | 762.3 | 622.1 | 553.3 | 513.9 | 462.3 | 410.7 | 366.4 | 344.3 | 329.5 | 319.7 |
| 0° | 1057.4 | 762.3 | 622.1 | 553.3 | 513.9 | 462.3 | 410.7 | 366.4 | 344.3 | 329.5 | 319.7 |



REPORT NUMBER: P723289

CATALOG NUMBER: IFLD-S-SA2E-735-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° | 14.8 | 12.3 | 12.3 | 12.3 | 9.8 | 9.8 | 7.4 | 7.4 | 7.4 | 4.9 | 4.9 |
| 85° | 29.5 | 27.0 | 24.6 | 22.1 | 19.7 | 19.7 | 17.2 | 14.8 | 12.3 | 9.8 | 7.4 |
| 82.5° | 51.6 | 49.2 | 44.3 | 39.3 | 34.4 | 29.5 | 24.6 | 22.1 | 19.7 | 14.8 | 12.3 |
| 80° | 71.3 | 66.4 | 63.9 | 56.6 | 51.6 | 44.3 | 39.3 | 32.0 | 24.6 | 22.1 | 17.2 |
| 77.5° | 83.6 | 78.7 | 73.8 | 71.3 | 66.4 | 59.0 | 51.6 | 44.3 | 36.9 | 27.0 | 22.1 |
| 75° | 95.9 | 91.0 | 86.1 | 81.1 | 76.2 | 68.9 | 63.9 | 56.6 | 46.7 | 36.9 | 24.6 |
| 72.5° | 110.7 | 103.3 | 98.4 | 91.0 | 83.6 | 78.7 | 71.3 | 66.4 | 56.6 | 44.3 | 32.0 |
| 70° | 125.4 | 118.0 | 108.2 | 100.8 | 93.4 | 86.1 | 78.7 | 71.3 | 63.9 | 51.6 | 39.3 |
| 67.5° | 140.2 | 130.3 | 123.0 | 113.1 | 103.3 | 95.9 | 86.1 | 78.7 | 68.9 | 59.0 | 44.3 |
| 65° | 154.9 | 145.1 | 135.2 | 125.4 | 113.1 | 103.3 | 93.4 | 83.6 | 76.2 | 66.4 | 51.6 |
| 62.5° | 172.1 | 159.8 | 147.5 | 135.2 | 125.4 | 113.1 | 100.8 | 91.0 | 81.1 | 71.3 | 56.6 |
| 60° | 189.3 | 174.6 | 159.8 | 147.5 | 135.2 | 123.0 | 108.2 | 98.4 | 86.1 | 73.8 | 63.9 |
| 57.5° | 204.1 | 189.3 | 174.6 | 159.8 | 145.1 | 130.3 | 118.0 | 103.3 | 91.0 | 78.7 | 66.4 |
| 55° | 221.3 | 204.1 | 189.3 | 172.1 | 154.9 | 140.2 | 125.4 | 110.7 | 95.9 | 83.6 | 71.3 |
| 52.5° | 236.1 | 218.9 | 201.6 | 184.4 | 167.2 | 150.0 | 132.8 | 115.6 | 100.8 | 86.1 | 73.8 |
| 50° | 248.4 | 233.6 | 213.9 | 196.7 | 177.1 | 157.4 | 140.2 | 123.0 | 105.7 | 91.0 | 76.2 |
| 47.5° | 258.2 | 243.4 | 228.7 | 209.0 | 186.9 | 167.2 | 147.5 | 130.3 | 110.7 | 95.9 | 78.7 |
| 45° | 268.0 | 253.3 | 238.5 | 218.9 | 196.7 | 177.1 | 154.9 | 135.2 | 115.6 | 98.4 | 81.1 |
| 42.5° | 275.4 | 263.1 | 248.4 | 231.2 | 206.6 | 184.4 | 162.3 | 140.2 | 120.5 | 103.3 | 83.6 |
| 40° | 282.8 | 270.5 | 255.7 | 238.5 | 216.4 | 194.3 | 169.7 | 147.5 | 125.4 | 105.7 | 88.5 |
| 37.5° | 287.7 | 277.9 | 263.1 | 245.9 | 226.2 | 201.6 | 177.1 | 152.5 | 130.3 | 110.7 | 91.0 |
| 35° | 292.6 | 282.8 | 268.0 | 253.3 | 233.6 | 209.0 | 184.4 | 157.4 | 135.2 | 113.1 | 93.4 |
| 32.5° | 295.1 | 287.7 | 275.4 | 258.2 | 241.0 | 216.4 | 189.3 | 164.8 | 140.2 | 115.6 | 95.9 |
| 30° | 297.5 | 290.2 | 280.3 | 263.1 | 245.9 | 223.8 | 196.7 | 167.2 | 142.6 | 120.5 | 98.4 |
| 27.5° | 300.0 | 292.6 | 282.8 | 268.0 | 250.8 | 228.7 | 201.6 | 172.1 | 147.5 | 123.0 | 98.4 |
| 25° | 302.5 | 295.1 | 287.7 | 273.0 | 255.7 | 233.6 | 206.6 | 177.1 | 150.0 | 125.4 | 100.8 |
| 22.5° | 304.9 | 297.5 | 290.2 | 277.9 | 260.7 | 238.5 | 211.5 | 182.0 | 152.5 | 127.9 | 103.3 |
| 20° | 307.4 | 300.0 | 292.6 | 280.3 | 263.1 | 241.0 | 213.9 | 184.4 | 157.4 | 130.3 | 105.7 |
| 17.5° | 309.8 | 300.0 | 292.6 | 282.8 | 265.6 | 245.9 | 218.9 | 189.3 | 159.8 | 130.3 | 105.7 |
| 15° | 309.8 | 302.5 | 295.1 | 285.3 | 268.0 | 248.4 | 221.3 | 191.8 | 159.8 | 132.8 | 108.2 |
| 12.5° | 309.8 | 304.9 | 295.1 | 285.3 | 270.5 | 250.8 | 223.8 | 194.3 | 162.3 | 135.2 | 108.2 |
| 10° | 312.3 | 304.9 | 295.1 | 287.7 | 273.0 | 253.3 | 226.2 | 196.7 | 164.8 | 135.2 | 108.2 |
| 7.5° | 312.3 | 307.4 | 297.5 | 287.7 | 273.0 | 253.3 | 228.7 | 196.7 | 164.8 | 137.7 | 110.7 |
| 5° | 312.3 | 307.4 | 297.5 | 290.2 | 275.4 | 255.7 | 231.2 | 199.2 | 167.2 | 137.7 | 110.7 |
| 2.5° | 312.3 | 307.4 | 297.5 | 290.2 | 275.4 | 255.7 | 231.2 | 199.2 | 167.2 | 137.7 | 110.7 |
| 0° | 312.3 | 307.4 | 297.5 | 290.2 | 275.4 | 255.7 | 231.2 | 199.2 | 167.2 | 137.7 | 110.7 |



REPORT NUMBER: P723289
 CATALOG NUMBER: IFLD-S-SA2E-735-U-22

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.5 | 2.5 | 0.0 | 0.0 |
| 85° | 7.4 | 4.9 | 2.5 | 0.0 |
| 82.5° | 9.8 | 7.4 | 2.5 | 0.0 |
| 80° | 12.3 | 7.4 | 4.9 | 0.0 |
| 77.5° | 14.8 | 9.8 | 4.9 | 0.0 |
| 75° | 19.7 | 12.3 | 7.4 | 0.0 |
| 72.5° | 22.1 | 14.8 | 7.4 | 0.0 |
| 70° | 24.6 | 17.2 | 7.4 | 0.0 |
| 67.5° | 29.5 | 19.7 | 9.8 | 0.0 |
| 65° | 34.4 | 19.7 | 9.8 | 0.0 |
| 62.5° | 39.3 | 22.1 | 12.3 | 0.0 |
| 60° | 44.3 | 24.6 | 12.3 | 0.0 |
| 57.5° | 49.2 | 27.0 | 12.3 | 0.0 |
| 55° | 51.6 | 29.5 | 14.8 | 0.0 |
| 52.5° | 56.6 | 32.0 | 14.8 | 0.0 |
| 50° | 61.5 | 36.9 | 14.8 | 0.0 |
| 47.5° | 63.9 | 39.3 | 17.2 | 0.0 |
| 45° | 66.4 | 41.8 | 17.2 | 0.0 |
| 42.5° | 68.9 | 44.3 | 17.2 | 0.0 |
| 40° | 71.3 | 46.7 | 19.7 | 0.0 |
| 37.5° | 71.3 | 46.7 | 19.7 | 0.0 |
| 35° | 73.8 | 49.2 | 19.7 | 0.0 |
| 32.5° | 76.2 | 51.6 | 19.7 | 0.0 |
| 30° | 76.2 | 54.1 | 22.1 | 0.0 |
| 27.5° | 78.7 | 54.1 | 22.1 | 0.0 |
| 25° | 78.7 | 56.6 | 22.1 | 0.0 |
| 22.5° | 81.1 | 59.0 | 22.1 | 0.0 |
| 20° | 81.1 | 59.0 | 22.1 | 0.0 |
| 17.5° | 83.6 | 61.5 | 24.6 | 0.0 |
| 15° | 83.6 | 61.5 | 24.6 | 0.0 |
| 12.5° | 83.6 | 61.5 | 24.6 | 0.0 |
| 10° | 86.1 | 63.9 | 24.6 | 0.0 |
| 7.5° | 86.1 | 63.9 | 24.6 | 0.0 |
| 5° | 86.1 | 63.9 | 24.6 | 0.0 |
| 2.5° | 86.1 | 63.9 | 24.6 | 0.0 |
| 0° | 86.1 | 63.9 | 24.6 | 0.0 |

(END OF REPORT)