

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: P623202

Luminaire Tested: **IFLD-S-SA3C-830-U-33**

Issue Date: 10/13/2022

Test Information

Test Method: LM-79-2019
Report Number: P623202
Test Lab: INNOVATION CENTER(G2)
Issue Date: 10/13/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-830-U-33
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens
Light Source: (48) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-------------------|--|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 17513.1 lumens | Max Intensity: | 162962.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 108.9 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') | | |

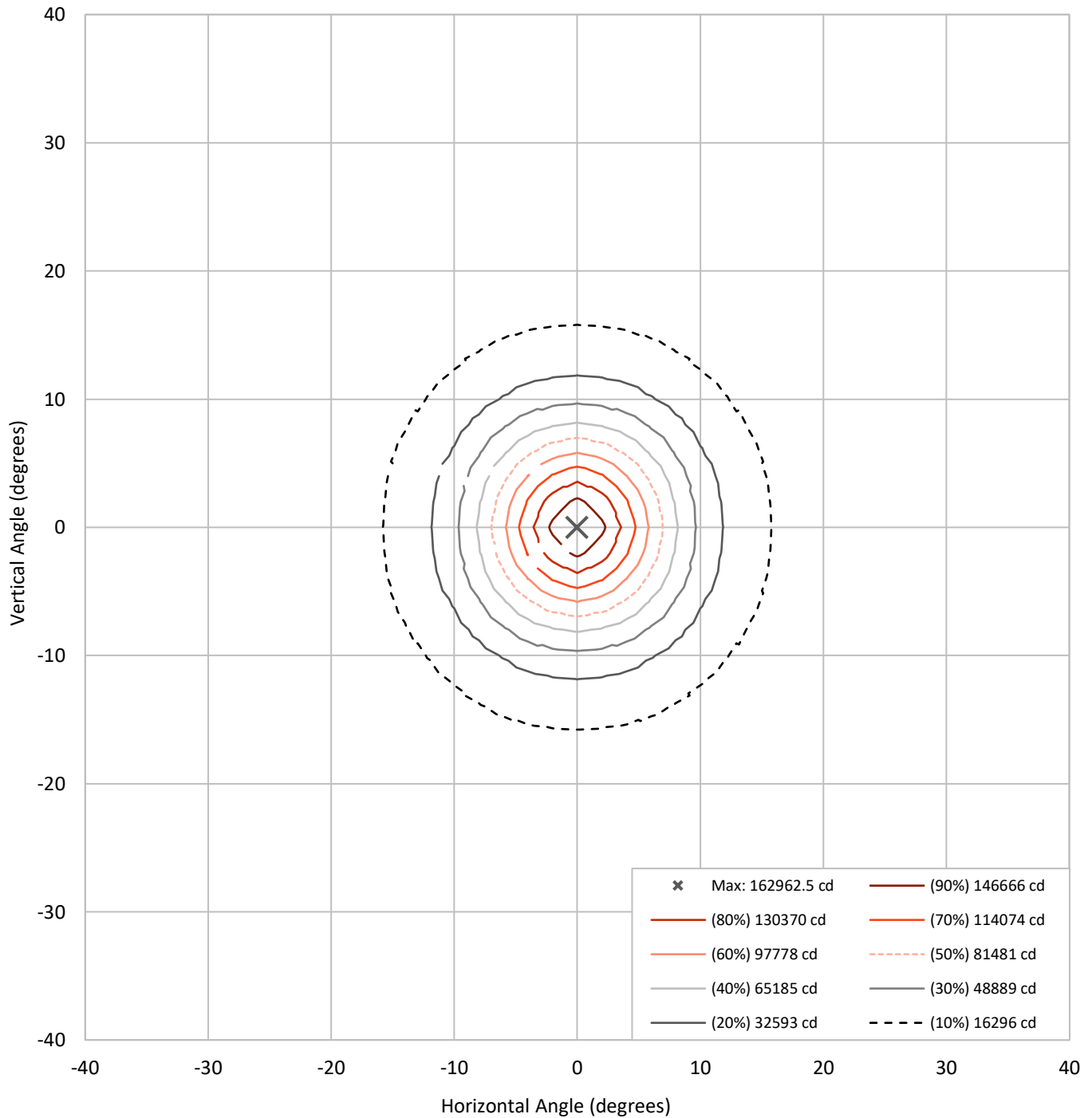
| | | | |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 13.8°H x 13.8°V | Field Angle (10%): | 31.4°H x 31.4°V |
| Beam Lumens: | 3829.6 lumens | Field Lumens: | 8917 lumens |
| Beam Efficiency: | 21.9% | Field Efficiency: | 50.9% |

Input Watts (W): 160.8
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: P623202
CATALOG NUMBER: IFLD-S-SA3C-830-U-33

Iso-Candela Plot





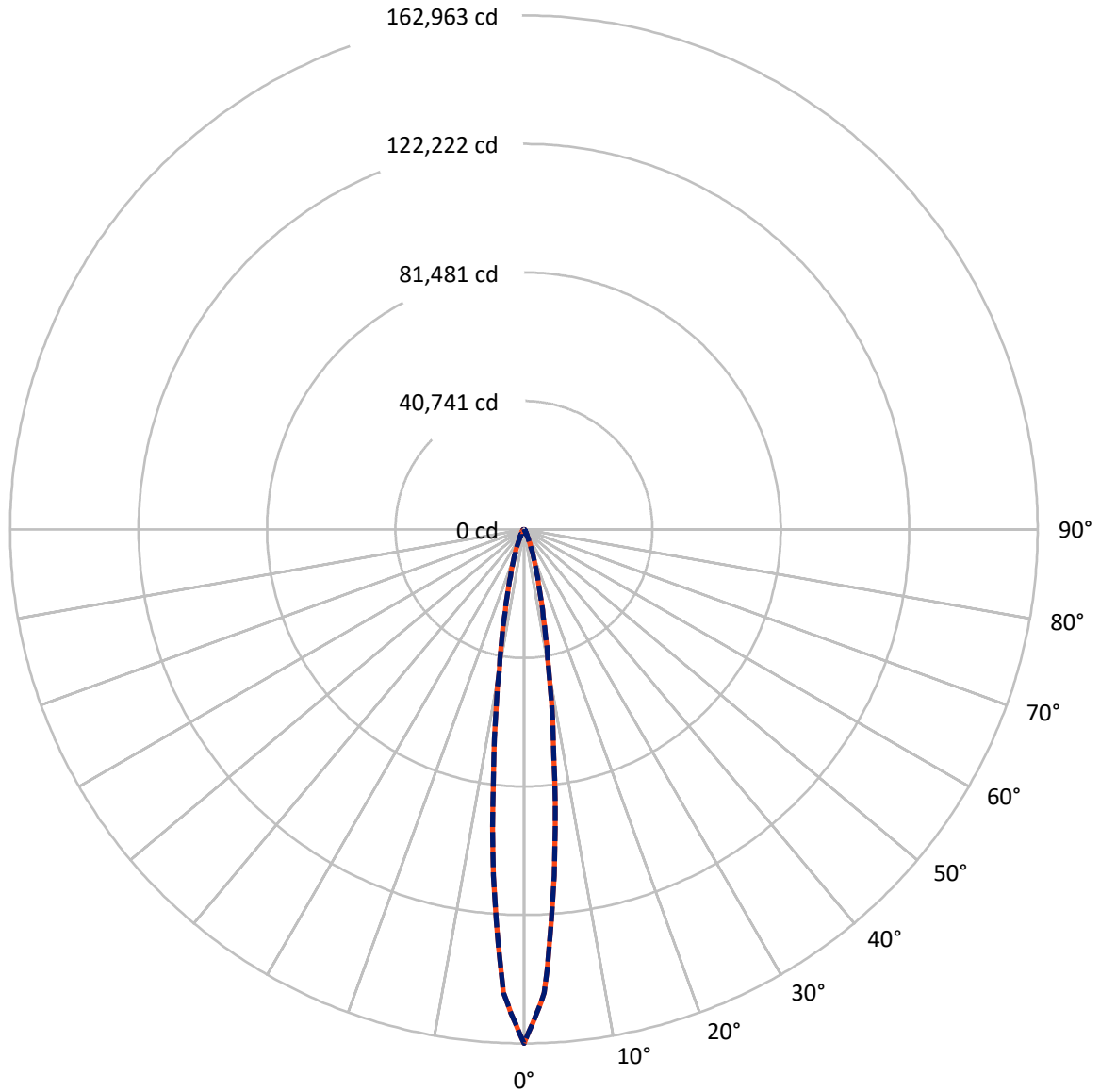
REPORT NUMBER: P623202
 CATALOG NUMBER: IFLD-S-SA3C-830-U-33

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|------|-------|-------|--------|--------|-------|-------|------|------|-----|-----|-----|
| 90 | 0.3 | 2.3 | | 6.0 | | 9.8 | | 11.4 | | 9.8 | | 6.0 | | 2.3 | | 0.3 |
| 80 | 0.3 | 2.3 | | 6.0 | | 9.8 | | 11.4 | | 9.8 | | 6.0 | | 2.3 | | 0.3 |
| 70 | 1.0 | 1.1 | 2.4 | 4.0 | 5.7 | 7.2 | 8.3 | 8.9 | 8.9 | 8.3 | 7.2 | 5.7 | 4.0 | 2.4 | 1.1 | 1.0 |
| 60 | | 1.8 | 3.8 | 6.1 | 8.4 | 10.4 | 12.0 | 12.8 | 12.8 | 12.0 | 10.4 | 8.4 | 6.1 | 3.8 | 1.8 | |
| 50 | 1.9 | 2.4 | 4.9 | 7.8 | 10.8 | 13.8 | 16.7 | 18.5 | 18.5 | 16.7 | 13.8 | 10.8 | 7.8 | 4.9 | 2.4 | 1.9 |
| 40 | | 3.0 | 5.9 | 9.3 | 13.6 | 19.5 | 26.7 | 32.8 | 32.8 | 26.7 | 19.5 | 13.6 | 9.3 | 5.9 | 3.0 | |
| 30 | 2.5 | 3.4 | 6.6 | 10.8 | 17.7 | 31.2 | 63.7 | 109.0 | 109.0 | 63.7 | 31.2 | 17.7 | 10.8 | 6.6 | 3.4 | 2.5 |
| 20 | | 3.7 | 7.2 | 12.3 | 22.7 | 60.0 | 215.9 | 536.2 | 536.2 | 215.9 | 60.0 | 22.7 | 12.3 | 7.2 | 3.7 | |
| 10 | 2.8 | 3.8 | 7.4 | 13.2 | 27.1 | 100.0 | 522.5 | 2294.1 | 2294.1 | 522.5 | 100.0 | 27.1 | 13.2 | 7.4 | 3.8 | 2.8 |
| 0 | | 3.8 | 7.4 | 13.2 | 27.1 | 100.0 | 522.5 | 2294.1 | 2294.1 | 522.5 | 100.0 | 27.1 | 13.2 | 7.4 | 3.8 | |
| -10 | 2.5 | 3.7 | 7.2 | 12.3 | 22.7 | 60.0 | 215.9 | 536.2 | 536.2 | 215.9 | 60.0 | 22.7 | 12.3 | 7.2 | 3.7 | 2.5 |
| -20 | | 3.4 | 6.6 | 10.8 | 17.7 | 31.2 | 63.7 | 109.0 | 109.0 | 63.7 | 31.2 | 17.7 | 10.8 | 6.6 | 3.4 | |
| -30 | 1.9 | 3.0 | 5.9 | 9.3 | 13.6 | 19.5 | 26.7 | 32.8 | 32.8 | 26.7 | 19.5 | 13.6 | 9.3 | 5.9 | 3.0 | 1.9 |
| -40 | | 2.4 | 4.9 | 7.8 | 10.8 | 13.8 | 16.7 | 18.5 | 18.5 | 16.7 | 13.8 | 10.8 | 7.8 | 4.9 | 2.4 | |
| -50 | 1.0 | 1.8 | 3.8 | 6.1 | 8.4 | 10.4 | 12.0 | 12.8 | 12.8 | 12.0 | 10.4 | 8.4 | 6.1 | 3.8 | 1.8 | 1.0 |
| -60 | | 1.1 | 2.4 | 4.0 | 5.7 | 7.2 | 8.3 | 8.9 | 8.9 | 8.3 | 7.2 | 5.7 | 4.0 | 2.4 | 1.1 | |
| -70 | 0.3 | 2.3 | | 6.0 | | 9.8 | | 11.4 | | 9.8 | | 6.0 | | 2.3 | | 0.3 |
| -80 | | 2.3 | | 6.0 | | 9.8 | | 11.4 | | 9.8 | | 6.0 | | 2.3 | | |
| -90 | 0.3 | 2.3 | | 6.0 | | 9.8 | | 11.4 | | 9.8 | | 6.0 | | 2.3 | | 0.3 |

REPORT NUMBER: P623202
CATALOG NUMBER: IFLD-S-SA3C-830-U-33

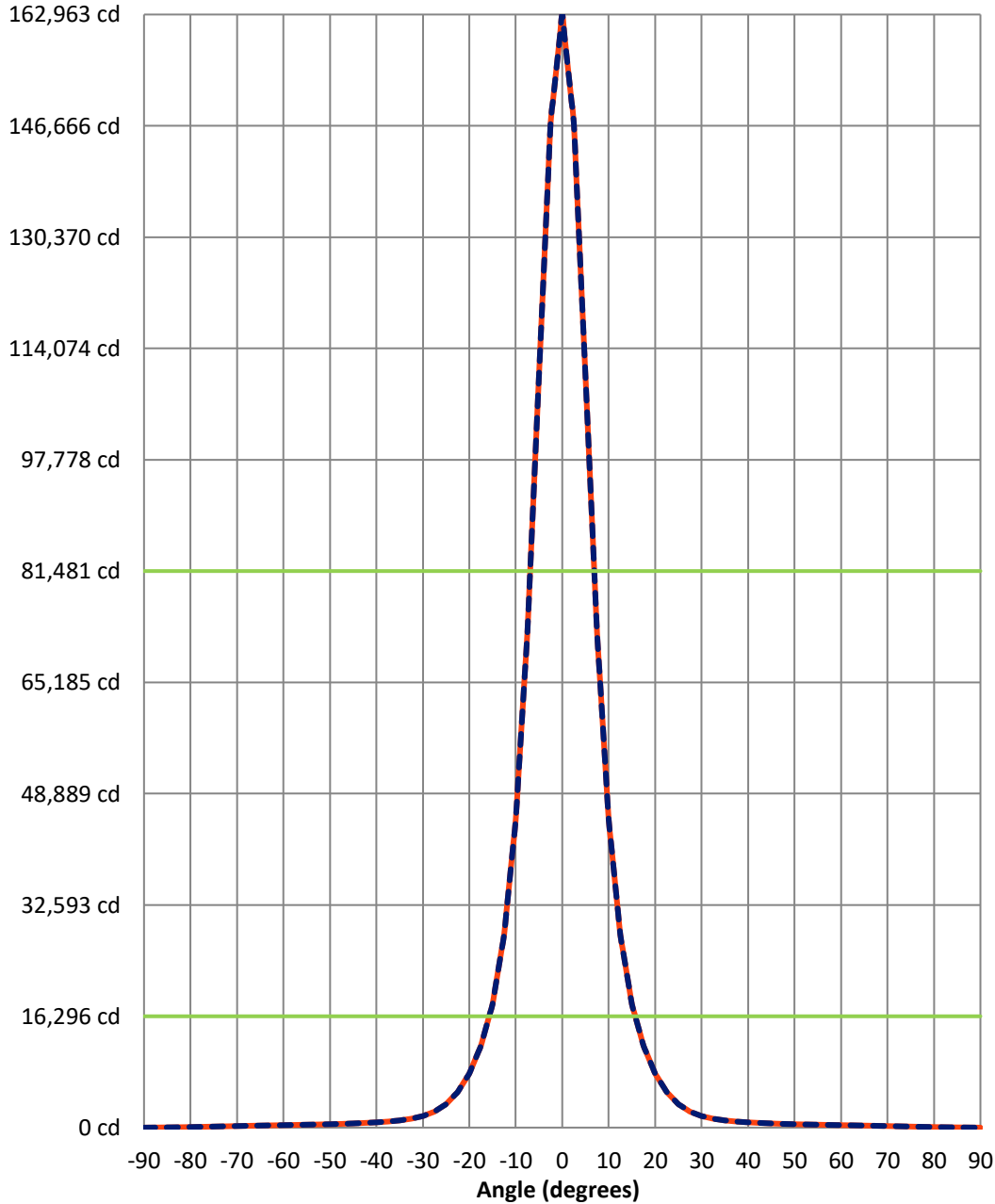
Luminous Intensity Polar Plot



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

REPORT NUMBER: P623202
 CATALOG NUMBER: IFLD-S-SA3C-830-U-33

Luminous Intensity Plot



Beam:
 H Angle: 13.8°
 V Angle: 13.8°
 Lumens: 3829.6
 Efficiency: 21.9%

Field:
 H Angle: 31.4°
 V Angle: 31.4°
 Lumens: 8917
 Efficiency: 50.9%

Spill:
 Lumens: 8596.1
 Efficiency: 49.1%

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



REPORT NUMBER: P623202
 CATALOG NUMBER: IFLD-S-SA3C-830-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° | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 12.8 | 12.8 |
| 85° | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 31.0 | 31.0 | 31.0 | 29.2 | 29.2 |
| 82.5° | 54.7 | 54.7 | 54.7 | 54.7 | 52.8 | 52.8 | 52.8 | 51.0 | 51.0 | 49.2 | 49.2 |
| 80° | 83.8 | 83.8 | 83.8 | 83.8 | 82.0 | 80.2 | 80.2 | 78.3 | 76.5 | 74.7 | 72.9 |
| 77.5° | 114.8 | 114.8 | 114.8 | 113.0 | 113.0 | 111.1 | 109.3 | 107.5 | 105.7 | 102.0 | 100.2 |
| 75° | 151.2 | 151.2 | 151.2 | 149.4 | 147.6 | 145.8 | 143.9 | 140.3 | 138.5 | 134.8 | 131.2 |
| 72.5° | 189.5 | 189.5 | 189.5 | 187.7 | 185.8 | 182.2 | 180.4 | 176.7 | 173.1 | 167.6 | 164.0 |
| 70° | 225.9 | 225.9 | 225.9 | 224.1 | 220.5 | 218.6 | 215.0 | 211.3 | 207.7 | 202.2 | 196.8 |
| 67.5° | 262.4 | 262.4 | 262.4 | 258.7 | 256.9 | 255.1 | 251.4 | 246.0 | 242.3 | 236.9 | 229.6 |
| 65° | 297.0 | 297.0 | 295.2 | 293.3 | 291.5 | 287.9 | 284.2 | 280.6 | 275.1 | 269.6 | 262.4 |
| 62.5° | 331.6 | 331.6 | 329.8 | 328.0 | 326.1 | 322.5 | 317.0 | 313.4 | 306.1 | 300.6 | 293.3 |
| 60° | 360.7 | 360.7 | 358.9 | 357.1 | 355.3 | 351.6 | 348.0 | 342.5 | 337.1 | 331.6 | 324.3 |
| 57.5° | 391.7 | 391.7 | 389.9 | 388.1 | 384.4 | 380.8 | 377.1 | 371.7 | 364.4 | 357.1 | 351.6 |
| 55° | 426.3 | 426.3 | 424.5 | 420.9 | 417.2 | 413.6 | 408.1 | 400.8 | 393.5 | 386.3 | 377.1 |
| 52.5° | 459.1 | 459.1 | 457.3 | 453.7 | 450.0 | 446.4 | 439.1 | 433.6 | 424.5 | 415.4 | 404.5 |
| 50° | 499.2 | 499.2 | 495.6 | 491.9 | 488.3 | 481.0 | 473.7 | 464.6 | 455.5 | 444.6 | 435.4 |
| 47.5° | 544.8 | 544.8 | 541.1 | 537.5 | 530.2 | 522.9 | 512.0 | 501.0 | 490.1 | 477.4 | 462.8 |
| 45° | 608.5 | 608.5 | 603.1 | 595.8 | 586.7 | 573.9 | 559.3 | 544.8 | 528.4 | 513.8 | 497.4 |
| 42.5° | 686.9 | 686.9 | 679.6 | 670.5 | 657.7 | 641.3 | 621.3 | 601.2 | 579.4 | 555.7 | 533.8 |
| 40° | 768.9 | 768.9 | 759.8 | 750.6 | 736.1 | 716.0 | 694.2 | 668.7 | 641.3 | 610.4 | 583.0 |
| 37.5° | 881.8 | 881.8 | 869.1 | 852.7 | 830.8 | 803.5 | 770.7 | 741.5 | 710.6 | 675.9 | 639.5 |
| 35° | 1049.4 | 1049.4 | 1029.4 | 1002.1 | 967.5 | 921.9 | 872.7 | 830.8 | 783.4 | 741.5 | 701.5 |
| 32.5° | 1297.2 | 1297.2 | 1262.6 | 1222.5 | 1164.2 | 1091.3 | 1020.3 | 952.9 | 881.8 | 821.7 | 763.4 |
| 30° | 1687.1 | 1687.1 | 1628.8 | 1555.9 | 1457.6 | 1331.8 | 1226.2 | 1116.9 | 1013.0 | 925.6 | 845.4 |
| 27.5° | 2335.7 | 2308.4 | 2228.2 | 2095.2 | 1913.0 | 1687.1 | 1525.0 | 1341.0 | 1195.2 | 1053.1 | 949.2 |
| 25° | 3428.9 | 3377.9 | 3226.7 | 2977.1 | 2640.0 | 2266.5 | 1971.3 | 1658.0 | 1435.7 | 1233.5 | 1071.3 |
| 22.5° | 5205.3 | 5112.4 | 4835.5 | 4383.6 | 3773.3 | 3175.7 | 2630.9 | 2148.1 | 1750.9 | 1468.5 | 1233.5 |
| 20° | 7909.1 | 7746.9 | 7269.6 | 6497.1 | 5454.9 | 4531.2 | 3560.1 | 2844.1 | 2208.2 | 1750.9 | 1435.7 |
| 17.5° | 11972.0 | 11691.5 | 10869.8 | 9545.2 | 7909.1 | 6404.2 | 4924.7 | 3745.9 | 2844.1 | 2148.1 | 1658.0 |
| 15° | 18050.1 | 17558.1 | 16122.4 | 13839.5 | 11217.7 | 8831.0 | 6730.3 | 4924.7 | 3560.1 | 2630.9 | 1971.3 |
| 12.5° | 28254.8 | 27260.0 | 24385.0 | 19901.2 | 15721.6 | 11798.9 | 8831.0 | 6404.2 | 4531.2 | 3175.7 | 2266.5 |
| 10° | 45115.1 | 43060.0 | 37231.5 | 28409.7 | 21699.4 | 15721.6 | 11217.7 | 7909.1 | 5454.9 | 3773.3 | 2640.0 |
| 7.5° | 72444.4 | 68033.4 | 55981.2 | 41126.9 | 28409.7 | 19901.2 | 13839.5 | 9545.2 | 6497.1 | 4383.6 | 2977.1 |
| 5° | 110138.7 | 101262.2 | 78979.7 | 55981.2 | 37231.5 | 24385.0 | 16122.4 | 10869.8 | 7269.6 | 4835.5 | 3226.7 |
| 2.5° | 147095.1 | 131796.2 | 101262.2 | 68033.4 | 43060.0 | 27260.0 | 17558.1 | 11691.5 | 7746.9 | 5112.4 | 3377.9 |
| 0° | 162962.5 | 147095.1 | 110138.7 | 72444.4 | 45115.1 | 28254.8 | 18050.1 | 11972.0 | 7909.1 | 5205.3 | 3428.9 |



REPORT NUMBER: P623202
 CATALOG NUMBER: IFLD-S-SA3C-830-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° | 12.8 | 12.8 | 12.8 | 12.8 | 10.9 | 10.9 | 10.9 | 10.9 | 9.1 | 9.1 | 9.1 |
| 85° | 29.2 | 27.3 | 27.3 | 25.5 | 25.5 | 23.7 | 23.7 | 21.9 | 21.9 | 20.0 | 18.2 |
| 82.5° | 47.4 | 45.5 | 43.7 | 41.9 | 41.9 | 40.1 | 38.3 | 34.6 | 32.8 | 31.0 | 29.2 |
| 80° | 71.1 | 67.4 | 65.6 | 61.9 | 60.1 | 56.5 | 52.8 | 51.0 | 47.4 | 45.5 | 41.9 |
| 77.5° | 96.6 | 92.9 | 91.1 | 85.6 | 82.0 | 78.3 | 74.7 | 69.2 | 65.6 | 60.1 | 54.7 |
| 75° | 125.7 | 122.1 | 116.6 | 111.1 | 107.5 | 102.0 | 96.6 | 91.1 | 83.8 | 78.3 | 72.9 |
| 72.5° | 158.5 | 153.0 | 147.6 | 140.3 | 133.0 | 127.5 | 118.4 | 111.1 | 105.7 | 98.4 | 91.1 |
| 70° | 191.3 | 185.8 | 178.6 | 171.3 | 162.2 | 154.9 | 145.8 | 136.6 | 127.5 | 118.4 | 109.3 |
| 67.5° | 224.1 | 216.8 | 209.5 | 200.4 | 191.3 | 182.2 | 173.1 | 162.2 | 151.2 | 140.3 | 129.4 |
| 65° | 255.1 | 247.8 | 238.7 | 229.6 | 220.5 | 209.5 | 198.6 | 187.7 | 174.9 | 162.2 | 151.2 |
| 62.5° | 286.0 | 276.9 | 267.8 | 258.7 | 247.8 | 236.9 | 225.9 | 211.3 | 198.6 | 185.8 | 171.3 |
| 60° | 315.2 | 306.1 | 297.0 | 286.0 | 275.1 | 262.4 | 249.6 | 236.9 | 222.3 | 207.7 | 193.1 |
| 57.5° | 342.5 | 333.4 | 324.3 | 311.6 | 300.6 | 287.9 | 273.3 | 260.5 | 244.1 | 229.6 | 213.2 |
| 55° | 368.0 | 358.9 | 348.0 | 337.1 | 326.1 | 311.6 | 297.0 | 282.4 | 266.0 | 249.6 | 231.4 |
| 52.5° | 393.5 | 382.6 | 371.7 | 360.7 | 348.0 | 335.2 | 320.7 | 304.3 | 287.9 | 269.6 | 251.4 |
| 50° | 422.7 | 409.9 | 395.4 | 382.6 | 368.0 | 355.3 | 340.7 | 324.3 | 307.9 | 287.9 | 269.6 |
| 47.5° | 450.0 | 437.3 | 422.7 | 406.3 | 391.7 | 375.3 | 358.9 | 344.3 | 326.1 | 307.9 | 287.9 |
| 45° | 481.0 | 462.8 | 448.2 | 431.8 | 413.6 | 395.4 | 379.0 | 360.7 | 344.3 | 324.3 | 304.3 |
| 42.5° | 513.8 | 493.7 | 473.7 | 453.7 | 437.3 | 417.2 | 397.2 | 379.0 | 358.9 | 340.7 | 320.7 |
| 40° | 552.1 | 528.4 | 502.9 | 481.0 | 459.1 | 439.1 | 417.2 | 395.4 | 375.3 | 355.3 | 335.2 |
| 37.5° | 601.2 | 568.4 | 535.7 | 508.3 | 482.8 | 459.1 | 437.3 | 413.6 | 391.7 | 368.0 | 348.0 |
| 35° | 659.5 | 614.0 | 575.7 | 537.5 | 508.3 | 481.0 | 453.7 | 431.8 | 406.3 | 382.6 | 360.7 |
| 32.5° | 717.8 | 668.7 | 619.5 | 575.7 | 535.7 | 502.9 | 473.7 | 448.2 | 422.7 | 395.4 | 371.7 |
| 30° | 778.0 | 723.3 | 668.7 | 614.0 | 568.4 | 528.4 | 493.7 | 462.8 | 437.3 | 409.9 | 382.6 |
| 27.5° | 854.5 | 778.0 | 717.8 | 659.5 | 601.2 | 552.1 | 513.8 | 481.0 | 450.0 | 422.7 | 393.5 |
| 25° | 949.2 | 845.4 | 763.4 | 701.5 | 639.5 | 583.0 | 533.8 | 497.4 | 462.8 | 435.4 | 404.5 |
| 22.5° | 1053.1 | 925.6 | 821.7 | 741.5 | 675.9 | 610.4 | 555.7 | 513.8 | 477.4 | 444.6 | 415.4 |
| 20° | 1195.2 | 1013.0 | 881.8 | 783.4 | 710.6 | 641.3 | 579.4 | 528.4 | 490.1 | 455.5 | 424.5 |
| 17.5° | 1341.0 | 1116.9 | 952.9 | 830.8 | 741.5 | 668.7 | 601.2 | 544.8 | 501.0 | 464.6 | 433.6 |
| 15° | 1525.0 | 1226.2 | 1020.3 | 872.7 | 770.7 | 694.2 | 621.3 | 559.3 | 512.0 | 473.7 | 439.1 |
| 12.5° | 1687.1 | 1331.8 | 1091.3 | 921.9 | 803.5 | 716.0 | 641.3 | 573.9 | 522.9 | 481.0 | 446.4 |
| 10° | 1913.0 | 1457.6 | 1164.2 | 967.5 | 830.8 | 736.1 | 657.7 | 586.7 | 530.2 | 488.3 | 450.0 |
| 7.5° | 2095.2 | 1555.9 | 1222.5 | 1002.1 | 852.7 | 750.6 | 670.5 | 595.8 | 537.5 | 491.9 | 453.7 |
| 5° | 2228.2 | 1628.8 | 1262.6 | 1029.4 | 869.1 | 759.8 | 679.6 | 603.1 | 541.1 | 495.6 | 457.3 |
| 2.5° | 2308.4 | 1687.1 | 1297.2 | 1049.4 | 881.8 | 768.9 | 686.9 | 608.5 | 544.8 | 499.2 | 459.1 |
| 0° | 2335.7 | 1687.1 | 1297.2 | 1049.4 | 881.8 | 768.9 | 686.9 | 608.5 | 544.8 | 499.2 | 459.1 |



REPORT NUMBER: P623202
 CATALOG NUMBER: IFLD-S-SA3C-830-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° | 9.1 | 7.3 | 7.3 | 7.3 | 5.5 | 5.5 | 5.5 | 3.6 | 3.6 | 3.6 | 1.8 |
| 85° | 16.4 | 16.4 | 14.6 | 12.8 | 12.8 | 10.9 | 9.1 | 9.1 | 7.3 | 5.5 | 5.5 |
| 82.5° | 27.3 | 25.5 | 23.7 | 21.9 | 20.0 | 16.4 | 14.6 | 12.8 | 10.9 | 9.1 | 7.3 |
| 80° | 38.3 | 36.4 | 32.8 | 29.2 | 27.3 | 23.7 | 21.9 | 18.2 | 14.6 | 12.8 | 10.9 |
| 77.5° | 51.0 | 47.4 | 43.7 | 40.1 | 34.6 | 31.0 | 27.3 | 23.7 | 20.0 | 16.4 | 12.8 |
| 75° | 67.4 | 60.1 | 54.7 | 49.2 | 43.7 | 38.3 | 32.8 | 29.2 | 23.7 | 20.0 | 14.6 |
| 72.5° | 83.8 | 76.5 | 67.4 | 60.1 | 52.8 | 47.4 | 40.1 | 34.6 | 29.2 | 23.7 | 18.2 |
| 70° | 100.2 | 91.1 | 82.0 | 72.9 | 63.8 | 54.7 | 47.4 | 40.1 | 32.8 | 27.3 | 21.9 |
| 67.5° | 116.6 | 107.5 | 96.6 | 85.6 | 76.5 | 65.6 | 54.7 | 47.4 | 38.3 | 31.0 | 23.7 |
| 65° | 136.6 | 123.9 | 111.1 | 100.2 | 87.5 | 76.5 | 63.8 | 52.8 | 43.7 | 34.6 | 27.3 |
| 62.5° | 156.7 | 142.1 | 127.5 | 113.0 | 100.2 | 85.6 | 72.9 | 60.1 | 49.2 | 40.1 | 29.2 |
| 60° | 176.7 | 160.3 | 143.9 | 127.5 | 111.1 | 96.6 | 82.0 | 67.4 | 54.7 | 43.7 | 32.8 |
| 57.5° | 196.8 | 178.6 | 160.3 | 142.1 | 123.9 | 107.5 | 91.1 | 76.5 | 60.1 | 47.4 | 36.4 |
| 55° | 215.0 | 196.8 | 176.7 | 156.7 | 136.6 | 116.6 | 100.2 | 83.8 | 67.4 | 51.0 | 38.3 |
| 52.5° | 231.4 | 213.2 | 193.1 | 171.3 | 151.2 | 129.4 | 109.3 | 91.1 | 72.9 | 54.7 | 41.9 |
| 50° | 249.6 | 229.6 | 207.7 | 185.8 | 162.2 | 140.3 | 118.4 | 98.4 | 78.3 | 60.1 | 45.5 |
| 47.5° | 266.0 | 244.1 | 222.3 | 198.6 | 174.9 | 151.2 | 127.5 | 105.7 | 83.8 | 65.6 | 47.4 |
| 45° | 282.4 | 260.5 | 236.9 | 211.3 | 187.7 | 162.2 | 136.6 | 111.1 | 91.1 | 69.2 | 51.0 |
| 42.5° | 297.0 | 273.3 | 249.6 | 225.9 | 198.6 | 173.1 | 145.8 | 118.4 | 96.6 | 74.7 | 52.8 |
| 40° | 311.6 | 287.9 | 262.4 | 236.9 | 209.5 | 182.2 | 154.9 | 127.5 | 102.0 | 78.3 | 56.5 |
| 37.5° | 326.1 | 300.6 | 275.1 | 247.8 | 220.5 | 191.3 | 162.2 | 133.0 | 107.5 | 82.0 | 60.1 |
| 35° | 337.1 | 311.6 | 286.0 | 258.7 | 229.6 | 200.4 | 171.3 | 140.3 | 111.1 | 85.6 | 61.9 |
| 32.5° | 348.0 | 324.3 | 297.0 | 267.8 | 238.7 | 209.5 | 178.6 | 147.6 | 116.6 | 91.1 | 65.6 |
| 30° | 358.9 | 333.4 | 306.1 | 276.9 | 247.8 | 216.8 | 185.8 | 153.0 | 122.1 | 92.9 | 67.4 |
| 27.5° | 368.0 | 342.5 | 315.2 | 286.0 | 255.1 | 224.1 | 191.3 | 158.5 | 125.7 | 96.6 | 71.1 |
| 25° | 377.1 | 351.6 | 324.3 | 293.3 | 262.4 | 229.6 | 196.8 | 164.0 | 131.2 | 100.2 | 72.9 |
| 22.5° | 386.3 | 357.1 | 331.6 | 300.6 | 269.6 | 236.9 | 202.2 | 167.6 | 134.8 | 102.0 | 74.7 |
| 20° | 393.5 | 364.4 | 337.1 | 306.1 | 275.1 | 242.3 | 207.7 | 173.1 | 138.5 | 105.7 | 76.5 |
| 17.5° | 400.8 | 371.7 | 342.5 | 313.4 | 280.6 | 246.0 | 211.3 | 176.7 | 140.3 | 107.5 | 78.3 |
| 15° | 408.1 | 377.1 | 348.0 | 317.0 | 284.2 | 251.4 | 215.0 | 180.4 | 143.9 | 109.3 | 80.2 |
| 12.5° | 413.6 | 380.8 | 351.6 | 322.5 | 287.9 | 255.1 | 218.6 | 182.2 | 145.8 | 111.1 | 80.2 |
| 10° | 417.2 | 384.4 | 355.3 | 326.1 | 291.5 | 256.9 | 220.5 | 185.8 | 147.6 | 113.0 | 82.0 |
| 7.5° | 420.9 | 388.1 | 357.1 | 328.0 | 293.3 | 258.7 | 224.1 | 187.7 | 149.4 | 113.0 | 83.8 |
| 5° | 424.5 | 389.9 | 358.9 | 329.8 | 295.2 | 262.4 | 225.9 | 189.5 | 151.2 | 114.8 | 83.8 |
| 2.5° | 426.3 | 391.7 | 360.7 | 331.6 | 297.0 | 262.4 | 225.9 | 189.5 | 151.2 | 114.8 | 83.8 |
| 0° | 426.3 | 391.7 | 360.7 | 331.6 | 297.0 | 262.4 | 225.9 | 189.5 | 151.2 | 114.8 | 83.8 |



REPORT NUMBER: P623202
 CATALOG NUMBER: IFLD-S-SA3C-830-U-33

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.8 | 1.8 | 0.0 | 0.0 |
| 85° | 3.6 | 1.8 | 1.8 | 0.0 |
| 82.5° | 5.5 | 3.6 | 1.8 | 0.0 |
| 80° | 7.3 | 5.5 | 1.8 | 0.0 |
| 77.5° | 9.1 | 5.5 | 3.6 | 0.0 |
| 75° | 10.9 | 7.3 | 3.6 | 0.0 |
| 72.5° | 12.8 | 9.1 | 3.6 | 0.0 |
| 70° | 14.6 | 9.1 | 5.5 | 0.0 |
| 67.5° | 16.4 | 10.9 | 5.5 | 0.0 |
| 65° | 20.0 | 12.8 | 5.5 | 0.0 |
| 62.5° | 21.9 | 12.8 | 7.3 | 0.0 |
| 60° | 23.7 | 14.6 | 7.3 | 0.0 |
| 57.5° | 25.5 | 16.4 | 7.3 | 0.0 |
| 55° | 27.3 | 16.4 | 9.1 | 0.0 |
| 52.5° | 29.2 | 18.2 | 9.1 | 0.0 |
| 50° | 31.0 | 20.0 | 9.1 | 0.0 |
| 47.5° | 32.8 | 21.9 | 9.1 | 0.0 |
| 45° | 34.6 | 21.9 | 10.9 | 0.0 |
| 42.5° | 38.3 | 23.7 | 10.9 | 0.0 |
| 40° | 40.1 | 23.7 | 10.9 | 0.0 |
| 37.5° | 41.9 | 25.5 | 10.9 | 0.0 |
| 35° | 41.9 | 25.5 | 12.8 | 0.0 |
| 32.5° | 43.7 | 27.3 | 12.8 | 0.0 |
| 30° | 45.5 | 27.3 | 12.8 | 0.0 |
| 27.5° | 47.4 | 29.2 | 12.8 | 0.0 |
| 25° | 49.2 | 29.2 | 12.8 | 0.0 |
| 22.5° | 49.2 | 29.2 | 12.8 | 0.0 |
| 20° | 51.0 | 31.0 | 14.6 | 0.0 |
| 17.5° | 51.0 | 31.0 | 14.6 | 0.0 |
| 15° | 52.8 | 31.0 | 14.6 | 0.0 |
| 12.5° | 52.8 | 32.8 | 14.6 | 0.0 |
| 10° | 52.8 | 32.8 | 14.6 | 0.0 |
| 7.5° | 54.7 | 32.8 | 14.6 | 0.0 |
| 5° | 54.7 | 32.8 | 14.6 | 0.0 |
| 2.5° | 54.7 | 32.8 | 14.6 | 0.0 |
| 0° | 54.7 | 32.8 | 14.6 | 0.0 |

(END OF REPORT)