

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: P722796

Luminaire Tested: **IFLD-S-SA2E-722-U-11**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P722796
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-722-U-11
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

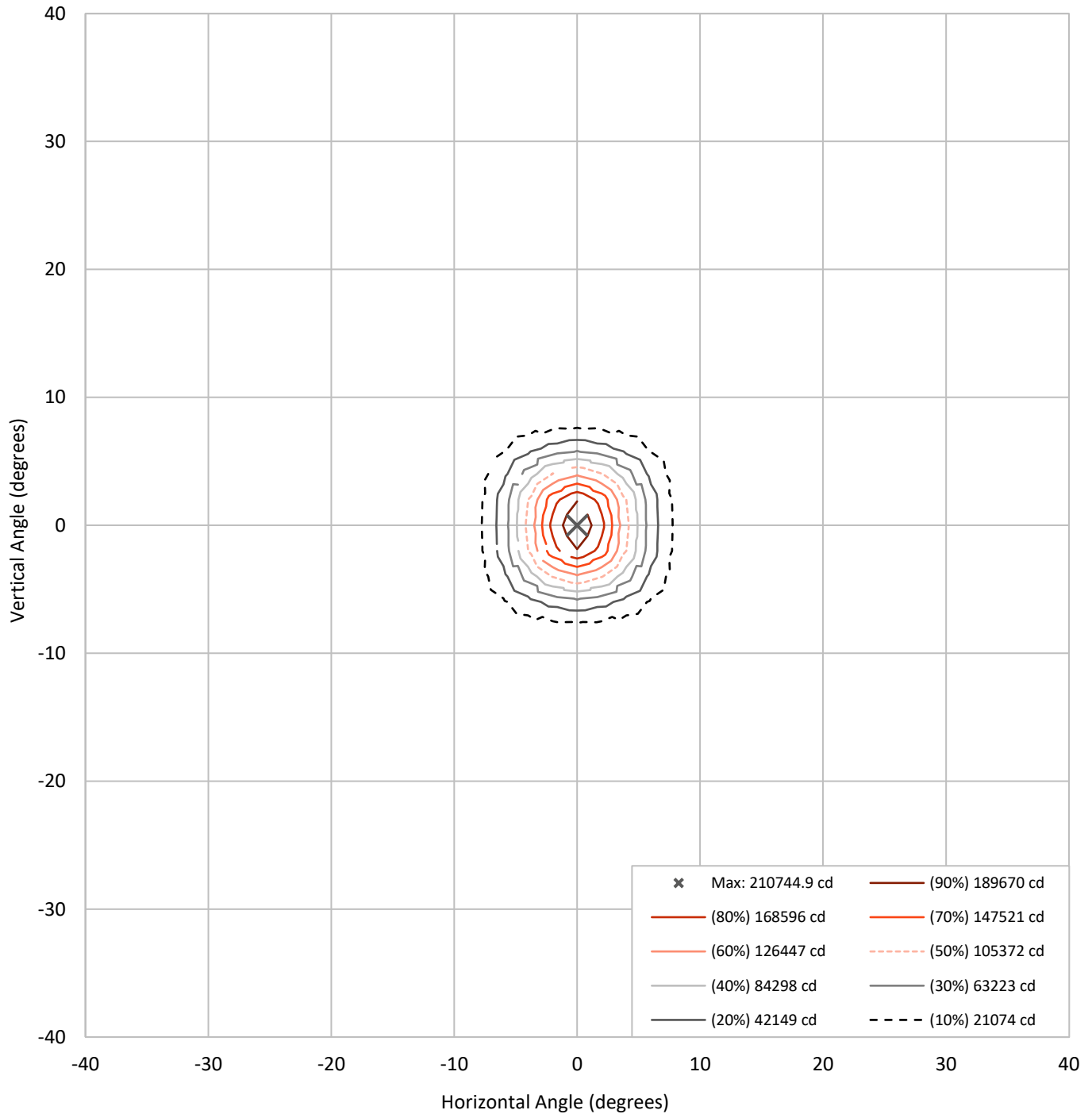
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 1H x 1V |
| Luminaire Lumens: | 7031.5 lumens | Max Intensity: | 210744.9 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 45.0 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' 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: | 2368.9 lumens | Field Lumens: | 3741.8 lumens |
| Beam Efficiency: | 33.7% | Field Efficiency: | 53.2% |

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: P722796
CATALOG NUMBER: IFLD-S-SA2E-722-U-11

Iso-Candela Plot





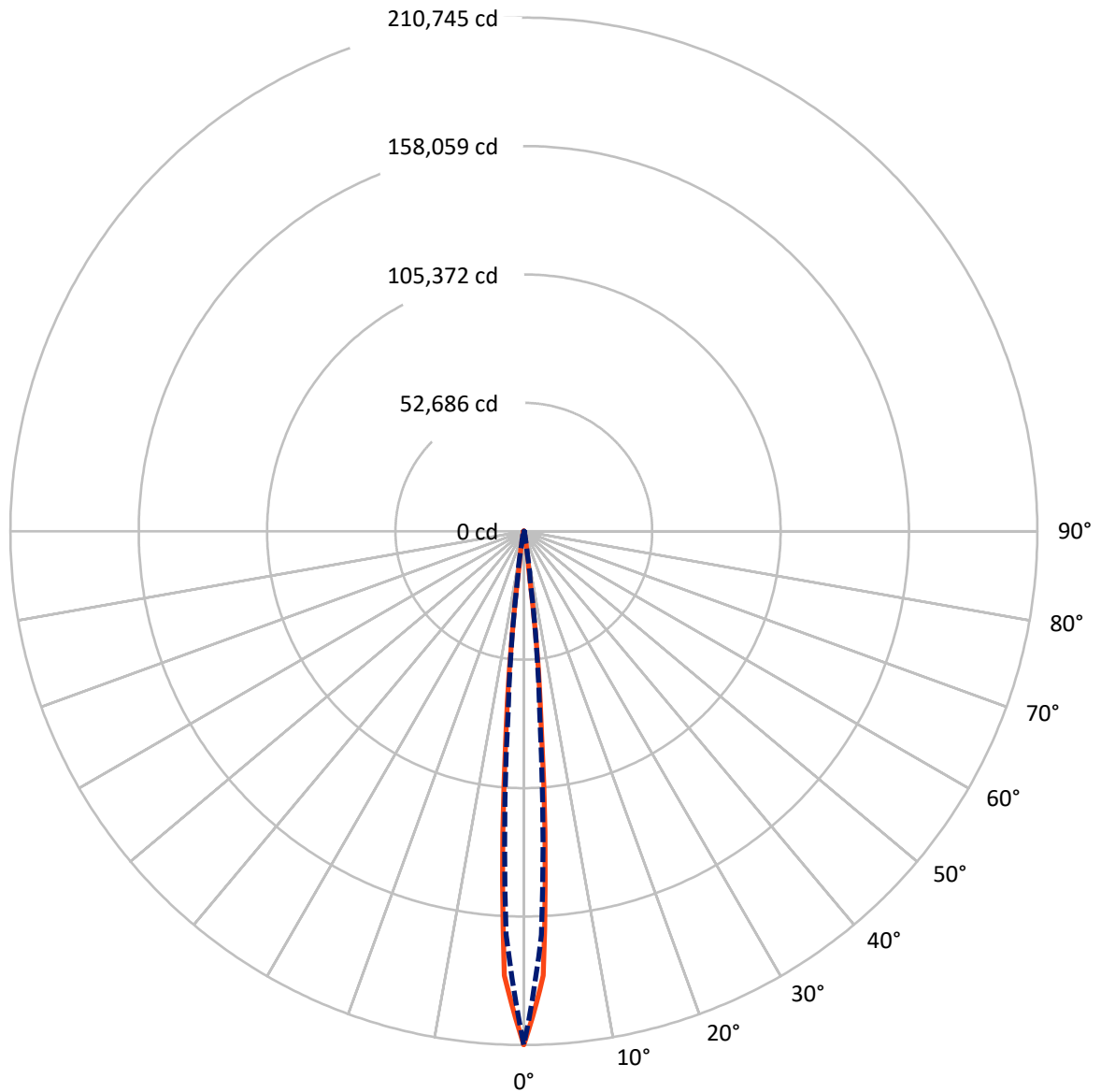
REPORT NUMBER: P722796
 CATALOG NUMBER: IFLD-S-SA2E-722-U-11

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|------|--------|--------|------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | 0.0 | 0.3 | 1.0 | 2.2 | 3.8 | 2.2 | 1.0 | 0.3 | 0.0 | | | | | | | | | | |
| 80 | 0.0 | 0.3 | 1.0 | 2.2 | 3.8 | 2.2 | 1.0 | 0.3 | 0.0 | | | | | | | | | | |
| 70 | 0.2 | 0.2 | 0.5 | 1.0 | 1.5 | 1.9 | 3.1 | 5.6 | 5.6 | 3.1 | 1.9 | 1.5 | 1.0 | 0.5 | 0.2 | 0.2 | | | |
| 60 | | 0.4 | 0.9 | 1.8 | 2.8 | 3.6 | 4.9 | 6.9 | 6.9 | 4.9 | 3.6 | 2.8 | 1.8 | 0.9 | 0.4 | | | | |
| 50 | 0.5 | 0.6 | 1.3 | 2.7 | 4.6 | 6.8 | 8.8 | 10.8 | 10.8 | 8.8 | 6.8 | 4.6 | 2.7 | 1.3 | 0.6 | 0.5 | | | |
| 40 | | 1.0 | 1.9 | 3.9 | 7.1 | 9.5 | 10.5 | 11.2 | 11.2 | 10.5 | 9.5 | 7.1 | 3.9 | 1.9 | 1.0 | | | | |
| 30 | 1.0 | 1.4 | 2.6 | 5.5 | 8.7 | 10.0 | 13.2 | 17.6 | 17.6 | 13.2 | 10.0 | 8.7 | 5.5 | 2.6 | 1.4 | 1.0 | | | |
| 20 | | 2.0 | 3.6 | 7.3 | 9.6 | 12.8 | 25.7 | 49.3 | 49.3 | 25.7 | 12.8 | 9.6 | 7.3 | 3.6 | 2.0 | | | | |
| 10 | 1.1 | 2.2 | 4.4 | 8.2 | 10.0 | 16.8 | 51.1 | 1372.8 | 1372.8 | 51.1 | 16.8 | 10.0 | 8.2 | 4.4 | 2.2 | 1.1 | | | |
| 0 | | 2.2 | 4.4 | 8.2 | 10.0 | 16.8 | 51.1 | 1372.8 | 1372.8 | 51.1 | 16.8 | 10.0 | 8.2 | 4.4 | 2.2 | | | | |
| -10 | 1.0 | 2.0 | 3.6 | 7.3 | 9.6 | 12.8 | 25.7 | 49.3 | 49.3 | 25.7 | 12.8 | 9.6 | 7.3 | 3.6 | 2.0 | 1.0 | | | |
| -20 | | 1.4 | 2.6 | 5.5 | 8.7 | 10.0 | 13.2 | 17.6 | 17.6 | 13.2 | 10.0 | 8.7 | 5.5 | 2.6 | 1.4 | | | | |
| -30 | 0.5 | 1.0 | 1.9 | 3.9 | 7.1 | 9.5 | 10.5 | 11.2 | 11.2 | 10.5 | 9.5 | 7.1 | 3.9 | 1.9 | 1.0 | 0.5 | | | |
| -40 | | 0.6 | 1.3 | 2.7 | 4.6 | 6.8 | 8.8 | 10.8 | 10.8 | 8.8 | 6.8 | 4.6 | 2.7 | 1.3 | 0.6 | | | | |
| -50 | 0.2 | 0.4 | 0.9 | 1.8 | 2.8 | 3.6 | 4.9 | 6.9 | 6.9 | 4.9 | 3.6 | 2.8 | 1.8 | 0.9 | 0.4 | 0.2 | | | |
| -60 | | 0.2 | 0.5 | 1.0 | 1.5 | 1.9 | 3.1 | 5.6 | 5.6 | 3.1 | 1.9 | 1.5 | 1.0 | 0.5 | 0.2 | | | | |
| -70 | 0.0 | 0.3 | 1.0 | 2.2 | 3.8 | 2.2 | 1.0 | 0.3 | 0.0 | | | | | | | | | | |
| -80 | | 0.0 | 0.3 | 1.0 | 2.2 | 3.8 | 2.2 | 1.0 | 0.3 | 0.0 | | | | | | | | | |
| -90 | 0.0 | 0.3 | 1.0 | 2.2 | 3.8 | 2.2 | 1.0 | 0.3 | 0.0 | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P722796
CATALOG NUMBER: IFLD-S-SA2E-722-U-11

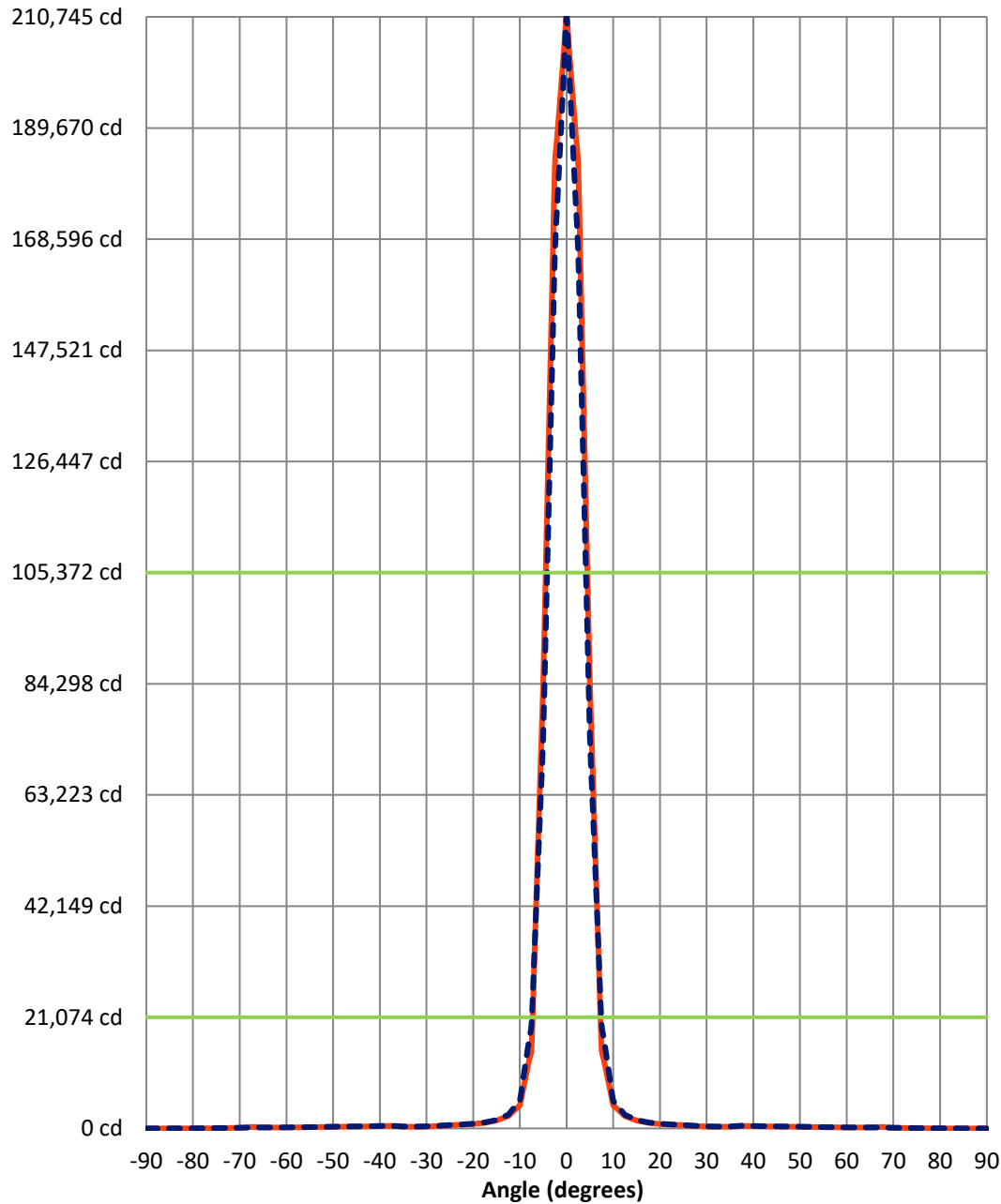
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722796
CATALOG NUMBER: IFLD-S-SA2E-722-U-11

Luminous Intensity Plot



Beam:
H Angle: 8.3°
V Angle: 8.9°
Lumens: 2368.9
Efficiency: 33.7%

Field:
H Angle: 14.9°
V Angle: 14.6°
Lumens: 3741.8
Efficiency: 53.2%

Spill:
Lumens: 3289.6
Efficiency: 46.8%

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



REPORT NUMBER: P722796
 CATALOG NUMBER: IFLD-S-SA2E-722-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° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 82.5° | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 3.7 | 3.7 | 3.7 | 3.7 |
| 80° | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 12.9 | 12.9 | 11.0 | 9.2 | 9.2 |
| 77.5° | 27.6 | 29.4 | 31.2 | 29.4 | 27.6 | 27.6 | 25.7 | 22.0 | 20.2 | 16.5 | 14.7 |
| 75° | 45.9 | 49.6 | 51.4 | 49.6 | 47.8 | 45.9 | 42.2 | 36.7 | 31.2 | 25.7 | 22.0 |
| 72.5° | 82.7 | 84.5 | 84.5 | 80.8 | 75.3 | 71.6 | 66.1 | 55.1 | 45.9 | 36.7 | 31.2 |
| 70° | 143.3 | 148.8 | 150.6 | 132.2 | 115.7 | 101.0 | 86.3 | 73.5 | 58.8 | 45.9 | 40.4 |
| 67.5° | 275.5 | 268.2 | 255.3 | 205.7 | 159.8 | 119.4 | 91.8 | 80.8 | 68.0 | 55.1 | 51.4 |
| 65° | 207.5 | 202.0 | 194.7 | 169.0 | 143.3 | 115.7 | 97.3 | 86.3 | 77.1 | 66.1 | 64.3 |
| 62.5° | 174.5 | 174.5 | 170.8 | 154.3 | 137.8 | 117.5 | 104.7 | 97.3 | 88.2 | 79.0 | 79.0 |
| 60° | 181.8 | 185.5 | 181.8 | 165.3 | 146.9 | 128.6 | 117.5 | 110.2 | 101.0 | 95.5 | 95.5 |
| 57.5° | 205.7 | 207.5 | 202.0 | 183.7 | 165.3 | 145.1 | 134.1 | 124.9 | 115.7 | 110.2 | 110.2 |
| 55° | 236.9 | 235.1 | 227.7 | 209.4 | 191.0 | 170.8 | 159.8 | 146.9 | 134.1 | 128.6 | 128.6 |
| 52.5° | 266.3 | 268.2 | 260.8 | 244.3 | 224.1 | 203.9 | 191.0 | 174.5 | 159.8 | 154.3 | 150.6 |
| 50° | 308.6 | 310.4 | 304.9 | 288.4 | 271.8 | 251.6 | 231.4 | 209.4 | 192.9 | 185.5 | 178.2 |
| 47.5° | 345.3 | 345.3 | 339.8 | 328.8 | 315.9 | 297.5 | 275.5 | 255.3 | 236.9 | 224.1 | 211.2 |
| 45° | 361.8 | 361.8 | 358.2 | 352.6 | 345.3 | 328.8 | 306.7 | 284.7 | 271.8 | 264.5 | 253.5 |
| 42.5° | 391.2 | 391.2 | 382.0 | 371.0 | 361.8 | 345.3 | 325.1 | 301.2 | 297.5 | 290.2 | 282.8 |
| 40° | 439.0 | 422.4 | 407.7 | 394.9 | 380.2 | 361.8 | 343.5 | 326.9 | 319.6 | 310.4 | 303.1 |
| 37.5° | 483.0 | 461.0 | 439.0 | 418.8 | 402.2 | 387.5 | 363.7 | 350.8 | 341.6 | 330.6 | 323.3 |
| 35° | 332.4 | 325.1 | 334.3 | 345.3 | 361.8 | 387.5 | 404.1 | 385.7 | 365.5 | 352.6 | 343.5 |
| 32.5° | 317.7 | 317.7 | 319.6 | 319.6 | 315.9 | 314.1 | 330.6 | 369.2 | 407.7 | 387.5 | 369.2 |
| 30° | 352.6 | 360.0 | 361.8 | 358.2 | 345.3 | 328.8 | 319.6 | 317.7 | 336.1 | 389.4 | 404.1 |
| 27.5° | 455.5 | 461.0 | 457.3 | 444.5 | 416.9 | 378.4 | 354.5 | 328.8 | 323.3 | 323.3 | 382.0 |
| 25° | 617.1 | 615.3 | 600.6 | 571.2 | 529.0 | 477.5 | 426.1 | 372.8 | 345.3 | 328.8 | 326.9 |
| 22.5° | 709.0 | 709.0 | 697.9 | 681.4 | 653.9 | 602.4 | 530.8 | 459.2 | 391.2 | 352.6 | 330.6 |
| 20° | 833.9 | 837.5 | 824.7 | 793.4 | 743.9 | 697.9 | 644.7 | 560.2 | 472.0 | 394.9 | 350.8 |
| 17.5° | 1069.0 | 1065.3 | 1035.9 | 971.6 | 885.3 | 806.3 | 723.7 | 659.4 | 565.7 | 466.5 | 383.9 |
| 15° | 1498.7 | 1487.7 | 1405.1 | 1256.3 | 1094.7 | 955.1 | 833.9 | 727.3 | 653.9 | 541.8 | 440.8 |
| 12.5° | 2343.6 | 2312.4 | 2088.3 | 1735.7 | 1425.3 | 1140.6 | 960.6 | 817.3 | 709.0 | 615.3 | 495.9 |
| 10° | 4397.0 | 4364.0 | 3675.2 | 2538.3 | 1950.6 | 1428.9 | 1102.0 | 903.6 | 762.2 | 668.6 | 549.2 |
| 7.5° | 15108.6 | 13064.3 | 8086.9 | 4951.7 | 2578.7 | 1770.6 | 1283.8 | 999.2 | 821.0 | 701.6 | 595.1 |
| 5° | 84584.8 | 69999.7 | 37169.0 | 10145.8 | 4088.5 | 2196.7 | 1458.3 | 1078.1 | 861.4 | 725.5 | 622.6 |
| 2.5° | 182472.8 | 150734.9 | 72501.3 | 18387.1 | 5038.0 | 2474.0 | 1559.3 | 1114.9 | 881.6 | 736.5 | 639.2 |
| 0° | 210744.9 | 165707.5 | 74047.8 | 19900.5 | 5278.6 | 2584.2 | 1603.4 | 1131.4 | 890.8 | 743.9 | 644.7 |



REPORT NUMBER: P722796
 CATALOG NUMBER: IFLD-S-SA2E-722-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 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 85° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 82.5° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 80° | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 5.5 | 5.5 | 5.5 | 3.7 | 3.7 | 3.7 |
| 77.5° | 14.7 | 14.7 | 12.9 | 12.9 | 11.0 | 11.0 | 11.0 | 9.2 | 7.3 | 7.3 | 5.5 |
| 75° | 22.0 | 22.0 | 22.0 | 20.2 | 18.4 | 16.5 | 16.5 | 14.7 | 12.9 | 11.0 | 11.0 |
| 72.5° | 31.2 | 31.2 | 31.2 | 29.4 | 27.6 | 25.7 | 22.0 | 20.2 | 18.4 | 16.5 | 14.7 |
| 70° | 40.4 | 40.4 | 40.4 | 38.6 | 38.6 | 36.7 | 33.1 | 29.4 | 25.7 | 22.0 | 20.2 |
| 67.5° | 51.4 | 51.4 | 51.4 | 47.8 | 45.9 | 44.1 | 42.2 | 38.6 | 34.9 | 29.4 | 25.7 |
| 65° | 64.3 | 64.3 | 64.3 | 58.8 | 55.1 | 53.3 | 49.6 | 45.9 | 40.4 | 36.7 | 31.2 |
| 62.5° | 80.8 | 80.8 | 77.1 | 71.6 | 66.1 | 60.6 | 56.9 | 53.3 | 47.8 | 42.2 | 36.7 |
| 60° | 95.5 | 95.5 | 93.7 | 86.3 | 79.0 | 69.8 | 66.1 | 60.6 | 55.1 | 49.6 | 42.2 |
| 57.5° | 110.2 | 110.2 | 106.5 | 99.2 | 91.8 | 84.5 | 77.1 | 71.6 | 64.3 | 56.9 | 49.6 |
| 55° | 126.7 | 124.9 | 119.4 | 112.0 | 104.7 | 97.3 | 91.8 | 84.5 | 77.1 | 68.0 | 56.9 |
| 52.5° | 146.9 | 141.4 | 132.2 | 124.9 | 115.7 | 108.4 | 102.9 | 95.5 | 88.2 | 77.1 | 64.3 |
| 50° | 170.8 | 161.6 | 148.8 | 137.8 | 128.6 | 121.2 | 113.9 | 106.5 | 99.2 | 86.3 | 73.5 |
| 47.5° | 200.2 | 185.5 | 170.8 | 156.1 | 143.3 | 134.1 | 124.9 | 117.5 | 106.5 | 93.7 | 80.8 |
| 45° | 235.1 | 213.1 | 196.5 | 178.2 | 163.5 | 148.8 | 137.8 | 128.6 | 113.9 | 99.2 | 86.3 |
| 42.5° | 270.0 | 251.6 | 227.7 | 203.9 | 185.5 | 167.1 | 152.4 | 137.8 | 123.1 | 106.5 | 91.8 |
| 40° | 293.9 | 279.2 | 262.6 | 236.9 | 211.2 | 189.2 | 169.0 | 148.8 | 130.4 | 113.9 | 97.3 |
| 37.5° | 312.2 | 301.2 | 286.5 | 268.2 | 242.4 | 214.9 | 187.3 | 161.6 | 139.6 | 121.2 | 104.7 |
| 35° | 332.4 | 319.6 | 304.9 | 290.2 | 270.0 | 240.6 | 205.7 | 176.3 | 150.6 | 128.6 | 113.9 |
| 32.5° | 354.5 | 336.1 | 321.4 | 304.9 | 290.2 | 266.3 | 229.6 | 192.9 | 161.6 | 139.6 | 124.9 |
| 30° | 380.2 | 356.3 | 336.1 | 319.6 | 303.1 | 281.0 | 253.5 | 211.2 | 178.2 | 154.3 | 135.9 |
| 27.5° | 407.7 | 372.8 | 350.8 | 332.4 | 315.9 | 295.7 | 270.0 | 233.3 | 198.4 | 169.0 | 146.9 |
| 25° | 382.0 | 400.4 | 365.5 | 345.3 | 326.9 | 306.7 | 284.7 | 260.8 | 220.4 | 187.3 | 161.6 |
| 22.5° | 328.8 | 393.1 | 391.2 | 361.8 | 339.8 | 321.4 | 308.6 | 282.8 | 246.1 | 205.7 | 174.5 |
| 20° | 332.4 | 350.8 | 418.8 | 378.4 | 356.3 | 343.5 | 330.6 | 306.7 | 270.0 | 222.2 | 187.3 |
| 17.5° | 343.5 | 336.1 | 385.7 | 404.1 | 378.4 | 361.8 | 352.6 | 330.6 | 292.0 | 244.3 | 207.5 |
| 15° | 372.8 | 341.6 | 356.3 | 426.1 | 398.6 | 380.2 | 374.7 | 347.1 | 312.2 | 268.2 | 227.7 |
| 12.5° | 398.6 | 350.8 | 343.5 | 411.4 | 416.9 | 396.7 | 383.9 | 360.0 | 328.8 | 288.4 | 246.1 |
| 10° | 440.8 | 372.8 | 349.0 | 394.9 | 435.3 | 411.4 | 391.2 | 371.0 | 341.6 | 306.7 | 264.5 |
| 7.5° | 473.9 | 385.7 | 350.8 | 382.0 | 453.7 | 422.4 | 398.6 | 376.5 | 352.6 | 321.4 | 279.2 |
| 5° | 488.6 | 391.2 | 349.0 | 371.0 | 473.9 | 435.3 | 407.7 | 382.0 | 360.0 | 330.6 | 286.5 |
| 2.5° | 495.9 | 393.1 | 347.1 | 361.8 | 494.1 | 451.8 | 411.4 | 382.0 | 360.0 | 332.4 | 286.5 |
| 0° | 499.6 | 389.4 | 347.1 | 367.3 | 508.8 | 468.4 | 413.3 | 382.0 | 358.2 | 330.6 | 282.8 |



REPORT NUMBER: P722796
 CATALOG NUMBER: IFLD-S-SA2E-722-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° | 1.8 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 0.0 |
| 82.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 80° | 3.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 77.5° | 5.5 | 5.5 | 3.7 | 3.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 75° | 9.2 | 7.3 | 7.3 | 5.5 | 5.5 | 3.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 72.5° | 12.9 | 11.0 | 9.2 | 7.3 | 7.3 | 5.5 | 3.7 | 1.8 | 1.8 | 1.8 | 1.8 |
| 70° | 16.5 | 14.7 | 11.0 | 9.2 | 9.2 | 7.3 | 5.5 | 3.7 | 1.8 | 1.8 | 1.8 |
| 67.5° | 22.0 | 18.4 | 14.7 | 11.0 | 11.0 | 9.2 | 7.3 | 5.5 | 3.7 | 1.8 | 1.8 |
| 65° | 27.6 | 22.0 | 18.4 | 14.7 | 12.9 | 11.0 | 9.2 | 7.3 | 5.5 | 1.8 | 1.8 |
| 62.5° | 31.2 | 27.6 | 22.0 | 18.4 | 16.5 | 12.9 | 11.0 | 9.2 | 5.5 | 3.7 | 1.8 |
| 60° | 36.7 | 31.2 | 25.7 | 22.0 | 20.2 | 16.5 | 12.9 | 11.0 | 7.3 | 5.5 | 1.8 |
| 57.5° | 42.2 | 34.9 | 29.4 | 25.7 | 23.9 | 20.2 | 16.5 | 12.9 | 9.2 | 5.5 | 3.7 |
| 55° | 47.8 | 40.4 | 33.1 | 31.2 | 27.6 | 23.9 | 20.2 | 14.7 | 11.0 | 7.3 | 3.7 |
| 52.5° | 53.3 | 44.1 | 38.6 | 36.7 | 33.1 | 27.6 | 22.0 | 18.4 | 12.9 | 9.2 | 5.5 |
| 50° | 60.6 | 49.6 | 44.1 | 42.2 | 36.7 | 31.2 | 25.7 | 22.0 | 16.5 | 11.0 | 5.5 |
| 47.5° | 68.0 | 55.1 | 51.4 | 47.8 | 42.2 | 36.7 | 29.4 | 25.7 | 18.4 | 12.9 | 7.3 |
| 45° | 73.5 | 64.3 | 58.8 | 55.1 | 47.8 | 42.2 | 34.9 | 29.4 | 20.2 | 14.7 | 7.3 |
| 42.5° | 77.1 | 71.6 | 68.0 | 62.4 | 55.1 | 45.9 | 38.6 | 33.1 | 23.9 | 16.5 | 9.2 |
| 40° | 86.3 | 80.8 | 75.3 | 69.8 | 62.4 | 51.4 | 44.1 | 36.7 | 27.6 | 18.4 | 9.2 |
| 37.5° | 95.5 | 88.2 | 82.7 | 77.1 | 69.8 | 58.8 | 51.4 | 40.4 | 31.2 | 20.2 | 11.0 |
| 35° | 104.7 | 97.3 | 90.0 | 84.5 | 77.1 | 68.0 | 56.9 | 45.9 | 34.9 | 22.0 | 12.9 |
| 32.5° | 113.9 | 104.7 | 97.3 | 90.0 | 86.3 | 75.3 | 62.4 | 49.6 | 38.6 | 23.9 | 12.9 |
| 30° | 123.1 | 112.0 | 104.7 | 99.2 | 95.5 | 84.5 | 69.8 | 55.1 | 42.2 | 27.6 | 14.7 |
| 27.5° | 132.2 | 119.4 | 110.2 | 110.2 | 106.5 | 93.7 | 75.3 | 60.6 | 45.9 | 29.4 | 16.5 |
| 25° | 141.4 | 126.7 | 123.1 | 121.2 | 119.4 | 102.9 | 82.7 | 66.1 | 47.8 | 33.1 | 16.5 |
| 22.5° | 150.6 | 139.6 | 134.1 | 132.2 | 128.6 | 112.0 | 90.0 | 69.8 | 51.4 | 34.9 | 18.4 |
| 20° | 165.3 | 154.3 | 146.9 | 141.4 | 139.6 | 123.1 | 97.3 | 75.3 | 55.1 | 34.9 | 18.4 |
| 17.5° | 183.7 | 167.1 | 158.0 | 152.4 | 148.8 | 132.2 | 104.7 | 80.8 | 56.9 | 34.9 | 18.4 |
| 15° | 200.2 | 181.8 | 169.0 | 161.6 | 158.0 | 143.3 | 110.2 | 82.7 | 58.8 | 34.9 | 18.4 |
| 12.5° | 216.7 | 194.7 | 180.0 | 172.6 | 167.1 | 154.3 | 115.7 | 84.5 | 58.8 | 34.9 | 18.4 |
| 10° | 231.4 | 207.5 | 192.9 | 181.8 | 174.5 | 158.0 | 117.5 | 86.3 | 58.8 | 34.9 | 18.4 |
| 7.5° | 244.3 | 218.6 | 198.4 | 181.8 | 174.5 | 161.6 | 117.5 | 88.2 | 58.8 | 34.9 | 20.2 |
| 5° | 246.1 | 218.6 | 196.5 | 181.8 | 176.3 | 163.5 | 119.4 | 88.2 | 58.8 | 33.1 | 18.4 |
| 2.5° | 248.0 | 218.6 | 196.5 | 181.8 | 176.3 | 163.5 | 119.4 | 88.2 | 58.8 | 33.1 | 18.4 |
| 0° | 246.1 | 216.7 | 194.7 | 181.8 | 176.3 | 163.5 | 119.4 | 88.2 | 56.9 | 31.2 | 18.4 |



REPORT NUMBER: P722796
 CATALOG NUMBER: IFLD-S-SA2E-722-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° | 1.8 | 0.0 | 0.0 | 0.0 |
| 77.5° | 1.8 | 0.0 | 0.0 | 0.0 |
| 75° | 1.8 | 1.8 | 0.0 | 0.0 |
| 72.5° | 1.8 | 1.8 | 0.0 | 0.0 |
| 70° | 1.8 | 1.8 | 0.0 | 0.0 |
| 67.5° | 1.8 | 1.8 | 0.0 | 0.0 |
| 65° | 1.8 | 1.8 | 0.0 | 0.0 |
| 62.5° | 1.8 | 1.8 | 0.0 | 0.0 |
| 60° | 1.8 | 1.8 | 0.0 | 0.0 |
| 57.5° | 1.8 | 1.8 | 1.8 | 0.0 |
| 55° | 1.8 | 1.8 | 1.8 | 0.0 |
| 52.5° | 1.8 | 1.8 | 1.8 | 0.0 |
| 50° | 1.8 | 1.8 | 1.8 | 0.0 |
| 47.5° | 1.8 | 1.8 | 1.8 | 0.0 |
| 45° | 1.8 | 1.8 | 1.8 | 0.0 |
| 42.5° | 3.7 | 1.8 | 1.8 | 0.0 |
| 40° | 3.7 | 1.8 | 1.8 | 0.0 |
| 37.5° | 5.5 | 1.8 | 1.8 | 0.0 |
| 35° | 5.5 | 1.8 | 1.8 | 0.0 |
| 32.5° | 5.5 | 1.8 | 1.8 | 0.0 |
| 30° | 5.5 | 1.8 | 1.8 | 0.0 |
| 27.5° | 7.3 | 1.8 | 1.8 | 0.0 |
| 25° | 7.3 | 1.8 | 1.8 | 0.0 |
| 22.5° | 7.3 | 1.8 | 1.8 | 0.0 |
| 20° | 7.3 | 1.8 | 1.8 | 0.0 |
| 17.5° | 7.3 | 1.8 | 1.8 | 0.0 |
| 15° | 9.2 | 1.8 | 1.8 | 0.0 |
| 12.5° | 9.2 | 1.8 | 1.8 | 0.0 |
| 10° | 9.2 | 1.8 | 1.8 | 0.0 |
| 7.5° | 9.2 | 1.8 | 1.8 | 0.0 |
| 5° | 9.2 | 1.8 | 1.8 | 0.0 |
| 2.5° | 9.2 | 1.8 | 1.8 | 0.0 |
| 0° | 9.2 | 1.8 | 1.8 | 0.0 |

(END OF REPORT)