

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: P723346

Luminaire Tested: **IFLD-S-SA2D-750-U-22**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723346
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-750-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

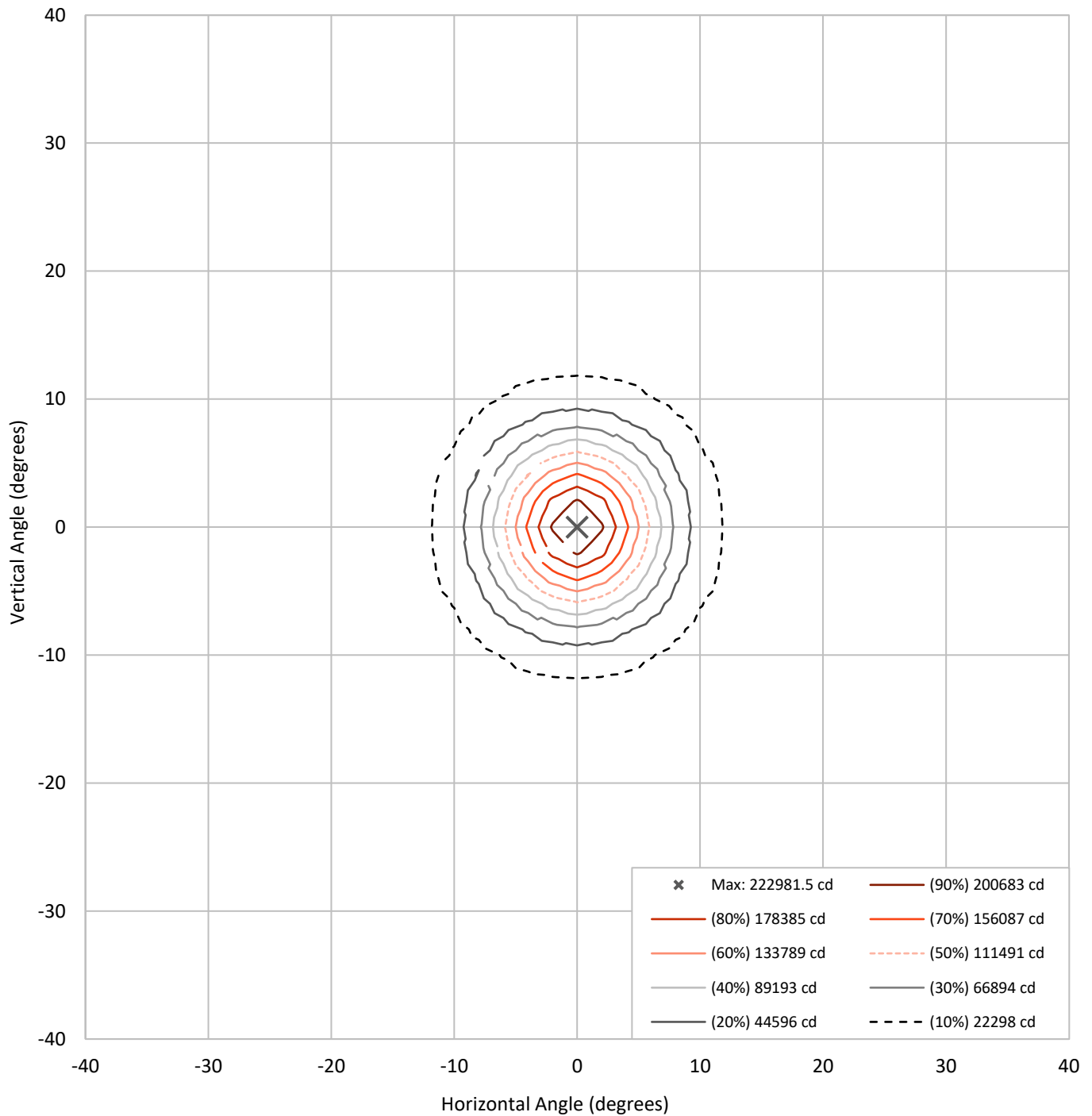
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 2H x 2V |
| Luminaire Lumens: | 14931.4 lumens | Max Intensity: | 222981.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 120.5 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: | 3616.9 lumens | Field Lumens: | 7772.8 lumens |
| Beam Efficiency: | 24.2% | Field Efficiency: | 52.1% |

Input Watts (W): 123.9
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



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Iso-Candela Plot





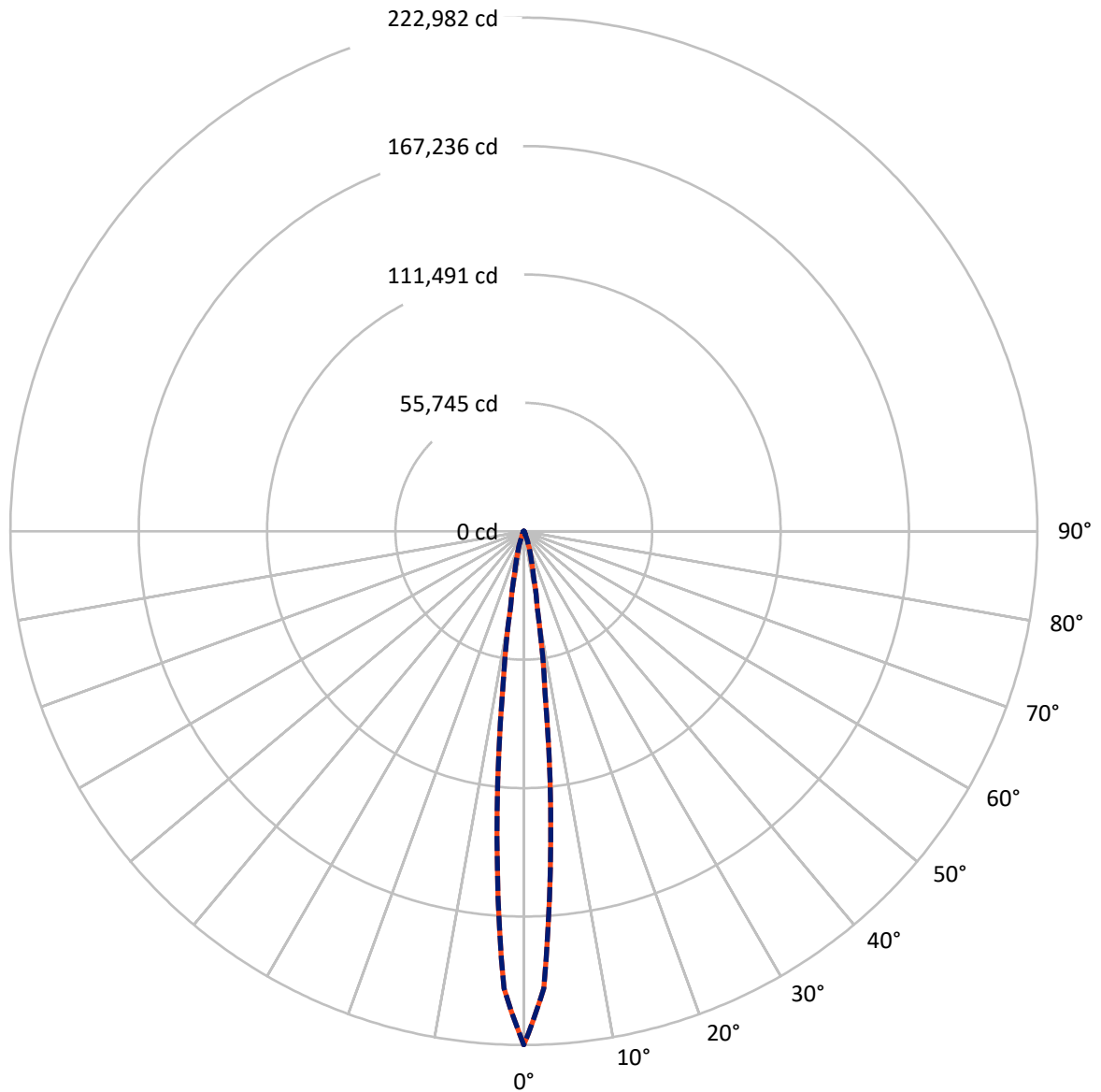
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | 0.5 | 3.2 | | 7.2 | | 10.8 | | 12.2 | | 10.8 | | 7.2 | | 3.2 | | 0.5 | | | |
| 80 | 0.5 | 3.2 | | 7.2 | | 10.8 | | 12.2 | | 10.8 | | 7.2 | | 3.2 | | 0.5 | | | |
| 70 | 1.4 | 1.3 | 2.5 | 3.8 | 5.1 | 6.2 | 7.0 | 7.3 | 7.3 | 7.0 | 6.2 | 5.1 | 3.8 | 2.5 | 1.3 | 1.4 | | | |
| 60 | | 1.8 | 3.4 | 5.1 | 6.5 | 7.5 | 8.1 | 8.5 | 8.5 | 8.1 | 7.5 | 6.5 | 5.1 | 3.4 | 1.8 | | | | |
| 50 | 2.1 | 2.3 | 4.2 | 5.7 | 7.0 | 8.2 | 9.4 | 10.2 | 10.2 | 9.4 | 8.2 | 7.0 | 5.7 | 4.2 | 2.3 | 2.1 | | | |
| 40 | | 2.7 | 4.5 | 6.1 | 7.8 | 10.5 | 13.3 | 15.3 | 15.3 | 13.3 | 10.5 | 7.8 | 6.1 | 4.5 | 2.7 | | | | |
| 30 | 2.6 | 2.9 | 4.7 | 6.4 | 9.5 | 14.4 | 27.3 | 52.2 | 52.2 | 27.3 | 14.4 | 9.5 | 6.4 | 4.7 | 2.9 | 2.6 | | | |
| 20 | | 3.1 | 4.8 | 6.9 | 11.3 | 25.7 | 126.3 | 352.9 | 352.9 | 126.3 | 25.7 | 11.3 | 6.9 | 4.8 | 3.1 | | | | |
| 10 | 2.8 | 3.1 | 4.9 | 7.3 | 12.7 | 48.0 | 344.0 | 2447.7 | 2447.7 | 344.0 | 48.0 | 12.7 | 7.3 | 4.9 | 3.1 | 2.8 | | | |
| 0 | | 3.1 | 4.9 | 7.3 | 12.7 | 48.0 | 344.0 | 2447.7 | 2447.7 | 344.0 | 48.0 | 12.7 | 7.3 | 4.9 | 3.1 | | | | |
| -10 | 2.6 | 3.1 | 4.8 | 6.9 | 11.3 | 25.7 | 126.3 | 352.9 | 352.9 | 126.3 | 25.7 | 11.3 | 6.9 | 4.8 | 3.1 | 2.6 | | | |
| -20 | | 2.9 | 4.7 | 6.4 | 9.5 | 14.4 | 27.3 | 52.2 | 52.2 | 27.3 | 14.4 | 9.5 | 6.4 | 4.7 | 2.9 | | | | |
| -30 | 2.1 | 2.7 | 4.5 | 6.1 | 7.8 | 10.5 | 13.3 | 15.3 | 15.3 | 13.3 | 10.5 | 7.8 | 6.1 | 4.5 | 2.7 | 2.1 | | | |
| -40 | | 2.3 | 4.2 | 5.7 | 7.0 | 8.2 | 9.4 | 10.2 | 10.2 | 9.4 | 8.2 | 7.0 | 5.7 | 4.2 | 2.3 | | | | |
| -50 | 1.4 | 1.8 | 3.4 | 5.1 | 6.5 | 7.5 | 8.1 | 8.5 | 8.5 | 8.1 | 7.5 | 6.5 | 5.1 | 3.4 | 1.8 | 1.4 | | | |
| -60 | | 1.3 | 2.5 | 3.8 | 5.1 | 6.2 | 7.0 | 7.3 | 7.3 | 7.0 | 6.2 | 5.1 | 3.8 | 2.5 | 1.3 | | | | |
| -70 | 0.5 | 3.2 | | 7.2 | | 10.8 | | 12.2 | | 10.8 | | 7.2 | | 3.2 | | 0.5 | | | |
| -80 | | 3.2 | | 7.2 | | 10.8 | | 12.2 | | 10.8 | | 7.2 | | 3.2 | | | | | |
| -90 | 0.5 | 3.2 | | 7.2 | | 10.8 | | 12.2 | | 10.8 | | 7.2 | | 3.2 | | 0.5 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

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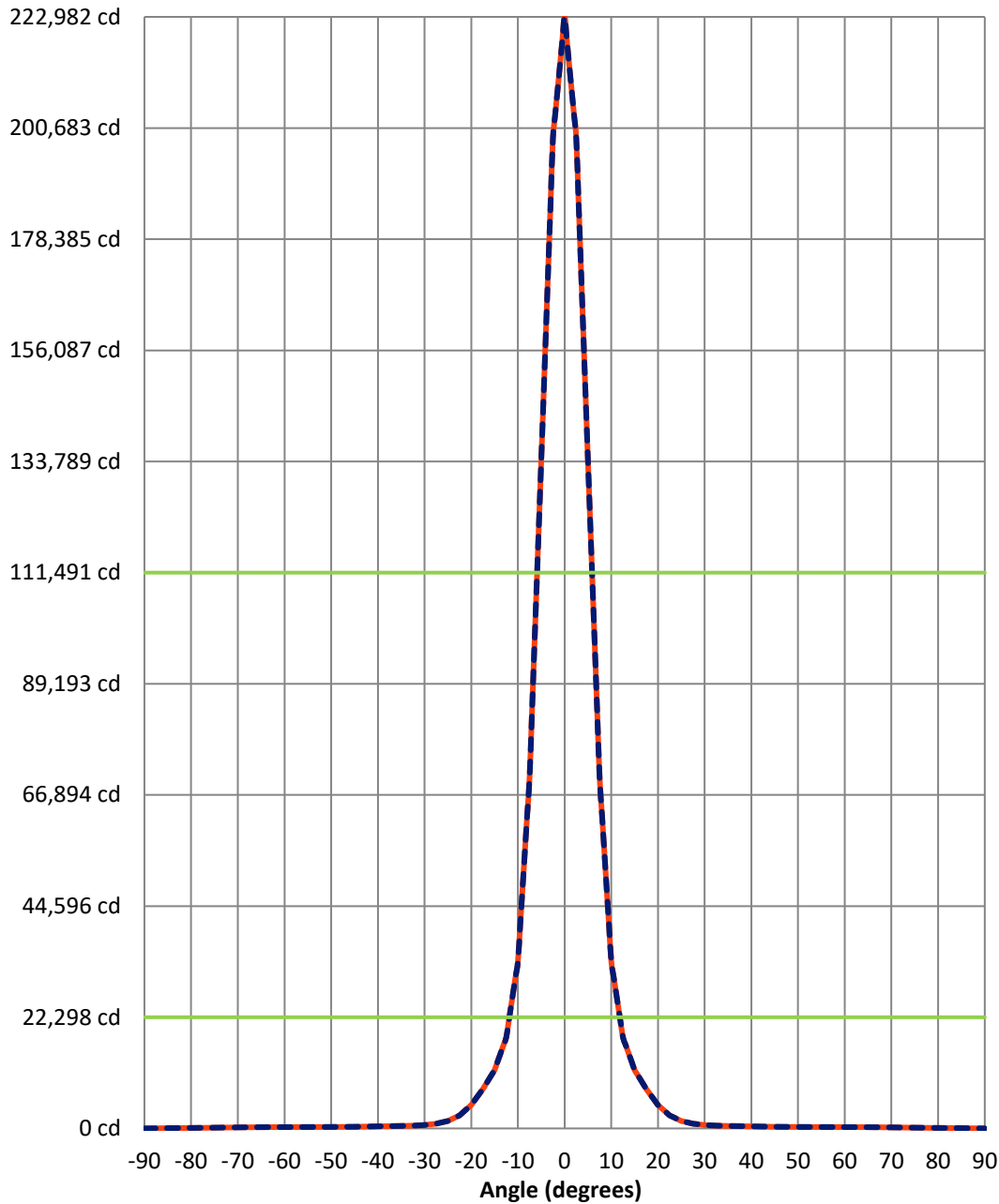
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 11.8°
V Angle: 11.8°
Lumens: 3616.9
Efficiency: 24.2%

Field:
H Angle: 23.7°
V Angle: 23.7°
Lumens: 7772.8
Efficiency: 52.1%

Spill:
Lumens: 7158.6
Efficiency: 47.9%

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



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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° | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 19.8 | 19.8 | 19.8 |
| 85° | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 55.1 | 55.1 | 55.1 | 52.9 | 52.9 | 50.7 |
| 82.5° | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 74.9 | 74.9 | 74.9 | 72.7 | 72.7 | 70.5 |
| 80° | 99.2 | 99.2 | 99.2 | 99.2 | 97.0 | 97.0 | 97.0 | 94.8 | 94.8 | 92.6 | 90.4 |
| 77.5° | 123.4 | 123.4 | 123.4 | 123.4 | 121.2 | 121.2 | 119.0 | 116.8 | 116.8 | 114.6 | 112.4 |
| 75° | 149.9 | 149.9 | 149.9 | 147.6 | 147.6 | 145.4 | 143.2 | 143.2 | 141.0 | 136.6 | 134.4 |
| 72.5° | 178.5 | 178.5 | 178.5 | 176.3 | 176.3 | 174.1 | 171.9 | 169.7 | 165.3 | 163.1 | 158.7 |
| 70° | 207.1 | 207.1 | 207.1 | 204.9 | 202.7 | 200.5 | 198.3 | 196.1 | 191.7 | 189.5 | 185.1 |
| 67.5° | 229.2 | 229.2 | 229.2 | 227.0 | 227.0 | 224.8 | 222.6 | 220.4 | 216.0 | 213.8 | 209.4 |
| 65° | 246.8 | 246.8 | 246.8 | 244.6 | 244.6 | 242.4 | 240.2 | 238.0 | 235.8 | 233.6 | 229.2 |
| 62.5° | 260.0 | 260.0 | 260.0 | 257.8 | 257.8 | 255.6 | 255.6 | 253.4 | 251.2 | 249.0 | 244.6 |
| 60° | 266.6 | 266.6 | 266.6 | 266.6 | 264.4 | 264.4 | 264.4 | 262.2 | 262.2 | 260.0 | 257.8 |
| 57.5° | 275.5 | 275.5 | 275.5 | 275.5 | 273.3 | 273.3 | 271.1 | 268.9 | 268.9 | 266.6 | 264.4 |
| 55° | 279.9 | 279.9 | 279.9 | 279.9 | 279.9 | 277.7 | 277.7 | 277.7 | 275.5 | 273.3 | 271.1 |
| 52.5° | 286.5 | 286.5 | 286.5 | 286.5 | 284.3 | 284.3 | 282.1 | 282.1 | 279.9 | 277.7 | 277.7 |
| 50° | 295.3 | 295.3 | 295.3 | 293.1 | 293.1 | 290.9 | 288.7 | 286.5 | 286.5 | 284.3 | 282.1 |
| 47.5° | 308.5 | 308.5 | 308.5 | 306.3 | 304.1 | 301.9 | 299.7 | 295.3 | 293.1 | 290.9 | 286.5 |
| 45° | 328.4 | 328.4 | 326.1 | 323.9 | 321.7 | 317.3 | 312.9 | 308.5 | 304.1 | 299.7 | 295.3 |
| 42.5° | 368.0 | 368.0 | 363.6 | 359.2 | 352.6 | 343.8 | 335.0 | 326.1 | 319.5 | 312.9 | 306.3 |
| 40° | 414.3 | 414.3 | 409.9 | 403.3 | 394.5 | 385.6 | 372.4 | 359.2 | 346.0 | 328.4 | 319.5 |
| 37.5° | 460.6 | 460.6 | 456.2 | 449.6 | 440.7 | 427.5 | 414.3 | 398.9 | 381.2 | 361.4 | 343.8 |
| 35° | 495.8 | 495.8 | 491.4 | 487.0 | 478.2 | 469.4 | 456.2 | 440.7 | 420.9 | 398.9 | 376.8 |
| 32.5° | 557.5 | 557.5 | 548.7 | 537.7 | 524.5 | 506.9 | 489.2 | 476.0 | 460.6 | 436.3 | 412.1 |
| 30° | 683.1 | 683.1 | 663.3 | 641.3 | 608.2 | 568.6 | 539.9 | 513.5 | 489.2 | 469.4 | 445.1 |
| 27.5° | 947.6 | 936.6 | 903.5 | 848.4 | 775.7 | 683.1 | 630.3 | 570.8 | 531.1 | 495.8 | 473.8 |
| 25° | 1494.1 | 1467.7 | 1392.7 | 1269.3 | 1099.6 | 918.9 | 799.9 | 674.3 | 601.6 | 542.1 | 502.4 |
| 22.5° | 2613.6 | 2554.1 | 2380.0 | 2095.7 | 1710.1 | 1366.3 | 1095.2 | 870.5 | 709.6 | 612.6 | 542.1 |
| 20° | 4698.3 | 4574.9 | 4204.7 | 3609.7 | 2807.5 | 2188.3 | 1577.9 | 1201.0 | 894.7 | 709.6 | 601.6 |
| 17.5° | 7902.5 | 7682.1 | 7032.0 | 5989.7 | 4698.3 | 3536.9 | 2437.3 | 1694.6 | 1201.0 | 870.5 | 674.3 |
| 15° | 11710.5 | 11402.0 | 10502.8 | 9072.6 | 7307.5 | 5425.5 | 3788.2 | 2437.3 | 1577.9 | 1095.2 | 799.9 |
| 12.5° | 18251.1 | 17614.2 | 15769.7 | 12896.1 | 10251.6 | 7765.8 | 5425.5 | 3536.9 | 2188.3 | 1366.3 | 918.9 |
| 10° | 33487.5 | 31629.7 | 26362.9 | 18389.9 | 14048.6 | 10251.6 | 7307.5 | 4698.3 | 2807.5 | 1710.1 | 1099.6 |
| 7.5° | 70463.4 | 62206.1 | 44904.8 | 29882.2 | 18389.9 | 12896.1 | 9072.6 | 5989.7 | 3609.7 | 2095.7 | 1269.3 |
| 5° | 133991.7 | 117124.5 | 80697.4 | 44904.8 | 26362.9 | 15769.7 | 10502.8 | 7032.0 | 4204.7 | 2380.0 | 1392.7 |
| 2.5° | 198635.1 | 175317.7 | 117124.5 | 62206.1 | 31629.7 | 17614.2 | 11402.0 | 7682.1 | 4574.9 | 2554.1 | 1467.7 |
| 0° | 222981.5 | 198635.1 | 133991.7 | 70463.4 | 33487.5 | 18251.1 | 11710.5 | 7902.5 | 4698.3 | 2613.6 | 1494.1 |



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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° | 19.8 | 19.8 | 17.6 | 17.6 | 17.6 | 17.6 | 15.4 | 15.4 | 15.4 | 13.2 | 13.2 |
| 85° | 48.5 | 48.5 | 46.3 | 44.1 | 41.9 | 41.9 | 39.7 | 37.5 | 35.3 | 33.1 | 28.6 |
| 82.5° | 70.5 | 68.3 | 68.3 | 66.1 | 63.9 | 63.9 | 61.7 | 59.5 | 57.3 | 55.1 | 50.7 |
| 80° | 88.1 | 88.1 | 85.9 | 83.7 | 81.5 | 79.3 | 74.9 | 72.7 | 70.5 | 68.3 | 66.1 |
| 77.5° | 110.2 | 108.0 | 103.6 | 101.4 | 99.2 | 94.8 | 92.6 | 88.1 | 85.9 | 81.5 | 77.1 |
| 75° | 132.2 | 127.8 | 125.6 | 121.2 | 116.8 | 112.4 | 108.0 | 103.6 | 99.2 | 94.8 | 90.4 |
| 72.5° | 154.3 | 149.9 | 147.6 | 141.0 | 136.6 | 132.2 | 125.6 | 121.2 | 116.8 | 110.2 | 103.6 |
| 70° | 180.7 | 176.3 | 169.7 | 165.3 | 158.7 | 152.1 | 145.4 | 138.8 | 132.2 | 125.6 | 119.0 |
| 67.5° | 204.9 | 200.5 | 193.9 | 187.3 | 180.7 | 174.1 | 165.3 | 158.7 | 149.9 | 141.0 | 134.4 |
| 65° | 224.8 | 220.4 | 216.0 | 209.4 | 202.7 | 193.9 | 185.1 | 176.3 | 167.5 | 158.7 | 149.9 |
| 62.5° | 240.2 | 235.8 | 231.4 | 227.0 | 220.4 | 213.8 | 207.1 | 196.1 | 187.3 | 176.3 | 165.3 |
| 60° | 253.4 | 251.2 | 246.8 | 240.2 | 235.8 | 229.2 | 222.6 | 213.8 | 204.9 | 191.7 | 180.7 |
| 57.5° | 262.2 | 260.0 | 257.8 | 253.4 | 249.0 | 242.4 | 235.8 | 227.0 | 218.2 | 209.4 | 196.1 |
| 55° | 268.9 | 266.6 | 264.4 | 262.2 | 257.8 | 253.4 | 246.8 | 240.2 | 231.4 | 222.6 | 211.6 |
| 52.5° | 275.5 | 273.3 | 268.9 | 266.6 | 264.4 | 260.0 | 255.6 | 249.0 | 242.4 | 233.6 | 222.6 |
| 50° | 279.9 | 277.7 | 275.5 | 273.3 | 268.9 | 264.4 | 262.2 | 257.8 | 251.2 | 242.4 | 233.6 |
| 47.5° | 284.3 | 282.1 | 279.9 | 277.7 | 275.5 | 271.1 | 266.6 | 262.2 | 257.8 | 251.2 | 242.4 |
| 45° | 290.9 | 286.5 | 284.3 | 279.9 | 277.7 | 275.5 | 271.1 | 266.6 | 262.2 | 257.8 | 249.0 |
| 42.5° | 299.7 | 293.1 | 290.9 | 286.5 | 282.1 | 279.9 | 275.5 | 271.1 | 266.6 | 262.2 | 255.6 |
| 40° | 310.7 | 304.1 | 297.5 | 290.9 | 286.5 | 282.1 | 279.9 | 275.5 | 271.1 | 264.4 | 260.0 |
| 37.5° | 326.1 | 315.1 | 306.3 | 297.5 | 290.9 | 286.5 | 282.1 | 277.7 | 275.5 | 268.9 | 264.4 |
| 35° | 354.8 | 330.6 | 317.3 | 306.3 | 297.5 | 290.9 | 286.5 | 279.9 | 277.7 | 273.3 | 266.6 |
| 32.5° | 385.6 | 359.2 | 332.8 | 317.3 | 306.3 | 297.5 | 290.9 | 284.3 | 279.9 | 275.5 | 268.9 |
| 30° | 418.7 | 387.9 | 359.2 | 330.6 | 315.1 | 304.1 | 293.1 | 286.5 | 282.1 | 277.7 | 273.3 |
| 27.5° | 449.6 | 418.7 | 385.6 | 354.8 | 326.1 | 310.7 | 299.7 | 290.9 | 284.3 | 279.9 | 275.5 |
| 25° | 473.8 | 445.1 | 412.1 | 376.8 | 343.8 | 319.5 | 306.3 | 295.3 | 286.5 | 282.1 | 277.7 |
| 22.5° | 495.8 | 469.4 | 436.3 | 398.9 | 361.4 | 328.4 | 312.9 | 299.7 | 290.9 | 284.3 | 277.7 |
| 20° | 531.1 | 489.2 | 460.6 | 420.9 | 381.2 | 346.0 | 319.5 | 304.1 | 293.1 | 286.5 | 279.9 |
| 17.5° | 570.8 | 513.5 | 476.0 | 440.7 | 398.9 | 359.2 | 326.1 | 308.5 | 295.3 | 286.5 | 282.1 |
| 15° | 630.3 | 539.9 | 489.2 | 456.2 | 414.3 | 372.4 | 335.0 | 312.9 | 299.7 | 288.7 | 282.1 |
| 12.5° | 683.1 | 568.6 | 506.9 | 469.4 | 427.5 | 385.6 | 343.8 | 317.3 | 301.9 | 290.9 | 284.3 |
| 10° | 775.7 | 608.2 | 524.5 | 478.2 | 440.7 | 394.5 | 352.6 | 321.7 | 304.1 | 293.1 | 284.3 |
| 7.5° | 848.4 | 641.3 | 537.7 | 487.0 | 449.6 | 403.3 | 359.2 | 323.9 | 306.3 | 293.1 | 286.5 |
| 5° | 903.5 | 663.3 | 548.7 | 491.4 | 456.2 | 409.9 | 363.6 | 326.1 | 308.5 | 295.3 | 286.5 |
| 2.5° | 936.6 | 683.1 | 557.5 | 495.8 | 460.6 | 414.3 | 368.0 | 328.4 | 308.5 | 295.3 | 286.5 |
| 0° | 947.6 | 683.1 | 557.5 | 495.8 | 460.6 | 414.3 | 368.0 | 328.4 | 308.5 | 295.3 | 286.5 |



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CATALOG NUMBER: IFLD-S-SA2D-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° | 13.2 | 11.0 | 11.0 | 11.0 | 8.8 | 8.8 | 6.6 | 6.6 | 6.6 | 4.4 | 4.4 |
| 85° | 26.4 | 24.2 | 22.0 | 19.8 | 17.6 | 17.6 | 15.4 | 13.2 | 11.0 | 8.8 | 6.6 |
| 82.5° | 46.3 | 44.1 | 39.7 | 35.3 | 30.9 | 26.4 | 22.0 | 19.8 | 17.6 | 13.2 | 11.0 |
| 80° | 63.9 | 59.5 | 57.3 | 50.7 | 46.3 | 39.7 | 35.3 | 28.6 | 22.0 | 19.8 | 15.4 |
| 77.5° | 74.9 | 70.5 | 66.1 | 63.9 | 59.5 | 52.9 | 46.3 | 39.7 | 33.1 | 24.2 | 19.8 |
| 75° | 85.9 | 81.5 | 77.1 | 72.7 | 68.3 | 61.7 | 57.3 | 50.7 | 41.9 | 33.1 | 22.0 |
| 72.5° | 99.2 | 92.6 | 88.1 | 81.5 | 74.9 | 70.5 | 63.9 | 59.5 | 50.7 | 39.7 | 28.6 |
| 70° | 112.4 | 105.8 | 97.0 | 90.4 | 83.7 | 77.1 | 70.5 | 63.9 | 57.3 | 46.3 | 35.3 |
| 67.5° | 125.6 | 116.8 | 110.2 | 101.4 | 92.6 | 85.9 | 77.1 | 70.5 | 61.7 | 52.9 | 39.7 |
| 65° | 138.8 | 130.0 | 121.2 | 112.4 | 101.4 | 92.6 | 83.7 | 74.9 | 68.3 | 59.5 | 46.3 |
| 62.5° | 154.3 | 143.2 | 132.2 | 121.2 | 112.4 | 101.4 | 90.4 | 81.5 | 72.7 | 63.9 | 50.7 |
| 60° | 169.7 | 156.5 | 143.2 | 132.2 | 121.2 | 110.2 | 97.0 | 88.1 | 77.1 | 66.1 | 57.3 |
| 57.5° | 182.9 | 169.7 | 156.5 | 143.2 | 130.0 | 116.8 | 105.8 | 92.6 | 81.5 | 70.5 | 59.5 |
| 55° | 198.3 | 182.9 | 169.7 | 154.3 | 138.8 | 125.6 | 112.4 | 99.2 | 85.9 | 74.9 | 63.9 |
| 52.5° | 211.6 | 196.1 | 180.7 | 165.3 | 149.9 | 134.4 | 119.0 | 103.6 | 90.4 | 77.1 | 66.1 |
| 50° | 222.6 | 209.4 | 191.7 | 176.3 | 158.7 | 141.0 | 125.6 | 110.2 | 94.8 | 81.5 | 68.3 |
| 47.5° | 231.4 | 218.2 | 204.9 | 187.3 | 167.5 | 149.9 | 132.2 | 116.8 | 99.2 | 85.9 | 70.5 |
| 45° | 240.2 | 227.0 | 213.8 | 196.1 | 176.3 | 158.7 | 138.8 | 121.2 | 103.6 | 88.1 | 72.7 |
| 42.5° | 246.8 | 235.8 | 222.6 | 207.1 | 185.1 | 165.3 | 145.4 | 125.6 | 108.0 | 92.6 | 74.9 |
| 40° | 253.4 | 242.4 | 229.2 | 213.8 | 193.9 | 174.1 | 152.1 | 132.2 | 112.4 | 94.8 | 79.3 |
| 37.5° | 257.8 | 249.0 | 235.8 | 220.4 | 202.7 | 180.7 | 158.7 | 136.6 | 116.8 | 99.2 | 81.5 |
| 35° | 262.2 | 253.4 | 240.2 | 227.0 | 209.4 | 187.3 | 165.3 | 141.0 | 121.2 | 101.4 | 83.7 |
| 32.5° | 264.4 | 257.8 | 246.8 | 231.4 | 216.0 | 193.9 | 169.7 | 147.6 | 125.6 | 103.6 | 85.9 |
| 30° | 266.6 | 260.0 | 251.2 | 235.8 | 220.4 | 200.5 | 176.3 | 149.9 | 127.8 | 108.0 | 88.1 |
| 27.5° | 268.9 | 262.2 | 253.4 | 240.2 | 224.8 | 204.9 | 180.7 | 154.3 | 132.2 | 110.2 | 88.1 |
| 25° | 271.1 | 264.4 | 257.8 | 244.6 | 229.2 | 209.4 | 185.1 | 158.7 | 134.4 | 112.4 | 90.4 |
| 22.5° | 273.3 | 266.6 | 260.0 | 249.0 | 233.6 | 213.8 | 189.5 | 163.1 | 136.6 | 114.6 | 92.6 |
| 20° | 275.5 | 268.9 | 262.2 | 251.2 | 235.8 | 216.0 | 191.7 | 165.3 | 141.0 | 116.8 | 94.8 |
| 17.5° | 277.7 | 268.9 | 262.2 | 253.4 | 238.0 | 220.4 | 196.1 | 169.7 | 143.2 | 116.8 | 94.8 |
| 15° | 277.7 | 271.1 | 264.4 | 255.6 | 240.2 | 222.6 | 198.3 | 171.9 | 143.2 | 119.0 | 97.0 |
| 12.5° | 277.7 | 273.3 | 264.4 | 255.6 | 242.4 | 224.8 | 200.5 | 174.1 | 145.4 | 121.2 | 97.0 |
| 10° | 279.9 | 273.3 | 264.4 | 257.8 | 244.6 | 227.0 | 202.7 | 176.3 | 147.6 | 121.2 | 97.0 |
| 7.5° | 279.9 | 275.5 | 266.6 | 257.8 | 244.6 | 227.0 | 204.9 | 176.3 | 147.6 | 123.4 | 99.2 |
| 5° | 279.9 | 275.5 | 266.6 | 260.0 | 246.8 | 229.2 | 207.1 | 178.5 | 149.9 | 123.4 | 99.2 |
| 2.5° | 279.9 | 275.5 | 266.6 | 260.0 | 246.8 | 229.2 | 207.1 | 178.5 | 149.9 | 123.4 | 99.2 |
| 0° | 279.9 | 275.5 | 266.6 | 260.0 | 246.8 | 229.2 | 207.1 | 178.5 | 149.9 | 123.4 | 99.2 |



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CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.2 | 2.2 | 0.0 | 0.0 |
| 85° | 6.6 | 4.4 | 2.2 | 0.0 |
| 82.5° | 8.8 | 6.6 | 2.2 | 0.0 |
| 80° | 11.0 | 6.6 | 4.4 | 0.0 |
| 77.5° | 13.2 | 8.8 | 4.4 | 0.0 |
| 75° | 17.6 | 11.0 | 6.6 | 0.0 |
| 72.5° | 19.8 | 13.2 | 6.6 | 0.0 |
| 70° | 22.0 | 15.4 | 6.6 | 0.0 |
| 67.5° | 26.4 | 17.6 | 8.8 | 0.0 |
| 65° | 30.9 | 17.6 | 8.8 | 0.0 |
| 62.5° | 35.3 | 19.8 | 11.0 | 0.0 |
| 60° | 39.7 | 22.0 | 11.0 | 0.0 |
| 57.5° | 44.1 | 24.2 | 11.0 | 0.0 |
| 55° | 46.3 | 26.4 | 13.2 | 0.0 |
| 52.5° | 50.7 | 28.6 | 13.2 | 0.0 |
| 50° | 55.1 | 33.1 | 13.2 | 0.0 |
| 47.5° | 57.3 | 35.3 | 15.4 | 0.0 |
| 45° | 59.5 | 37.5 | 15.4 | 0.0 |
| 42.5° | 61.7 | 39.7 | 15.4 | 0.0 |
| 40° | 63.9 | 41.9 | 17.6 | 0.0 |
| 37.5° | 63.9 | 41.9 | 17.6 | 0.0 |
| 35° | 66.1 | 44.1 | 17.6 | 0.0 |
| 32.5° | 68.3 | 46.3 | 17.6 | 0.0 |
| 30° | 68.3 | 48.5 | 19.8 | 0.0 |
| 27.5° | 70.5 | 48.5 | 19.8 | 0.0 |
| 25° | 70.5 | 50.7 | 19.8 | 0.0 |
| 22.5° | 72.7 | 52.9 | 19.8 | 0.0 |
| 20° | 72.7 | 52.9 | 19.8 | 0.0 |
| 17.5° | 74.9 | 55.1 | 22.0 | 0.0 |
| 15° | 74.9 | 55.1 | 22.0 | 0.0 |
| 12.5° | 74.9 | 55.1 | 22.0 | 0.0 |
| 10° | 77.1 | 57.3 | 22.0 | 0.0 |
| 7.5° | 77.1 | 57.3 | 22.0 | 0.0 |
| 5° | 77.1 | 57.3 | 22.0 | 0.0 |
| 2.5° | 77.1 | 57.3 | 22.0 | 0.0 |
| 0° | 77.1 | 57.3 | 22.0 | 0.0 |

(END OF REPORT)