

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: P723264

Luminaire Tested: **IFLD-S-SA3D-730-U-22**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723264
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-730-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens
Light Source: (48) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

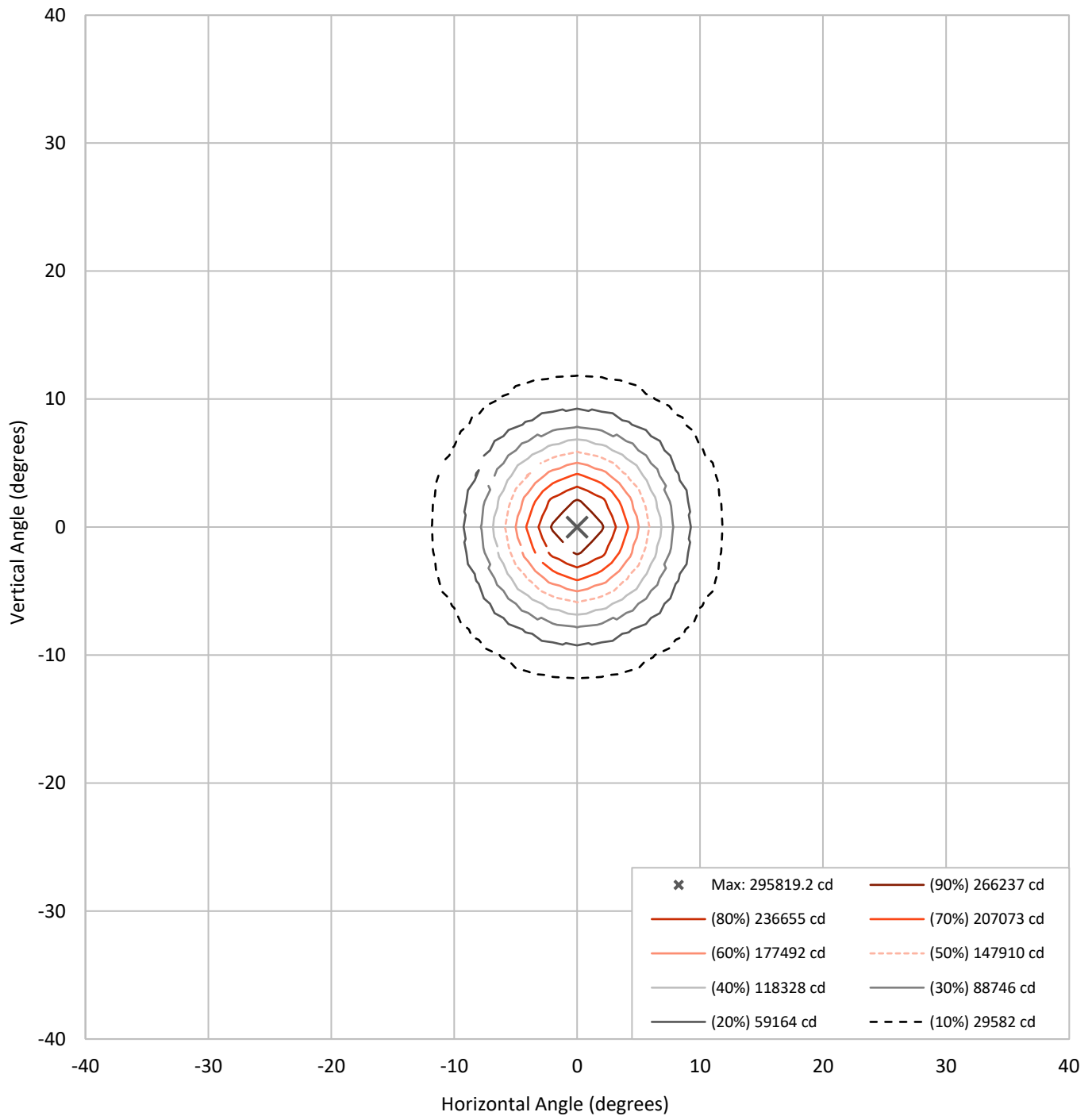
| | |
|--|------------------------------------|
| Lumens per Lamp: N/A | NEMA Type: 2H x 2V |
| Luminaire Lumens: 19808.8 lumens | Max Intensity: 295819.2 candela |
| Efficiency: N/A | Max Intensity Angle: 0°H x 0°V |
| Efficacy: 107.6 lumens/watt | |
| Luminous Opening: Rectangular (W 1.5' x L: 0.5' 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: 4798.4 lumens | Field Lumens: 10311.8 lumens |
| Beam Efficiency: 24.2% | Field Efficiency: 52.1% |

Input Watts (W): 184.1
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





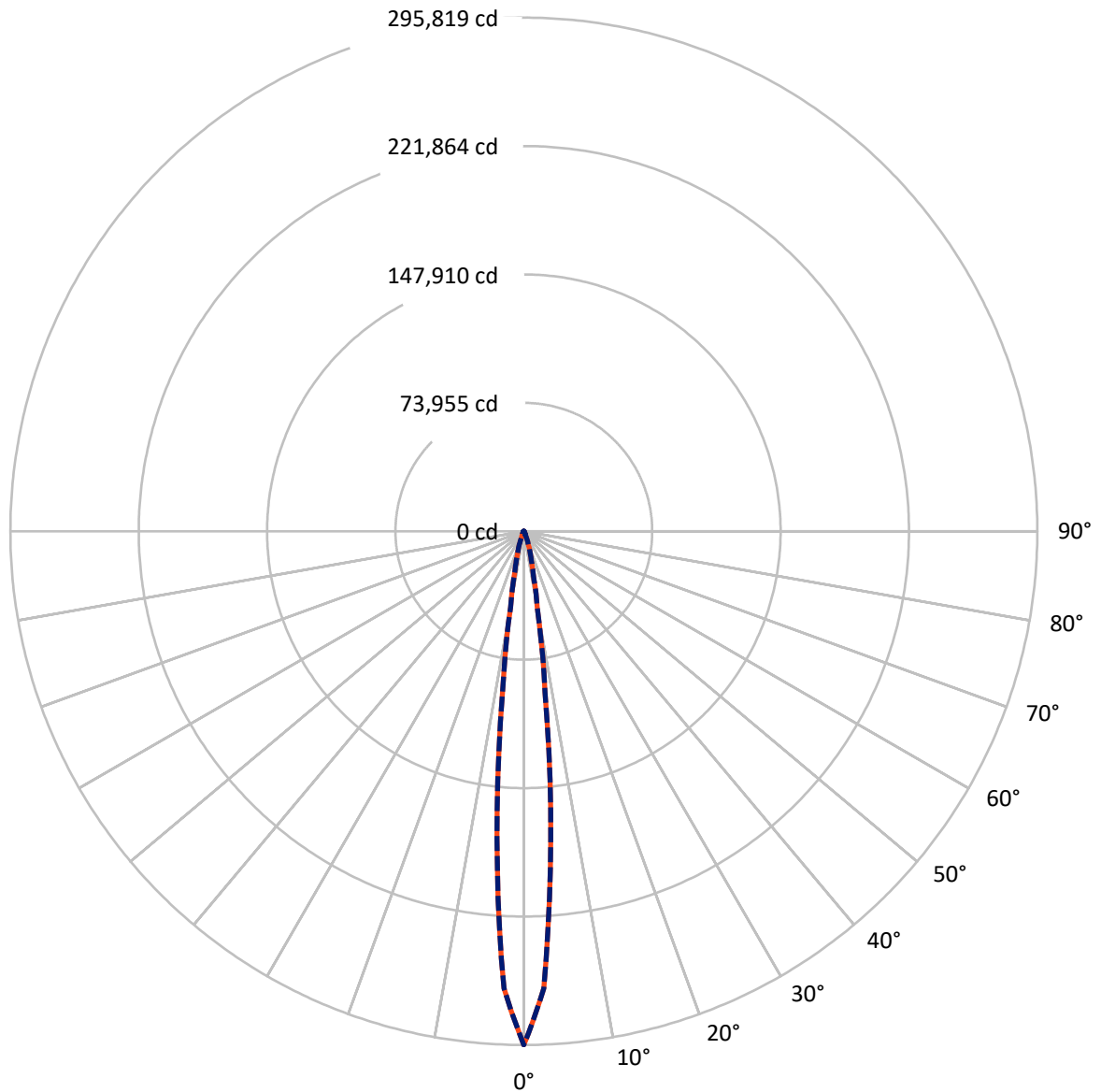
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | 0.6 | 4.2 | | 9.5 | | 14.3 | | 16.2 | | 14.3 | | 9.5 | | 4.2 | | 0.6 | | | |
| 80 | 0.6 | 4.2 | | 9.5 | | 14.3 | | 16.2 | | 14.3 | | 9.5 | | 4.2 | | 0.6 | | | |
| 70 | 1.9 | 1.8 | 3.3 | 5.1 | 6.8 | 8.3 | 9.2 | 9.7 | 9.7 | 9.2 | 8.3 | 6.8 | 5.1 | 3.3 | 1.8 | 1.9 | | | |
| 60 | | 2.4 | 4.6 | 6.8 | 8.6 | 9.9 | 10.8 | 11.3 | 11.3 | 10.8 | 9.9 | 8.6 | 6.8 | 4.6 | 2.4 | | | | |
| 50 | 2.8 | 3.1 | 5.5 | 7.6 | 9.3 | 10.9 | 12.5 | 13.5 | 13.5 | 12.5 | 10.9 | 9.3 | 7.6 | 5.5 | 3.1 | 2.8 | | | |
| 40 | | 3.6 | 6.0 | 8.0 | 10.3 | 13.9 | 17.7 | 20.3 | 20.3 | 17.7 | 13.9 | 10.3 | 8.0 | 6.0 | 3.6 | | | | |
| 30 | 3.5 | 3.9 | 6.3 | 8.5 | 12.6 | 19.1 | 36.2 | 69.3 | 69.3 | 36.2 | 19.1 | 12.6 | 8.5 | 6.3 | 3.9 | 3.5 | | | |
| 20 | | 4.1 | 6.4 | 9.1 | 15.1 | 34.1 | 167.5 | 468.2 | 468.2 | 167.5 | 34.1 | 15.1 | 9.1 | 6.4 | 4.1 | | | | |
| 10 | 3.7 | 4.2 | 6.5 | 9.7 | 16.8 | 63.7 | 456.3 | 3247.2 | 3247.2 | 456.3 | 63.7 | 16.8 | 9.7 | 6.5 | 4.2 | 3.7 | | | |
| 0 | | 4.2 | 6.5 | 9.7 | 16.8 | 63.7 | 456.3 | 3247.2 | 3247.2 | 456.3 | 63.7 | 16.8 | 9.7 | 6.5 | 4.2 | | | | |
| -10 | 3.5 | 4.1 | 6.4 | 9.1 | 15.1 | 34.1 | 167.5 | 468.2 | 468.2 | 167.5 | 34.1 | 15.1 | 9.1 | 6.4 | 4.1 | 3.5 | | | |
| -20 | | 3.9 | 6.3 | 8.5 | 12.6 | 19.1 | 36.2 | 69.3 | 69.3 | 36.2 | 19.1 | 12.6 | 8.5 | 6.3 | 3.9 | | | | |
| -30 | 2.8 | 3.6 | 6.0 | 8.0 | 10.3 | 13.9 | 17.7 | 20.3 | 20.3 | 17.7 | 13.9 | 10.3 | 8.0 | 6.0 | 3.6 | 2.8 | | | |
| -40 | | 3.1 | 5.5 | 7.6 | 9.3 | 10.9 | 12.5 | 13.5 | 13.5 | 12.5 | 10.9 | 9.3 | 7.6 | 5.5 | 3.1 | | | | |
| -50 | 1.9 | 2.4 | 4.6 | 6.8 | 8.6 | 9.9 | 10.8 | 11.3 | 11.3 | 10.8 | 9.9 | 8.6 | 6.8 | 4.6 | 2.4 | 1.9 | | | |
| -60 | | 1.8 | 3.3 | 5.1 | 6.8 | 8.3 | 9.2 | 9.7 | 9.7 | 9.2 | 8.3 | 6.8 | 5.1 | 3.3 | 1.8 | | | | |
| -70 | 0.6 | 4.2 | | 9.5 | | 14.3 | | 16.2 | | 14.3 | | 9.5 | | 4.2 | | 0.6 | | | |
| -80 | | 4.2 | | 9.5 | | 14.3 | | 16.2 | | 14.3 | | 9.5 | | 4.2 | | | | | |
| -90 | 0.6 | 4.2 | | 9.5 | | 14.3 | | 16.2 | | 14.3 | | 9.5 | | 4.2 | | 0.6 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

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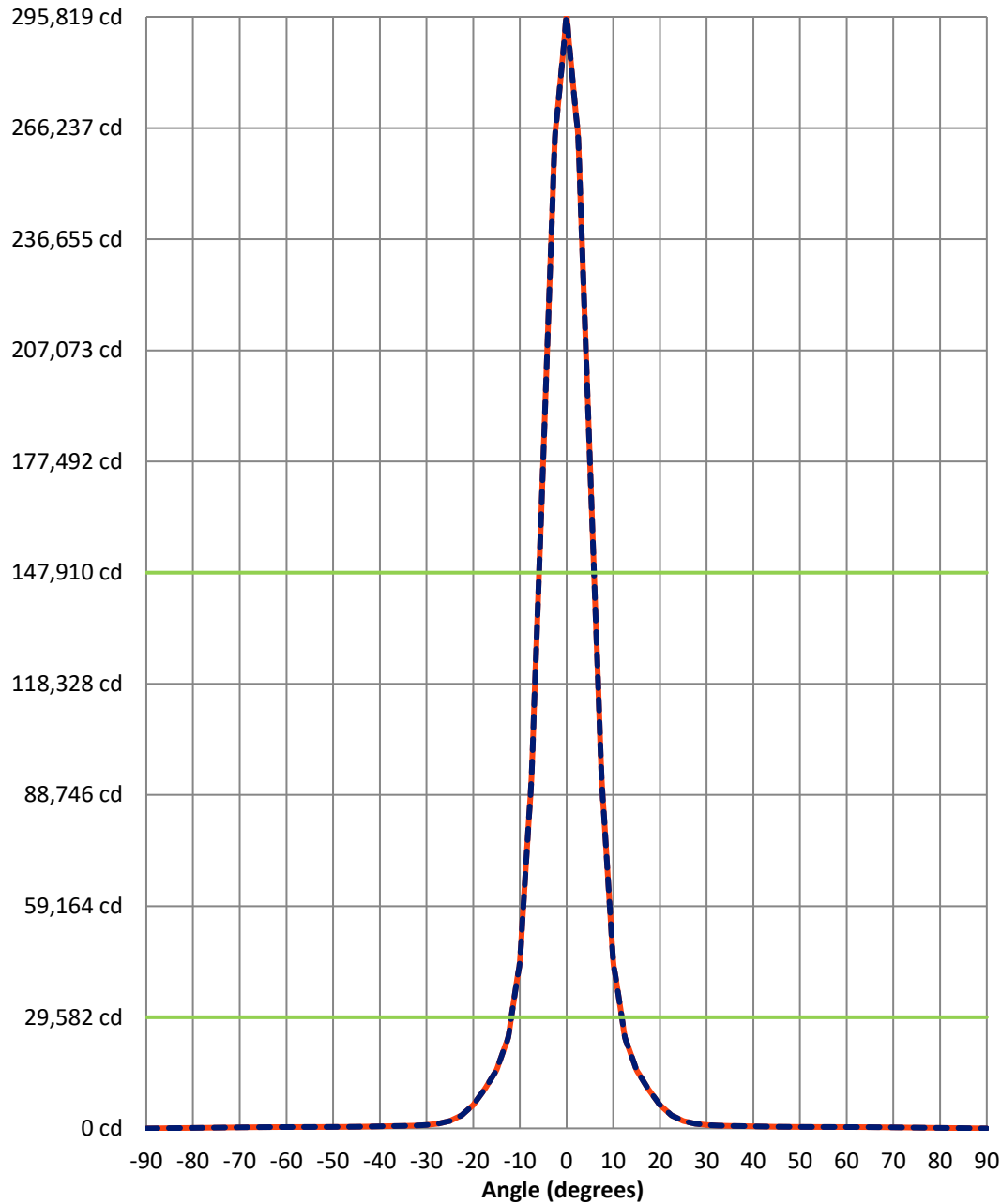
Luminous Intensity Polar Plot



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

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CATALOG NUMBER: IFLD-S-SA3D-730-U-22

Luminous Intensity Plot



Beam:
H Angle: 11.8°
V Angle: 11.8°
Lumens: 4798.4
Efficiency: 24.2%

Field:
H Angle: 23.7°
V Angle: 23.7°
Lumens: 10311.8
Efficiency: 52.1%

Spill:
Lumens: 9497
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° | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 26.3 | 26.3 | 26.3 |
| 85° | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 73.1 | 73.1 | 73.1 | 70.2 | 70.2 | 67.2 |
| 82.5° | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 99.4 | 99.4 | 99.4 | 96.5 | 96.5 | 93.6 |
| 80° | 131.6 | 131.6 | 131.6 | 131.6 | 128.6 | 128.6 | 128.6 | 125.7 | 125.7 | 122.8 | 119.9 |
| 77.5° | 163.7 | 163.7 | 163.7 | 163.7 | 160.8 | 160.8 | 157.9 | 154.9 | 154.9 | 152.0 | 149.1 |
| 75° | 198.8 | 198.8 | 198.8 | 195.9 | 195.9 | 193.0 | 190.0 | 190.0 | 187.1 | 181.3 | 178.3 |
| 72.5° | 236.8 | 236.8 | 236.8 | 233.9 | 233.9 | 231.0 | 228.0 | 225.1 | 219.3 | 216.3 | 210.5 |
| 70° | 274.8 | 274.8 | 274.8 | 271.9 | 269.0 | 266.0 | 263.1 | 260.2 | 254.3 | 251.4 | 245.6 |
| 67.5° | 304.0 | 304.0 | 304.0 | 301.1 | 301.1 | 298.2 | 295.3 | 292.4 | 286.5 | 283.6 | 277.7 |
| 65° | 327.4 | 327.4 | 327.4 | 324.5 | 324.5 | 321.6 | 318.7 | 315.7 | 312.8 | 309.9 | 304.0 |
| 62.5° | 345.0 | 345.0 | 345.0 | 342.1 | 342.1 | 339.1 | 339.1 | 336.2 | 333.3 | 330.4 | 324.5 |
| 60° | 353.7 | 353.7 | 353.7 | 353.7 | 350.8 | 350.8 | 350.8 | 347.9 | 347.9 | 345.0 | 342.1 |
| 57.5° | 365.4 | 365.4 | 365.4 | 365.4 | 362.5 | 362.5 | 359.6 | 356.7 | 356.7 | 353.7 | 350.8 |
| 55° | 371.3 | 371.3 | 371.3 | 371.3 | 371.3 | 368.4 | 368.4 | 368.4 | 365.4 | 362.5 | 359.6 |
| 52.5° | 380.1 | 380.1 | 380.1 | 380.1 | 377.1 | 377.1 | 374.2 | 374.2 | 371.3 | 368.4 | 368.4 |
| 50° | 391.8 | 391.8 | 391.8 | 388.8 | 388.8 | 385.9 | 383.0 | 380.1 | 380.1 | 377.1 | 374.2 |
| 47.5° | 409.3 | 409.3 | 409.3 | 406.4 | 403.4 | 400.5 | 397.6 | 391.8 | 388.8 | 385.9 | 380.1 |
| 45° | 435.6 | 435.6 | 432.7 | 429.8 | 426.8 | 421.0 | 415.1 | 409.3 | 403.4 | 397.6 | 391.8 |
| 42.5° | 488.2 | 488.2 | 482.4 | 476.5 | 467.8 | 456.1 | 444.4 | 432.7 | 423.9 | 415.1 | 406.4 |
| 40° | 549.6 | 549.6 | 543.8 | 535.0 | 523.3 | 511.6 | 494.1 | 476.5 | 459.0 | 435.6 | 423.9 |
| 37.5° | 611.0 | 611.0 | 605.2 | 596.4 | 584.7 | 567.2 | 549.6 | 529.2 | 505.8 | 479.5 | 456.1 |
| 35° | 657.8 | 657.8 | 652.0 | 646.1 | 634.4 | 622.7 | 605.2 | 584.7 | 558.4 | 529.2 | 499.9 |
| 32.5° | 739.7 | 739.7 | 728.0 | 713.3 | 695.8 | 672.4 | 649.0 | 631.5 | 611.0 | 578.9 | 546.7 |
| 30° | 906.3 | 906.3 | 880.0 | 850.8 | 806.9 | 754.3 | 716.3 | 681.2 | 649.0 | 622.7 | 590.6 |
| 27.5° | 1257.1 | 1242.5 | 1198.7 | 1125.6 | 1029.1 | 906.3 | 836.1 | 757.2 | 704.6 | 657.8 | 628.6 |
| 25° | 1982.2 | 1947.1 | 1847.7 | 1684.0 | 1458.9 | 1219.1 | 1061.2 | 894.6 | 798.1 | 719.2 | 666.6 |
| 22.5° | 3467.3 | 3388.4 | 3157.4 | 2780.3 | 2268.7 | 1812.6 | 1453.0 | 1154.8 | 941.4 | 812.7 | 719.2 |
| 20° | 6233.0 | 6069.3 | 5578.1 | 4788.8 | 3724.6 | 2903.1 | 2093.3 | 1593.3 | 1187.0 | 941.4 | 798.1 |
| 17.5° | 10483.8 | 10191.5 | 9329.0 | 7946.2 | 6233.0 | 4692.3 | 3233.4 | 2248.2 | 1593.3 | 1154.8 | 894.6 |
| 15° | 15535.7 | 15126.4 | 13933.6 | 12036.2 | 9694.5 | 7197.8 | 5025.6 | 3233.4 | 2093.3 | 1453.0 | 1061.2 |
| 12.5° | 24212.8 | 23367.9 | 20920.9 | 17108.6 | 13600.3 | 10302.6 | 7197.8 | 4692.3 | 2903.1 | 1812.6 | 1219.1 |
| 10° | 44426.2 | 41961.7 | 34974.4 | 24397.0 | 18637.6 | 13600.3 | 9694.5 | 6233.0 | 3724.6 | 2268.7 | 1458.9 |
| 7.5° | 93480.5 | 82525.9 | 59573.1 | 39643.3 | 24397.0 | 17108.6 | 12036.2 | 7946.2 | 4788.8 | 2780.3 | 1684.0 |
| 5° | 177760.5 | 155383.7 | 107057.4 | 59573.1 | 34974.4 | 20920.9 | 13933.6 | 9329.0 | 5578.1 | 3157.4 | 1847.7 |
| 2.5° | 263519.9 | 232585.8 | 155383.7 | 82525.9 | 41961.7 | 23367.9 | 15126.4 | 10191.5 | 6069.3 | 3388.4 | 1947.1 |
| 0° | 295819.2 | 263519.9 | 177760.5 | 93480.5 | 44426.2 | 24212.8 | 15535.7 | 10483.8 | 6233.0 | 3467.3 | 1982.2 |



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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° | 26.3 | 26.3 | 23.4 | 23.4 | 23.4 | 23.4 | 20.5 | 20.5 | 20.5 | 17.5 | 17.5 |
| 85° | 64.3 | 64.3 | 61.4 | 58.5 | 55.5 | 55.5 | 52.6 | 49.7 | 46.8 | 43.9 | 38.0 |
| 82.5° | 93.6 | 90.6 | 90.6 | 87.7 | 84.8 | 84.8 | 81.9 | 78.9 | 76.0 | 73.1 | 67.2 |
| 80° | 116.9 | 116.9 | 114.0 | 111.1 | 108.2 | 105.2 | 99.4 | 96.5 | 93.6 | 90.6 | 87.7 |
| 77.5° | 146.2 | 143.3 | 137.4 | 134.5 | 131.6 | 125.7 | 122.8 | 116.9 | 114.0 | 108.2 | 102.3 |
| 75° | 175.4 | 169.6 | 166.6 | 160.8 | 154.9 | 149.1 | 143.3 | 137.4 | 131.6 | 125.7 | 119.9 |
| 72.5° | 204.6 | 198.8 | 195.9 | 187.1 | 181.3 | 175.4 | 166.6 | 160.8 | 154.9 | 146.2 | 137.4 |
| 70° | 239.7 | 233.9 | 225.1 | 219.3 | 210.5 | 201.7 | 193.0 | 184.2 | 175.4 | 166.6 | 157.9 |
| 67.5° | 271.9 | 266.0 | 257.3 | 248.5 | 239.7 | 231.0 | 219.3 | 210.5 | 198.8 | 187.1 | 178.3 |
| 65° | 298.2 | 292.4 | 286.5 | 277.7 | 269.0 | 257.3 | 245.6 | 233.9 | 222.2 | 210.5 | 198.8 |
| 62.5° | 318.7 | 312.8 | 307.0 | 301.1 | 292.4 | 283.6 | 274.8 | 260.2 | 248.5 | 233.9 | 219.3 |
| 60° | 336.2 | 333.3 | 327.4 | 318.7 | 312.8 | 304.0 | 295.3 | 283.6 | 271.9 | 254.3 | 239.7 |
| 57.5° | 347.9 | 345.0 | 342.1 | 336.2 | 330.4 | 321.6 | 312.8 | 301.1 | 289.4 | 277.7 | 260.2 |
| 55° | 356.7 | 353.7 | 350.8 | 347.9 | 342.1 | 336.2 | 327.4 | 318.7 | 307.0 | 295.3 | 280.7 |
| 52.5° | 365.4 | 362.5 | 356.7 | 353.7 | 350.8 | 345.0 | 339.1 | 330.4 | 321.6 | 309.9 | 295.3 |
| 50° | 371.3 | 368.4 | 365.4 | 362.5 | 356.7 | 350.8 | 347.9 | 342.1 | 333.3 | 321.6 | 309.9 |
| 47.5° | 377.1 | 374.2 | 371.3 | 368.4 | 365.4 | 359.6 | 353.7 | 347.9 | 342.1 | 333.3 | 321.6 |
| 45° | 385.9 | 380.1 | 377.1 | 371.3 | 368.4 | 365.4 | 359.6 | 353.7 | 347.9 | 342.1 | 330.4 |
| 42.5° | 397.6 | 388.8 | 385.9 | 380.1 | 374.2 | 371.3 | 365.4 | 359.6 | 353.7 | 347.9 | 339.1 |
| 40° | 412.2 | 403.4 | 394.7 | 385.9 | 380.1 | 374.2 | 371.3 | 365.4 | 359.6 | 350.8 | 345.0 |
| 37.5° | 432.7 | 418.1 | 406.4 | 394.7 | 385.9 | 380.1 | 374.2 | 368.4 | 365.4 | 356.7 | 350.8 |
| 35° | 470.7 | 438.5 | 421.0 | 406.4 | 394.7 | 385.9 | 380.1 | 371.3 | 368.4 | 362.5 | 353.7 |
| 32.5° | 511.6 | 476.5 | 441.5 | 421.0 | 406.4 | 394.7 | 385.9 | 377.1 | 371.3 | 365.4 | 356.7 |
| 30° | 555.5 | 514.5 | 476.5 | 438.5 | 418.1 | 403.4 | 388.8 | 380.1 | 374.2 | 368.4 | 362.5 |
| 27.5° | 596.4 | 555.5 | 511.6 | 470.7 | 432.7 | 412.2 | 397.6 | 385.9 | 377.1 | 371.3 | 365.4 |
| 25° | 628.6 | 590.6 | 546.7 | 499.9 | 456.1 | 423.9 | 406.4 | 391.8 | 380.1 | 374.2 | 368.4 |
| 22.5° | 657.8 | 622.7 | 578.9 | 529.2 | 479.5 | 435.6 | 415.1 | 397.6 | 385.9 | 377.1 | 368.4 |
| 20° | 704.6 | 649.0 | 611.0 | 558.4 | 505.8 | 459.0 | 423.9 | 403.4 | 388.8 | 380.1 | 371.3 |
| 17.5° | 757.2 | 681.2 | 631.5 | 584.7 | 529.2 | 476.5 | 432.7 | 409.3 | 391.8 | 380.1 | 374.2 |
| 15° | 836.1 | 716.3 | 649.0 | 605.2 | 549.6 | 494.1 | 444.4 | 415.1 | 397.6 | 383.0 | 374.2 |
| 12.5° | 906.3 | 754.3 | 672.4 | 622.7 | 567.2 | 511.6 | 456.1 | 421.0 | 400.5 | 385.9 | 377.1 |
| 10° | 1029.1 | 806.9 | 695.8 | 634.4 | 584.7 | 523.3 | 467.8 | 426.8 | 403.4 | 388.8 | 377.1 |
| 7.5° | 1125.6 | 850.8 | 713.3 | 646.1 | 596.4 | 535.0 | 476.5 | 429.8 | 406.4 | 388.8 | 380.1 |
| 5° | 1198.7 | 880.0 | 728.0 | 652.0 | 605.2 | 543.8 | 482.4 | 432.7 | 409.3 | 391.8 | 380.1 |
| 2.5° | 1242.5 | 906.3 | 739.7 | 657.8 | 611.0 | 549.6 | 488.2 | 435.6 | 409.3 | 391.8 | 380.1 |
| 0° | 1257.1 | 906.3 | 739.7 | 657.8 | 611.0 | 549.6 | 488.2 | 435.6 | 409.3 | 391.8 | 380.1 |



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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° | 17.5 | 14.6 | 14.6 | 14.6 | 11.7 | 11.7 | 8.8 | 8.8 | 8.8 | 5.8 | 5.8 |
| 85° | 35.1 | 32.2 | 29.2 | 26.3 | 23.4 | 23.4 | 20.5 | 17.5 | 14.6 | 11.7 | 8.8 |
| 82.5° | 61.4 | 58.5 | 52.6 | 46.8 | 40.9 | 35.1 | 29.2 | 26.3 | 23.4 | 17.5 | 14.6 |
| 80° | 84.8 | 78.9 | 76.0 | 67.2 | 61.4 | 52.6 | 46.8 | 38.0 | 29.2 | 26.3 | 20.5 |
| 77.5° | 99.4 | 93.6 | 87.7 | 84.8 | 78.9 | 70.2 | 61.4 | 52.6 | 43.9 | 32.2 | 26.3 |
| 75° | 114.0 | 108.2 | 102.3 | 96.5 | 90.6 | 81.9 | 76.0 | 67.2 | 55.5 | 43.9 | 29.2 |
| 72.5° | 131.6 | 122.8 | 116.9 | 108.2 | 99.4 | 93.6 | 84.8 | 78.9 | 67.2 | 52.6 | 38.0 |
| 70° | 149.1 | 140.3 | 128.6 | 119.9 | 111.1 | 102.3 | 93.6 | 84.8 | 76.0 | 61.4 | 46.8 |
| 67.5° | 166.6 | 154.9 | 146.2 | 134.5 | 122.8 | 114.0 | 102.3 | 93.6 | 81.9 | 70.2 | 52.6 |
| 65° | 184.2 | 172.5 | 160.8 | 149.1 | 134.5 | 122.8 | 111.1 | 99.4 | 90.6 | 78.9 | 61.4 |
| 62.5° | 204.6 | 190.0 | 175.4 | 160.8 | 149.1 | 134.5 | 119.9 | 108.2 | 96.5 | 84.8 | 67.2 |
| 60° | 225.1 | 207.6 | 190.0 | 175.4 | 160.8 | 146.2 | 128.6 | 116.9 | 102.3 | 87.7 | 76.0 |
| 57.5° | 242.7 | 225.1 | 207.6 | 190.0 | 172.5 | 154.9 | 140.3 | 122.8 | 108.2 | 93.6 | 78.9 |
| 55° | 263.1 | 242.7 | 225.1 | 204.6 | 184.2 | 166.6 | 149.1 | 131.6 | 114.0 | 99.4 | 84.8 |
| 52.5° | 280.7 | 260.2 | 239.7 | 219.3 | 198.8 | 178.3 | 157.9 | 137.4 | 119.9 | 102.3 | 87.7 |
| 50° | 295.3 | 277.7 | 254.3 | 233.9 | 210.5 | 187.1 | 166.6 | 146.2 | 125.7 | 108.2 | 90.6 |
| 47.5° | 307.0 | 289.4 | 271.9 | 248.5 | 222.2 | 198.8 | 175.4 | 154.9 | 131.6 | 114.0 | 93.6 |
| 45° | 318.7 | 301.1 | 283.6 | 260.2 | 233.9 | 210.5 | 184.2 | 160.8 | 137.4 | 116.9 | 96.5 |
| 42.5° | 327.4 | 312.8 | 295.3 | 274.8 | 245.6 | 219.3 | 193.0 | 166.6 | 143.3 | 122.8 | 99.4 |
| 40° | 336.2 | 321.6 | 304.0 | 283.6 | 257.3 | 231.0 | 201.7 | 175.4 | 149.1 | 125.7 | 105.2 |
| 37.5° | 342.1 | 330.4 | 312.8 | 292.4 | 269.0 | 239.7 | 210.5 | 181.3 | 154.9 | 131.6 | 108.2 |
| 35° | 347.9 | 336.2 | 318.7 | 301.1 | 277.7 | 248.5 | 219.3 | 187.1 | 160.8 | 134.5 | 111.1 |
| 32.5° | 350.8 | 342.1 | 327.4 | 307.0 | 286.5 | 257.3 | 225.1 | 195.9 | 166.6 | 137.4 | 114.0 |
| 30° | 353.7 | 345.0 | 333.3 | 312.8 | 292.4 | 266.0 | 233.9 | 198.8 | 169.6 | 143.3 | 116.9 |
| 27.5° | 356.7 | 347.9 | 336.2 | 318.7 | 298.2 | 271.9 | 239.7 | 204.6 | 175.4 | 146.2 | 116.9 |
| 25° | 359.6 | 350.8 | 342.1 | 324.5 | 304.0 | 277.7 | 245.6 | 210.5 | 178.3 | 149.1 | 119.9 |
| 22.5° | 362.5 | 353.7 | 345.0 | 330.4 | 309.9 | 283.6 | 251.4 | 216.3 | 181.3 | 152.0 | 122.8 |
| 20° | 365.4 | 356.7 | 347.9 | 333.3 | 312.8 | 286.5 | 254.3 | 219.3 | 187.1 | 154.9 | 125.7 |
| 17.5° | 368.4 | 356.7 | 347.9 | 336.2 | 315.7 | 292.4 | 260.2 | 225.1 | 190.0 | 154.9 | 125.7 |
| 15° | 368.4 | 359.6 | 350.8 | 339.1 | 318.7 | 295.3 | 263.1 | 228.0 | 190.0 | 157.9 | 128.6 |
| 12.5° | 368.4 | 362.5 | 350.8 | 339.1 | 321.6 | 298.2 | 266.0 | 231.0 | 193.0 | 160.8 | 128.6 |
| 10° | 371.3 | 362.5 | 350.8 | 342.1 | 324.5 | 301.1 | 269.0 | 233.9 | 195.9 | 160.8 | 128.6 |
| 7.5° | 371.3 | 365.4 | 353.7 | 342.1 | 324.5 | 301.1 | 271.9 | 233.9 | 195.9 | 163.7 | 131.6 |
| 5° | 371.3 | 365.4 | 353.7 | 345.0 | 327.4 | 304.0 | 274.8 | 236.8 | 198.8 | 163.7 | 131.6 |
| 2.5° | 371.3 | 365.4 | 353.7 | 345.0 | 327.4 | 304.0 | 274.8 | 236.8 | 198.8 | 163.7 | 131.6 |
| 0° | 371.3 | 365.4 | 353.7 | 345.0 | 327.4 | 304.0 | 274.8 | 236.8 | 198.8 | 163.7 | 131.6 |



REPORT NUMBER: P723264

CATALOG NUMBER: IFLD-S-SA3D-730-U-22

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.9 | 2.9 | 0.0 | 0.0 |
| 85° | 8.8 | 5.8 | 2.9 | 0.0 |
| 82.5° | 11.7 | 8.8 | 2.9 | 0.0 |
| 80° | 14.6 | 8.8 | 5.8 | 0.0 |
| 77.5° | 17.5 | 11.7 | 5.8 | 0.0 |
| 75° | 23.4 | 14.6 | 8.8 | 0.0 |
| 72.5° | 26.3 | 17.5 | 8.8 | 0.0 |
| 70° | 29.2 | 20.5 | 8.8 | 0.0 |
| 67.5° | 35.1 | 23.4 | 11.7 | 0.0 |
| 65° | 40.9 | 23.4 | 11.7 | 0.0 |
| 62.5° | 46.8 | 26.3 | 14.6 | 0.0 |
| 60° | 52.6 | 29.2 | 14.6 | 0.0 |
| 57.5° | 58.5 | 32.2 | 14.6 | 0.0 |
| 55° | 61.4 | 35.1 | 17.5 | 0.0 |
| 52.5° | 67.2 | 38.0 | 17.5 | 0.0 |
| 50° | 73.1 | 43.9 | 17.5 | 0.0 |
| 47.5° | 76.0 | 46.8 | 20.5 | 0.0 |
| 45° | 78.9 | 49.7 | 20.5 | 0.0 |
| 42.5° | 81.9 | 52.6 | 20.5 | 0.0 |
| 40° | 84.8 | 55.5 | 23.4 | 0.0 |
| 37.5° | 84.8 | 55.5 | 23.4 | 0.0 |
| 35° | 87.7 | 58.5 | 23.4 | 0.0 |
| 32.5° | 90.6 | 61.4 | 23.4 | 0.0 |
| 30° | 90.6 | 64.3 | 26.3 | 0.0 |
| 27.5° | 93.6 | 64.3 | 26.3 | 0.0 |
| 25° | 93.6 | 67.2 | 26.3 | 0.0 |
| 22.5° | 96.5 | 70.2 | 26.3 | 0.0 |
| 20° | 96.5 | 70.2 | 26.3 | 0.0 |
| 17.5° | 99.4 | 73.1 | 29.2 | 0.0 |
| 15° | 99.4 | 73.1 | 29.2 | 0.0 |
| 12.5° | 99.4 | 73.1 | 29.2 | 0.0 |
| 10° | 102.3 | 76.0 | 29.2 | 0.0 |
| 7.5° | 102.3 | 76.0 | 29.2 | 0.0 |
| 5° | 102.3 | 76.0 | 29.2 | 0.0 |
| 2.5° | 102.3 | 76.0 | 29.2 | 0.0 |
| 0° | 102.3 | 76.0 | 29.2 | 0.0 |

(END OF REPORT)