

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: P722858

Luminaire Tested: **IFLD-S-SA3D-730-U-11**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P722858
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-11
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens
Light Source: (48) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

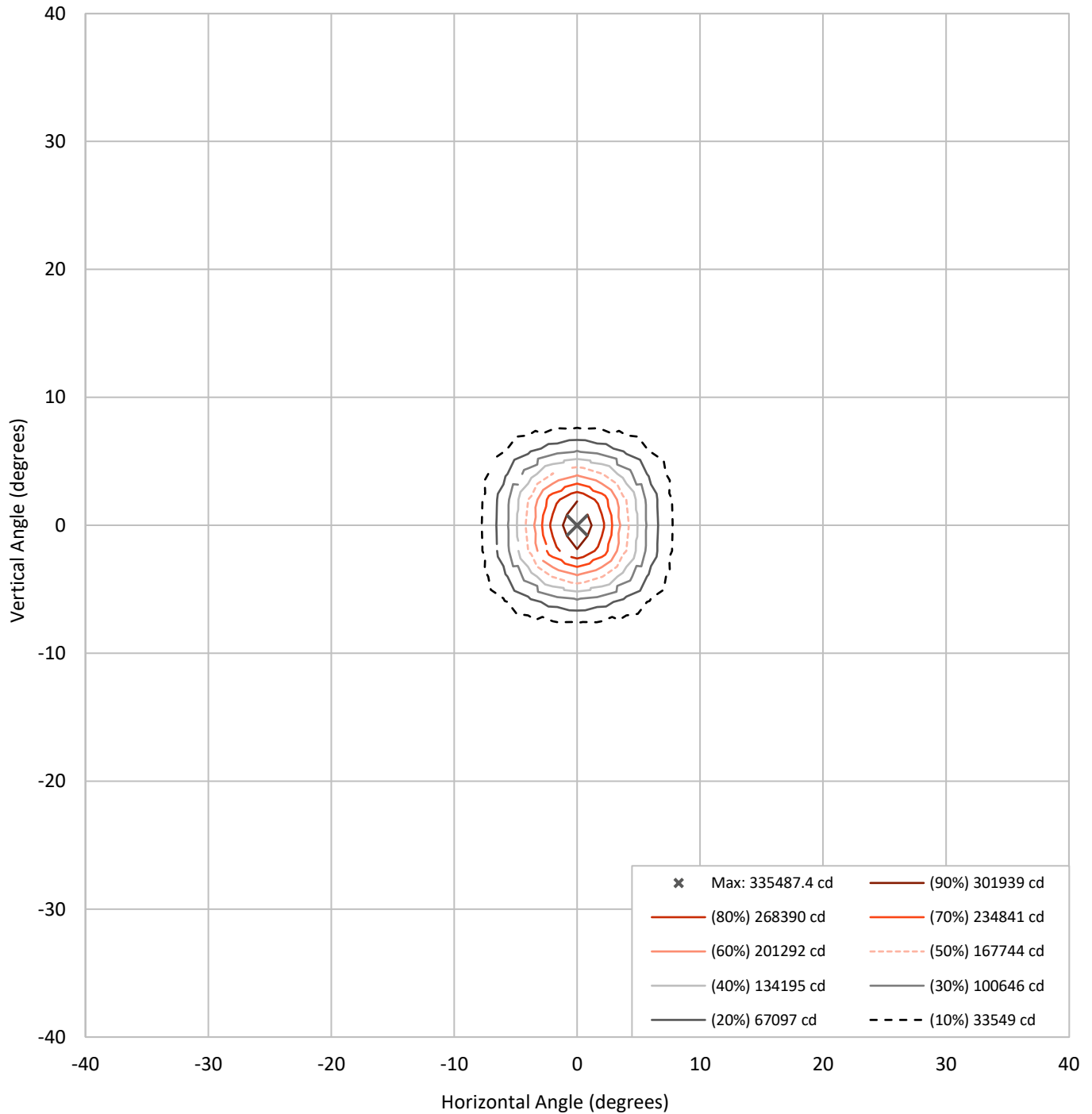
| | |
|--|------------------------------------|
| Lumens per Lamp: N/A | NEMA Type: 1H x 1V |
| Luminaire Lumens: 11193.5 lumens | Max Intensity: 335487.4 candela |
| Efficiency: N/A | Max Intensity Angle: 0°H x 0°V |
| Efficacy: 60.8 lumens/watt | |
| Luminous Opening: Rectangular (W 1.5' x L: 0.5' 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: 3771.1 lumens | Field Lumens: 5956.7 lumens |
| Beam Efficiency: 33.7% | Field Efficiency: 53.2% |

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



REPORT NUMBER: P722858
CATALOG NUMBER: IFLD-S-SA3D-730-U-11

Iso-Candela Plot





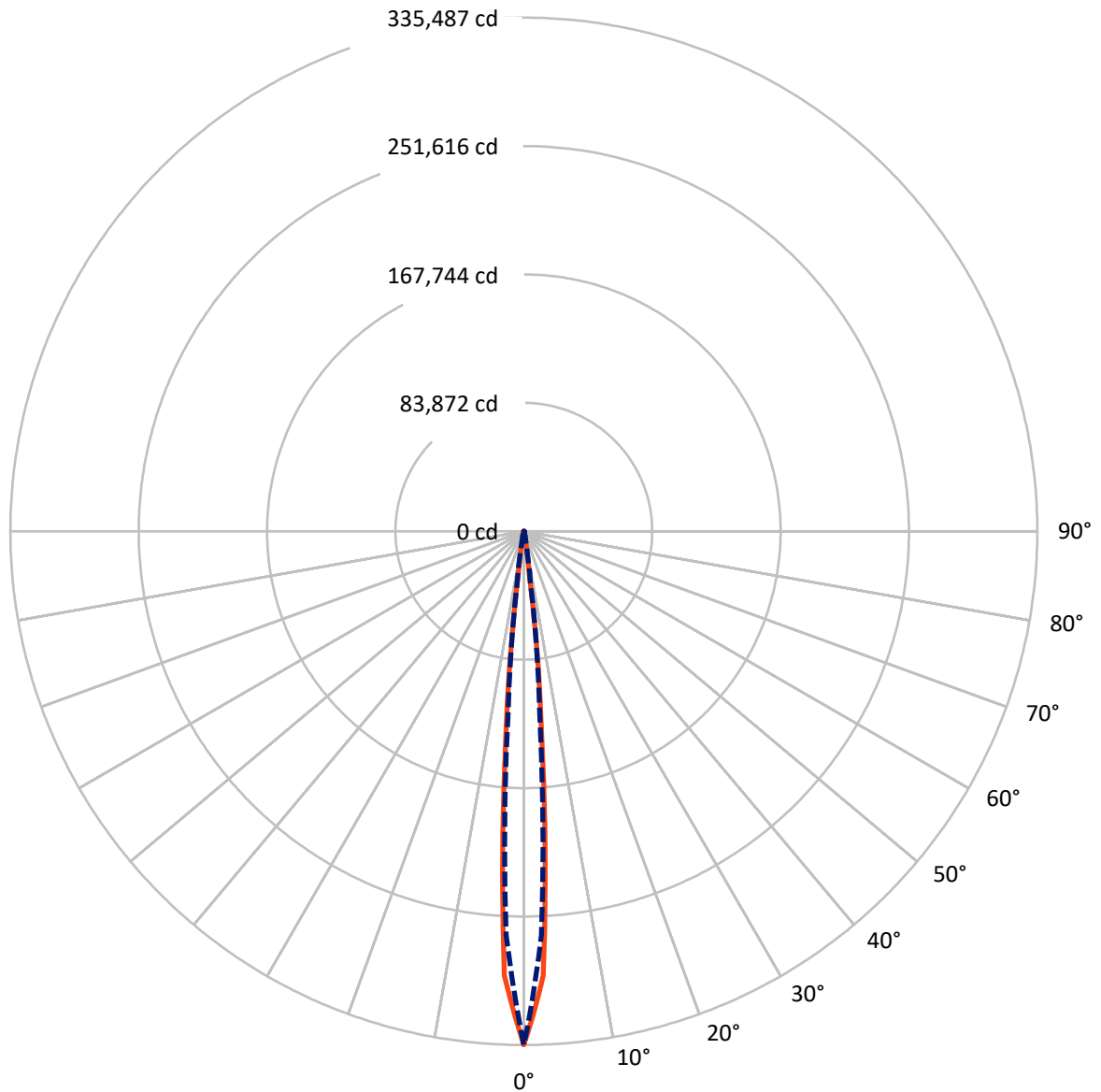
REPORT NUMBER: P722858
 CATALOG NUMBER: IFLD-S-SA3D-730-U-11

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|------|------|------|--------|--------|------|------|------|------|-----|-----|-----|----|----|----|
| 90 | 0.0 | 0.4 | 1.5 | 3.5 | 6.1 | 3.5 | 1.5 | 0.4 | 0.0 | | | | | | | | | | |
| 80 | 0.0 | 0.4 | 1.5 | 3.5 | 6.1 | 3.5 | 1.5 | 0.4 | 0.0 | | | | | | | | | | |
| 70 | 0.2 | 0.3 | 0.8 | 1.6 | 2.4 | 3.0 | 4.9 | 9.0 | 9.0 | 4.9 | 3.0 | 2.4 | 1.6 | 0.8 | 0.3 | 0.2 | | | |
| 60 | | 0.6 | 1.4 | 2.9 | 4.4 | 5.8 | 7.8 | 10.9 | 10.9 | 7.8 | 5.8 | 4.4 | 2.9 | 1.4 | 0.6 | | | | |
| 50 | 0.8 | 1.0 | 2.1 | 4.4 | 7.3 | 10.8 | 14.0 | 17.2 | 17.2 | 14.0 | 10.8 | 7.3 | 4.4 | 2.1 | 1.0 | 0.8 | | | |
| 40 | | 1.6 | 3.0 | 6.2 | 11.3 | 15.1 | 16.8 | 17.8 | 17.8 | 16.8 | 15.1 | 11.3 | 6.2 | 3.0 | 1.6 | | | | |
| 30 | 1.5 | 2.3 | 4.1 | 8.8 | 13.8 | 15.9 | 21.0 | 27.9 | 27.9 | 21.0 | 15.9 | 13.8 | 8.8 | 4.1 | 2.3 | 1.5 | | | |
| 20 | | 3.1 | 5.8 | 11.6 | 15.2 | 20.4 | 40.9 | 78.5 | 78.5 | 40.9 | 20.4 | 15.2 | 11.6 | 5.8 | 3.1 | | | | |
| 10 | 1.8 | 3.5 | 7.0 | 13.1 | 15.9 | 26.8 | 81.3 | 2185.5 | 2185.5 | 81.3 | 26.8 | 15.9 | 13.1 | 7.0 | 3.5 | 1.8 | | | |
| 0 | | 3.5 | 7.0 | 13.1 | 15.9 | 26.8 | 81.3 | 2185.5 | 2185.5 | 81.3 | 26.8 | 15.9 | 13.1 | 7.0 | 3.5 | | | | |
| -10 | 1.5 | 3.1 | 5.8 | 11.6 | 15.2 | 20.4 | 40.9 | 78.5 | 78.5 | 40.9 | 20.4 | 15.2 | 11.6 | 5.8 | 3.1 | 1.5 | | | |
| -20 | | 2.3 | 4.1 | 8.8 | 13.8 | 15.9 | 21.0 | 27.9 | 27.9 | 21.0 | 15.9 | 13.8 | 8.8 | 4.1 | 2.3 | | | | |
| -30 | 0.8 | 1.6 | 3.0 | 6.2 | 11.3 | 15.1 | 16.8 | 17.8 | 17.8 | 16.8 | 15.1 | 11.3 | 6.2 | 3.0 | 1.6 | 0.8 | | | |
| -40 | | 1.0 | 2.1 | 4.4 | 7.3 | 10.8 | 14.0 | 17.2 | 17.2 | 14.0 | 10.8 | 7.3 | 4.4 | 2.1 | 1.0 | | | | |
| -50 | 0.2 | 0.6 | 1.4 | 2.9 | 4.4 | 5.8 | 7.8 | 10.9 | 10.9 | 7.8 | 5.8 | 4.4 | 2.9 | 1.4 | 0.6 | 0.2 | | | |
| -60 | | 0.3 | 0.8 | 1.6 | 2.4 | 3.0 | 4.9 | 9.0 | 9.0 | 4.9 | 3.0 | 2.4 | 1.6 | 0.8 | 0.3 | | | | |
| -70 | 0.0 | 0.4 | 1.5 | 3.5 | 6.1 | 3.5 | 1.5 | 0.4 | 0.0 | | | | | | | 0.0 | | | |
| -80 | | 0.4 | 1.5 | 3.5 | 6.1 | 3.5 | 1.5 | 0.4 | 0.0 | | | | | | | | | | |
| -90 | 0.0 | 0.4 | 1.5 | 3.5 | 6.1 | 3.5 | 1.5 | 0.4 | 0.0 | | | | | | | 0.0 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P722858
CATALOG NUMBER: IFLD-S-SA3D-730-U-11

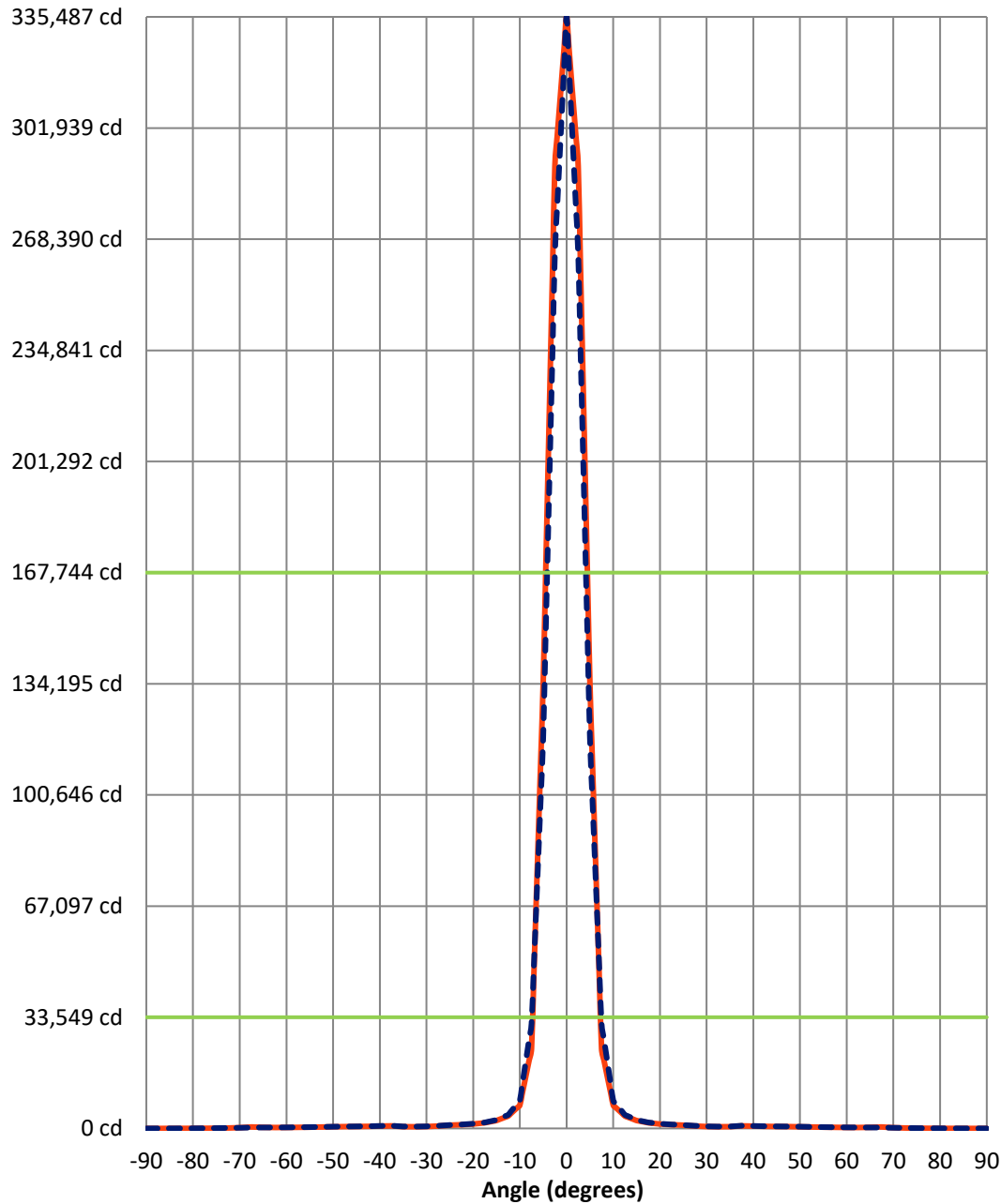
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722858
CATALOG NUMBER: IFLD-S-SA3D-730-U-11

Luminous Intensity Plot



Beam:
H Angle: 8.3°
V Angle: 8.9°
Lumens: 3771.1
Efficiency: 33.7%

Field:
H Angle: 14.9°
V Angle: 14.6°
Lumens: 5956.7
Efficiency: 53.2%

Spill:
Lumens: 5236.8
Efficiency: 46.8%

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



REPORT NUMBER: P722858
 CATALOG NUMBER: IFLD-S-SA3D-730-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° | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 82.5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 5.8 | 5.8 | 5.8 | 5.8 |
| 80° | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 20.5 | 20.5 | 17.5 | 14.6 | 14.6 |
| 77.5° | 43.9 | 46.8 | 49.7 | 46.8 | 43.9 | 43.9 | 40.9 | 35.1 | 32.2 | 26.3 | 23.4 |
| 75° | 73.1 | 78.9 | 81.9 | 78.9 | 76.0 | 73.1 | 67.2 | 58.5 | 49.7 | 40.9 | 35.1 |
| 72.5° | 131.6 | 134.5 | 134.5 | 128.6 | 119.9 | 114.0 | 105.3 | 87.7 | 73.1 | 58.5 | 49.7 |
| 70° | 228.1 | 236.8 | 239.8 | 210.5 | 184.2 | 160.8 | 137.4 | 117.0 | 93.6 | 73.1 | 64.3 |
| 67.5° | 438.6 | 426.9 | 406.4 | 327.5 | 254.4 | 190.0 | 146.2 | 128.6 | 108.2 | 87.7 | 81.9 |
| 65° | 330.4 | 321.6 | 309.9 | 269.0 | 228.1 | 184.2 | 155.0 | 137.4 | 122.8 | 105.3 | 102.3 |
| 62.5° | 277.8 | 277.8 | 271.9 | 245.6 | 219.3 | 187.1 | 166.7 | 155.0 | 140.3 | 125.7 | 125.7 |
| 60° | 289.5 | 295.3 | 289.5 | 263.1 | 233.9 | 204.7 | 187.1 | 175.4 | 160.8 | 152.0 | 152.0 |
| 57.5° | 327.5 | 330.4 | 321.6 | 292.4 | 263.1 | 231.0 | 213.4 | 198.8 | 184.2 | 175.4 | 175.4 |
| 55° | 377.2 | 374.3 | 362.6 | 333.3 | 304.1 | 271.9 | 254.4 | 233.9 | 213.4 | 204.7 | 204.7 |
| 52.5° | 424.0 | 426.9 | 415.2 | 388.9 | 356.7 | 324.5 | 304.1 | 277.8 | 254.4 | 245.6 | 239.8 |
| 50° | 491.2 | 494.1 | 485.4 | 459.0 | 432.7 | 400.6 | 368.4 | 333.3 | 307.0 | 295.3 | 283.6 |
| 47.5° | 549.7 | 549.7 | 540.9 | 523.4 | 502.9 | 473.7 | 438.6 | 406.4 | 377.2 | 356.7 | 336.2 |
| 45° | 576.0 | 576.0 | 570.1 | 561.4 | 549.7 | 523.4 | 488.3 | 453.2 | 432.7 | 421.0 | 403.5 |
| 42.5° | 622.8 | 622.8 | 608.2 | 590.6 | 576.0 | 549.7 | 517.5 | 479.5 | 473.7 | 462.0 | 450.3 |
| 40° | 698.8 | 672.5 | 649.1 | 628.6 | 605.2 | 576.0 | 546.8 | 520.4 | 508.7 | 494.1 | 482.4 |
| 37.5° | 769.0 | 733.9 | 698.8 | 666.6 | 640.3 | 616.9 | 578.9 | 558.5 | 543.8 | 526.3 | 514.6 |
| 35° | 529.2 | 517.5 | 532.1 | 549.7 | 576.0 | 616.9 | 643.2 | 614.0 | 581.8 | 561.4 | 546.8 |
| 32.5° | 505.8 | 505.8 | 508.7 | 508.7 | 502.9 | 500.0 | 526.3 | 587.7 | 649.1 | 616.9 | 587.7 |
| 30° | 561.4 | 573.1 | 576.0 | 570.1 | 549.7 | 523.4 | 508.7 | 505.8 | 535.1 | 619.9 | 643.2 |
| 27.5° | 725.1 | 733.9 | 728.0 | 707.6 | 663.7 | 602.3 | 564.3 | 523.4 | 514.6 | 514.6 | 608.2 |
| 25° | 982.4 | 979.5 | 956.1 | 909.3 | 842.1 | 760.2 | 678.3 | 593.5 | 549.7 | 523.4 | 520.4 |
| 22.5° | 1128.6 | 1128.6 | 1111.1 | 1084.7 | 1040.9 | 959.0 | 845.0 | 731.0 | 622.8 | 561.4 | 526.3 |
| 20° | 1327.4 | 1333.3 | 1312.8 | 1263.1 | 1184.2 | 1111.1 | 1026.3 | 891.8 | 751.4 | 628.6 | 558.5 |
| 17.5° | 1701.7 | 1695.8 | 1649.0 | 1546.7 | 1409.3 | 1283.6 | 1152.0 | 1049.7 | 900.5 | 742.7 | 611.1 |
| 15° | 2385.9 | 2368.3 | 2236.7 | 1999.9 | 1742.6 | 1520.4 | 1327.4 | 1157.8 | 1040.9 | 862.5 | 701.7 |
| 12.5° | 3730.8 | 3681.1 | 3324.4 | 2763.0 | 2268.9 | 1815.7 | 1529.2 | 1301.1 | 1128.6 | 979.5 | 789.4 |
| 10° | 6999.7 | 6947.0 | 5850.6 | 4040.7 | 3105.1 | 2274.7 | 1754.3 | 1438.5 | 1213.4 | 1064.3 | 874.2 |
| 7.5° | 24051.5 | 20797.3 | 12873.7 | 7882.7 | 4105.1 | 2818.6 | 2043.8 | 1590.6 | 1307.0 | 1116.9 | 947.3 |
| 5° | 134651.7 | 111433.4 | 59169.8 | 16151.3 | 6508.5 | 3496.9 | 2321.5 | 1716.3 | 1371.3 | 1154.9 | 991.2 |
| 2.5° | 290480.7 | 239956.7 | 115415.7 | 29270.6 | 8020.1 | 3938.4 | 2482.3 | 1774.8 | 1403.4 | 1172.5 | 1017.5 |
| 0° | 335487.4 | 263791.9 | 117877.6 | 31679.8 | 8403.1 | 4113.8 | 2552.5 | 1801.1 | 1418.1 | 1184.2 | 1026.3 |



REPORT NUMBER: P722858
 CATALOG NUMBER: IFLD-S-SA3D-730-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 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 85° | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 82.5° | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 80° | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 8.8 | 8.8 | 8.8 | 5.8 | 5.8 | 5.8 |
| 77.5° | 23.4 | 23.4 | 20.5 | 20.5 | 17.5 | 17.5 | 17.5 | 14.6 | 11.7 | 11.7 | 8.8 |
| 75° | 35.1 | 35.1 | 35.1 | 32.2 | 29.2 | 26.3 | 26.3 | 23.4 | 20.5 | 17.5 | 17.5 |
| 72.5° | 49.7 | 49.7 | 49.7 | 46.8 | 43.9 | 40.9 | 35.1 | 32.2 | 29.2 | 26.3 | 23.4 |
| 70° | 64.3 | 64.3 | 64.3 | 61.4 | 61.4 | 58.5 | 52.6 | 46.8 | 40.9 | 35.1 | 32.2 |
| 67.5° | 81.9 | 81.9 | 81.9 | 76.0 | 73.1 | 70.2 | 67.2 | 61.4 | 55.6 | 46.8 | 40.9 |
| 65° | 102.3 | 102.3 | 102.3 | 93.6 | 87.7 | 84.8 | 78.9 | 73.1 | 64.3 | 58.5 | 49.7 |
| 62.5° | 128.6 | 128.6 | 122.8 | 114.0 | 105.3 | 96.5 | 90.6 | 84.8 | 76.0 | 67.2 | 58.5 |
| 60° | 152.0 | 152.0 | 149.1 | 137.4 | 125.7 | 111.1 | 105.3 | 96.5 | 87.7 | 78.9 | 67.2 |
| 57.5° | 175.4 | 175.4 | 169.6 | 157.9 | 146.2 | 134.5 | 122.8 | 114.0 | 102.3 | 90.6 | 78.9 |
| 55° | 201.7 | 198.8 | 190.0 | 178.4 | 166.7 | 155.0 | 146.2 | 134.5 | 122.8 | 108.2 | 90.6 |
| 52.5° | 233.9 | 225.1 | 210.5 | 198.8 | 184.2 | 172.5 | 163.7 | 152.0 | 140.3 | 122.8 | 102.3 |
| 50° | 271.9 | 257.3 | 236.8 | 219.3 | 204.7 | 193.0 | 181.3 | 169.6 | 157.9 | 137.4 | 117.0 |
| 47.5° | 318.7 | 295.3 | 271.9 | 248.5 | 228.1 | 213.4 | 198.8 | 187.1 | 169.6 | 149.1 | 128.6 |
| 45° | 374.3 | 339.2 | 312.9 | 283.6 | 260.2 | 236.8 | 219.3 | 204.7 | 181.3 | 157.9 | 137.4 |
| 42.5° | 429.8 | 400.6 | 362.6 | 324.5 | 295.3 | 266.1 | 242.7 | 219.3 | 195.9 | 169.6 | 146.2 |
| 40° | 467.8 | 444.4 | 418.1 | 377.2 | 336.2 | 301.2 | 269.0 | 236.8 | 207.6 | 181.3 | 155.0 |
| 37.5° | 497.1 | 479.5 | 456.1 | 426.9 | 385.9 | 342.1 | 298.2 | 257.3 | 222.2 | 193.0 | 166.7 |
| 35° | 529.2 | 508.7 | 485.4 | 462.0 | 429.8 | 383.0 | 327.5 | 280.7 | 239.8 | 204.7 | 181.3 |
| 32.5° | 564.3 | 535.1 | 511.7 | 485.4 | 462.0 | 424.0 | 365.5 | 307.0 | 257.3 | 222.2 | 198.8 |
| 30° | 605.2 | 567.2 | 535.1 | 508.7 | 482.4 | 447.3 | 403.5 | 336.2 | 283.6 | 245.6 | 216.4 |
| 27.5° | 649.1 | 593.5 | 558.5 | 529.2 | 502.9 | 470.7 | 429.8 | 371.3 | 315.8 | 269.0 | 233.9 |
| 25° | 608.2 | 637.4 | 581.8 | 549.7 | 520.4 | 488.3 | 453.2 | 415.2 | 350.9 | 298.2 | 257.3 |
| 22.5° | 523.4 | 625.7 | 622.8 | 576.0 | 540.9 | 511.7 | 491.2 | 450.3 | 391.8 | 327.5 | 277.8 |
| 20° | 529.2 | 558.5 | 666.6 | 602.3 | 567.2 | 546.8 | 526.3 | 488.3 | 429.8 | 353.8 | 298.2 |
| 17.5° | 546.8 | 535.1 | 614.0 | 643.2 | 602.3 | 576.0 | 561.4 | 526.3 | 464.9 | 388.9 | 330.4 |
| 15° | 593.5 | 543.8 | 567.2 | 678.3 | 634.5 | 605.2 | 596.5 | 552.6 | 497.1 | 426.9 | 362.6 |
| 12.5° | 634.5 | 558.5 | 546.8 | 654.9 | 663.7 | 631.5 | 611.1 | 573.1 | 523.4 | 459.0 | 391.8 |
| 10° | 701.7 | 593.5 | 555.5 | 628.6 | 693.0 | 654.9 | 622.8 | 590.6 | 543.8 | 488.3 | 421.0 |
| 7.5° | 754.4 | 614.0 | 558.5 | 608.2 | 722.2 | 672.5 | 634.5 | 599.4 | 561.4 | 511.7 | 444.4 |
| 5° | 777.7 | 622.8 | 555.5 | 590.6 | 754.4 | 693.0 | 649.1 | 608.2 | 573.1 | 526.3 | 456.1 |
| 2.5° | 789.4 | 625.7 | 552.6 | 576.0 | 786.5 | 719.3 | 654.9 | 608.2 | 573.1 | 529.2 | 456.1 |
| 0° | 795.3 | 619.9 | 552.6 | 584.8 | 809.9 | 745.6 | 657.9 | 608.2 | 570.1 | 526.3 | 450.3 |



REPORT NUMBER: P722858
 CATALOG NUMBER: IFLD-S-SA3D-730-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° | 2.9 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 0.0 | 0.0 |
| 82.5° | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 80° | 5.8 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 77.5° | 8.8 | 8.8 | 5.8 | 5.8 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 75° | 14.6 | 11.7 | 11.7 | 8.8 | 8.8 | 5.8 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 72.5° | 20.5 | 17.5 | 14.6 | 11.7 | 11.7 | 8.8 | 5.8 | 2.9 | 2.9 | 2.9 | 2.9 |
| 70° | 26.3 | 23.4 | 17.5 | 14.6 | 14.6 | 11.7 | 8.8 | 5.8 | 2.9 | 2.9 | 2.9 |
| 67.5° | 35.1 | 29.2 | 23.4 | 17.5 | 17.5 | 14.6 | 11.7 | 8.8 | 5.8 | 2.9 | 2.9 |
| 65° | 43.9 | 35.1 | 29.2 | 23.4 | 20.5 | 17.5 | 14.6 | 11.7 | 8.8 | 2.9 | 2.9 |
| 62.5° | 49.7 | 43.9 | 35.1 | 29.2 | 26.3 | 20.5 | 17.5 | 14.6 | 8.8 | 5.8 | 2.9 |
| 60° | 58.5 | 49.7 | 40.9 | 35.1 | 32.2 | 26.3 | 20.5 | 17.5 | 11.7 | 8.8 | 2.9 |
| 57.5° | 67.2 | 55.6 | 46.8 | 40.9 | 38.0 | 32.2 | 26.3 | 20.5 | 14.6 | 8.8 | 5.8 |
| 55° | 76.0 | 64.3 | 52.6 | 49.7 | 43.9 | 38.0 | 32.2 | 23.4 | 17.5 | 11.7 | 5.8 |
| 52.5° | 84.8 | 70.2 | 61.4 | 58.5 | 52.6 | 43.9 | 35.1 | 29.2 | 20.5 | 14.6 | 8.8 |
| 50° | 96.5 | 78.9 | 70.2 | 67.2 | 58.5 | 49.7 | 40.9 | 35.1 | 26.3 | 17.5 | 8.8 |
| 47.5° | 108.2 | 87.7 | 81.9 | 76.0 | 67.2 | 58.5 | 46.8 | 40.9 | 29.2 | 20.5 | 11.7 |
| 45° | 117.0 | 102.3 | 93.6 | 87.7 | 76.0 | 67.2 | 55.6 | 46.8 | 32.2 | 23.4 | 11.7 |
| 42.5° | 122.8 | 114.0 | 108.2 | 99.4 | 87.7 | 73.1 | 61.4 | 52.6 | 38.0 | 26.3 | 14.6 |
| 40° | 137.4 | 128.6 | 119.9 | 111.1 | 99.4 | 81.9 | 70.2 | 58.5 | 43.9 | 29.2 | 14.6 |
| 37.5° | 152.0 | 140.3 | 131.6 | 122.8 | 111.1 | 93.6 | 81.9 | 64.3 | 49.7 | 32.2 | 17.5 |
| 35° | 166.7 | 155.0 | 143.3 | 134.5 | 122.8 | 108.2 | 90.6 | 73.1 | 55.6 | 35.1 | 20.5 |
| 32.5° | 181.3 | 166.7 | 155.0 | 143.3 | 137.4 | 119.9 | 99.4 | 78.9 | 61.4 | 38.0 | 20.5 |
| 30° | 195.9 | 178.4 | 166.7 | 157.9 | 152.0 | 134.5 | 111.1 | 87.7 | 67.2 | 43.9 | 23.4 |
| 27.5° | 210.5 | 190.0 | 175.4 | 175.4 | 169.6 | 149.1 | 119.9 | 96.5 | 73.1 | 46.8 | 26.3 |
| 25° | 225.1 | 201.7 | 195.9 | 193.0 | 190.0 | 163.7 | 131.6 | 105.3 | 76.0 | 52.6 | 26.3 |
| 22.5° | 239.8 | 222.2 | 213.4 | 210.5 | 204.7 | 178.4 | 143.3 | 111.1 | 81.9 | 55.6 | 29.2 |
| 20° | 263.1 | 245.6 | 233.9 | 225.1 | 222.2 | 195.9 | 155.0 | 119.9 | 87.7 | 55.6 | 29.2 |
| 17.5° | 292.4 | 266.1 | 251.5 | 242.7 | 236.8 | 210.5 | 166.7 | 128.6 | 90.6 | 55.6 | 29.2 |
| 15° | 318.7 | 289.5 | 269.0 | 257.3 | 251.5 | 228.1 | 175.4 | 131.6 | 93.6 | 55.6 | 29.2 |
| 12.5° | 345.0 | 309.9 | 286.5 | 274.8 | 266.1 | 245.6 | 184.2 | 134.5 | 93.6 | 55.6 | 29.2 |
| 10° | 368.4 | 330.4 | 307.0 | 289.5 | 277.8 | 251.5 | 187.1 | 137.4 | 93.6 | 55.6 | 29.2 |
| 7.5° | 388.9 | 347.9 | 315.8 | 289.5 | 277.8 | 257.3 | 187.1 | 140.3 | 93.6 | 55.6 | 32.2 |
| 5° | 391.8 | 347.9 | 312.9 | 289.5 | 280.7 | 260.2 | 190.0 | 140.3 | 93.6 | 52.6 | 29.2 |
| 2.5° | 394.7 | 347.9 | 312.9 | 289.5 | 280.7 | 260.2 | 190.0 | 140.3 | 93.6 | 52.6 | 29.2 |
| 0° | 391.8 | 345.0 | 309.9 | 289.5 | 280.7 | 260.2 | 190.0 | 140.3 | 90.6 | 49.7 | 29.2 |



REPORT NUMBER: P722858
 CATALOG NUMBER: IFLD-S-SA3D-730-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° | 2.9 | 0.0 | 0.0 | 0.0 |
| 77.5° | 2.9 | 0.0 | 0.0 | 0.0 |
| 75° | 2.9 | 2.9 | 0.0 | 0.0 |
| 72.5° | 2.9 | 2.9 | 0.0 | 0.0 |
| 70° | 2.9 | 2.9 | 0.0 | 0.0 |
| 67.5° | 2.9 | 2.9 | 0.0 | 0.0 |
| 65° | 2.9 | 2.9 | 0.0 | 0.0 |
| 62.5° | 2.9 | 2.9 | 0.0 | 0.0 |
| 60° | 2.9 | 2.9 | 0.0 | 0.0 |
| 57.5° | 2.9 | 2.9 | 2.9 | 0.0 |
| 55° | 2.9 | 2.9 | 2.9 | 0.0 |
| 52.5° | 2.9 | 2.9 | 2.9 | 0.0 |
| 50° | 2.9 | 2.9 | 2.9 | 0.0 |
| 47.5° | 2.9 | 2.9 | 2.9 | 0.0 |
| 45° | 2.9 | 2.9 | 2.9 | 0.0 |
| 42.5° | 5.8 | 2.9 | 2.9 | 0.0 |
| 40° | 5.8 | 2.9 | 2.9 | 0.0 |
| 37.5° | 8.8 | 2.9 | 2.9 | 0.0 |
| 35° | 8.8 | 2.9 | 2.9 | 0.0 |
| 32.5° | 8.8 | 2.9 | 2.9 | 0.0 |
| 30° | 8.8 | 2.9 | 2.9 | 0.0 |
| 27.5° | 11.7 | 2.9 | 2.9 | 0.0 |
| 25° | 11.7 | 2.9 | 2.9 | 0.0 |
| 22.5° | 11.7 | 2.9 | 2.9 | 0.0 |
| 20° | 11.7 | 2.9 | 2.9 | 0.0 |
| 17.5° | 11.7 | 2.9 | 2.9 | 0.0 |
| 15° | 14.6 | 2.9 | 2.9 | 0.0 |
| 12.5° | 14.6 | 2.9 | 2.9 | 0.0 |
| 10° | 14.6 | 2.9 | 2.9 | 0.0 |
| 7.5° | 14.6 | 2.9 | 2.9 | 0.0 |
| 5° | 14.6 | 2.9 | 2.9 | 0.0 |
| 2.5° | 14.6 | 2.9 | 2.9 | 0.0 |
| 0° | 14.6 | 2.9 | 2.9 | 0.0 |

(END OF REPORT)