

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: P723233

Luminaire Tested: **IFLD-S-SA3B-727-U-22**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723233
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-727-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens
Light Source: (48) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

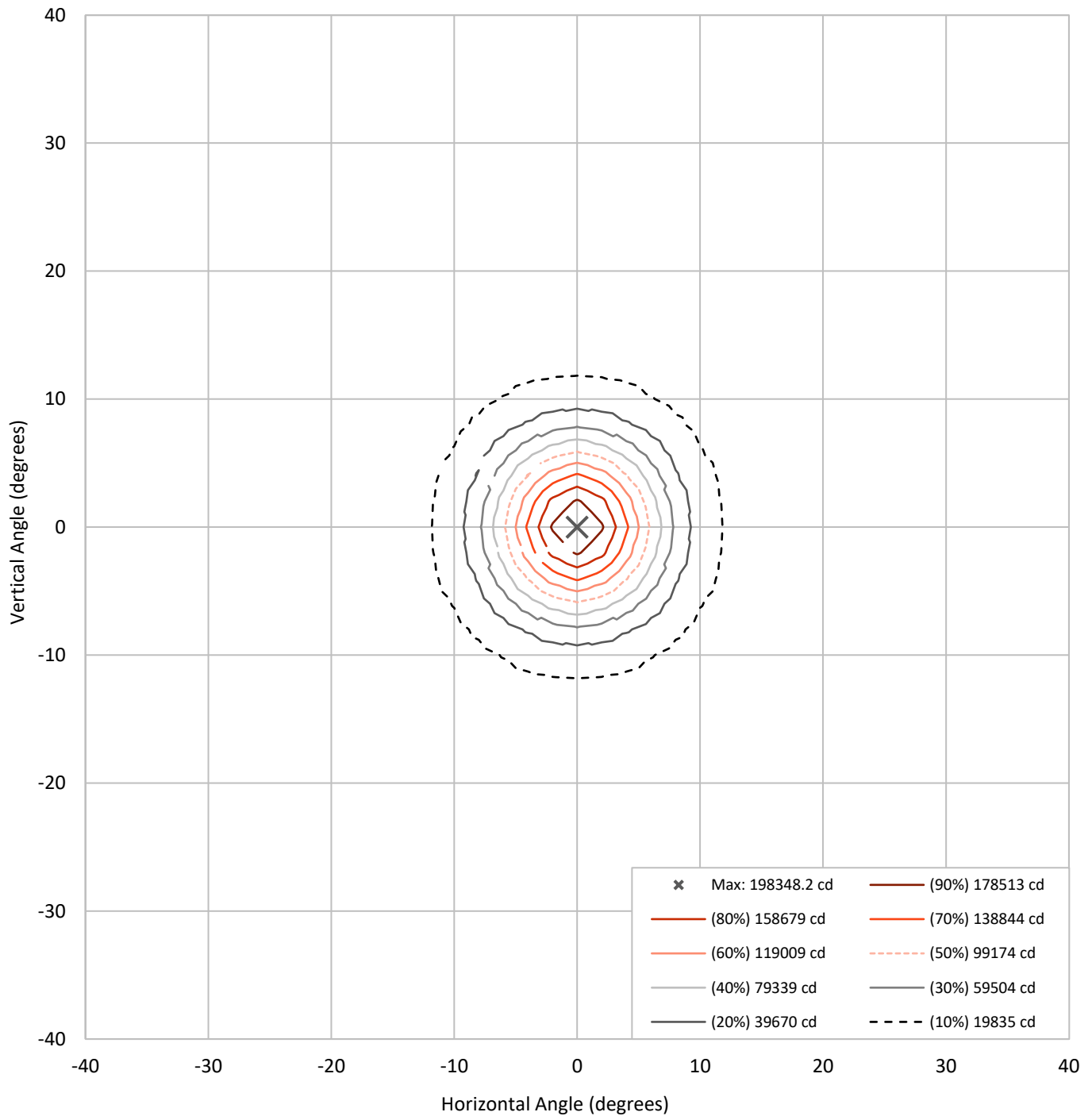
| | | | |
|-------------------|--|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 2H x 2V |
| Luminaire Lumens: | 13281.9 lumens | Max Intensity: | 198348.2 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 108.5 lumens/watt | | |
| Luminous 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: | 3217.3 lumens | Field Lumens: | 6914.1 lumens |
| Beam Efficiency: | 24.2% | Field Efficiency: | 52.1% |

Input Watts (W): 122.4
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: P723233
CATALOG NUMBER: IFLD-S-SA3B-727-U-22

Iso-Candela Plot





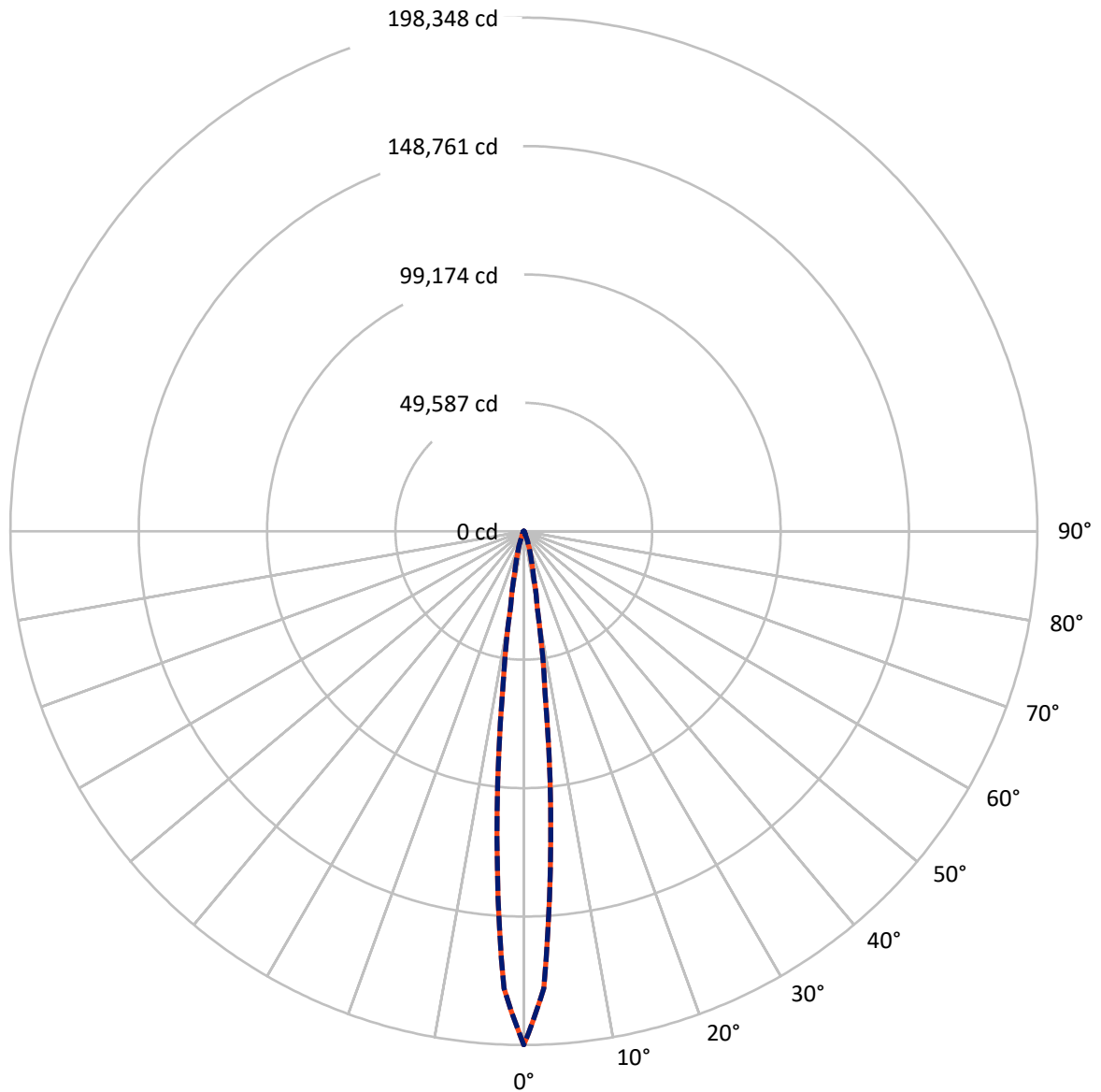
REPORT NUMBER: P723233
 CATALOG NUMBER: IFLD-S-SA3B-727-U-22

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | 0.4 | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | 0.4 | | | |
| 80 | 0.4 | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | 0.4 | | | |
| 70 | 1.3 | 1.2 | 2.2 | 3.4 | 4.6 | 5.5 | 6.2 | 6.5 | 6.5 | 6.2 | 5.5 | 4.6 | 3.4 | 2.2 | 1.2 | 1.3 | | | |
| 60 | | 1.6 | 3.1 | 4.5 | 5.8 | 6.6 | 7.2 | 7.6 | 7.6 | 7.2 | 6.6 | 5.8 | 4.5 | 3.1 | 1.6 | | | | |
| 50 | 1.9 | 2.0 | 3.7 | 5.1 | 6.2 | 7.3 | 8.4 | 9.1 | 9.1 | 8.4 | 7.3 | 6.2 | 5.1 | 3.7 | 2.0 | 1.9 | | | |
| 40 | | 2.4 | 4.0 | 5.4 | 6.9 | 9.3 | 11.9 | 13.6 | 13.6 | 11.9 | 9.3 | 6.9 | 5.4 | 4.0 | 2.4 | | | | |
| 30 | 2.3 | 2.6 | 4.2 | 5.7 | 8.4 | 12.8 | 24.3 | 46.5 | 46.5 | 24.3 | 12.8 | 8.4 | 5.7 | 4.2 | 2.6 | 2.3 | | | |
| 20 | | 2.7 | 4.3 | 6.1 | 10.1 | 22.9 | 112.3 | 313.9 | 313.9 | 112.3 | 22.9 | 10.1 | 6.1 | 4.3 | 2.7 | | | | |
| 10 | 2.5 | 2.8 | 4.4 | 6.5 | 11.3 | 42.7 | 306.0 | 2177.3 | 2177.3 | 306.0 | 42.7 | 11.3 | 6.5 | 4.4 | 2.8 | 2.5 | | | |
| 0 | | 2.8 | 4.4 | 6.5 | 11.3 | 42.7 | 306.0 | 2177.3 | 2177.3 | 306.0 | 42.7 | 11.3 | 6.5 | 4.4 | 2.8 | | | | |
| -10 | 2.3 | 2.7 | 4.3 | 6.1 | 10.1 | 22.9 | 112.3 | 313.9 | 313.9 | 112.3 | 22.9 | 10.1 | 6.1 | 4.3 | 2.7 | 2.3 | | | |
| -20 | | 2.6 | 4.2 | 5.7 | 8.4 | 12.8 | 24.3 | 46.5 | 46.5 | 24.3 | 12.8 | 8.4 | 5.7 | 4.2 | 2.6 | | | | |
| -30 | 1.9 | 2.4 | 4.0 | 5.4 | 6.9 | 9.3 | 11.9 | 13.6 | 13.6 | 11.9 | 9.3 | 6.9 | 5.4 | 4.0 | 2.4 | 1.9 | | | |
| -40 | | 2.0 | 3.7 | 5.1 | 6.2 | 7.3 | 8.4 | 9.1 | 9.1 | 8.4 | 7.3 | 6.2 | 5.1 | 3.7 | 2.0 | | | | |
| -50 | 1.3 | 1.6 | 3.1 | 4.5 | 5.8 | 6.6 | 7.2 | 7.6 | 7.6 | 7.2 | 6.6 | 5.8 | 4.5 | 3.1 | 1.6 | 1.3 | | | |
| -60 | | 1.2 | 2.2 | 3.4 | 4.6 | 5.5 | 6.2 | 6.5 | 6.5 | 6.2 | 5.5 | 4.6 | 3.4 | 2.2 | 1.2 | | | | |
| -70 | 0.4 | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | 0.4 | | | |
| -80 | | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | | | | |
| -90 | 0.4 | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | 0.4 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P723233
CATALOG NUMBER: IFLD-S-SA3B-727-U-22

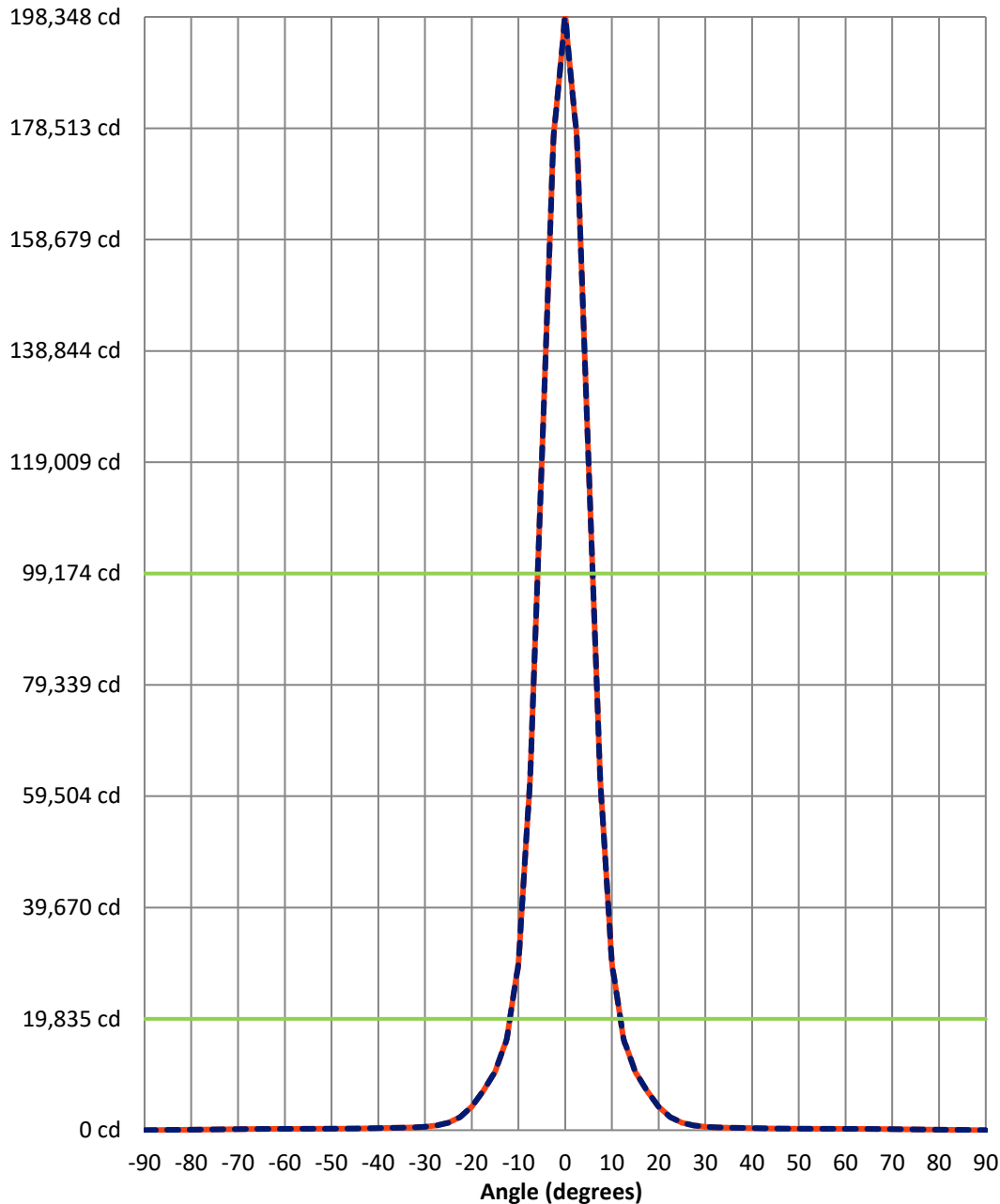
Luminous Intensity Polar Plot



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

REPORT NUMBER: P723233
 CATALOG NUMBER: IFLD-S-SA3B-727-U-22

Luminous Intensity Plot



Beam:
 H Angle: 11.8°
 V Angle: 11.8°
 Lumens: 3217.3
 Efficiency: 24.2%

Field:
 H Angle: 23.7°
 V Angle: 23.7°
 Lumens: 6914.1
 Efficiency: 52.1%

Spill:
 Lumens: 6367.8
 Efficiency: 47.9%

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



REPORT NUMBER: P723233
 CATALOG NUMBER: IFLD-S-SA3B-727-U-22

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° | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 17.6 | 17.6 | 17.6 |
| 85° | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 49.0 | 49.0 | 49.0 | 47.0 | 47.0 | 45.1 |
| 82.5° | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 66.6 | 66.6 | 66.6 | 64.7 | 64.7 | 62.7 |
| 80° | 88.2 | 88.2 | 88.2 | 88.2 | 86.3 | 86.3 | 86.3 | 84.3 | 84.3 | 82.3 | 80.4 |
| 77.5° | 109.8 | 109.8 | 109.8 | 109.8 | 107.8 | 107.8 | 105.9 | 103.9 | 103.9 | 101.9 | 100.0 |
| 75° | 133.3 | 133.3 | 133.3 | 131.3 | 131.3 | 129.4 | 127.4 | 127.4 | 125.5 | 121.5 | 119.6 |
| 72.5° | 158.8 | 158.8 | 158.8 | 156.8 | 156.8 | 154.9 | 152.9 | 150.9 | 147.0 | 145.1 | 141.1 |
| 70° | 184.3 | 184.3 | 184.3 | 182.3 | 180.3 | 178.4 | 176.4 | 174.5 | 170.5 | 168.6 | 164.7 |
| 67.5° | 203.9 | 203.9 | 203.9 | 201.9 | 201.9 | 199.9 | 198.0 | 196.0 | 192.1 | 190.1 | 186.2 |
| 65° | 219.5 | 219.5 | 219.5 | 217.6 | 217.6 | 215.6 | 213.7 | 211.7 | 209.7 | 207.8 | 203.9 |
| 62.5° | 231.3 | 231.3 | 231.3 | 229.3 | 229.3 | 227.4 | 227.4 | 225.4 | 223.5 | 221.5 | 217.6 |
| 60° | 237.2 | 237.2 | 237.2 | 237.2 | 235.2 | 235.2 | 235.2 | 233.3 | 233.3 | 231.3 | 229.3 |
| 57.5° | 245.0 | 245.0 | 245.0 | 245.0 | 243.1 | 243.1 | 241.1 | 239.2 | 239.2 | 237.2 | 235.2 |
| 55° | 249.0 | 249.0 | 249.0 | 249.0 | 249.0 | 247.0 | 247.0 | 247.0 | 245.0 | 243.1 | 241.1 |
| 52.5° | 254.8 | 254.8 | 254.8 | 254.8 | 252.9 | 252.9 | 250.9 | 250.9 | 249.0 | 247.0 | 247.0 |
| 50° | 262.7 | 262.7 | 262.7 | 260.7 | 260.7 | 258.8 | 256.8 | 254.8 | 254.8 | 252.9 | 250.9 |
| 47.5° | 274.4 | 274.4 | 274.4 | 272.5 | 270.5 | 268.6 | 266.6 | 262.7 | 260.7 | 258.8 | 254.8 |
| 45° | 292.1 | 292.1 | 290.1 | 288.2 | 286.2 | 282.3 | 278.4 | 274.4 | 270.5 | 266.6 | 262.7 |
| 42.5° | 327.4 | 327.4 | 323.4 | 319.5 | 313.6 | 305.8 | 298.0 | 290.1 | 284.2 | 278.4 | 272.5 |
| 40° | 368.5 | 368.5 | 364.6 | 358.7 | 350.9 | 343.0 | 331.3 | 319.5 | 307.8 | 292.1 | 284.2 |
| 37.5° | 409.7 | 409.7 | 405.8 | 399.9 | 392.1 | 380.3 | 368.5 | 354.8 | 339.1 | 321.5 | 305.8 |
| 35° | 441.1 | 441.1 | 437.1 | 433.2 | 425.4 | 417.5 | 405.8 | 392.1 | 374.4 | 354.8 | 335.2 |
| 32.5° | 495.9 | 495.9 | 488.1 | 478.3 | 466.5 | 450.9 | 435.2 | 423.4 | 409.7 | 388.1 | 366.6 |
| 30° | 607.7 | 607.7 | 590.0 | 570.4 | 541.0 | 505.7 | 480.3 | 456.7 | 435.2 | 417.5 | 396.0 |
| 27.5° | 842.9 | 833.1 | 803.7 | 754.7 | 690.0 | 607.7 | 560.6 | 507.7 | 472.4 | 441.1 | 421.5 |
| 25° | 1329.1 | 1305.5 | 1238.9 | 1129.1 | 978.2 | 817.4 | 711.6 | 599.8 | 535.1 | 482.2 | 446.9 |
| 22.5° | 2324.9 | 2271.9 | 2117.1 | 1864.2 | 1521.2 | 1215.4 | 974.2 | 774.3 | 631.2 | 545.0 | 482.2 |
| 20° | 4179.3 | 4069.5 | 3740.2 | 3210.9 | 2497.4 | 1946.5 | 1403.5 | 1068.3 | 795.9 | 631.2 | 535.1 |
| 17.5° | 7029.5 | 6833.4 | 6255.2 | 5328.0 | 4179.3 | 3146.2 | 2168.0 | 1507.4 | 1068.3 | 774.3 | 599.8 |
| 15° | 10416.8 | 10142.4 | 9342.6 | 8070.4 | 6500.2 | 4826.1 | 3369.7 | 2168.0 | 1403.5 | 974.2 | 711.6 |
| 12.5° | 16234.8 | 15668.3 | 14027.6 | 11471.4 | 9119.1 | 6907.9 | 4826.1 | 3146.2 | 1946.5 | 1215.4 | 817.4 |
| 10° | 29788.0 | 28135.5 | 23450.5 | 16358.3 | 12496.6 | 9119.1 | 6500.2 | 4179.3 | 2497.4 | 1521.2 | 978.2 |
| 7.5° | 62679.1 | 55334.0 | 39944.1 | 26581.0 | 16358.3 | 11471.4 | 8070.4 | 5328.0 | 3210.9 | 1864.2 | 1129.1 |
| 5° | 119189.3 | 104185.5 | 71782.5 | 39944.1 | 23450.5 | 14027.6 | 9342.6 | 6255.2 | 3740.2 | 2117.1 | 1238.9 |
| 2.5° | 176691.4 | 155949.9 | 104185.5 | 55334.0 | 28135.5 | 15668.3 | 10142.4 | 6833.4 | 4069.5 | 2271.9 | 1305.5 |
| 0° | 198348.2 | 176691.4 | 119189.3 | 62679.1 | 29788.0 | 16234.8 | 10416.8 | 7029.5 | 4179.3 | 2324.9 | 1329.1 |



REPORT NUMBER: P723233
 CATALOG NUMBER: IFLD-S-SA3B-727-U-22

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° | 17.6 | 17.6 | 15.7 | 15.7 | 15.7 | 15.7 | 13.7 | 13.7 | 13.7 | 11.8 | 11.8 |
| 85° | 43.1 | 43.1 | 41.2 | 39.2 | 37.2 | 37.2 | 35.3 | 33.3 | 31.4 | 29.4 | 25.5 |
| 82.5° | 62.7 | 60.8 | 60.8 | 58.8 | 56.8 | 56.8 | 54.9 | 52.9 | 51.0 | 49.0 | 45.1 |
| 80° | 78.4 | 78.4 | 76.4 | 74.5 | 72.5 | 70.6 | 66.6 | 64.7 | 62.7 | 60.8 | 58.8 |
| 77.5° | 98.0 | 96.1 | 92.1 | 90.2 | 88.2 | 84.3 | 82.3 | 78.4 | 76.4 | 72.5 | 68.6 |
| 75° | 117.6 | 113.7 | 111.7 | 107.8 | 103.9 | 100.0 | 96.1 | 92.1 | 88.2 | 84.3 | 80.4 |
| 72.5° | 137.2 | 133.3 | 131.3 | 125.5 | 121.5 | 117.6 | 111.7 | 107.8 | 103.9 | 98.0 | 92.1 |
| 70° | 160.7 | 156.8 | 150.9 | 147.0 | 141.1 | 135.3 | 129.4 | 123.5 | 117.6 | 111.7 | 105.9 |
| 67.5° | 182.3 | 178.4 | 172.5 | 166.6 | 160.7 | 154.9 | 147.0 | 141.1 | 133.3 | 125.5 | 119.6 |
| 65° | 199.9 | 196.0 | 192.1 | 186.2 | 180.3 | 172.5 | 164.7 | 156.8 | 149.0 | 141.1 | 133.3 |
| 62.5° | 213.7 | 209.7 | 205.8 | 201.9 | 196.0 | 190.1 | 184.3 | 174.5 | 166.6 | 156.8 | 147.0 |
| 60° | 225.4 | 223.5 | 219.5 | 213.7 | 209.7 | 203.9 | 198.0 | 190.1 | 182.3 | 170.5 | 160.7 |
| 57.5° | 233.3 | 231.3 | 229.3 | 225.4 | 221.5 | 215.6 | 209.7 | 201.9 | 194.1 | 186.2 | 174.5 |
| 55° | 239.2 | 237.2 | 235.2 | 233.3 | 229.3 | 225.4 | 219.5 | 213.7 | 205.8 | 198.0 | 188.2 |
| 52.5° | 245.0 | 243.1 | 239.2 | 237.2 | 235.2 | 231.3 | 227.4 | 221.5 | 215.6 | 207.8 | 198.0 |
| 50° | 249.0 | 247.0 | 245.0 | 243.1 | 239.2 | 235.2 | 233.3 | 229.3 | 223.5 | 215.6 | 207.8 |
| 47.5° | 252.9 | 250.9 | 249.0 | 247.0 | 245.0 | 241.1 | 237.2 | 233.3 | 229.3 | 223.5 | 215.6 |
| 45° | 258.8 | 254.8 | 252.9 | 249.0 | 247.0 | 245.0 | 241.1 | 237.2 | 233.3 | 229.3 | 221.5 |
| 42.5° | 266.6 | 260.7 | 258.8 | 254.8 | 250.9 | 249.0 | 245.0 | 241.1 | 237.2 | 233.3 | 227.4 |
| 40° | 276.4 | 270.5 | 264.6 | 258.8 | 254.8 | 250.9 | 249.0 | 245.0 | 241.1 | 235.2 | 231.3 |
| 37.5° | 290.1 | 280.3 | 272.5 | 264.6 | 258.8 | 254.8 | 250.9 | 247.0 | 245.0 | 239.2 | 235.2 |
| 35° | 315.6 | 294.0 | 282.3 | 272.5 | 264.6 | 258.8 | 254.8 | 249.0 | 247.0 | 243.1 | 237.2 |
| 32.5° | 343.0 | 319.5 | 296.0 | 282.3 | 272.5 | 264.6 | 258.8 | 252.9 | 249.0 | 245.0 | 239.2 |
| 30° | 372.4 | 345.0 | 319.5 | 294.0 | 280.3 | 270.5 | 260.7 | 254.8 | 250.9 | 247.0 | 243.1 |
| 27.5° | 399.9 | 372.4 | 343.0 | 315.6 | 290.1 | 276.4 | 266.6 | 258.8 | 252.9 | 249.0 | 245.0 |
| 25° | 421.5 | 396.0 | 366.6 | 335.2 | 305.8 | 284.2 | 272.5 | 262.7 | 254.8 | 250.9 | 247.0 |
| 22.5° | 441.1 | 417.5 | 388.1 | 354.8 | 321.5 | 292.1 | 278.4 | 266.6 | 258.8 | 252.9 | 247.0 |
| 20° | 472.4 | 435.2 | 409.7 | 374.4 | 339.1 | 307.8 | 284.2 | 270.5 | 260.7 | 254.8 | 249.0 |
| 17.5° | 507.7 | 456.7 | 423.4 | 392.1 | 354.8 | 319.5 | 290.1 | 274.4 | 262.7 | 254.8 | 250.9 |
| 15° | 560.6 | 480.3 | 435.2 | 405.8 | 368.5 | 331.3 | 298.0 | 278.4 | 266.6 | 256.8 | 250.9 |
| 12.5° | 607.7 | 505.7 | 450.9 | 417.5 | 380.3 | 343.0 | 305.8 | 282.3 | 268.6 | 258.8 | 252.9 |
| 10° | 690.0 | 541.0 | 466.5 | 425.4 | 392.1 | 350.9 | 313.6 | 286.2 | 270.5 | 260.7 | 252.9 |
| 7.5° | 754.7 | 570.4 | 478.3 | 433.2 | 399.9 | 358.7 | 319.5 | 288.2 | 272.5 | 260.7 | 254.8 |
| 5° | 803.7 | 590.0 | 488.1 | 437.1 | 405.8 | 364.6 | 323.4 | 290.1 | 274.4 | 262.7 | 254.8 |
| 2.5° | 833.1 | 607.7 | 495.9 | 441.1 | 409.7 | 368.5 | 327.4 | 292.1 | 274.4 | 262.7 | 254.8 |
| 0° | 842.9 | 607.7 | 495.9 | 441.1 | 409.7 | 368.5 | 327.4 | 292.1 | 274.4 | 262.7 | 254.8 |



REPORT NUMBER: P723233
 CATALOG NUMBER: IFLD-S-SA3B-727-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° | 11.8 | 9.8 | 9.8 | 9.8 | 7.8 | 7.8 | 5.9 | 5.9 | 5.9 | 3.9 | 3.9 |
| 85° | 23.5 | 21.6 | 19.6 | 17.6 | 15.7 | 15.7 | 13.7 | 11.8 | 9.8 | 7.8 | 5.9 |
| 82.5° | 41.2 | 39.2 | 35.3 | 31.4 | 27.4 | 23.5 | 19.6 | 17.6 | 15.7 | 11.8 | 9.8 |
| 80° | 56.8 | 52.9 | 51.0 | 45.1 | 41.2 | 35.3 | 31.4 | 25.5 | 19.6 | 17.6 | 13.7 |
| 77.5° | 66.6 | 62.7 | 58.8 | 56.8 | 52.9 | 47.0 | 41.2 | 35.3 | 29.4 | 21.6 | 17.6 |
| 75° | 76.4 | 72.5 | 68.6 | 64.7 | 60.8 | 54.9 | 51.0 | 45.1 | 37.2 | 29.4 | 19.6 |
| 72.5° | 88.2 | 82.3 | 78.4 | 72.5 | 66.6 | 62.7 | 56.8 | 52.9 | 45.1 | 35.3 | 25.5 |
| 70° | 100.0 | 94.1 | 86.3 | 80.4 | 74.5 | 68.6 | 62.7 | 56.8 | 51.0 | 41.2 | 31.4 |
| 67.5° | 111.7 | 103.9 | 98.0 | 90.2 | 82.3 | 76.4 | 68.6 | 62.7 | 54.9 | 47.0 | 35.3 |
| 65° | 123.5 | 115.7 | 107.8 | 100.0 | 90.2 | 82.3 | 74.5 | 66.6 | 60.8 | 52.9 | 41.2 |
| 62.5° | 137.2 | 127.4 | 117.6 | 107.8 | 100.0 | 90.2 | 80.4 | 72.5 | 64.7 | 56.8 | 45.1 |
| 60° | 150.9 | 139.2 | 127.4 | 117.6 | 107.8 | 98.0 | 86.3 | 78.4 | 68.6 | 58.8 | 51.0 |
| 57.5° | 162.7 | 150.9 | 139.2 | 127.4 | 115.7 | 103.9 | 94.1 | 82.3 | 72.5 | 62.7 | 52.9 |
| 55° | 176.4 | 162.7 | 150.9 | 137.2 | 123.5 | 111.7 | 100.0 | 88.2 | 76.4 | 66.6 | 56.8 |
| 52.5° | 188.2 | 174.5 | 160.7 | 147.0 | 133.3 | 119.6 | 105.9 | 92.1 | 80.4 | 68.6 | 58.8 |
| 50° | 198.0 | 186.2 | 170.5 | 156.8 | 141.1 | 125.5 | 111.7 | 98.0 | 84.3 | 72.5 | 60.8 |
| 47.5° | 205.8 | 194.1 | 182.3 | 166.6 | 149.0 | 133.3 | 117.6 | 103.9 | 88.2 | 76.4 | 62.7 |
| 45° | 213.7 | 201.9 | 190.1 | 174.5 | 156.8 | 141.1 | 123.5 | 107.8 | 92.1 | 78.4 | 64.7 |
| 42.5° | 219.5 | 209.7 | 198.0 | 184.3 | 164.7 | 147.0 | 129.4 | 111.7 | 96.1 | 82.3 | 66.6 |
| 40° | 225.4 | 215.6 | 203.9 | 190.1 | 172.5 | 154.9 | 135.3 | 117.6 | 100.0 | 84.3 | 70.6 |
| 37.5° | 229.3 | 221.5 | 209.7 | 196.0 | 180.3 | 160.7 | 141.1 | 121.5 | 103.9 | 88.2 | 72.5 |
| 35° | 233.3 | 225.4 | 213.7 | 201.9 | 186.2 | 166.6 | 147.0 | 125.5 | 107.8 | 90.2 | 74.5 |
| 32.5° | 235.2 | 229.3 | 219.5 | 205.8 | 192.1 | 172.5 | 150.9 | 131.3 | 111.7 | 92.1 | 76.4 |
| 30° | 237.2 | 231.3 | 223.5 | 209.7 | 196.0 | 178.4 | 156.8 | 133.3 | 113.7 | 96.1 | 78.4 |
| 27.5° | 239.2 | 233.3 | 225.4 | 213.7 | 199.9 | 182.3 | 160.7 | 137.2 | 117.6 | 98.0 | 78.4 |
| 25° | 241.1 | 235.2 | 229.3 | 217.6 | 203.9 | 186.2 | 164.7 | 141.1 | 119.6 | 100.0 | 80.4 |
| 22.5° | 243.1 | 237.2 | 231.3 | 221.5 | 207.8 | 190.1 | 168.6 | 145.1 | 121.5 | 101.9 | 82.3 |
| 20° | 245.0 | 239.2 | 233.3 | 223.5 | 209.7 | 192.1 | 170.5 | 147.0 | 125.5 | 103.9 | 84.3 |
| 17.5° | 247.0 | 239.2 | 233.3 | 225.4 | 211.7 | 196.0 | 174.5 | 150.9 | 127.4 | 103.9 | 84.3 |
| 15° | 247.0 | 241.1 | 235.2 | 227.4 | 213.7 | 198.0 | 176.4 | 152.9 | 127.4 | 105.9 | 86.3 |
| 12.5° | 247.0 | 243.1 | 235.2 | 227.4 | 215.6 | 199.9 | 178.4 | 154.9 | 129.4 | 107.8 | 86.3 |
| 10° | 249.0 | 243.1 | 235.2 | 229.3 | 217.6 | 201.9 | 180.3 | 156.8 | 131.3 | 107.8 | 86.3 |
| 7.5° | 249.0 | 245.0 | 237.2 | 229.3 | 217.6 | 201.9 | 182.3 | 156.8 | 131.3 | 109.8 | 88.2 |
| 5° | 249.0 | 245.0 | 237.2 | 231.3 | 219.5 | 203.9 | 184.3 | 158.8 | 133.3 | 109.8 | 88.2 |
| 2.5° | 249.0 | 245.0 | 237.2 | 231.3 | 219.5 | 203.9 | 184.3 | 158.8 | 133.3 | 109.8 | 88.2 |
| 0° | 249.0 | 245.0 | 237.2 | 231.3 | 219.5 | 203.9 | 184.3 | 158.8 | 133.3 | 109.8 | 88.2 |



REPORT NUMBER: P723233
 CATALOG NUMBER: IFLD-S-SA3B-727-U-22

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.0 | 2.0 | 0.0 | 0.0 |
| 85° | 5.9 | 3.9 | 2.0 | 0.0 |
| 82.5° | 7.8 | 5.9 | 2.0 | 0.0 |
| 80° | 9.8 | 5.9 | 3.9 | 0.0 |
| 77.5° | 11.8 | 7.8 | 3.9 | 0.0 |
| 75° | 15.7 | 9.8 | 5.9 | 0.0 |
| 72.5° | 17.6 | 11.8 | 5.9 | 0.0 |
| 70° | 19.6 | 13.7 | 5.9 | 0.0 |
| 67.5° | 23.5 | 15.7 | 7.8 | 0.0 |
| 65° | 27.4 | 15.7 | 7.8 | 0.0 |
| 62.5° | 31.4 | 17.6 | 9.8 | 0.0 |
| 60° | 35.3 | 19.6 | 9.8 | 0.0 |
| 57.5° | 39.2 | 21.6 | 9.8 | 0.0 |
| 55° | 41.2 | 23.5 | 11.8 | 0.0 |
| 52.5° | 45.1 | 25.5 | 11.8 | 0.0 |
| 50° | 49.0 | 29.4 | 11.8 | 0.0 |
| 47.5° | 51.0 | 31.4 | 13.7 | 0.0 |
| 45° | 52.9 | 33.3 | 13.7 | 0.0 |
| 42.5° | 54.9 | 35.3 | 13.7 | 0.0 |
| 40° | 56.8 | 37.2 | 15.7 | 0.0 |
| 37.5° | 56.8 | 37.2 | 15.7 | 0.0 |
| 35° | 58.8 | 39.2 | 15.7 | 0.0 |
| 32.5° | 60.8 | 41.2 | 15.7 | 0.0 |
| 30° | 60.8 | 43.1 | 17.6 | 0.0 |
| 27.5° | 62.7 | 43.1 | 17.6 | 0.0 |
| 25° | 62.7 | 45.1 | 17.6 | 0.0 |
| 22.5° | 64.7 | 47.0 | 17.6 | 0.0 |
| 20° | 64.7 | 47.0 | 17.6 | 0.0 |
| 17.5° | 66.6 | 49.0 | 19.6 | 0.0 |
| 15° | 66.6 | 49.0 | 19.6 | 0.0 |
| 12.5° | 66.6 | 49.0 | 19.6 | 0.0 |
| 10° | 68.6 | 51.0 | 19.6 | 0.0 |
| 7.5° | 68.6 | 51.0 | 19.6 | 0.0 |
| 5° | 68.6 | 51.0 | 19.6 | 0.0 |
| 2.5° | 68.6 | 51.0 | 19.6 | 0.0 |
| 0° | 68.6 | 51.0 | 19.6 | 0.0 |

(END OF REPORT)