

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Brand: McGRAW-EDISON

Report Number: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3E-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-740-U-LAM-XX
Description: GALLEON FLOOD, THREE LIGHT SQUARE, LAMBERTIAN
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

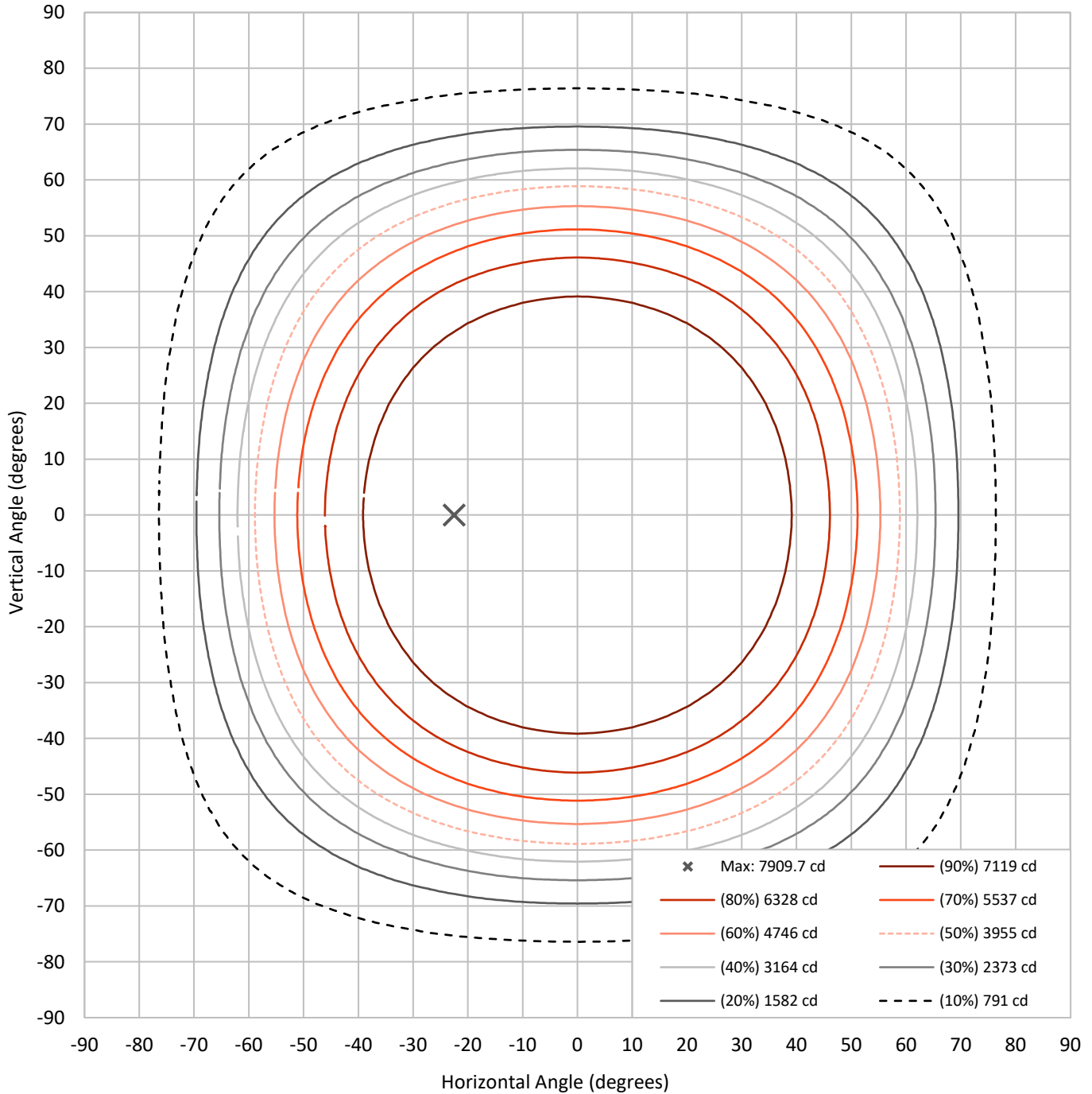
Summary

| | | | |
|-----------------------------------|--|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 24196.4 lumens | Max Intensity: | 7909.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | -22.5°H x 0°V |
| Efficacy: | 130.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 117.8°H x 112°V | Field Angle (10%): | 152.8°H x 150.5°V |
| Beam Lumens: | 20136.7 lumens | Field Lumens: | 23720.5 lumens |
| Beam Efficiency: | 83.2% | Field Efficiency: | 98.0% |
| Input Watts (W): | 185.2 | | |
| 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: | 25 FT | | |



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CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

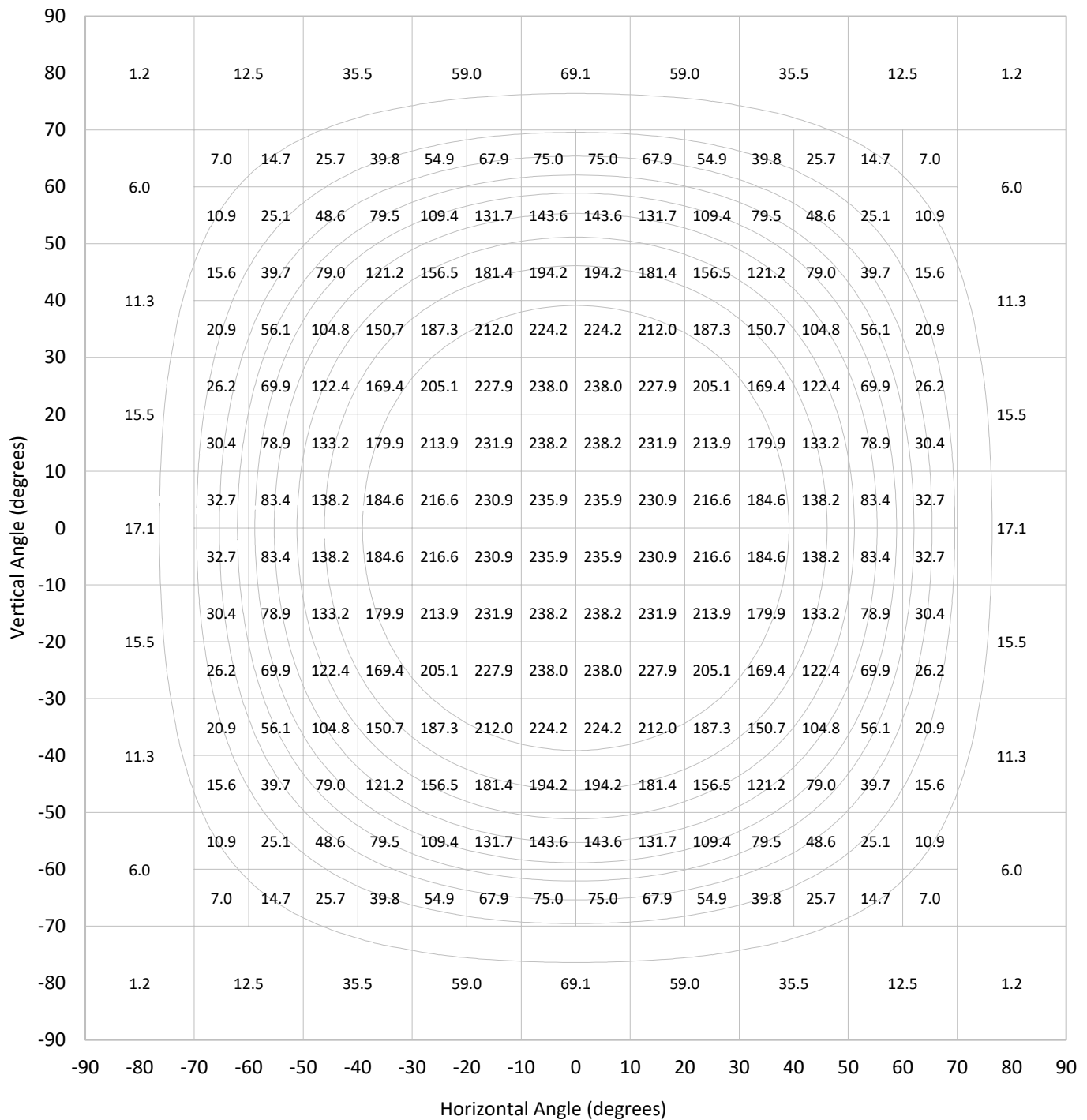
Iso-Candela Plot





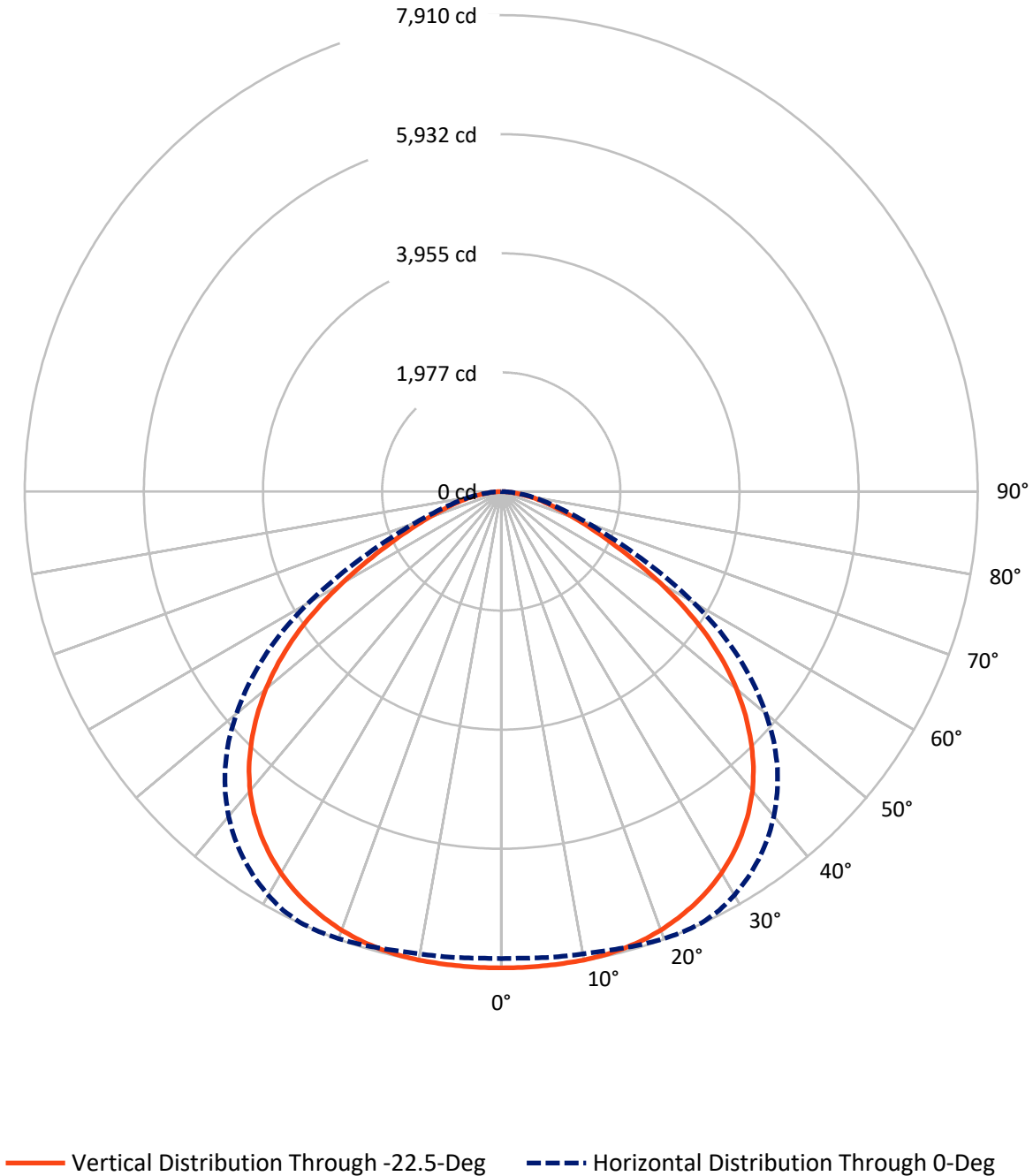
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Lumen Table



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CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

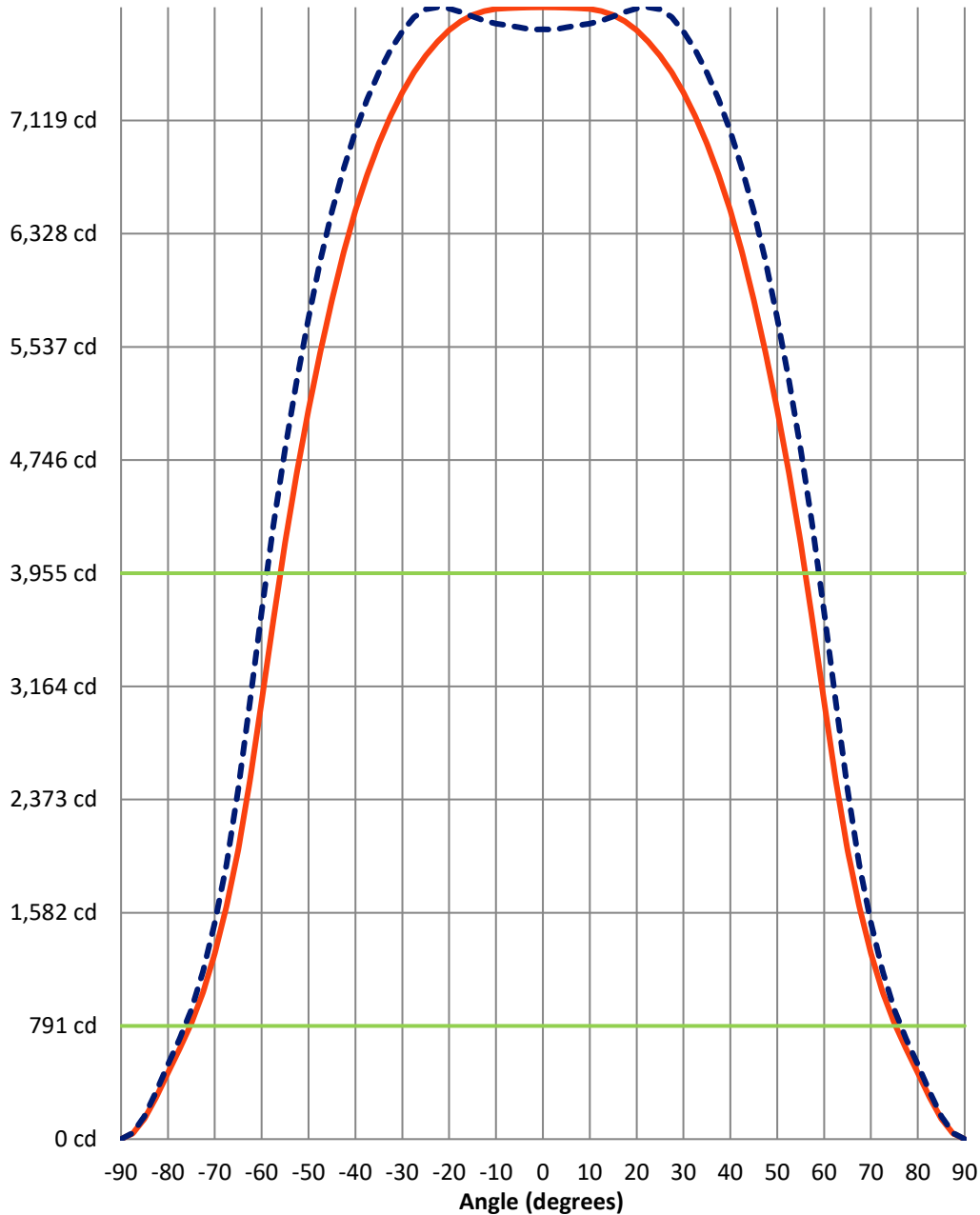
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 20136.7
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 23720.5
 Efficiency: 98.0%

Spill:
 Lumens: 475.9
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|
| 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 | 1.9 | 3.8 | 5.7 | 7.5 | 9.4 | 11.2 | 13.0 | 14.8 | 16.6 | 18.3 |
| 85° | 0.0 | 3.8 | 7.5 | 11.3 | 15.0 | 18.7 | 22.4 | 26.0 | 29.6 | 33.1 | 36.6 |
| 82.5° | 0.0 | 5.7 | 11.3 | 16.9 | 22.5 | 28.0 | 33.5 | 39.0 | 46.1 | 60.4 | 74.5 |
| 80° | 0.0 | 7.5 | 15.0 | 22.5 | 29.9 | 37.3 | 46.9 | 66.5 | 85.9 | 105.0 | 123.7 |
| 77.5° | 0.0 | 9.4 | 18.7 | 28.0 | 37.3 | 52.0 | 76.8 | 101.3 | 125.5 | 149.3 | 178.0 |
| 75° | 0.0 | 11.2 | 22.4 | 33.5 | 46.9 | 76.8 | 106.4 | 135.8 | 166.4 | 207.9 | 248.7 |
| 72.5° | 0.0 | 13.0 | 26.0 | 39.0 | 66.5 | 101.3 | 135.8 | 173.9 | 222.9 | 271.2 | 318.7 |
| 70° | 0.0 | 14.8 | 29.6 | 46.1 | 85.9 | 125.5 | 166.4 | 222.9 | 278.7 | 333.9 | 393.5 |
| 67.5° | 0.0 | 16.6 | 33.1 | 60.4 | 105.0 | 149.3 | 207.9 | 271.2 | 333.9 | 401.8 | 468.7 |
| 65° | 0.0 | 18.3 | 36.6 | 74.5 | 123.7 | 178.0 | 248.7 | 318.7 | 393.5 | 468.7 | 541.8 |
| 62.5° | 0.0 | 20.0 | 39.9 | 88.3 | 142.1 | 211.4 | 288.7 | 368.6 | 452.1 | 533.8 | 611.2 |
| 60° | 0.0 | 21.6 | 43.3 | 101.8 | 160.1 | 244.1 | 327.9 | 418.9 | 509.4 | 595.2 | 679.3 |
| 57.5° | 0.0 | 23.3 | 52.0 | 114.9 | 185.2 | 276.0 | 369.6 | 468.0 | 563.4 | 655.3 | 752.0 |
| 55° | 0.0 | 24.8 | 60.5 | 127.7 | 210.1 | 307.0 | 410.6 | 515.9 | 615.6 | 715.7 | 825.8 |
| 52.5° | 0.0 | 26.4 | 68.8 | 140.2 | 234.2 | 337.7 | 450.4 | 560.5 | 666.3 | 780.4 | 897.7 |
| 50° | 0.0 | 27.8 | 76.8 | 152.2 | 257.5 | 369.8 | 489.0 | 603.4 | 717.3 | 843.1 | 987.1 |
| 47.5° | 0.0 | 29.2 | 84.5 | 165.0 | 280.0 | 400.9 | 526.1 | 644.9 | 771.2 | 903.8 | 1075.8 |
| 45° | 0.0 | 30.6 | 91.9 | 181.3 | 301.7 | 430.7 | 560.3 | 684.9 | 823.1 | 980.3 | 1161.4 |
| 42.5° | 0.0 | 31.9 | 99.1 | 196.8 | 322.4 | 459.3 | 593.1 | 726.2 | 873.0 | 1054.2 | 1262.4 |
| 40° | 0.0 | 33.2 | 105.8 | 211.6 | 343.2 | 486.6 | 624.4 | 767.8 | 925.5 | 1124.9 | 1362.0 |
| 37.5° | 0.0 | 34.3 | 112.3 | 225.7 | 363.9 | 512.5 | 654.1 | 807.3 | 985.1 | 1197.1 | 1457.1 |
| 35° | 0.0 | 35.5 | 118.3 | 239.0 | 383.5 | 536.3 | 682.3 | 844.8 | 1041.5 | 1277.8 | 1554.1 |
| 32.5° | 0.0 | 36.5 | 124.1 | 251.5 | 401.9 | 558.3 | 709.9 | 880.0 | 1094.7 | 1353.9 | 1656.1 |
| 30° | 0.0 | 37.5 | 129.4 | 263.1 | 419.0 | 578.9 | 738.0 | 915.4 | 1144.5 | 1425.1 | 1751.7 |
| 27.5° | 0.0 | 38.4 | 134.3 | 274.0 | 435.0 | 597.9 | 764.1 | 955.6 | 1195.3 | 1491.4 | 1840.8 |
| 25° | 0.0 | 39.2 | 138.9 | 283.9 | 449.7 | 615.5 | 788.1 | 992.7 | 1249.2 | 1560.5 | 1923.9 |
| 22.5° | 0.0 | 40.0 | 143.0 | 293.0 | 463.0 | 631.5 | 810.0 | 1026.5 | 1298.4 | 1627.4 | 2021.0 |
| 20° | 0.0 | 40.7 | 146.8 | 301.1 | 475.1 | 645.9 | 829.7 | 1056.9 | 1342.7 | 1687.8 | 2108.7 |
| 17.5° | 0.0 | 41.3 | 150.1 | 308.4 | 485.7 | 658.7 | 847.3 | 1084.0 | 1382.1 | 1741.5 | 2186.7 |
| 15° | 0.0 | 41.8 | 153.0 | 314.7 | 495.0 | 669.9 | 862.5 | 1107.5 | 1416.5 | 1788.3 | 2254.7 |
| 12.5° | 0.0 | 42.3 | 155.4 | 320.1 | 502.9 | 679.3 | 875.5 | 1127.6 | 1445.7 | 1828.1 | 2312.7 |
| 10° | 0.0 | 42.6 | 157.4 | 324.4 | 509.4 | 687.1 | 886.2 | 1144.1 | 1469.8 | 1860.9 | 2360.3 |
| 7.5° | 0.0 | 42.9 | 159.0 | 327.9 | 514.5 | 693.2 | 894.5 | 1156.9 | 1488.5 | 1886.5 | 2397.5 |
| 5° | 0.0 | 43.1 | 160.1 | 330.3 | 518.1 | 697.5 | 900.4 | 1166.1 | 1501.9 | 1904.8 | 2424.2 |
| 2.5° | 0.0 | 43.3 | 160.8 | 331.8 | 520.3 | 700.1 | 904.0 | 1171.7 | 1510.0 | 1915.8 | 2440.2 |
| 0° | 0.0 | 43.3 | 161.0 | 332.3 | 521.0 | 701.0 | 905.2 | 1173.5 | 1512.7 | 1919.5 | 2445.6 |
| -2.5° | 0.0 | 43.3 | 160.8 | 331.8 | 520.3 | 700.1 | 904.0 | 1171.7 | 1510.0 | 1915.8 | 2440.2 |
| -5° | 0.0 | 43.1 | 160.1 | 330.3 | 518.1 | 697.5 | 900.4 | 1166.1 | 1501.9 | 1904.8 | 2424.2 |
| -7.5° | 0.0 | 42.9 | 159.0 | 327.9 | 514.5 | 693.2 | 894.5 | 1156.9 | 1488.5 | 1886.5 | 2397.5 |
| -10° | 0.0 | 42.6 | 157.4 | 324.4 | 509.4 | 687.1 | 886.2 | 1144.1 | 1469.8 | 1860.9 | 2360.3 |
| -12.5° | 0.0 | 42.3 | 155.4 | 320.1 | 502.9 | 679.3 | 875.5 | 1127.6 | 1445.7 | 1828.1 | 2312.7 |
| -15° | 0.0 | 41.8 | 153.0 | 314.7 | 495.0 | 669.9 | 862.5 | 1107.5 | 1416.5 | 1788.3 | 2254.7 |
| -17.5° | 0.0 | 41.3 | 150.1 | 308.4 | 485.7 | 658.7 | 847.3 | 1084.0 | 1382.1 | 1741.5 | 2186.7 |
| -20° | 0.0 | 40.7 | 146.8 | 301.1 | 475.1 | 645.9 | 829.7 | 1056.9 | 1342.7 | 1687.8 | 2108.7 |

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|
| -22.5° | 0.0 | 40.0 | 143.0 | 293.0 | 463.0 | 631.5 | 810.0 | 1026.5 | 1298.4 | 1627.4 | 2021.0 |
| -25° | 0.0 | 39.2 | 138.9 | 283.9 | 449.7 | 615.5 | 788.1 | 992.7 | 1249.2 | 1560.5 | 1923.9 |
| -27.5° | 0.0 | 38.4 | 134.3 | 274.0 | 435.0 | 597.9 | 764.1 | 955.6 | 1195.3 | 1491.4 | 1840.8 |
| -30° | 0.0 | 37.5 | 129.4 | 263.1 | 419.0 | 578.9 | 738.0 | 915.4 | 1144.5 | 1425.1 | 1751.7 |
| -32.5° | 0.0 | 36.5 | 124.1 | 251.5 | 401.9 | 558.3 | 709.9 | 880.0 | 1094.7 | 1353.9 | 1656.1 |
| -35° | 0.0 | 35.5 | 118.3 | 239.0 | 383.5 | 536.3 | 682.3 | 844.8 | 1041.5 | 1277.8 | 1554.1 |
| -37.5° | 0.0 | 34.3 | 112.3 | 225.7 | 363.9 | 512.5 | 654.1 | 807.3 | 985.1 | 1197.1 | 1457.1 |
| -40° | 0.0 | 33.2 | 105.8 | 211.6 | 343.2 | 486.6 | 624.4 | 767.8 | 925.5 | 1124.9 | 1362.0 |
| -42.5° | 0.0 | 31.9 | 99.1 | 196.8 | 322.4 | 459.3 | 593.1 | 726.2 | 873.0 | 1054.2 | 1262.4 |
| -45° | 0.0 | 30.6 | 91.9 | 181.3 | 301.7 | 430.7 | 560.3 | 684.9 | 823.1 | 980.3 | 1161.4 |
| -47.5° | 0.0 | 29.2 | 84.5 | 165.0 | 280.0 | 400.9 | 526.1 | 644.9 | 771.2 | 903.8 | 1075.8 |
| -50° | 0.0 | 27.8 | 76.8 | 152.2 | 257.5 | 369.8 | 489.0 | 603.4 | 717.3 | 843.1 | 987.1 |
| -52.5° | 0.0 | 26.4 | 68.8 | 140.2 | 234.2 | 337.7 | 450.4 | 560.5 | 666.3 | 780.4 | 897.7 |
| -55° | 0.0 | 24.8 | 60.5 | 127.7 | 210.1 | 307.0 | 410.6 | 515.9 | 615.6 | 715.7 | 825.8 |
| -57.5° | 0.0 | 23.3 | 52.0 | 114.9 | 185.2 | 276.0 | 369.6 | 468.0 | 563.4 | 655.3 | 752.0 |
| -60° | 0.0 | 21.6 | 43.3 | 101.8 | 160.1 | 244.1 | 327.9 | 418.9 | 509.4 | 595.2 | 679.3 |
| -62.5° | 0.0 | 20.0 | 39.9 | 88.3 | 142.1 | 211.4 | 288.7 | 368.6 | 452.1 | 533.8 | 611.2 |
| -65° | 0.0 | 18.3 | 36.6 | 74.5 | 123.7 | 178.0 | 248.7 | 318.7 | 393.5 | 468.7 | 541.8 |
| -67.5° | 0.0 | 16.6 | 33.1 | 60.4 | 105.0 | 149.3 | 207.9 | 271.2 | 333.9 | 401.8 | 468.7 |
| -70° | 0.0 | 14.8 | 29.6 | 46.1 | 85.9 | 125.5 | 166.4 | 222.9 | 278.7 | 333.9 | 393.5 |
| -72.5° | 0.0 | 13.0 | 26.0 | 39.0 | 66.5 | 101.3 | 135.8 | 173.9 | 222.9 | 271.2 | 318.7 |
| -75° | 0.0 | 11.2 | 22.4 | 33.5 | 46.9 | 76.8 | 106.4 | 135.8 | 166.4 | 207.9 | 248.7 |
| -77.5° | 0.0 | 9.4 | 18.7 | 28.0 | 37.3 | 52.0 | 76.8 | 101.3 | 125.5 | 149.3 | 178.0 |
| -80° | 0.0 | 7.5 | 15.0 | 22.5 | 29.9 | 37.3 | 46.9 | 66.5 | 85.9 | 105.0 | 123.7 |
| -82.5° | 0.0 | 5.7 | 11.3 | 16.9 | 22.5 | 28.0 | 33.5 | 39.0 | 46.1 | 60.4 | 74.5 |
| -85° | 0.0 | 3.8 | 7.5 | 11.3 | 15.0 | 18.7 | 22.4 | 26.0 | 29.6 | 33.1 | 36.6 |
| -87.5° | 0.0 | 1.9 | 3.8 | 5.7 | 7.5 | 9.4 | 11.2 | 13.0 | 14.8 | 16.6 | 18.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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° | 20.0 | 21.6 | 23.3 | 24.8 | 26.4 | 27.8 | 29.2 | 30.6 | 31.9 | 33.2 | 34.3 |
| 85° | 39.9 | 43.3 | 52.0 | 60.5 | 68.8 | 76.8 | 84.5 | 91.9 | 99.1 | 105.8 | 112.3 |
| 82.5° | 88.3 | 101.8 | 114.9 | 127.7 | 140.2 | 152.2 | 165.0 | 181.3 | 196.8 | 211.6 | 225.7 |
| 80° | 142.1 | 160.1 | 185.2 | 210.1 | 234.2 | 257.5 | 280.0 | 301.7 | 322.4 | 343.2 | 363.9 |
| 77.5° | 211.4 | 244.1 | 276.0 | 307.0 | 337.7 | 369.8 | 400.9 | 430.7 | 459.3 | 486.6 | 512.5 |
| 75° | 288.7 | 327.9 | 369.6 | 410.6 | 450.4 | 489.0 | 526.1 | 560.3 | 593.1 | 624.4 | 654.1 |
| 72.5° | 368.6 | 418.9 | 468.0 | 515.9 | 560.5 | 603.4 | 644.9 | 684.9 | 726.2 | 767.8 | 807.3 |
| 70° | 452.1 | 509.4 | 563.4 | 615.6 | 666.3 | 717.3 | 771.2 | 823.1 | 873.0 | 925.5 | 985.1 |
| 67.5° | 533.8 | 595.2 | 655.3 | 715.7 | 780.4 | 843.1 | 903.8 | 980.3 | 1054.2 | 1124.9 | 1197.1 |
| 65° | 611.2 | 679.3 | 752.0 | 825.8 | 897.7 | 987.1 | 1075.8 | 1161.4 | 1262.4 | 1362.0 | 1457.1 |
| 62.5° | 687.4 | 770.3 | 853.3 | 943.6 | 1047.5 | 1148.4 | 1265.3 | 1384.7 | 1499.6 | 1629.0 | 1755.1 |
| 60° | 770.3 | 862.5 | 967.9 | 1084.0 | 1203.5 | 1342.7 | 1477.8 | 1627.4 | 1778.2 | 1923.9 | 2102.7 |
| 57.5° | 853.3 | 967.9 | 1096.2 | 1234.5 | 1389.5 | 1546.0 | 1721.7 | 1891.7 | 2095.6 | 2299.4 | 2502.1 |
| 55° | 943.6 | 1084.0 | 1234.5 | 1405.2 | 1583.7 | 1778.7 | 1982.5 | 2219.9 | 2449.7 | 2705.8 | 2951.0 |
| 52.5° | 1047.5 | 1203.5 | 1389.5 | 1583.7 | 1797.8 | 2032.2 | 2295.1 | 2567.0 | 2853.4 | 3131.4 | 3404.1 |
| 50° | 1148.4 | 1342.7 | 1546.0 | 1778.7 | 2032.2 | 2320.3 | 2626.0 | 2942.7 | 3255.3 | 3560.3 | 3845.9 |
| 47.5° | 1265.3 | 1477.8 | 1721.7 | 1982.5 | 2295.1 | 2626.0 | 2972.6 | 3317.7 | 3654.9 | 3967.7 | 4267.3 |
| 45° | 1384.7 | 1627.4 | 1891.7 | 2219.9 | 2567.0 | 2942.7 | 3317.7 | 3686.6 | 4029.1 | 4352.4 | 4635.2 |
| 42.5° | 1499.6 | 1778.2 | 2095.6 | 2449.7 | 2853.4 | 3255.3 | 3654.9 | 4029.1 | 4380.1 | 4691.4 | 4975.5 |
| 40° | 1629.0 | 1923.9 | 2299.4 | 2705.8 | 3131.4 | 3560.3 | 3967.7 | 4352.4 | 4691.4 | 5001.4 | 5289.1 |
| 37.5° | 1755.1 | 2102.7 | 2502.1 | 2951.0 | 3404.1 | 3845.9 | 4267.3 | 4635.2 | 4975.5 | 5289.1 | 5565.0 |
| 35° | 1874.7 | 2272.7 | 2717.4 | 3188.7 | 3664.4 | 4113.5 | 4523.8 | 4898.3 | 5236.4 | 5540.6 | 5822.7 |
| 32.5° | 2007.7 | 2433.3 | 2921.3 | 3417.1 | 3901.5 | 4358.9 | 4765.6 | 5131.9 | 5468.0 | 5777.0 | 6057.2 |
| 30° | 2144.9 | 2606.6 | 3114.7 | 3632.2 | 4124.3 | 4571.6 | 4977.6 | 5348.6 | 5682.0 | 5987.2 | 6261.8 |
| 27.5° | 2272.7 | 2770.1 | 3299.3 | 3826.8 | 4327.7 | 4771.1 | 5171.7 | 5536.9 | 5872.2 | 6179.5 | 6445.6 |
| 25° | 2390.7 | 2921.3 | 3470.1 | 4004.9 | 4499.0 | 4943.5 | 5347.6 | 5712.5 | 6046.0 | 6340.9 | 6599.6 |
| 22.5° | 2507.2 | 3059.7 | 3626.7 | 4168.4 | 4656.4 | 5097.5 | 5498.0 | 5863.9 | 6197.5 | 6489.6 | 6737.9 |
| 20° | 2620.5 | 3188.7 | 3764.8 | 4313.3 | 4799.2 | 5237.5 | 5634.8 | 6000.1 | 6324.8 | 6607.7 | 6854.8 |
| 17.5° | 2721.3 | 3303.7 | 3885.6 | 4430.4 | 4916.7 | 5357.0 | 5756.0 | 6122.4 | 6439.4 | 6714.1 | 6955.7 |
| 15° | 2809.3 | 3404.1 | 3991.3 | 4532.9 | 5017.7 | 5456.2 | 5855.2 | 6217.7 | 6532.5 | 6805.0 | 7044.8 |
| 12.5° | 2884.4 | 3489.8 | 4081.4 | 4620.4 | 5104.0 | 5541.2 | 5940.3 | 6297.7 | 6607.2 | 6876.2 | 7110.8 |
| 10° | 2946.1 | 3560.3 | 4155.7 | 4692.5 | 5175.2 | 5611.4 | 6010.6 | 6364.0 | 6669.2 | 6935.3 | 7165.8 |
| 7.5° | 2994.3 | 3615.4 | 4213.8 | 4749.0 | 5231.0 | 5666.3 | 6065.8 | 6416.0 | 6717.9 | 6981.9 | 7209.2 |
| 5° | 3028.9 | 3654.9 | 4255.5 | 4789.5 | 5271.0 | 5705.9 | 6105.5 | 6453.5 | 6753.0 | 7015.5 | 7240.6 |
| 2.5° | 3049.7 | 3678.7 | 4280.5 | 4813.9 | 5295.1 | 5729.7 | 6129.4 | 6476.1 | 6774.2 | 7035.8 | 7259.6 |
| 0° | 3056.6 | 3686.6 | 4288.9 | 4822.0 | 5303.2 | 5737.6 | 6137.4 | 6483.6 | 6781.3 | 7042.6 | 7265.9 |
| -2.5° | 3049.7 | 3678.7 | 4280.5 | 4813.9 | 5295.1 | 5729.7 | 6129.4 | 6476.1 | 6774.2 | 7035.8 | 7259.6 |
| -5° | 3028.9 | 3654.9 | 4255.5 | 4789.5 | 5271.0 | 5705.9 | 6105.5 | 6453.5 | 6753.0 | 7015.5 | 7240.6 |
| -7.5° | 2994.3 | 3615.4 | 4213.8 | 4749.0 | 5231.0 | 5666.3 | 6065.8 | 6416.0 | 6717.9 | 6981.9 | 7209.2 |
| -10° | 2946.1 | 3560.3 | 4155.7 | 4692.5 | 5175.2 | 5611.4 | 6010.6 | 6364.0 | 6669.2 | 6935.3 | 7165.8 |
| -12.5° | 2884.4 | 3489.8 | 4081.4 | 4620.4 | 5104.0 | 5541.2 | 5940.3 | 6297.7 | 6607.2 | 6876.2 | 7110.8 |
| -15° | 2809.3 | 3404.1 | 3991.3 | 4532.9 | 5017.7 | 5456.2 | 5855.2 | 6217.7 | 6532.5 | 6805.0 | 7044.8 |
| -17.5° | 2721.3 | 3303.7 | 3885.6 | 4430.4 | 4916.7 | 5357.0 | 5756.0 | 6122.4 | 6439.4 | 6714.1 | 6955.7 |
| -20° | 2620.5 | 3188.7 | 3764.8 | 4313.3 | 4799.2 | 5237.5 | 5634.8 | 6000.1 | 6324.8 | 6607.7 | 6854.8 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2507.2 | 3059.7 | 3626.7 | 4168.4 | 4656.4 | 5097.5 | 5498.0 | 5863.9 | 6197.5 | 6489.6 | 6737.9 |
| -25° | 2390.7 | 2921.3 | 3470.1 | 4004.9 | 4499.0 | 4943.5 | 5347.6 | 5712.5 | 6046.0 | 6340.9 | 6599.6 |
| -27.5° | 2272.7 | 2770.1 | 3299.3 | 3826.8 | 4327.7 | 4771.1 | 5171.7 | 5536.9 | 5872.2 | 6179.5 | 6445.6 |
| -30° | 2144.9 | 2606.6 | 3114.7 | 3632.2 | 4124.3 | 4571.6 | 4977.6 | 5348.6 | 5682.0 | 5987.2 | 6261.8 |
| -32.5° | 2007.7 | 2433.3 | 2921.3 | 3417.1 | 3901.5 | 4358.9 | 4765.6 | 5131.9 | 5468.0 | 5777.0 | 6057.2 |
| -35° | 1874.7 | 2272.7 | 2717.4 | 3188.7 | 3664.4 | 4113.5 | 4523.8 | 4898.3 | 5236.4 | 5540.6 | 5822.7 |
| -37.5° | 1755.1 | 2102.7 | 2502.1 | 2951.0 | 3404.1 | 3845.9 | 4267.3 | 4635.2 | 4975.5 | 5289.1 | 5565.0 |
| -40° | 1629.0 | 1923.9 | 2299.4 | 2705.8 | 3131.4 | 3560.3 | 3967.7 | 4352.4 | 4691.4 | 5001.4 | 5289.1 |
| -42.5° | 1499.6 | 1778.2 | 2095.6 | 2449.7 | 2853.4 | 3255.3 | 3654.9 | 4029.1 | 4380.1 | 4691.4 | 4975.5 |
| -45° | 1384.7 | 1627.4 | 1891.7 | 2219.9 | 2567.0 | 2942.7 | 3317.7 | 3686.6 | 4029.1 | 4352.4 | 4635.2 |
| -47.5° | 1265.3 | 1477.8 | 1721.7 | 1982.5 | 2295.1 | 2626.0 | 2972.6 | 3317.7 | 3654.9 | 3967.7 | 4267.3 |
| -50° | 1148.4 | 1342.7 | 1546.0 | 1778.7 | 2032.2 | 2320.3 | 2626.0 | 2942.7 | 3255.3 | 3560.3 | 3845.9 |
| -52.5° | 1047.5 | 1203.5 | 1389.5 | 1583.7 | 1797.8 | 2032.2 | 2295.1 | 2567.0 | 2853.4 | 3131.4 | 3404.1 |
| -55° | 943.6 | 1084.0 | 1234.5 | 1405.2 | 1583.7 | 1778.7 | 1982.5 | 2219.9 | 2449.7 | 2705.8 | 2951.0 |
| -57.5° | 853.3 | 967.9 | 1096.2 | 1234.5 | 1389.5 | 1546.0 | 1721.7 | 1891.7 | 2095.6 | 2299.4 | 2502.1 |
| -60° | 770.3 | 862.5 | 967.9 | 1084.0 | 1203.5 | 1342.7 | 1477.8 | 1627.4 | 1778.2 | 1923.9 | 2102.7 |
| -62.5° | 687.4 | 770.3 | 853.3 | 943.6 | 1047.5 | 1148.4 | 1265.3 | 1384.7 | 1499.6 | 1629.0 | 1755.1 |
| -65° | 611.2 | 679.3 | 752.0 | 825.8 | 897.7 | 987.1 | 1075.8 | 1161.4 | 1262.4 | 1362.0 | 1457.1 |
| -67.5° | 533.8 | 595.2 | 655.3 | 715.7 | 780.4 | 843.1 | 903.8 | 980.3 | 1054.2 | 1124.9 | 1197.1 |
| -70° | 452.1 | 509.4 | 563.4 | 615.6 | 666.3 | 717.3 | 771.2 | 823.1 | 873.0 | 925.5 | 985.1 |
| -72.5° | 368.6 | 418.9 | 468.0 | 515.9 | 560.5 | 603.4 | 644.9 | 684.9 | 726.2 | 767.8 | 807.3 |
| -75° | 288.7 | 327.9 | 369.6 | 410.6 | 450.4 | 489.0 | 526.1 | 560.3 | 593.1 | 624.4 | 654.1 |
| -77.5° | 211.4 | 244.1 | 276.0 | 307.0 | 337.7 | 369.8 | 400.9 | 430.7 | 459.3 | 486.6 | 512.5 |
| -80° | 142.1 | 160.1 | 185.2 | 210.1 | 234.2 | 257.5 | 280.0 | 301.7 | 322.4 | 343.2 | 363.9 |
| -82.5° | 88.3 | 101.8 | 114.9 | 127.7 | 140.2 | 152.2 | 165.0 | 181.3 | 196.8 | 211.6 | 225.7 |
| -85° | 39.9 | 43.3 | 52.0 | 60.5 | 68.8 | 76.8 | 84.5 | 91.9 | 99.1 | 105.8 | 112.3 |
| -87.5° | 20.0 | 21.6 | 23.3 | 24.8 | 26.4 | 27.8 | 29.2 | 30.6 | 31.9 | 33.2 | 34.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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° | 35.5 | 36.5 | 37.5 | 38.4 | 39.2 | 40.0 | 40.7 | 41.3 | 41.8 | 42.3 | 42.6 |
| 85° | 118.3 | 124.1 | 129.4 | 134.3 | 138.9 | 143.0 | 146.8 | 150.1 | 153.0 | 155.4 | 157.4 |
| 82.5° | 239.0 | 251.5 | 263.1 | 274.0 | 283.9 | 293.0 | 301.1 | 308.4 | 314.7 | 320.1 | 324.4 |
| 80° | 383.5 | 401.9 | 419.0 | 435.0 | 449.7 | 463.0 | 475.1 | 485.7 | 495.0 | 502.9 | 509.4 |
| 77.5° | 536.3 | 558.3 | 578.9 | 597.9 | 615.5 | 631.5 | 645.9 | 658.7 | 669.9 | 679.3 | 687.1 |
| 75° | 682.3 | 709.9 | 738.0 | 764.1 | 788.1 | 810.0 | 829.7 | 847.3 | 862.5 | 875.5 | 886.2 |
| 72.5° | 844.8 | 880.0 | 915.4 | 955.6 | 992.7 | 1026.5 | 1056.9 | 1084.0 | 1107.5 | 1127.6 | 1144.1 |
| 70° | 1041.5 | 1094.7 | 1144.5 | 1195.3 | 1249.2 | 1298.4 | 1342.7 | 1382.1 | 1416.5 | 1445.7 | 1469.8 |
| 67.5° | 1277.8 | 1353.9 | 1425.1 | 1491.4 | 1560.5 | 1627.4 | 1687.8 | 1741.5 | 1788.3 | 1828.1 | 1860.9 |
| 65° | 1554.1 | 1656.1 | 1751.7 | 1840.8 | 1923.9 | 2021.0 | 2108.7 | 2186.7 | 2254.7 | 2312.7 | 2360.3 |
| 62.5° | 1874.7 | 2007.7 | 2144.9 | 2272.7 | 2390.7 | 2507.2 | 2620.5 | 2721.3 | 2809.3 | 2884.4 | 2946.1 |
| 60° | 2272.7 | 2433.3 | 2606.6 | 2770.1 | 2921.3 | 3059.7 | 3188.7 | 3303.7 | 3404.1 | 3489.8 | 3560.3 |
| 57.5° | 2717.4 | 2921.3 | 3114.7 | 3299.3 | 3470.1 | 3626.7 | 3764.8 | 3885.6 | 3991.3 | 4081.4 | 4155.7 |
| 55° | 3188.7 | 3417.1 | 3632.2 | 3826.8 | 4004.9 | 4168.4 | 4313.3 | 4430.4 | 4532.9 | 4620.4 | 4692.5 |
| 52.5° | 3664.4 | 3901.5 | 4124.3 | 4327.7 | 4499.0 | 4656.4 | 4799.2 | 4916.7 | 5017.7 | 5104.0 | 5175.2 |
| 50° | 4113.5 | 4358.9 | 4571.6 | 4771.1 | 4943.5 | 5097.5 | 5237.5 | 5357.0 | 5456.2 | 5541.2 | 5611.4 |
| 47.5° | 4523.8 | 4765.6 | 4977.6 | 5171.7 | 5347.6 | 5498.0 | 5634.8 | 5756.0 | 5855.2 | 5940.3 | 6010.6 |
| 45° | 4898.3 | 5131.9 | 5348.6 | 5536.9 | 5712.5 | 5863.9 | 6000.1 | 6122.4 | 6217.7 | 6297.7 | 6364.0 |
| 42.5° | 5236.4 | 5468.0 | 5682.0 | 5872.2 | 6046.0 | 6197.5 | 6324.8 | 6439.4 | 6532.5 | 6607.2 | 6669.2 |
| 40° | 5540.6 | 5777.0 | 5987.2 | 6179.5 | 6340.9 | 6489.6 | 6607.7 | 6714.1 | 6805.0 | 6876.2 | 6935.3 |
| 37.5° | 5822.7 | 6057.2 | 6261.8 | 6445.6 | 6599.6 | 6737.9 | 6854.8 | 6955.7 | 7044.8 | 7110.8 | 7165.8 |
| 35° | 6080.6 | 6303.4 | 6505.8 | 6674.3 | 6826.9 | 6957.2 | 7072.2 | 7165.3 | 7248.2 | 7311.1 | 7361.3 |
| 32.5° | 6303.4 | 6524.3 | 6712.2 | 6878.1 | 7027.0 | 7148.6 | 7259.0 | 7344.3 | 7419.4 | 7480.0 | 7526.6 |
| 30° | 6505.8 | 6712.2 | 6895.3 | 7059.6 | 7195.3 | 7313.7 | 7413.1 | 7496.4 | 7565.8 | 7623.5 | 7664.5 |
| 27.5° | 6674.3 | 6878.1 | 7059.6 | 7211.1 | 7341.0 | 7455.0 | 7545.9 | 7626.1 | 7686.7 | 7739.9 | 7775.1 |
| 25° | 6826.9 | 7027.0 | 7195.3 | 7341.0 | 7467.1 | 7571.1 | 7657.7 | 7730.4 | 7784.1 | 7829.7 | 7855.9 |
| 22.5° | 6957.2 | 7148.6 | 7313.7 | 7455.0 | 7571.1 | 7668.4 | 7750.0 | 7811.5 | 7855.5 | 7883.0 | 7898.6 |
| 20° | 7072.2 | 7259.0 | 7413.1 | 7545.9 | 7657.7 | 7750.0 | 7820.8 | 7866.3 | 7896.9 | 7904.5 | 7908.9 |
| 17.5° | 7165.3 | 7344.3 | 7496.4 | 7626.1 | 7730.4 | 7811.5 | 7866.3 | 7898.4 | 7907.5 | 7905.9 | 7901.4 |
| 15° | 7248.2 | 7419.4 | 7565.8 | 7686.7 | 7784.1 | 7855.5 | 7896.9 | 7907.5 | 7904.9 | 7895.6 | 7881.4 |
| 12.5° | 7311.1 | 7480.0 | 7623.5 | 7739.9 | 7829.7 | 7883.0 | 7904.5 | 7905.9 | 7895.6 | 7877.9 | 7857.7 |
| 10° | 7361.3 | 7526.6 | 7664.5 | 7775.1 | 7855.9 | 7898.6 | 7908.9 | 7901.4 | 7881.4 | 7857.7 | 7835.2 |
| 7.5° | 7400.9 | 7563.5 | 7697.1 | 7803.3 | 7873.0 | 7903.3 | 7905.6 | 7891.4 | 7867.3 | 7840.4 | 7816.1 |
| 5° | 7429.6 | 7590.3 | 7720.9 | 7823.8 | 7885.6 | 7906.8 | 7903.1 | 7883.5 | 7855.6 | 7827.4 | 7805.2 |
| 2.5° | 7447.0 | 7606.6 | 7735.3 | 7836.3 | 7893.3 | 7909.0 | 7901.6 | 7878.6 | 7848.2 | 7819.2 | 7798.0 |
| 0° | 7452.8 | 7612.0 | 7740.1 | 7840.5 | 7895.9 | 7909.7 | 7901.1 | 7876.9 | 7845.7 | 7816.3 | 7795.5 |
| -2.5° | 7447.0 | 7606.6 | 7735.3 | 7836.3 | 7893.3 | 7909.0 | 7901.6 | 7878.6 | 7848.2 | 7819.2 | 7798.0 |
| -5° | 7429.6 | 7590.3 | 7720.9 | 7823.8 | 7885.6 | 7906.8 | 7903.1 | 7883.5 | 7855.6 | 7827.4 | 7805.2 |
| -7.5° | 7400.9 | 7563.5 | 7697.1 | 7803.3 | 7873.0 | 7903.3 | 7905.6 | 7891.4 | 7867.3 | 7840.4 | 7816.1 |
| -10° | 7361.3 | 7526.6 | 7664.5 | 7775.1 | 7855.9 | 7898.6 | 7908.9 | 7901.4 | 7881.4 | 7857.7 | 7835.2 |
| -12.5° | 7311.1 | 7480.0 | 7623.5 | 7739.9 | 7829.7 | 7883.0 | 7904.5 | 7905.9 | 7895.6 | 7877.9 | 7857.7 |
| -15° | 7248.2 | 7419.4 | 7565.8 | 7686.7 | 7784.1 | 7855.5 | 7896.9 | 7907.5 | 7904.9 | 7895.6 | 7881.4 |
| -17.5° | 7165.3 | 7344.3 | 7496.4 | 7626.1 | 7730.4 | 7811.5 | 7866.3 | 7898.4 | 7907.5 | 7905.9 | 7901.4 |
| -20° | 7072.2 | 7259.0 | 7413.1 | 7545.9 | 7657.7 | 7750.0 | 7820.8 | 7866.3 | 7896.9 | 7904.5 | 7908.9 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6957.2 | 7148.6 | 7313.7 | 7455.0 | 7571.1 | 7668.4 | 7750.0 | 7811.5 | 7855.5 | 7883.0 | 7898.6 |
| -25° | 6826.9 | 7027.0 | 7195.3 | 7341.0 | 7467.1 | 7571.1 | 7657.7 | 7730.4 | 7784.1 | 7829.7 | 7855.9 |
| -27.5° | 6674.3 | 6878.1 | 7059.6 | 7211.1 | 7341.0 | 7455.0 | 7545.9 | 7626.1 | 7686.7 | 7739.9 | 7775.1 |
| -30° | 6505.8 | 6712.2 | 6895.3 | 7059.6 | 7195.3 | 7313.7 | 7413.1 | 7496.4 | 7565.8 | 7623.5 | 7664.5 |
| -32.5° | 6303.4 | 6524.3 | 6712.2 | 6878.1 | 7027.0 | 7148.6 | 7259.0 | 7344.3 | 7419.4 | 7480.0 | 7526.6 |
| -35° | 6080.6 | 6303.4 | 6505.8 | 6674.3 | 6826.9 | 6957.2 | 7072.2 | 7165.3 | 7248.2 | 7311.1 | 7361.3 |
| -37.5° | 5822.7 | 6057.2 | 6261.8 | 6445.6 | 6599.6 | 6737.9 | 6854.8 | 6955.7 | 7044.8 | 7110.8 | 7165.8 |
| -40° | 5540.6 | 5777.0 | 5987.2 | 6179.5 | 6340.9 | 6489.6 | 6607.7 | 6714.1 | 6805.0 | 6876.2 | 6935.3 |
| -42.5° | 5236.4 | 5468.0 | 5682.0 | 5872.2 | 6046.0 | 6197.5 | 6324.8 | 6439.4 | 6532.5 | 6607.2 | 6669.2 |
| -45° | 4898.3 | 5131.9 | 5348.6 | 5536.9 | 5712.5 | 5863.9 | 6000.1 | 6122.4 | 6217.7 | 6297.7 | 6364.0 |
| -47.5° | 4523.8 | 4765.6 | 4977.6 | 5171.7 | 5347.6 | 5498.0 | 5634.8 | 5756.0 | 5855.2 | 5940.3 | 6010.6 |
| -50° | 4113.5 | 4358.9 | 4571.6 | 4771.1 | 4943.5 | 5097.5 | 5237.5 | 5357.0 | 5456.2 | 5541.2 | 5611.4 |
| -52.5° | 3664.4 | 3901.5 | 4124.3 | 4327.7 | 4499.0 | 4656.4 | 4799.2 | 4916.7 | 5017.7 | 5104.0 | 5175.2 |
| -55° | 3188.7 | 3417.1 | 3632.2 | 3826.8 | 4004.9 | 4168.4 | 4313.3 | 4430.4 | 4532.9 | 4620.4 | 4692.5 |
| -57.5° | 2717.4 | 2921.3 | 3114.7 | 3299.3 | 3470.1 | 3626.7 | 3764.8 | 3885.6 | 3991.3 | 4081.4 | 4155.7 |
| -60° | 2272.7 | 2433.3 | 2606.6 | 2770.1 | 2921.3 | 3059.7 | 3188.7 | 3303.7 | 3404.1 | 3489.8 | 3560.3 |
| -62.5° | 1874.7 | 2007.7 | 2144.9 | 2272.7 | 2390.7 | 2507.2 | 2620.5 | 2721.3 | 2809.3 | 2884.4 | 2946.1 |
| -65° | 1554.1 | 1656.1 | 1751.7 | 1840.8 | 1923.9 | 2021.0 | 2108.7 | 2186.7 | 2254.7 | 2312.7 | 2360.3 |
| -67.5° | 1277.8 | 1353.9 | 1425.1 | 1491.4 | 1560.5 | 1627.4 | 1687.8 | 1741.5 | 1788.3 | 1828.1 | 1860.9 |
| -70° | 1041.5 | 1094.7 | 1144.5 | 1195.3 | 1249.2 | 1298.4 | 1342.7 | 1382.1 | 1416.5 | 1445.7 | 1469.8 |
| -72.5° | 844.8 | 880.0 | 915.4 | 955.6 | 992.7 | 1026.5 | 1056.9 | 1084.0 | 1107.5 | 1127.6 | 1144.1 |
| -75° | 682.3 | 709.9 | 738.0 | 764.1 | 788.1 | 810.0 | 829.7 | 847.3 | 862.5 | 875.5 | 886.2 |
| -77.5° | 536.3 | 558.3 | 578.9 | 597.9 | 615.5 | 631.5 | 645.9 | 658.7 | 669.9 | 679.3 | 687.1 |
| -80° | 383.5 | 401.9 | 419.0 | 435.0 | 449.7 | 463.0 | 475.1 | 485.7 | 495.0 | 502.9 | 509.4 |
| -82.5° | 239.0 | 251.5 | 263.1 | 274.0 | 283.9 | 293.0 | 301.1 | 308.4 | 314.7 | 320.1 | 324.4 |
| -85° | 118.3 | 124.1 | 129.4 | 134.3 | 138.9 | 143.0 | 146.8 | 150.1 | 153.0 | 155.4 | 157.4 |
| -87.5° | 35.5 | 36.5 | 37.5 | 38.4 | 39.2 | 40.0 | 40.7 | 41.3 | 41.8 | 42.3 | 42.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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° | 42.9 | 43.1 | 43.3 | 43.3 | 43.3 | 43.1 | 42.9 | 42.6 | 42.3 | 41.8 | 41.3 |
| 85° | 159.0 | 160.1 | 160.8 | 161.0 | 160.8 | 160.1 | 159.0 | 157.4 | 155.4 | 153.0 | 150.1 |
| 82.5° | 327.9 | 330.3 | 331.8 | 332.3 | 331.8 | 330.3 | 327.9 | 324.4 | 320.1 | 314.7 | 308.4 |
| 80° | 514.5 | 518.1 | 520.3 | 521.0 | 520.3 | 518.1 | 514.5 | 509.4 | 502.9 | 495.0 | 485.7 |
| 77.5° | 693.2 | 697.5 | 700.1 | 701.0 | 700.1 | 697.5 | 693.2 | 687.1 | 679.3 | 669.9 | 658.7 |
| 75° | 894.5 | 900.4 | 904.0 | 905.2 | 904.0 | 900.4 | 894.5 | 886.2 | 875.5 | 862.5 | 847.3 |
| 72.5° | 1156.9 | 1166.1 | 1171.7 | 1173.5 | 1171.7 | 1166.1 | 1156.9 | 1144.1 | 1127.6 | 1107.5 | 1084.0 |
| 70° | 1488.5 | 1501.9 | 1510.0 | 1512.7 | 1510.0 | 1501.9 | 1488.5 | 1469.8 | 1445.7 | 1416.5 | 1382.1 |
| 67.5° | 1886.5 | 1904.8 | 1915.8 | 1919.5 | 1915.8 | 1904.8 | 1886.5 | 1860.9 | 1828.1 | 1788.3 | 1741.5 |
| 65° | 2397.5 | 2424.2 | 2440.2 | 2445.6 | 2440.2 | 2424.2 | 2397.5 | 2360.3 | 2312.7 | 2254.7 | 2186.7 |
| 62.5° | 2994.3 | 3028.9 | 3049.7 | 3056.6 | 3049.7 | 3028.9 | 2994.3 | 2946.1 | 2884.4 | 2809.3 | 2721.3 |
| 60° | 3615.4 | 3654.9 | 3678.7 | 3686.6 | 3678.7 | 3654.9 | 3615.4 | 3560.3 | 3489.8 | 3404.1 | 3303.7 |
| 57.5° | 4213.8 | 4255.5 | 4280.5 | 4288.9 | 4280.5 | 4255.5 | 4213.8 | 4155.7 | 4081.4 | 3991.3 | 3885.6 |
| 55° | 4749.0 | 4789.5 | 4813.9 | 4822.0 | 4813.9 | 4789.5 | 4749.0 | 4692.5 | 4620.4 | 4532.9 | 4430.4 |
| 52.5° | 5231.0 | 5271.0 | 5295.1 | 5303.2 | 5295.1 | 5271.0 | 5231.0 | 5175.2 | 5104.0 | 5017.7 | 4916.7 |
| 50° | 5666.3 | 5705.9 | 5729.7 | 5737.6 | 5729.7 | 5705.9 | 5666.3 | 5611.4 | 5541.2 | 5456.2 | 5357.0 |
| 47.5° | 6065.8 | 6105.5 | 6129.4 | 6137.4 | 6129.4 | 6105.5 | 6065.8 | 6010.6 | 5940.3 | 5855.2 | 5756.0 |
| 45° | 6416.0 | 6453.5 | 6476.1 | 6483.6 | 6476.1 | 6453.5 | 6416.0 | 6364.0 | 6297.7 | 6217.7 | 6122.4 |
| 42.5° | 6717.9 | 6753.0 | 6774.2 | 6781.3 | 6774.2 | 6753.0 | 6717.9 | 6669.2 | 6607.2 | 6532.5 | 6439.4 |
| 40° | 6981.9 | 7015.5 | 7035.8 | 7042.6 | 7035.8 | 7015.5 | 6981.9 | 6935.3 | 6876.2 | 6805.0 | 6714.1 |
| 37.5° | 7209.2 | 7240.6 | 7259.6 | 7265.9 | 7259.6 | 7240.6 | 7209.2 | 7165.8 | 7110.8 | 7044.8 | 6955.7 |
| 35° | 7400.9 | 7429.6 | 7447.0 | 7452.8 | 7447.0 | 7429.6 | 7400.9 | 7361.3 | 7311.1 | 7248.2 | 7165.3 |
| 32.5° | 7563.5 | 7590.3 | 7606.6 | 7612.0 | 7606.6 | 7590.3 | 7563.5 | 7526.6 | 7480.0 | 7419.4 | 7344.3 |
| 30° | 7697.1 | 7720.9 | 7735.3 | 7740.1 | 7735.3 | 7720.9 | 7697.1 | 7664.5 | 7623.5 | 7565.8 | 7496.4 |
| 27.5° | 7803.3 | 7823.8 | 7836.3 | 7840.5 | 7836.3 | 7823.8 | 7803.3 | 7775.1 | 7739.9 | 7686.7 | 7626.1 |
| 25° | 7873.0 | 7885.6 | 7893.3 | 7895.9 | 7893.3 | 7885.6 | 7873.0 | 7855.9 | 7829.7 | 7784.1 | 7730.4 |
| 22.5° | 7903.3 | 7906.8 | 7909.0 | 7909.7 | 7909.0 | 7906.8 | 7903.3 | 7898.6 | 7883.0 | 7855.5 | 7811.5 |
| 20° | 7905.6 | 7903.1 | 7901.6 | 7901.1 | 7901.6 | 7903.1 | 7905.6 | 7908.9 | 7904.5 | 7896.9 | 7866.3 |
| 17.5° | 7891.4 | 7883.5 | 7878.6 | 7876.9 | 7878.6 | 7883.5 | 7891.4 | 7901.4 | 7905.9 | 7907.5 | 7898.4 |
| 15° | 7867.3 | 7855.6 | 7848.2 | 7845.7 | 7848.2 | 7855.6 | 7867.3 | 7881.4 | 7895.6 | 7904.9 | 7907.5 |
| 12.5° | 7840.4 | 7827.4 | 7819.2 | 7816.3 | 7819.2 | 7827.4 | 7840.4 | 7857.7 | 7877.9 | 7895.6 | 7905.9 |
| 10° | 7816.1 | 7805.2 | 7798.0 | 7795.5 | 7798.0 | 7805.2 | 7816.1 | 7835.2 | 7857.7 | 7881.4 | 7901.4 |
| 7.5° | 7800.4 | 7790.7 | 7785.4 | 7783.4 | 7785.4 | 7790.7 | 7800.4 | 7816.1 | 7840.4 | 7867.3 | 7891.4 |
| 5° | 7790.7 | 7781.0 | 7772.8 | 7769.5 | 7772.8 | 7781.0 | 7790.7 | 7805.2 | 7827.4 | 7855.6 | 7883.5 |
| 2.5° | 7785.4 | 7772.8 | 7760.4 | 7754.0 | 7760.4 | 7772.8 | 7785.4 | 7798.0 | 7819.2 | 7848.2 | 7878.6 |
| 0° | 7783.4 | 7769.5 | 7754.0 | 7755.7 | 7754.0 | 7769.5 | 7783.4 | 7795.5 | 7816.3 | 7845.7 | 7876.9 |
| -2.5° | 7785.4 | 7772.8 | 7760.4 | 7754.0 | 7760.4 | 7772.8 | 7785.4 | 7798.0 | 7819.2 | 7848.2 | 7878.6 |
| -5° | 7790.7 | 7781.0 | 7772.8 | 7769.5 | 7772.8 | 7781.0 | 7790.7 | 7805.2 | 7827.4 | 7855.6 | 7883.5 |
| -7.5° | 7800.4 | 7790.7 | 7785.4 | 7783.4 | 7785.4 | 7790.7 | 7800.4 | 7816.1 | 7840.4 | 7867.3 | 7891.4 |
| -10° | 7816.1 | 7805.2 | 7798.0 | 7795.5 | 7798.0 | 7805.2 | 7816.1 | 7835.2 | 7857.7 | 7881.4 | 7901.4 |
| -12.5° | 7840.4 | 7827.4 | 7819.2 | 7816.3 | 7819.2 | 7827.4 | 7840.4 | 7857.7 | 7877.9 | 7895.6 | 7905.9 |
| -15° | 7867.3 | 7855.6 | 7848.2 | 7845.7 | 7848.2 | 7855.6 | 7867.3 | 7881.4 | 7895.6 | 7904.9 | 7907.5 |
| -17.5° | 7891.4 | 7883.5 | 7878.6 | 7876.9 | 7878.6 | 7883.5 | 7891.4 | 7901.4 | 7905.9 | 7907.5 | 7898.4 |
| -20° | 7905.6 | 7903.1 | 7901.6 | 7901.1 | 7901.6 | 7903.1 | 7905.6 | 7908.9 | 7904.5 | 7896.9 | 7866.3 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 7903.3 | 7906.8 | 7909.0 | 7909.7 | 7909.0 | 7906.8 | 7903.3 | 7898.6 | 7883.0 | 7855.5 | 7811.5 |
| -25° | 7873.0 | 7885.6 | 7893.3 | 7895.9 | 7893.3 | 7885.6 | 7873.0 | 7855.9 | 7829.7 | 7784.1 | 7730.4 |
| -27.5° | 7803.3 | 7823.8 | 7836.3 | 7840.5 | 7836.3 | 7823.8 | 7803.3 | 7775.1 | 7739.9 | 7686.7 | 7626.1 |
| -30° | 7697.1 | 7720.9 | 7735.3 | 7740.1 | 7735.3 | 7720.9 | 7697.1 | 7664.5 | 7623.5 | 7565.8 | 7496.4 |
| -32.5° | 7563.5 | 7590.3 | 7606.6 | 7612.0 | 7606.6 | 7590.3 | 7563.5 | 7526.6 | 7480.0 | 7419.4 | 7344.3 |
| -35° | 7400.9 | 7429.6 | 7447.0 | 7452.8 | 7447.0 | 7429.6 | 7400.9 | 7361.3 | 7311.1 | 7248.2 | 7165.3 |
| -37.5° | 7209.2 | 7240.6 | 7259.6 | 7265.9 | 7259.6 | 7240.6 | 7209.2 | 7165.8 | 7110.8 | 7044.8 | 6955.7 |
| -40° | 6981.9 | 7015.5 | 7035.8 | 7042.6 | 7035.8 | 7015.5 | 6981.9 | 6935.3 | 6876.2 | 6805.0 | 6714.1 |
| -42.5° | 6717.9 | 6753.0 | 6774.2 | 6781.3 | 6774.2 | 6753.0 | 6717.9 | 6669.2 | 6607.2 | 6532.5 | 6439.4 |
| -45° | 6416.0 | 6453.5 | 6476.1 | 6483.6 | 6476.1 | 6453.5 | 6416.0 | 6364.0 | 6297.7 | 6217.7 | 6122.4 |
| -47.5° | 6065.8 | 6105.5 | 6129.4 | 6137.4 | 6129.4 | 6105.5 | 6065.8 | 6010.6 | 5940.3 | 5855.2 | 5756.0 |
| -50° | 5666.3 | 5705.9 | 5729.7 | 5737.6 | 5729.7 | 5705.9 | 5666.3 | 5611.4 | 5541.2 | 5456.2 | 5357.0 |
| -52.5° | 5231.0 | 5271.0 | 5295.1 | 5303.2 | 5295.1 | 5271.0 | 5231.0 | 5175.2 | 5104.0 | 5017.7 | 4916.7 |
| -55° | 4749.0 | 4789.5 | 4813.9 | 4822.0 | 4813.9 | 4789.5 | 4749.0 | 4692.5 | 4620.4 | 4532.9 | 4430.4 |
| -57.5° | 4213.8 | 4255.5 | 4280.5 | 4288.9 | 4280.5 | 4255.5 | 4213.8 | 4155.7 | 4081.4 | 3991.3 | 3885.6 |
| -60° | 3615.4 | 3654.9 | 3678.7 | 3686.6 | 3678.7 | 3654.9 | 3615.4 | 3560.3 | 3489.8 | 3404.1 | 3303.7 |
| -62.5° | 2994.3 | 3028.9 | 3049.7 | 3056.6 | 3049.7 | 3028.9 | 2994.3 | 2946.1 | 2884.4 | 2809.3 | 2721.3 |
| -65° | 2397.5 | 2424.2 | 2440.2 | 2445.6 | 2440.2 | 2424.2 | 2397.5 | 2360.3 | 2312.7 | 2254.7 | 2186.7 |
| -67.5° | 1886.5 | 1904.8 | 1915.8 | 1919.5 | 1915.8 | 1904.8 | 1886.5 | 1860.9 | 1828.1 | 1788.3 | 1741.5 |
| -70° | 1488.5 | 1501.9 | 1510.0 | 1512.7 | 1510.0 | 1501.9 | 1488.5 | 1469.8 | 1445.7 | 1416.5 | 1382.1 |
| -72.5° | 1156.9 | 1166.1 | 1171.7 | 1173.5 | 1171.7 | 1166.1 | 1156.9 | 1144.1 | 1127.6 | 1107.5 | 1084.0 |
| -75° | 894.5 | 900.4 | 904.0 | 905.2 | 904.0 | 900.4 | 894.5 | 886.2 | 875.5 | 862.5 | 847.3 |
| -77.5° | 693.2 | 697.5 | 700.1 | 701.0 | 700.1 | 697.5 | 693.2 | 687.1 | 679.3 | 669.9 | 658.7 |
| -80° | 514.5 | 518.1 | 520.3 | 521.0 | 520.3 | 518.1 | 514.5 | 509.4 | 502.9 | 495.0 | 485.7 |
| -82.5° | 327.9 | 330.3 | 331.8 | 332.3 | 331.8 | 330.3 | 327.9 | 324.4 | 320.1 | 314.7 | 308.4 |
| -85° | 159.0 | 160.1 | 160.8 | 161.0 | 160.8 | 160.1 | 159.0 | 157.4 | 155.4 | 153.0 | 150.1 |
| -87.5° | 42.9 | 43.1 | 43.3 | 43.3 | 43.3 | 43.1 | 42.9 | 42.6 | 42.3 | 41.8 | 41.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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° | 40.7 | 40.0 | 39.2 | 38.4 | 37.5 | 36.5 | 35.5 | 34.3 | 33.2 | 31.9 | 30.6 |
| 85° | 146.8 | 143.0 | 138.9 | 134.3 | 129.4 | 124.1 | 118.3 | 112.3 | 105.8 | 99.1 | 91.9 |
| 82.5° | 301.1 | 293.0 | 283.9 | 274.0 | 263.1 | 251.5 | 239.0 | 225.7 | 211.6 | 196.8 | 181.3 |
| 80° | 475.1 | 463.0 | 449.7 | 435.0 | 419.0 | 401.9 | 383.5 | 363.9 | 343.2 | 322.4 | 301.7 |
| 77.5° | 645.9 | 631.5 | 615.5 | 597.9 | 578.9 | 558.3 | 536.3 | 512.5 | 486.6 | 459.3 | 430.7 |
| 75° | 829.7 | 810.0 | 788.1 | 764.1 | 738.0 | 709.9 | 682.3 | 654.1 | 624.4 | 593.1 | 560.3 |
| 72.5° | 1056.9 | 1026.5 | 992.7 | 955.6 | 915.4 | 880.0 | 844.8 | 807.3 | 767.8 | 726.2 | 684.9 |
| 70° | 1342.7 | 1298.4 | 1249.2 | 1195.3 | 1144.5 | 1094.7 | 1041.5 | 985.1 | 925.5 | 873.0 | 823.1 |
| 67.5° | 1687.8 | 1627.4 | 1560.5 | 1491.4 | 1425.1 | 1353.9 | 1277.8 | 1197.1 | 1124.9 | 1054.2 | 980.3 |
| 65° | 2108.7 | 2021.0 | 1923.9 | 1840.8 | 1751.7 | 1656.1 | 1554.1 | 1457.1 | 1362.0 | 1262.4 | 1161.4 |
| 62.5° | 2620.5 | 2507.2 | 2390.7 | 2272.7 | 2144.9 | 2007.7 | 1874.7 | 1755.1 | 1629.0 | 1499.6 | 1384.7 |
| 60° | 3188.7 | 3059.7 | 2921.3 | 2770.1 | 2606.6 | 2433.3 | 2272.7 | 2102.7 | 1923.9 | 1778.2 | 1627.4 |
| 57.5° | 3764.8 | 3626.7 | 3470.1 | 3299.3 | 3114.7 | 2921.3 | 2717.4 | 2502.1 | 2299.4 | 2095.6 | 1891.7 |
| 55° | 4313.3 | 4168.4 | 4004.9 | 3826.8 | 3632.2 | 3417.1 | 3188.7 | 2951.0 | 2705.8 | 2449.7 | 2219.9 |
| 52.5° | 4799.2 | 4656.4 | 4499.0 | 4327.7 | 4124.3 | 3901.5 | 3664.4 | 3404.1 | 3131.4 | 2853.4 | 2567.0 |
| 50° | 5237.5 | 5097.5 | 4943.5 | 4771.1 | 4571.6 | 4358.9 | 4113.5 | 3845.9 | 3560.3 | 3255.3 | 2942.7 |
| 47.5° | 5634.8 | 5498.0 | 5347.6 | 5171.7 | 4977.6 | 4765.6 | 4523.8 | 4267.3 | 3967.7 | 3654.9 | 3317.7 |
| 45° | 6000.1 | 5863.9 | 5712.5 | 5536.9 | 5348.6 | 5131.9 | 4898.3 | 4635.2 | 4352.4 | 4029.1 | 3686.6 |
| 42.5° | 6324.8 | 6197.5 | 6046.0 | 5872.2 | 5682.0 | 5468.0 | 5236.4 | 4975.5 | 4691.4 | 4380.1 | 4029.1 |
| 40° | 6607.7 | 6489.6 | 6340.9 | 6179.5 | 5987.2 | 5777.0 | 5540.6 | 5289.1 | 5001.4 | 4691.4 | 4352.4 |
| 37.5° | 6854.8 | 6737.9 | 6599.6 | 6445.6 | 6261.8 | 6057.2 | 5822.7 | 5565.0 | 5289.1 | 4975.5 | 4635.2 |
| 35° | 7072.2 | 6957.2 | 6826.9 | 6674.3 | 6505.8 | 6303.4 | 6080.6 | 5822.7 | 5540.6 | 5236.4 | 4898.3 |
| 32.5° | 7259.0 | 7148.6 | 7027.0 | 6878.1 | 6712.2 | 6524.3 | 6303.4 | 6057.2 | 5777.0 | 5468.0 | 5131.9 |
| 30° | 7413.1 | 7313.7 | 7195.3 | 7059.6 | 6895.3 | 6712.2 | 6505.8 | 6261.8 | 5987.2 | 5682.0 | 5348.6 |
| 27.5° | 7545.9 | 7455.0 | 7341.0 | 7211.1 | 7059.6 | 6878.1 | 6674.3 | 6445.6 | 6179.5 | 5872.2 | 5536.9 |
| 25° | 7657.7 | 7571.1 | 7467.1 | 7341.0 | 7195.3 | 7027.0 | 6826.9 | 6599.6 | 6340.9 | 6046.0 | 5712.5 |
| 22.5° | 7750.0 | 7668.4 | 7571.1 | 7455.0 | 7313.7 | 7148.6 | 6957.2 | 6737.9 | 6489.6 | 6197.5 | 5863.9 |
| 20° | 7820.8 | 7750.0 | 7657.7 | 7545.9 | 7413.1 | 7259.0 | 7072.2 | 6854.8 | 6607.7 | 6324.8 | 6000.1 |
| 17.5° | 7866.3 | 7811.5 | 7730.4 | 7626.1 | 7496.4 | 7344.3 | 7165.3 | 6955.7 | 6714.1 | 6439.4 | 6122.4 |
| 15° | 7896.9 | 7855.5 | 7784.1 | 7686.7 | 7565.8 | 7419.4 | 7248.2 | 7044.8 | 6805.0 | 6532.5 | 6217.7 |
| 12.5° | 7904.5 | 7883.0 | 7829.7 | 7739.9 | 7623.5 | 7480.0 | 7311.1 | 7110.8 | 6876.2 | 6607.2 | 6297.7 |
| 10° | 7908.9 | 7898.6 | 7855.9 | 7775.1 | 7664.5 | 7526.6 | 7361.3 | 7165.8 | 6935.3 | 6669.2 | 6364.0 |
| 7.5° | 7905.6 | 7903.3 | 7873.0 | 7803.3 | 7697.1 | 7563.5 | 7400.9 | 7209.2 | 6981.9 | 6717.9 | 6416.0 |
| 5° | 7903.1 | 7906.8 | 7885.6 | 7823.8 | 7720.9 | 7590.3 | 7429.6 | 7240.6 | 7015.5 | 6753.0 | 6453.5 |
| 2.5° | 7901.6 | 7909.0 | 7893.3 | 7836.3 | 7735.3 | 7606.6 | 7447.0 | 7259.6 | 7035.8 | 6774.2 | 6476.1 |
| 0° | 7901.1 | 7909.7 | 7895.9 | 7840.5 | 7740.1 | 7612.0 | 7452.8 | 7265.9 | 7042.6 | 6781.3 | 6483.6 |
| -2.5° | 7901.6 | 7909.0 | 7893.3 | 7836.3 | 7735.3 | 7606.6 | 7447.0 | 7259.6 | 7035.8 | 6774.2 | 6476.1 |
| -5° | 7903.1 | 7906.8 | 7885.6 | 7823.8 | 7720.9 | 7590.3 | 7429.6 | 7240.6 | 7015.5 | 6753.0 | 6453.5 |
| -7.5° | 7905.6 | 7903.3 | 7873.0 | 7803.3 | 7697.1 | 7563.5 | 7400.9 | 7209.2 | 6981.9 | 6717.9 | 6416.0 |
| -10° | 7908.9 | 7898.6 | 7855.9 | 7775.1 | 7664.5 | 7526.6 | 7361.3 | 7165.8 | 6935.3 | 6669.2 | 6364.0 |
| -12.5° | 7904.5 | 7883.0 | 7829.7 | 7739.9 | 7623.5 | 7480.0 | 7311.1 | 7110.8 | 6876.2 | 6607.2 | 6297.7 |
| -15° | 7896.9 | 7855.5 | 7784.1 | 7686.7 | 7565.8 | 7419.4 | 7248.2 | 7044.8 | 6805.0 | 6532.5 | 6217.7 |
| -17.5° | 7866.3 | 7811.5 | 7730.4 | 7626.1 | 7496.4 | 7344.3 | 7165.3 | 6955.7 | 6714.1 | 6439.4 | 6122.4 |
| -20° | 7820.8 | 7750.0 | 7657.7 | 7545.9 | 7413.1 | 7259.0 | 7072.2 | 6854.8 | 6607.7 | 6324.8 | 6000.1 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 7750.0 | 7668.4 | 7571.1 | 7455.0 | 7313.7 | 7148.6 | 6957.2 | 6737.9 | 6489.6 | 6197.5 | 5863.9 |
| -25° | 7657.7 | 7571.1 | 7467.1 | 7341.0 | 7195.3 | 7027.0 | 6826.9 | 6599.6 | 6340.9 | 6046.0 | 5712.5 |
| -27.5° | 7545.9 | 7455.0 | 7341.0 | 7211.1 | 7059.6 | 6878.1 | 6674.3 | 6445.6 | 6179.5 | 5872.2 | 5536.9 |
| -30° | 7413.1 | 7313.7 | 7195.3 | 7059.6 | 6895.3 | 6712.2 | 6505.8 | 6261.8 | 5987.2 | 5682.0 | 5348.6 |
| -32.5° | 7259.0 | 7148.6 | 7027.0 | 6878.1 | 6712.2 | 6524.3 | 6303.4 | 6057.2 | 5777.0 | 5468.0 | 5131.9 |
| -35° | 7072.2 | 6957.2 | 6826.9 | 6674.3 | 6505.8 | 6303.4 | 6080.6 | 5822.7 | 5540.6 | 5236.4 | 4898.3 |
| -37.5° | 6854.8 | 6737.9 | 6599.6 | 6445.6 | 6261.8 | 6057.2 | 5822.7 | 5565.0 | 5289.1 | 4975.5 | 4635.2 |
| -40° | 6607.7 | 6489.6 | 6340.9 | 6179.5 | 5987.2 | 5777.0 | 5540.6 | 5289.1 | 5001.4 | 4691.4 | 4352.4 |
| -42.5° | 6324.8 | 6197.5 | 6046.0 | 5872.2 | 5682.0 | 5468.0 | 5236.4 | 4975.5 | 4691.4 | 4380.1 | 4029.1 |
| -45° | 6000.1 | 5863.9 | 5712.5 | 5536.9 | 5348.6 | 5131.9 | 4898.3 | 4635.2 | 4352.4 | 4029.1 | 3686.6 |
| -47.5° | 5634.8 | 5498.0 | 5347.6 | 5171.7 | 4977.6 | 4765.6 | 4523.8 | 4267.3 | 3967.7 | 3654.9 | 3317.7 |
| -50° | 5237.5 | 5097.5 | 4943.5 | 4771.1 | 4571.6 | 4358.9 | 4113.5 | 3845.9 | 3560.3 | 3255.3 | 2942.7 |
| -52.5° | 4799.2 | 4656.4 | 4499.0 | 4327.7 | 4124.3 | 3901.5 | 3664.4 | 3404.1 | 3131.4 | 2853.4 | 2567.0 |
| -55° | 4313.3 | 4168.4 | 4004.9 | 3826.8 | 3632.2 | 3417.1 | 3188.7 | 2951.0 | 2705.8 | 2449.7 | 2219.9 |
| -57.5° | 3764.8 | 3626.7 | 3470.1 | 3299.3 | 3114.7 | 2921.3 | 2717.4 | 2502.1 | 2299.4 | 2095.6 | 1891.7 |
| -60° | 3188.7 | 3059.7 | 2921.3 | 2770.1 | 2606.6 | 2433.3 | 2272.7 | 2102.7 | 1923.9 | 1778.2 | 1627.4 |
| -62.5° | 2620.5 | 2507.2 | 2390.7 | 2272.7 | 2144.9 | 2007.7 | 1874.7 | 1755.1 | 1629.0 | 1499.6 | 1384.7 |
| -65° | 2108.7 | 2021.0 | 1923.9 | 1840.8 | 1751.7 | 1656.1 | 1554.1 | 1457.1 | 1362.0 | 1262.4 | 1161.4 |
| -67.5° | 1687.8 | 1627.4 | 1560.5 | 1491.4 | 1425.1 | 1353.9 | 1277.8 | 1197.1 | 1124.9 | 1054.2 | 980.3 |
| -70° | 1342.7 | 1298.4 | 1249.2 | 1195.3 | 1144.5 | 1094.7 | 1041.5 | 985.1 | 925.5 | 873.0 | 823.1 |
| -72.5° | 1056.9 | 1026.5 | 992.7 | 955.6 | 915.4 | 880.0 | 844.8 | 807.3 | 767.8 | 726.2 | 684.9 |
| -75° | 829.7 | 810.0 | 788.1 | 764.1 | 738.0 | 709.9 | 682.3 | 654.1 | 624.4 | 593.1 | 560.3 |
| -77.5° | 645.9 | 631.5 | 615.5 | 597.9 | 578.9 | 558.3 | 536.3 | 512.5 | 486.6 | 459.3 | 430.7 |
| -80° | 475.1 | 463.0 | 449.7 | 435.0 | 419.0 | 401.9 | 383.5 | 363.9 | 343.2 | 322.4 | 301.7 |
| -82.5° | 301.1 | 293.0 | 283.9 | 274.0 | 263.1 | 251.5 | 239.0 | 225.7 | 211.6 | 196.8 | 181.3 |
| -85° | 146.8 | 143.0 | 138.9 | 134.3 | 129.4 | 124.1 | 118.3 | 112.3 | 105.8 | 99.1 | 91.9 |
| -87.5° | 40.7 | 40.0 | 39.2 | 38.4 | 37.5 | 36.5 | 35.5 | 34.3 | 33.2 | 31.9 | 30.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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° | 29.2 | 27.8 | 26.4 | 24.8 | 23.3 | 21.6 | 20.0 | 18.3 | 16.6 | 14.8 | 13.0 |
| 85° | 84.5 | 76.8 | 68.8 | 60.5 | 52.0 | 43.3 | 39.9 | 36.6 | 33.1 | 29.6 | 26.0 |
| 82.5° | 165.0 | 152.2 | 140.2 | 127.7 | 114.9 | 101.8 | 88.3 | 74.5 | 60.4 | 46.1 | 39.0 |
| 80° | 280.0 | 257.5 | 234.2 | 210.1 | 185.2 | 160.1 | 142.1 | 123.7 | 105.0 | 85.9 | 66.5 |
| 77.5° | 400.9 | 369.8 | 337.7 | 307.0 | 276.0 | 244.1 | 211.4 | 178.0 | 149.3 | 125.5 | 101.3 |
| 75° | 526.1 | 489.0 | 450.4 | 410.6 | 369.6 | 327.9 | 288.7 | 248.7 | 207.9 | 166.4 | 135.8 |
| 72.5° | 644.9 | 603.4 | 560.5 | 515.9 | 468.0 | 418.9 | 368.6 | 318.7 | 271.2 | 222.9 | 173.9 |
| 70° | 771.2 | 717.3 | 666.3 | 615.6 | 563.4 | 509.4 | 452.1 | 393.5 | 333.9 | 278.7 | 222.9 |
| 67.5° | 903.8 | 843.1 | 780.4 | 715.7 | 655.3 | 595.2 | 533.8 | 468.7 | 401.8 | 333.9 | 271.2 |
| 65° | 1075.8 | 987.1 | 897.7 | 825.8 | 752.0 | 679.3 | 611.2 | 541.8 | 468.7 | 393.5 | 318.7 |
| 62.5° | 1265.3 | 1148.4 | 1047.5 | 943.6 | 853.3 | 770.3 | 687.4 | 611.2 | 533.8 | 452.1 | 368.6 |
| 60° | 1477.8 | 1342.7 | 1203.5 | 1084.0 | 967.9 | 862.5 | 770.3 | 679.3 | 595.2 | 509.4 | 418.9 |
| 57.5° | 1721.7 | 1546.0 | 1389.5 | 1234.5 | 1096.2 | 967.9 | 853.3 | 752.0 | 655.3 | 563.4 | 468.0 |
| 55° | 1982.5 | 1778.7 | 1583.7 | 1405.2 | 1234.5 | 1084.0 | 943.6 | 825.8 | 715.7 | 615.6 | 515.9 |
| 52.5° | 2295.1 | 2032.2 | 1797.8 | 1583.7 | 1389.5 | 1203.5 | 1047.5 | 897.7 | 780.4 | 666.3 | 560.5 |
| 50° | 2626.0 | 2320.3 | 2032.2 | 1778.7 | 1546.0 | 1342.7 | 1148.4 | 987.1 | 843.1 | 717.3 | 603.4 |
| 47.5° | 2972.6 | 2626.0 | 2295.1 | 1982.5 | 1721.7 | 1477.8 | 1265.3 | 1075.8 | 903.8 | 771.2 | 644.9 |
| 45° | 3317.7 | 2942.7 | 2567.0 | 2219.9 | 1891.7 | 1627.4 | 1384.7 | 1161.4 | 980.3 | 823.1 | 684.9 |
| 42.5° | 3654.9 | 3255.3 | 2853.4 | 2449.7 | 2095.6 | 1778.2 | 1499.6 | 1262.4 | 1054.2 | 873.0 | 726.2 |
| 40° | 3967.7 | 3560.3 | 3131.4 | 2705.8 | 2299.4 | 1923.9 | 1629.0 | 1362.0 | 1124.9 | 925.5 | 767.8 |
| 37.5° | 4267.3 | 3845.9 | 3404.1 | 2951.0 | 2502.1 | 2102.7 | 1755.1 | 1457.1 | 1197.1 | 985.1 | 807.3 |
| 35° | 4523.8 | 4113.5 | 3664.4 | 3188.7 | 2717.4 | 2272.7 | 1874.7 | 1554.1 | 1277.8 | 1041.5 | 844.8 |
| 32.5° | 4765.6 | 4358.9 | 3901.5 | 3417.1 | 2921.3 | 2433.3 | 2007.7 | 1656.1 | 1353.9 | 1094.7 | 880.0 |
| 30° | 4977.6 | 4571.6 | 4124.3 | 3632.2 | 3114.7 | 2606.6 | 2144.9 | 1751.7 | 1425.1 | 1144.5 | 915.4 |
| 27.5° | 5171.7 | 4771.1 | 4327.7 | 3826.8 | 3299.3 | 2770.1 | 2272.7 | 1840.8 | 1491.4 | 1195.3 | 955.6 |
| 25° | 5347.6 | 4943.5 | 4499.0 | 4004.9 | 3470.1 | 2921.3 | 2390.7 | 1923.9 | 1560.5 | 1249.2 | 992.7 |
| 22.5° | 5498.0 | 5097.5 | 4656.4 | 4168.4 | 3626.7 | 3059.7 | 2507.2 | 2021.0 | 1627.4 | 1298.4 | 1026.5 |
| 20° | 5634.8 | 5237.5 | 4799.2 | 4313.3 | 3764.8 | 3188.7 | 2620.5 | 2108.7 | 1687.8 | 1342.7 | 1056.9 |
| 17.5° | 5756.0 | 5357.0 | 4916.7 | 4430.4 | 3885.6 | 3303.7 | 2721.3 | 2186.7 | 1741.5 | 1382.1 | 1084.0 |
| 15° | 5855.2 | 5456.2 | 5017.7 | 4532.9 | 3991.3 | 3404.1 | 2809.3 | 2254.7 | 1788.3 | 1416.5 | 1107.5 |
| 12.5° | 5940.3 | 5541.2 | 5104.0 | 4620.4 | 4081.4 | 3489.8 | 2884.4 | 2312.7 | 1828.1 | 1445.7 | 1127.6 |
| 10° | 6010.6 | 5611.4 | 5175.2 | 4692.5 | 4155.7 | 3560.3 | 2946.1 | 2360.3 | 1860.9 | 1469.8 | 1144.1 |
| 7.5° | 6065.8 | 5666.3 | 5231.0 | 4749.0 | 4213.8 | 3615.4 | 2994.3 | 2397.5 | 1886.5 | 1488.5 | 1156.9 |
| 5° | 6105.5 | 5705.9 | 5271.0 | 4789.5 | 4255.5 | 3654.9 | 3028.9 | 2424.2 | 1904.8 | 1501.9 | 1166.1 |
| 2.5° | 6129.4 | 5729.7 | 5295.1 | 4813.9 | 4280.5 | 3678.7 | 3049.7 | 2440.2 | 1915.8 | 1510.0 | 1171.7 |
| 0° | 6137.4 | 5737.6 | 5303.2 | 4822.0 | 4288.9 | 3686.6 | 3056.6 | 2445.6 | 1919.5 | 1512.7 | 1173.5 |
| -2.5° | 6129.4 | 5729.7 | 5295.1 | 4813.9 | 4280.5 | 3678.7 | 3049.7 | 2440.2 | 1915.8 | 1510.0 | 1171.7 |
| -5° | 6105.5 | 5705.9 | 5271.0 | 4789.5 | 4255.5 | 3654.9 | 3028.9 | 2424.2 | 1904.8 | 1501.9 | 1166.1 |
| -7.5° | 6065.8 | 5666.3 | 5231.0 | 4749.0 | 4213.8 | 3615.4 | 2994.3 | 2397.5 | 1886.5 | 1488.5 | 1156.9 |
| -10° | 6010.6 | 5611.4 | 5175.2 | 4692.5 | 4155.7 | 3560.3 | 2946.1 | 2360.3 | 1860.9 | 1469.8 | 1144.1 |
| -12.5° | 5940.3 | 5541.2 | 5104.0 | 4620.4 | 4081.4 | 3489.8 | 2884.4 | 2312.7 | 1828.1 | 1445.7 | 1127.6 |
| -15° | 5855.2 | 5456.2 | 5017.7 | 4532.9 | 3991.3 | 3404.1 | 2809.3 | 2254.7 | 1788.3 | 1416.5 | 1107.5 |
| -17.5° | 5756.0 | 5357.0 | 4916.7 | 4430.4 | 3885.6 | 3303.7 | 2721.3 | 2186.7 | 1741.5 | 1382.1 | 1084.0 |
| -20° | 5634.8 | 5237.5 | 4799.2 | 4313.3 | 3764.8 | 3188.7 | 2620.5 | 2108.7 | 1687.8 | 1342.7 | 1056.9 |



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 5498.0 | 5097.5 | 4656.4 | 4168.4 | 3626.7 | 3059.7 | 2507.2 | 2021.0 | 1627.4 | 1298.4 | 1026.5 |
| -25° | 5347.6 | 4943.5 | 4499.0 | 4004.9 | 3470.1 | 2921.3 | 2390.7 | 1923.9 | 1560.5 | 1249.2 | 992.7 |
| -27.5° | 5171.7 | 4771.1 | 4327.7 | 3826.8 | 3299.3 | 2770.1 | 2272.7 | 1840.8 | 1491.4 | 1195.3 | 955.6 |
| -30° | 4977.6 | 4571.6 | 4124.3 | 3632.2 | 3114.7 | 2606.6 | 2144.9 | 1751.7 | 1425.1 | 1144.5 | 915.4 |
| -32.5° | 4765.6 | 4358.9 | 3901.5 | 3417.1 | 2921.3 | 2433.3 | 2007.7 | 1656.1 | 1353.9 | 1094.7 | 880.0 |
| -35° | 4523.8 | 4113.5 | 3664.4 | 3188.7 | 2717.4 | 2272.7 | 1874.7 | 1554.1 | 1277.8 | 1041.5 | 844.8 |
| -37.5° | 4267.3 | 3845.9 | 3404.1 | 2951.0 | 2502.1 | 2102.7 | 1755.1 | 1457.1 | 1197.1 | 985.1 | 807.3 |
| -40° | 3967.7 | 3560.3 | 3131.4 | 2705.8 | 2299.4 | 1923.9 | 1629.0 | 1362.0 | 1124.9 | 925.5 | 767.8 |
| -42.5° | 3654.9 | 3255.3 | 2853.4 | 2449.7 | 2095.6 | 1778.2 | 1499.6 | 1262.4 | 1054.2 | 873.0 | 726.2 |
| -45° | 3317.7 | 2942.7 | 2567.0 | 2219.9 | 1891.7 | 1627.4 | 1384.7 | 1161.4 | 980.3 | 823.1 | 684.9 |
| -47.5° | 2972.6 | 2626.0 | 2295.1 | 1982.5 | 1721.7 | 1477.8 | 1265.3 | 1075.8 | 903.8 | 771.2 | 644.9 |
| -50° | 2626.0 | 2320.3 | 2032.2 | 1778.7 | 1546.0 | 1342.7 | 1148.4 | 987.1 | 843.1 | 717.3 | 603.4 |
| -52.5° | 2295.1 | 2032.2 | 1797.8 | 1583.7 | 1389.5 | 1203.5 | 1047.5 | 897.7 | 780.4 | 666.3 | 560.5 |
| -55° | 1982.5 | 1778.7 | 1583.7 | 1405.2 | 1234.5 | 1084.0 | 943.6 | 825.8 | 715.7 | 615.6 | 515.9 |
| -57.5° | 1721.7 | 1546.0 | 1389.5 | 1234.5 | 1096.2 | 967.9 | 853.3 | 752.0 | 655.3 | 563.4 | 468.0 |
| -60° | 1477.8 | 1342.7 | 1203.5 | 1084.0 | 967.9 | 862.5 | 770.3 | 679.3 | 595.2 | 509.4 | 418.9 |
| -62.5° | 1265.3 | 1148.4 | 1047.5 | 943.6 | 853.3 | 770.3 | 687.4 | 611.2 | 533.8 | 452.1 | 368.6 |
| -65° | 1075.8 | 987.1 | 897.7 | 825.8 | 752.0 | 679.3 | 611.2 | 541.8 | 468.7 | 393.5 | 318.7 |
| -67.5° | 903.8 | 843.1 | 780.4 | 715.7 | 655.3 | 595.2 | 533.8 | 468.7 | 401.8 | 333.9 | 271.2 |
| -70° | 771.2 | 717.3 | 666.3 | 615.6 | 563.4 | 509.4 | 452.1 | 393.5 | 333.9 | 278.7 | 222.9 |
| -72.5° | 644.9 | 603.4 | 560.5 | 515.9 | 468.0 | 418.9 | 368.6 | 318.7 | 271.2 | 222.9 | 173.9 |
| -75° | 526.1 | 489.0 | 450.4 | 410.6 | 369.6 | 327.9 | 288.7 | 248.7 | 207.9 | 166.4 | 135.8 |
| -77.5° | 400.9 | 369.8 | 337.7 | 307.0 | 276.0 | 244.1 | 211.4 | 178.0 | 149.3 | 125.5 | 101.3 |
| -80° | 280.0 | 257.5 | 234.2 | 210.1 | 185.2 | 160.1 | 142.1 | 123.7 | 105.0 | 85.9 | 66.5 |
| -82.5° | 165.0 | 152.2 | 140.2 | 127.7 | 114.9 | 101.8 | 88.3 | 74.5 | 60.4 | 46.1 | 39.0 |
| -85° | 84.5 | 76.8 | 68.8 | 60.5 | 52.0 | 43.3 | 39.9 | 36.6 | 33.1 | 29.6 | 26.0 |
| -87.5° | 29.2 | 27.8 | 26.4 | 24.8 | 23.3 | 21.6 | 20.0 | 18.3 | 16.6 | 14.8 | 13.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 11.2 | 9.4 | 7.5 | 5.7 | 3.8 | 1.9 | 0.0 |
| 85° | 22.4 | 18.7 | 15.0 | 11.3 | 7.5 | 3.8 | 0.0 |
| 82.5° | 33.5 | 28.0 | 22.5 | 16.9 | 11.3 | 5.7 | 0.0 |
| 80° | 46.9 | 37.3 | 29.9 | 22.5 | 15.0 | 7.5 | 0.0 |
| 77.5° | 76.8 | 52.0 | 37.3 | 28.0 | 18.7 | 9.4 | 0.0 |
| 75° | 106.4 | 76.8 | 46.9 | 33.5 | 22.4 | 11.2 | 0.0 |
| 72.5° | 135.8 | 101.3 | 66.5 | 39.0 | 26.0 | 13.0 | 0.0 |
| 70° | 166.4 | 125.5 | 85.9 | 46.1 | 29.6 | 14.8 | 0.0 |
| 67.5° | 207.9 | 149.3 | 105.0 | 60.4 | 33.1 | 16.6 | 0.0 |
| 65° | 248.7 | 178.0 | 123.7 | 74.5 | 36.6 | 18.3 | 0.0 |
| 62.5° | 288.7 | 211.4 | 142.1 | 88.3 | 39.9 | 20.0 | 0.0 |
| 60° | 327.9 | 244.1 | 160.1 | 101.8 | 43.3 | 21.6 | 0.0 |
| 57.5° | 369.6 | 276.0 | 185.2 | 114.9 | 52.0 | 23.3 | 0.0 |
| 55° | 410.6 | 307.0 | 210.1 | 127.7 | 60.5 | 24.8 | 0.0 |
| 52.5° | 450.4 | 337.7 | 234.2 | 140.2 | 68.8 | 26.4 | 0.0 |
| 50° | 489.0 | 369.8 | 257.5 | 152.2 | 76.8 | 27.8 | 0.0 |
| 47.5° | 526.1 | 400.9 | 280.0 | 165.0 | 84.5 | 29.2 | 0.0 |
| 45° | 560.3 | 430.7 | 301.7 | 181.3 | 91.9 | 30.6 | 0.0 |
| 42.5° | 593.1 | 459.3 | 322.4 | 196.8 | 99.1 | 31.9 | 0.0 |
| 40° | 624.4 | 486.6 | 343.2 | 211.6 | 105.8 | 33.2 | 0.0 |
| 37.5° | 654.1 | 512.5 | 363.9 | 225.7 | 112.3 | 34.3 | 0.0 |
| 35° | 682.3 | 536.3 | 383.5 | 239.0 | 118.3 | 35.5 | 0.0 |
| 32.5° | 709.9 | 558.3 | 401.9 | 251.5 | 124.1 | 36.5 | 0.0 |
| 30° | 738.0 | 578.9 | 419.0 | 263.1 | 129.4 | 37.5 | 0.0 |
| 27.5° | 764.1 | 597.9 | 435.0 | 274.0 | 134.3 | 38.4 | 0.0 |
| 25° | 788.1 | 615.5 | 449.7 | 283.9 | 138.9 | 39.2 | 0.0 |
| 22.5° | 810.0 | 631.5 | 463.0 | 293.0 | 143.0 | 40.0 | 0.0 |
| 20° | 829.7 | 645.9 | 475.1 | 301.1 | 146.8 | 40.7 | 0.0 |
| 17.5° | 847.3 | 658.7 | 485.7 | 308.4 | 150.1 | 41.3 | 0.0 |
| 15° | 862.5 | 669.9 | 495.0 | 314.7 | 153.0 | 41.8 | 0.0 |
| 12.5° | 875.5 | 679.3 | 502.9 | 320.1 | 155.4 | 42.3 | 0.0 |
| 10° | 886.2 | 687.1 | 509.4 | 324.4 | 157.4 | 42.6 | 0.0 |
| 7.5° | 894.5 | 693.2 | 514.5 | 327.9 | 159.0 | 42.9 | 0.0 |
| 5° | 900.4 | 697.5 | 518.1 | 330.3 | 160.1 | 43.1 | 0.0 |
| 2.5° | 904.0 | 700.1 | 520.3 | 331.8 | 160.8 | 43.3 | 0.0 |
| 0° | 905.2 | 701.0 | 521.0 | 332.3 | 161.0 | 43.3 | 0.0 |
| -2.5° | 904.0 | 700.1 | 520.3 | 331.8 | 160.8 | 43.3 | 0.0 |
| -5° | 900.4 | 697.5 | 518.1 | 330.3 | 160.1 | 43.1 | 0.0 |
| -7.5° | 894.5 | 693.2 | 514.5 | 327.9 | 159.0 | 42.9 | 0.0 |
| -10° | 886.2 | 687.1 | 509.4 | 324.4 | 157.4 | 42.6 | 0.0 |
| -12.5° | 875.5 | 679.3 | 502.9 | 320.1 | 155.4 | 42.3 | 0.0 |
| -15° | 862.5 | 669.9 | 495.0 | 314.7 | 153.0 | 41.8 | 0.0 |
| -17.5° | 847.3 | 658.7 | 485.7 | 308.4 | 150.1 | 41.3 | 0.0 |
| -20° | 829.7 | 645.9 | 475.1 | 301.1 | 146.8 | 40.7 | 0.0 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645448 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-----|
| -22.5° | 810.0 | 631.5 | 463.0 | 293.0 | 143.0 | 40.0 | 0.0 |
| -25° | 788.1 | 615.5 | 449.7 | 283.9 | 138.9 | 39.2 | 0.0 |
| -27.5° | 764.1 | 597.9 | 435.0 | 274.0 | 134.3 | 38.4 | 0.0 |
| -30° | 738.0 | 578.9 | 419.0 | 263.1 | 129.4 | 37.5 | 0.0 |
| -32.5° | 709.9 | 558.3 | 401.9 | 251.5 | 124.1 | 36.5 | 0.0 |
| -35° | 682.3 | 536.3 | 383.5 | 239.0 | 118.3 | 35.5 | 0.0 |
| -37.5° | 654.1 | 512.5 | 363.9 | 225.7 | 112.3 | 34.3 | 0.0 |
| -40° | 624.4 | 486.6 | 343.2 | 211.6 | 105.8 | 33.2 | 0.0 |
| -42.5° | 593.1 | 459.3 | 322.4 | 196.8 | 99.1 | 31.9 | 0.0 |
| -45° | 560.3 | 430.7 | 301.7 | 181.3 | 91.9 | 30.6 | 0.0 |
| -47.5° | 526.1 | 400.9 | 280.0 | 165.0 | 84.5 | 29.2 | 0.0 |
| -50° | 489.0 | 369.8 | 257.5 | 152.2 | 76.8 | 27.8 | 0.0 |
| -52.5° | 450.4 | 337.7 | 234.2 | 140.2 | 68.8 | 26.4 | 0.0 |
| -55° | 410.6 | 307.0 | 210.1 | 127.7 | 60.5 | 24.8 | 0.0 |
| -57.5° | 369.6 | 276.0 | 185.2 | 114.9 | 52.0 | 23.3 | 0.0 |
| -60° | 327.9 | 244.1 | 160.1 | 101.8 | 43.3 | 21.6 | 0.0 |
| -62.5° | 288.7 | 211.4 | 142.1 | 88.3 | 39.9 | 20.0 | 0.0 |
| -65° | 248.7 | 178.0 | 123.7 | 74.5 | 36.6 | 18.3 | 0.0 |
| -67.5° | 207.9 | 149.3 | 105.0 | 60.4 | 33.1 | 16.6 | 0.0 |
| -70° | 166.4 | 125.5 | 85.9 | 46.1 | 29.6 | 14.8 | 0.0 |
| -72.5° | 135.8 | 101.3 | 66.5 | 39.0 | 26.0 | 13.0 | 0.0 |
| -75° | 106.4 | 76.8 | 46.9 | 33.5 | 22.4 | 11.2 | 0.0 |
| -77.5° | 76.8 | 52.0 | 37.3 | 28.0 | 18.7 | 9.4 | 0.0 |
| -80° | 46.9 | 37.3 | 29.9 | 22.5 | 15.0 | 7.5 | 0.0 |
| -82.5° | 33.5 | 28.0 | 22.5 | 16.9 | 11.3 | 5.7 | 0.0 |
| -85° | 22.4 | 18.7 | 15.0 | 11.3 | 7.5 | 3.8 | 0.0 |
| -87.5° | 11.2 | 9.4 | 7.5 | 5.7 | 3.8 | 1.9 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)