

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: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4E-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645496 (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-SA4E-740-U-LAM-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, LAMBERTIAN
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

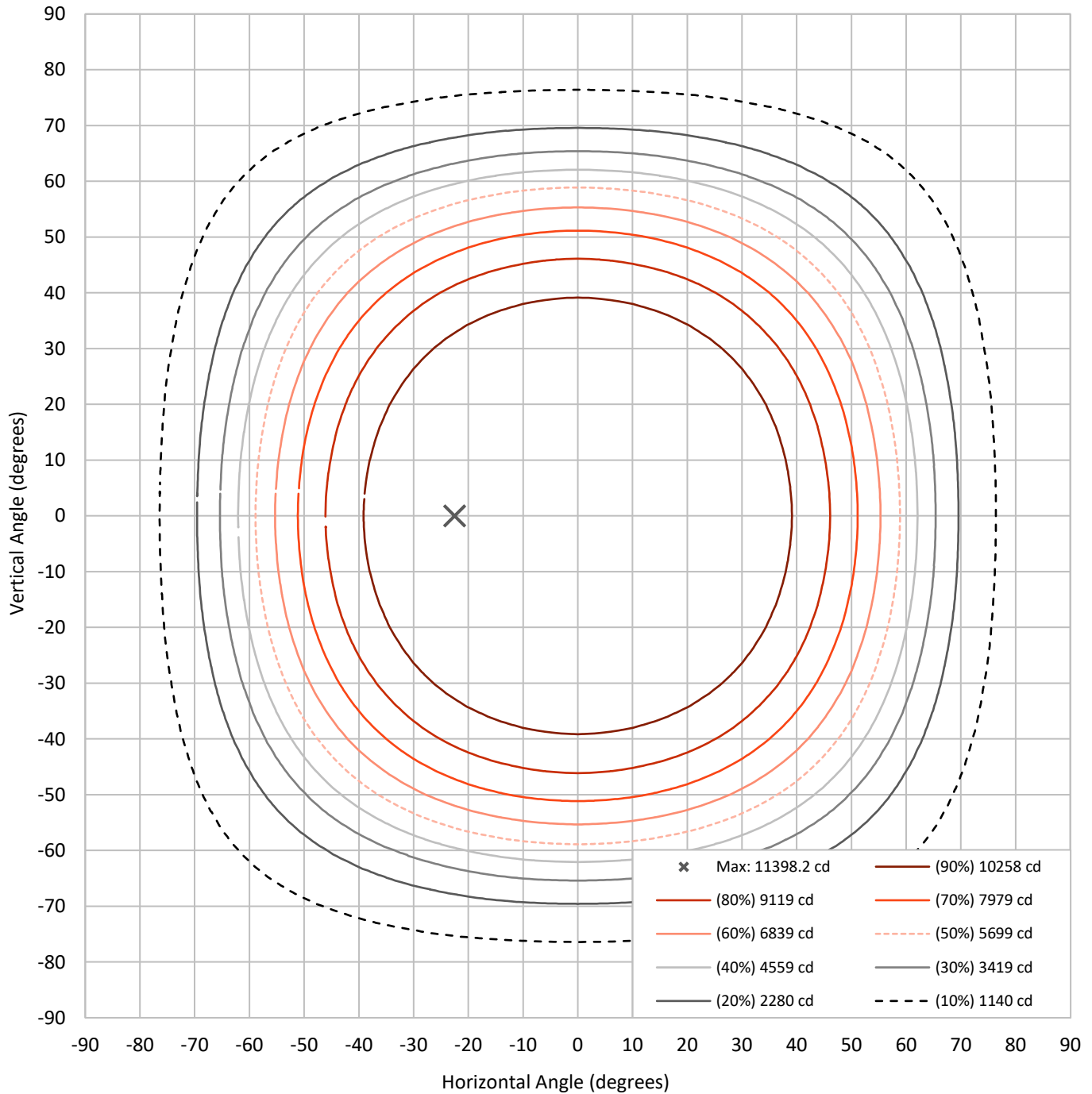
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 34867.8 lumens | Max Intensity: | 11398.2 candela |
| Efficiency: | N/A | Max Intensity Angle: | -22.5°H x 0°V |
| Efficacy: | 136.3 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 117.8°H x 112°V | Field Angle (10%): | 152.8°H x 150.5°V |
| Beam Lumens: | 29017.6 lumens | Field Lumens: | 34182 lumens |
| Beam Efficiency: | 83.2% | Field Efficiency: | 98.0% |
| Input Watts (W): | 255.9 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |



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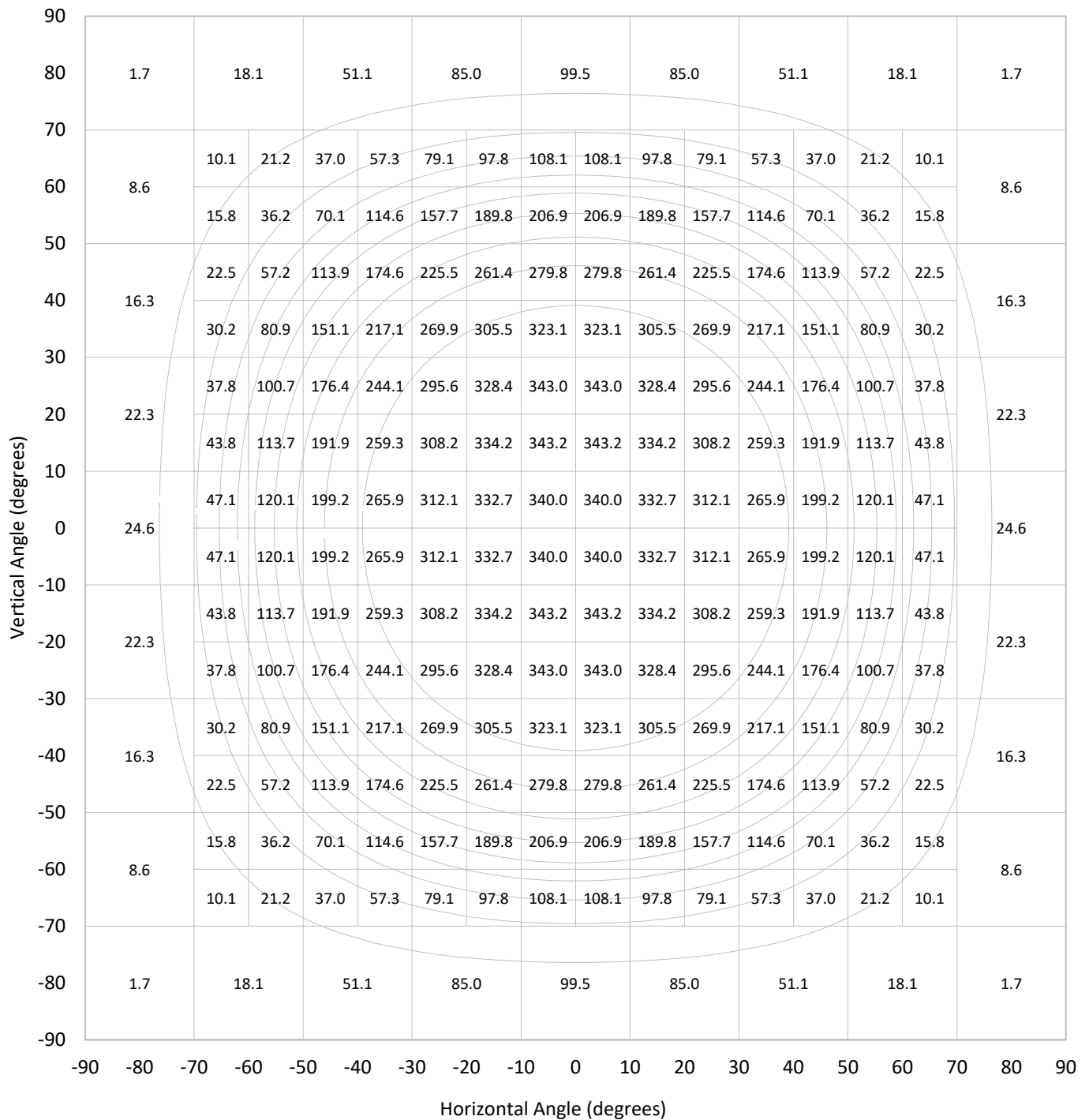
Iso-Candela Plot





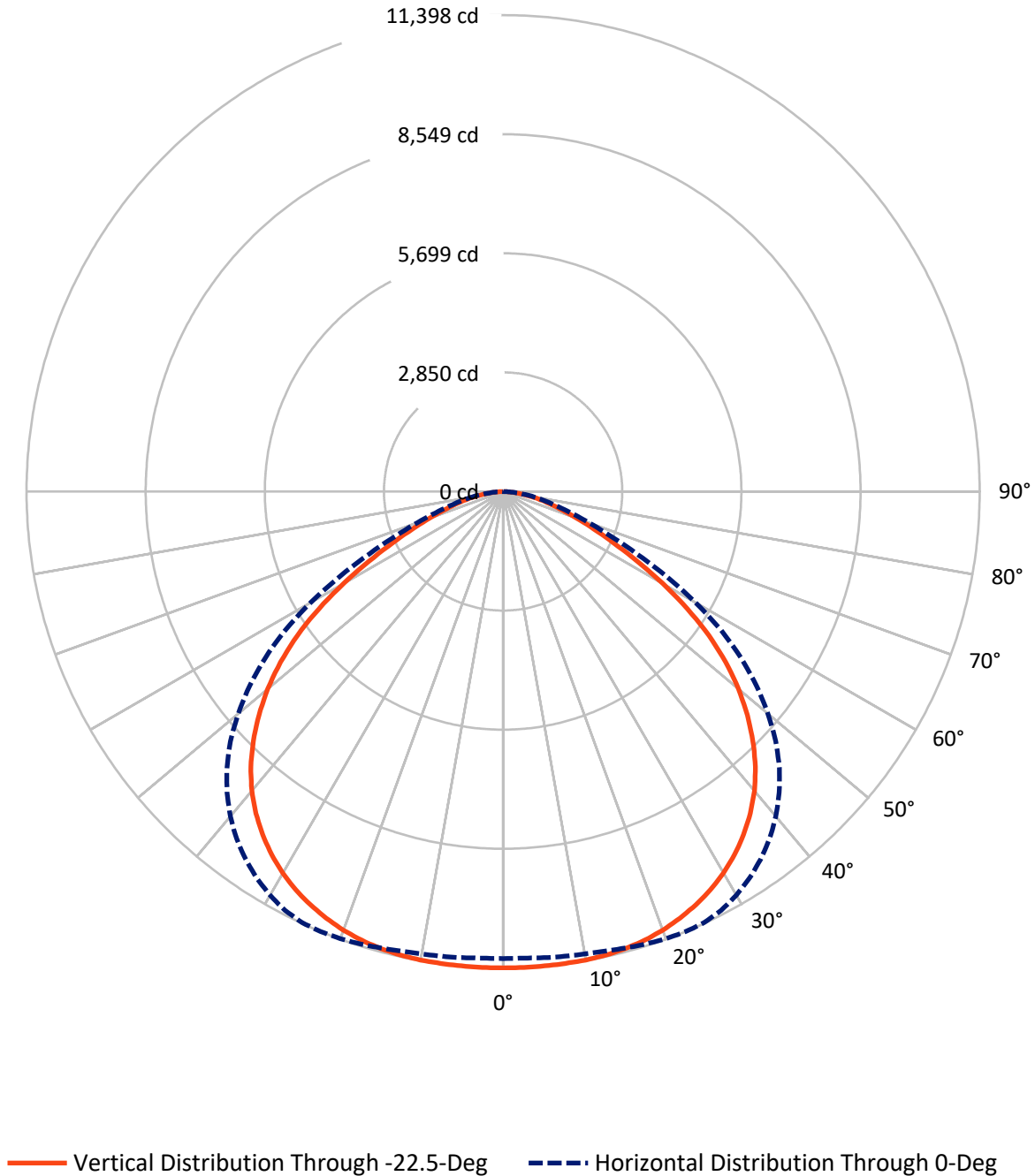
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Lumen Table



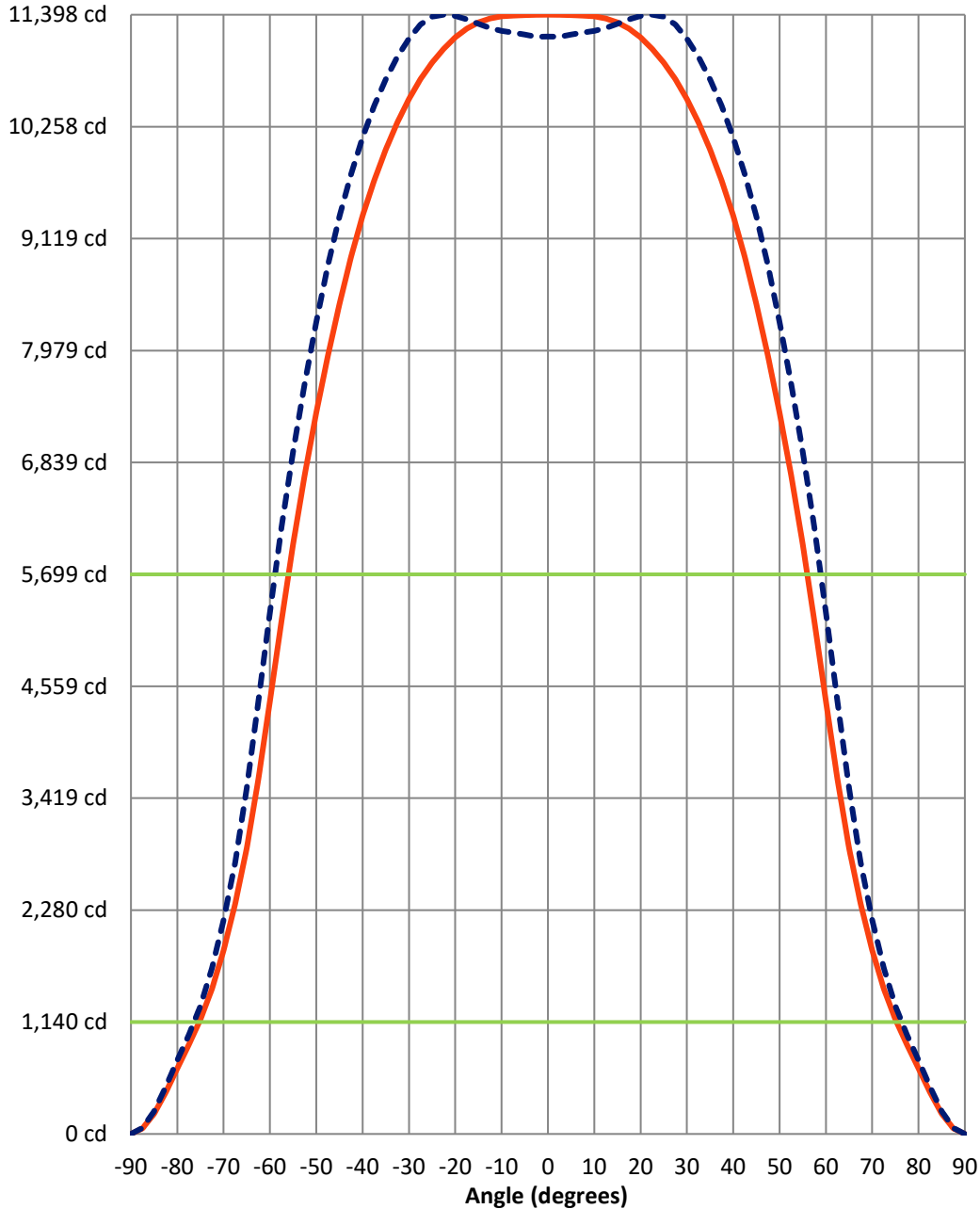
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 29017.6
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 34182
 Efficiency: 98.0%

Spill:
 Lumens: 685.8
 Efficiency: 2.0%

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

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Scaled Data Report



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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 | 2.7 | 5.4 | 8.1 | 10.8 | 13.5 | 16.1 | 18.8 | 21.3 | 23.9 | 26.4 |
| 85° | 0.0 | 5.4 | 10.9 | 16.3 | 21.6 | 27.0 | 32.3 | 37.5 | 42.6 | 47.7 | 52.7 |
| 82.5° | 0.0 | 8.1 | 16.3 | 24.4 | 32.4 | 40.4 | 48.3 | 56.1 | 66.4 | 87.0 | 107.3 |
| 80° | 0.0 | 10.8 | 21.6 | 32.4 | 43.1 | 53.8 | 67.6 | 95.9 | 123.8 | 151.3 | 178.3 |
| 77.5° | 0.0 | 13.5 | 27.0 | 40.4 | 53.8 | 75.0 | 110.7 | 146.0 | 180.8 | 215.1 | 256.5 |
| 75° | 0.0 | 16.1 | 32.3 | 48.3 | 67.6 | 110.7 | 153.4 | 195.6 | 239.8 | 299.6 | 358.4 |
| 72.5° | 0.0 | 18.8 | 37.5 | 56.1 | 95.9 | 146.0 | 195.6 | 250.6 | 321.2 | 390.8 | 459.3 |
| 70° | 0.0 | 21.3 | 42.6 | 66.4 | 123.8 | 180.8 | 239.8 | 321.2 | 401.6 | 481.2 | 567.1 |
| 67.5° | 0.0 | 23.9 | 47.7 | 87.0 | 151.3 | 215.1 | 299.6 | 390.8 | 481.2 | 579.0 | 675.4 |
| 65° | 0.0 | 26.4 | 52.7 | 107.3 | 178.3 | 256.5 | 358.4 | 459.3 | 567.1 | 675.4 | 780.6 |
| 62.5° | 0.0 | 28.8 | 57.6 | 127.2 | 204.8 | 304.7 | 416.1 | 531.2 | 651.4 | 769.1 | 880.7 |
| 60° | 0.0 | 31.2 | 62.3 | 146.7 | 230.7 | 351.8 | 472.5 | 603.6 | 734.0 | 857.7 | 978.9 |
| 57.5° | 0.0 | 33.5 | 74.9 | 165.6 | 266.9 | 397.7 | 532.6 | 674.4 | 811.8 | 944.3 | 1083.6 |
| 55° | 0.0 | 35.8 | 87.2 | 184.1 | 302.7 | 442.5 | 591.7 | 743.3 | 887.0 | 1031.2 | 1190.0 |
| 52.5° | 0.0 | 38.0 | 99.1 | 202.0 | 337.5 | 486.7 | 649.1 | 807.6 | 960.0 | 1124.5 | 1293.6 |
| 50° | 0.0 | 40.1 | 110.7 | 219.3 | 371.1 | 533.0 | 704.7 | 869.5 | 1033.6 | 1214.9 | 1422.3 |
| 47.5° | 0.0 | 42.1 | 121.8 | 237.8 | 403.6 | 577.6 | 758.0 | 929.3 | 1111.3 | 1302.4 | 1550.2 |
| 45° | 0.0 | 44.1 | 132.5 | 261.2 | 434.8 | 620.6 | 807.3 | 986.9 | 1186.1 | 1412.6 | 1673.6 |
| 42.5° | 0.0 | 46.0 | 142.7 | 283.6 | 464.6 | 661.8 | 854.5 | 1046.5 | 1258.0 | 1519.1 | 1819.1 |
| 40° | 0.0 | 47.8 | 152.5 | 304.9 | 494.6 | 701.1 | 899.7 | 1106.4 | 1333.6 | 1620.9 | 1962.7 |
| 37.5° | 0.0 | 49.5 | 161.8 | 325.2 | 524.4 | 738.5 | 942.6 | 1163.4 | 1419.5 | 1725.1 | 2099.7 |
| 35° | 0.0 | 51.1 | 170.5 | 344.4 | 552.6 | 772.7 | 983.2 | 1217.3 | 1500.8 | 1841.4 | 2239.5 |
| 32.5° | 0.0 | 52.6 | 178.8 | 362.4 | 579.1 | 804.4 | 1022.9 | 1268.1 | 1577.4 | 1951.0 | 2386.5 |
| 30° | 0.0 | 54.0 | 186.5 | 379.2 | 603.8 | 834.1 | 1063.4 | 1319.1 | 1649.2 | 2053.7 | 2524.3 |
| 27.5° | 0.0 | 55.3 | 193.6 | 394.8 | 626.8 | 861.6 | 1101.0 | 1377.0 | 1722.4 | 2149.2 | 2652.6 |
| 25° | 0.0 | 56.6 | 200.1 | 409.2 | 647.9 | 886.9 | 1135.6 | 1430.4 | 1800.1 | 2248.7 | 2772.4 |
| 22.5° | 0.0 | 57.6 | 206.1 | 422.2 | 667.2 | 910.0 | 1167.2 | 1479.1 | 1871.0 | 2345.1 | 2912.3 |
| 20° | 0.0 | 58.6 | 211.5 | 434.0 | 684.5 | 930.7 | 1195.6 | 1523.0 | 1934.9 | 2432.1 | 3038.6 |
| 17.5° | 0.0 | 59.5 | 216.3 | 444.4 | 699.9 | 949.2 | 1220.9 | 1562.0 | 1991.7 | 2509.5 | 3151.0 |
| 15° | 0.0 | 60.3 | 220.4 | 453.5 | 713.3 | 965.2 | 1242.9 | 1596.0 | 2041.2 | 2577.0 | 3249.1 |
| 12.5° | 0.0 | 60.9 | 223.9 | 461.2 | 724.7 | 978.9 | 1261.6 | 1624.9 | 2083.4 | 2634.4 | 3332.6 |
| 10° | 0.0 | 61.5 | 226.8 | 467.6 | 734.0 | 990.1 | 1277.0 | 1648.6 | 2118.0 | 2681.6 | 3401.3 |
| 7.5° | 0.0 | 61.9 | 229.1 | 472.5 | 741.3 | 998.8 | 1288.9 | 1667.1 | 2145.0 | 2718.4 | 3454.9 |
| 5° | 0.0 | 62.2 | 230.7 | 476.1 | 746.5 | 1005.1 | 1297.5 | 1680.4 | 2164.4 | 2744.8 | 3493.4 |
| 2.5° | 0.0 | 62.3 | 231.7 | 478.2 | 749.7 | 1008.8 | 1302.7 | 1688.3 | 2176.0 | 2760.7 | 3516.5 |
| 0° | 0.0 | 62.4 | 232.0 | 478.9 | 750.7 | 1010.1 | 1304.4 | 1691.0 | 2179.9 | 2766.0 | 3524.2 |
| -2.5° | 0.0 | 62.3 | 231.7 | 478.2 | 749.7 | 1008.8 | 1302.7 | 1688.3 | 2176.0 | 2760.7 | 3516.5 |
| -5° | 0.0 | 62.2 | 230.7 | 476.1 | 746.5 | 1005.1 | 1297.5 | 1680.4 | 2164.4 | 2744.8 | 3493.4 |
| -7.5° | 0.0 | 61.9 | 229.1 | 472.5 | 741.3 | 998.8 | 1288.9 | 1667.1 | 2145.0 | 2718.4 | 3454.9 |
| -10° | 0.0 | 61.5 | 226.8 | 467.6 | 734.0 | 990.1 | 1277.0 | 1648.6 | 2118.0 | 2681.6 | 3401.3 |
| -12.5° | 0.0 | 60.9 | 223.9 | 461.2 | 724.7 | 978.9 | 1261.6 | 1624.9 | 2083.4 | 2634.4 | 3332.6 |
| -15° | 0.0 | 60.3 | 220.4 | 453.5 | 713.3 | 965.2 | 1242.9 | 1596.0 | 2041.2 | 2577.0 | 3249.1 |
| -17.5° | 0.0 | 59.5 | 216.3 | 444.4 | 699.9 | 949.2 | 1220.9 | 1562.0 | 1991.7 | 2509.5 | 3151.0 |
| -20° | 0.0 | 58.6 | 211.5 | 434.0 | 684.5 | 930.7 | 1195.6 | 1523.0 | 1934.9 | 2432.1 | 3038.6 |

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CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| -22.5° | 0.0 | 57.6 | 206.1 | 422.2 | 667.2 | 910.0 | 1167.2 | 1479.1 | 1871.0 | 2345.1 | 2912.3 |
| -25° | 0.0 | 56.6 | 200.1 | 409.2 | 647.9 | 886.9 | 1135.6 | 1430.4 | 1800.1 | 2248.7 | 2772.4 |
| -27.5° | 0.0 | 55.3 | 193.6 | 394.8 | 626.8 | 861.6 | 1101.0 | 1377.0 | 1722.4 | 2149.2 | 2652.6 |
| -30° | 0.0 | 54.0 | 186.5 | 379.2 | 603.8 | 834.1 | 1063.4 | 1319.1 | 1649.2 | 2053.7 | 2524.3 |
| -32.5° | 0.0 | 52.6 | 178.8 | 362.4 | 579.1 | 804.4 | 1022.9 | 1268.1 | 1577.4 | 1951.0 | 2386.5 |
| -35° | 0.0 | 51.1 | 170.5 | 344.4 | 552.6 | 772.7 | 983.2 | 1217.3 | 1500.8 | 1841.4 | 2239.5 |
| -37.5° | 0.0 | 49.5 | 161.8 | 325.2 | 524.4 | 738.5 | 942.6 | 1163.4 | 1419.5 | 1725.1 | 2099.7 |
| -40° | 0.0 | 47.8 | 152.5 | 304.9 | 494.6 | 701.1 | 899.7 | 1106.4 | 1333.6 | 1620.9 | 1962.7 |
| -42.5° | 0.0 | 46.0 | 142.7 | 283.6 | 464.6 | 661.8 | 854.5 | 1046.5 | 1258.0 | 1519.1 | 1819.1 |
| -45° | 0.0 | 44.1 | 132.5 | 261.2 | 434.8 | 620.6 | 807.3 | 986.9 | 1186.1 | 1412.6 | 1673.6 |
| -47.5° | 0.0 | 42.1 | 121.8 | 237.8 | 403.6 | 577.6 | 758.0 | 929.3 | 1111.3 | 1302.4 | 1550.2 |
| -50° | 0.0 | 40.1 | 110.7 | 219.3 | 371.1 | 533.0 | 704.7 | 869.5 | 1033.6 | 1214.9 | 1422.3 |
| -52.5° | 0.0 | 38.0 | 99.1 | 202.0 | 337.5 | 486.7 | 649.1 | 807.6 | 960.0 | 1124.5 | 1293.6 |
| -55° | 0.0 | 35.8 | 87.2 | 184.1 | 302.7 | 442.5 | 591.7 | 743.3 | 887.0 | 1031.2 | 1190.0 |
| -57.5° | 0.0 | 33.5 | 74.9 | 165.6 | 266.9 | 397.7 | 532.6 | 674.4 | 811.8 | 944.3 | 1083.6 |
| -60° | 0.0 | 31.2 | 62.3 | 146.7 | 230.7 | 351.8 | 472.5 | 603.6 | 734.0 | 857.7 | 978.9 |
| -62.5° | 0.0 | 28.8 | 57.6 | 127.2 | 204.8 | 304.7 | 416.1 | 531.2 | 651.4 | 769.1 | 880.7 |
| -65° | 0.0 | 26.4 | 52.7 | 107.3 | 178.3 | 256.5 | 358.4 | 459.3 | 567.1 | 675.4 | 780.6 |
| -67.5° | 0.0 | 23.9 | 47.7 | 87.0 | 151.3 | 215.1 | 299.6 | 390.8 | 481.2 | 579.0 | 675.4 |
| -70° | 0.0 | 21.3 | 42.6 | 66.4 | 123.8 | 180.8 | 239.8 | 321.2 | 401.6 | 481.2 | 567.1 |
| -72.5° | 0.0 | 18.8 | 37.5 | 56.1 | 95.9 | 146.0 | 195.6 | 250.6 | 321.2 | 390.8 | 459.3 |
| -75° | 0.0 | 16.1 | 32.3 | 48.3 | 67.6 | 110.7 | 153.4 | 195.6 | 239.8 | 299.6 | 358.4 |
| -77.5° | 0.0 | 13.5 | 27.0 | 40.4 | 53.8 | 75.0 | 110.7 | 146.0 | 180.8 | 215.1 | 256.5 |
| -80° | 0.0 | 10.8 | 21.6 | 32.4 | 43.1 | 53.8 | 67.6 | 95.9 | 123.8 | 151.3 | 178.3 |
| -82.5° | 0.0 | 8.1 | 16.3 | 24.4 | 32.4 | 40.4 | 48.3 | 56.1 | 66.4 | 87.0 | 107.3 |
| -85° | 0.0 | 5.4 | 10.9 | 16.3 | 21.6 | 27.0 | 32.3 | 37.5 | 42.6 | 47.7 | 52.7 |
| -87.5° | 0.0 | 2.7 | 5.4 | 8.1 | 10.8 | 13.5 | 16.1 | 18.8 | 21.3 | 23.9 | 26.4 |
| -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: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 28.8 | 31.2 | 33.5 | 35.8 | 38.0 | 40.1 | 42.1 | 44.1 | 46.0 | 47.8 | 49.5 |
| 85° | 57.6 | 62.3 | 74.9 | 87.2 | 99.1 | 110.7 | 121.8 | 132.5 | 142.7 | 152.5 | 161.8 |
| 82.5° | 127.2 | 146.7 | 165.6 | 184.1 | 202.0 | 219.3 | 237.8 | 261.2 | 283.6 | 304.9 | 325.2 |
| 80° | 204.8 | 230.7 | 266.9 | 302.7 | 337.5 | 371.1 | 403.6 | 434.8 | 464.6 | 494.6 | 524.4 |
| 77.5° | 304.7 | 351.8 | 397.7 | 442.5 | 486.7 | 533.0 | 577.6 | 620.6 | 661.8 | 701.1 | 738.5 |
| 75° | 416.1 | 472.5 | 532.6 | 591.7 | 649.1 | 704.7 | 758.0 | 807.3 | 854.5 | 899.7 | 942.6 |
| 72.5° | 531.2 | 603.6 | 674.4 | 743.3 | 807.6 | 869.5 | 929.3 | 986.9 | 1046.5 | 1106.4 | 1163.4 |
| 70° | 651.4 | 734.0 | 811.8 | 887.0 | 960.0 | 1033.6 | 1111.3 | 1186.1 | 1258.0 | 1333.6 | 1419.5 |
| 67.5° | 769.1 | 857.7 | 944.3 | 1031.2 | 1124.5 | 1214.9 | 1302.4 | 1412.6 | 1519.1 | 1620.9 | 1725.1 |
| 65° | 880.7 | 978.9 | 1083.6 | 1190.0 | 1293.6 | 1422.3 | 1550.2 | 1673.6 | 1819.1 | 1962.7 | 2099.7 |
| 62.5° | 990.5 | 1110.0 | 1229.6 | 1359.8 | 1509.4 | 1654.8 | 1823.4 | 1995.5 | 2161.0 | 2347.5 | 2529.1 |
| 60° | 1110.0 | 1242.9 | 1394.7 | 1562.0 | 1734.2 | 1934.9 | 2129.6 | 2345.1 | 2562.4 | 2772.4 | 3030.0 |
| 57.5° | 1229.6 | 1394.7 | 1579.6 | 1778.9 | 2002.3 | 2227.8 | 2481.0 | 2726.0 | 3019.9 | 3313.4 | 3605.5 |
| 55° | 1359.8 | 1562.0 | 1778.9 | 2024.9 | 2282.3 | 2563.1 | 2856.7 | 3198.9 | 3530.1 | 3899.1 | 4252.5 |
| 52.5° | 1509.4 | 1734.2 | 2002.3 | 2282.3 | 2590.6 | 2928.5 | 3307.3 | 3699.1 | 4111.7 | 4512.4 | 4905.4 |
| 50° | 1654.8 | 1934.9 | 2227.8 | 2563.1 | 2928.5 | 3343.6 | 3784.2 | 4240.5 | 4691.0 | 5130.4 | 5542.0 |
| 47.5° | 1823.4 | 2129.6 | 2481.0 | 2856.7 | 3307.3 | 3784.2 | 4283.6 | 4780.9 | 5266.8 | 5717.6 | 6149.4 |
| 45° | 1995.5 | 2345.1 | 2726.0 | 3198.9 | 3699.1 | 4240.5 | 4780.9 | 5312.5 | 5806.1 | 6272.0 | 6679.5 |
| 42.5° | 2161.0 | 2562.4 | 3019.9 | 3530.1 | 4111.7 | 4691.0 | 5266.8 | 5806.1 | 6311.9 | 6760.5 | 7169.8 |
| 40° | 2347.5 | 2772.4 | 3313.4 | 3899.1 | 4512.4 | 5130.4 | 5717.6 | 6272.0 | 6760.5 | 7207.2 | 7621.6 |
| 37.5° | 2529.1 | 3030.0 | 3605.5 | 4252.5 | 4905.4 | 5542.0 | 6149.4 | 6679.5 | 7169.8 | 7621.6 | 8019.3 |
| 35° | 2701.5 | 3275.0 | 3915.9 | 4595.0 | 5280.5 | 5927.7 | 6518.9 | 7058.6 | 7545.7 | 7984.2 | 8390.8 |
| 32.5° | 2893.2 | 3506.5 | 4209.6 | 4924.1 | 5622.3 | 6281.3 | 6867.4 | 7395.2 | 7879.6 | 8324.9 | 8728.6 |
| 30° | 3090.8 | 3756.2 | 4488.4 | 5234.1 | 5943.2 | 6587.9 | 7172.9 | 7707.4 | 8188.0 | 8627.8 | 9023.4 |
| 27.5° | 3275.0 | 3991.8 | 4754.3 | 5514.5 | 6236.5 | 6875.4 | 7452.5 | 7978.8 | 8462.1 | 8904.8 | 9288.3 |
| 25° | 3445.1 | 4209.6 | 5000.5 | 5771.3 | 6483.3 | 7123.7 | 7706.0 | 8232.0 | 8712.5 | 9137.3 | 9510.1 |
| 22.5° | 3612.9 | 4409.1 | 5226.1 | 6006.8 | 6710.1 | 7345.6 | 7922.7 | 8450.0 | 8930.8 | 9351.7 | 9709.4 |
| 20° | 3776.1 | 4595.0 | 5425.2 | 6215.7 | 6915.9 | 7547.3 | 8120.0 | 8646.3 | 9114.2 | 9521.8 | 9877.9 |
| 17.5° | 3921.4 | 4760.7 | 5599.3 | 6384.4 | 7085.1 | 7719.5 | 8294.6 | 8822.5 | 9279.3 | 9675.2 | 10023.3 |
| 15° | 4048.3 | 4905.4 | 5751.6 | 6532.1 | 7230.6 | 7862.6 | 8437.6 | 8959.8 | 9413.4 | 9806.1 | 10151.8 |
| 12.5° | 4156.4 | 5028.8 | 5881.5 | 6658.1 | 7355.0 | 7985.0 | 8560.2 | 9075.1 | 9521.1 | 9908.7 | 10246.9 |
| 10° | 4245.4 | 5130.4 | 5988.6 | 6762.1 | 7457.6 | 8086.1 | 8661.5 | 9170.6 | 9610.4 | 9994.0 | 10326.2 |
| 7.5° | 4314.8 | 5209.9 | 6072.3 | 6843.5 | 7538.0 | 8165.4 | 8741.1 | 9245.6 | 9680.7 | 10061.1 | 10388.8 |
| 5° | 4364.7 | 5266.8 | 6132.3 | 6901.8 | 7595.7 | 8222.3 | 8798.2 | 9299.6 | 9731.3 | 10109.6 | 10433.9 |
| 2.5° | 4394.6 | 5301.1 | 6168.4 | 6937.0 | 7630.4 | 8256.6 | 8832.7 | 9332.1 | 9761.8 | 10138.8 | 10461.3 |
| 0° | 4404.6 | 5312.5 | 6180.5 | 6948.7 | 7642.0 | 8268.1 | 8844.2 | 9343.0 | 9772.0 | 10148.6 | 10470.4 |
| -2.5° | 4394.6 | 5301.1 | 6168.4 | 6937.0 | 7630.4 | 8256.6 | 8832.7 | 9332.1 | 9761.8 | 10138.8 | 10461.3 |
| -5° | 4364.7 | 5266.8 | 6132.3 | 6901.8 | 7595.7 | 8222.3 | 8798.2 | 9299.6 | 9731.3 | 10109.6 | 10433.9 |
| -7.5° | 4314.8 | 5209.9 | 6072.3 | 6843.5 | 7538.0 | 8165.4 | 8741.1 | 9245.6 | 9680.7 | 10061.1 | 10388.8 |
| -10° | 4245.4 | 5130.4 | 5988.6 | 6762.1 | 7457.6 | 8086.1 | 8661.5 | 9170.6 | 9610.4 | 9994.0 | 10326.2 |
| -12.5° | 4156.4 | 5028.8 | 5881.5 | 6658.1 | 7355.0 | 7985.0 | 8560.2 | 9075.1 | 9521.1 | 9908.7 | 10246.9 |
| -15° | 4048.3 | 4905.4 | 5751.6 | 6532.1 | 7230.6 | 7862.6 | 8437.6 | 8959.8 | 9413.4 | 9806.1 | 10151.8 |
| -17.5° | 3921.4 | 4760.7 | 5599.3 | 6384.4 | 7085.1 | 7719.5 | 8294.6 | 8822.5 | 9279.3 | 9675.2 | 10023.3 |
| -20° | 3776.1 | 4595.0 | 5425.2 | 6215.7 | 6915.9 | 7547.3 | 8120.0 | 8646.3 | 9114.2 | 9521.8 | 9877.9 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-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° | 3612.9 | 4409.1 | 5226.1 | 6006.8 | 6710.1 | 7345.6 | 7922.7 | 8450.0 | 8930.8 | 9351.7 | 9709.4 |
| -25° | 3445.1 | 4209.6 | 5000.5 | 5771.3 | 6483.3 | 7123.7 | 7706.0 | 8232.0 | 8712.5 | 9137.3 | 9510.1 |
| -27.5° | 3275.0 | 3991.8 | 4754.3 | 5514.5 | 6236.5 | 6875.4 | 7452.5 | 7978.8 | 8462.1 | 8904.8 | 9288.3 |
| -30° | 3090.8 | 3756.2 | 4488.4 | 5234.1 | 5943.2 | 6587.9 | 7172.9 | 7707.4 | 8188.0 | 8627.8 | 9023.4 |
| -32.5° | 2893.2 | 3506.5 | 4209.6 | 4924.1 | 5622.3 | 6281.3 | 6867.4 | 7395.2 | 7879.6 | 8324.9 | 8728.6 |
| -35° | 2701.5 | 3275.0 | 3915.9 | 4595.0 | 5280.5 | 5927.7 | 6518.9 | 7058.6 | 7545.7 | 7984.2 | 8390.8 |
| -37.5° | 2529.1 | 3030.0 | 3605.5 | 4252.5 | 4905.4 | 5542.0 | 6149.4 | 6679.5 | 7169.8 | 7621.6 | 8019.3 |
| -40° | 2347.5 | 2772.4 | 3313.4 | 3899.1 | 4512.4 | 5130.4 | 5717.6 | 6272.0 | 6760.5 | 7207.2 | 7621.6 |
| -42.5° | 2161.0 | 2562.4 | 3019.9 | 3530.1 | 4111.7 | 4691.0 | 5266.8 | 5806.1 | 6311.9 | 6760.5 | 7169.8 |
| -45° | 1995.5 | 2345.1 | 2726.0 | 3198.9 | 3699.1 | 4240.5 | 4780.9 | 5312.5 | 5806.1 | 6272.0 | 6679.5 |
| -47.5° | 1823.4 | 2129.6 | 2481.0 | 2856.7 | 3307.3 | 3784.2 | 4283.6 | 4780.9 | 5266.8 | 5717.6 | 6149.4 |
| -50° | 1654.8 | 1934.9 | 2227.8 | 2563.1 | 2928.5 | 3343.6 | 3784.2 | 4240.5 | 4691.0 | 5130.4 | 5542.0 |
| -52.5° | 1509.4 | 1734.2 | 2002.3 | 2282.3 | 2590.6 | 2928.5 | 3307.3 | 3699.1 | 4111.7 | 4512.4 | 4905.4 |
| -55° | 1359.8 | 1562.0 | 1778.9 | 2024.9 | 2282.3 | 2563.1 | 2856.7 | 3198.9 | 3530.1 | 3899.1 | 4252.5 |
| -57.5° | 1229.6 | 1394.7 | 1579.6 | 1778.9 | 2002.3 | 2227.8 | 2481.0 | 2726.0 | 3019.9 | 3313.4 | 3605.5 |
| -60° | 1110.0 | 1242.9 | 1394.7 | 1562.0 | 1734.2 | 1934.9 | 2129.6 | 2345.1 | 2562.4 | 2772.4 | 3030.0 |
| -62.5° | 990.5 | 1110.0 | 1229.6 | 1359.8 | 1509.4 | 1654.8 | 1823.4 | 1995.5 | 2161.0 | 2347.5 | 2529.1 |
| -65° | 880.7 | 978.9 | 1083.6 | 1190.0 | 1293.6 | 1422.3 | 1550.2 | 1673.6 | 1819.1 | 1962.7 | 2099.7 |
| -67.5° | 769.1 | 857.7 | 944.3 | 1031.2 | 1124.5 | 1214.9 | 1302.4 | 1412.6 | 1519.1 | 1620.9 | 1725.1 |
| -70° | 651.4 | 734.0 | 811.8 | 887.0 | 960.0 | 1033.6 | 1111.3 | 1186.1 | 1258.0 | 1333.6 | 1419.5 |
| -72.5° | 531.2 | 603.6 | 674.4 | 743.3 | 807.6 | 869.5 | 929.3 | 986.9 | 1046.5 | 1106.4 | 1163.4 |
| -75° | 416.1 | 472.5 | 532.6 | 591.7 | 649.1 | 704.7 | 758.0 | 807.3 | 854.5 | 899.7 | 942.6 |
| -77.5° | 304.7 | 351.8 | 397.7 | 442.5 | 486.7 | 533.0 | 577.6 | 620.6 | 661.8 | 701.1 | 738.5 |
| -80° | 204.8 | 230.7 | 266.9 | 302.7 | 337.5 | 371.1 | 403.6 | 434.8 | 464.6 | 494.6 | 524.4 |
| -82.5° | 127.2 | 146.7 | 165.6 | 184.1 | 202.0 | 219.3 | 237.8 | 261.2 | 283.6 | 304.9 | 325.2 |
| -85° | 57.6 | 62.3 | 74.9 | 87.2 | 99.1 | 110.7 | 121.8 | 132.5 | 142.7 | 152.5 | 161.8 |
| -87.5° | 28.8 | 31.2 | 33.5 | 35.8 | 38.0 | 40.1 | 42.1 | 44.1 | 46.0 | 47.8 | 49.5 |
| -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: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 51.1 | 52.6 | 54.0 | 55.3 | 56.6 | 57.6 | 58.6 | 59.5 | 60.3 | 60.9 | 61.5 |
| 85° | 170.5 | 178.8 | 186.5 | 193.6 | 200.1 | 206.1 | 211.5 | 216.3 | 220.4 | 223.9 | 226.8 |
| 82.5° | 344.4 | 362.4 | 379.2 | 394.8 | 409.2 | 422.2 | 434.0 | 444.4 | 453.5 | 461.2 | 467.6 |
| 80° | 552.6 | 579.1 | 603.8 | 626.8 | 647.9 | 667.2 | 684.5 | 699.9 | 713.3 | 724.7 | 734.0 |
| 77.5° | 772.7 | 804.4 | 834.1 | 861.6 | 886.9 | 910.0 | 930.7 | 949.2 | 965.2 | 978.9 | 990.1 |
| 75° | 983.2 | 1022.9 | 1063.4 | 1101.0 | 1135.6 | 1167.2 | 1195.6 | 1220.9 | 1242.9 | 1261.6 | 1277.0 |
| 72.5° | 1217.3 | 1268.1 | 1319.1 | 1377.0 | 1430.4 | 1479.1 | 1523.0 | 1562.0 | 1596.0 | 1624.9 | 1648.6 |
| 70° | 1500.8 | 1577.4 | 1649.2 | 1722.4 | 1800.1 | 1871.0 | 1934.9 | 1991.7 | 2041.2 | 2083.4 | 2118.0 |
| 67.5° | 1841.4 | 1951.0 | 2053.7 | 2149.2 | 2248.7 | 2345.1 | 2432.1 | 2509.5 | 2577.0 | 2634.4 | 2681.6 |
| 65° | 2239.5 | 2386.5 | 2524.3 | 2652.6 | 2772.4 | 2912.3 | 3038.6 | 3151.0 | 3249.1 | 3332.6 | 3401.3 |
| 62.5° | 2701.5 | 2893.2 | 3090.8 | 3275.0 | 3445.1 | 3612.9 | 3776.1 | 3921.4 | 4048.3 | 4156.4 | 4245.4 |
| 60° | 3275.0 | 3506.5 | 3756.2 | 3991.8 | 4209.6 | 4409.1 | 4595.0 | 4760.7 | 4905.4 | 5028.8 | 5130.4 |
| 57.5° | 3915.9 | 4209.6 | 4488.4 | 4754.3 | 5000.5 | 5226.1 | 5425.2 | 5599.3 | 5751.6 | 5881.5 | 5988.6 |
| 55° | 4595.0 | 4924.1 | 5234.1 | 5514.5 | 5771.3 | 6006.8 | 6215.7 | 6384.4 | 6532.1 | 6658.1 | 6762.1 |
| 52.5° | 5280.5 | 5622.3 | 5943.2 | 6236.5 | 6483.3 | 6710.1 | 6915.9 | 7085.1 | 7230.6 | 7355.0 | 7457.6 |
| 50° | 5927.7 | 6281.3 | 6587.9 | 6875.4 | 7123.7 | 7345.6 | 7547.3 | 7719.5 | 7862.6 | 7985.0 | 8086.1 |
| 47.5° | 6518.9 | 6867.4 | 7172.9 | 7452.5 | 7706.0 | 7922.7 | 8120.0 | 8294.6 | 8437.6 | 8560.2 | 8661.5 |
| 45° | 7058.6 | 7395.2 | 7707.4 | 7978.8 | 8232.0 | 8450.0 | 8646.3 | 8822.5 | 8959.8 | 9075.1 | 9170.6 |
| 42.5° | 7545.7 | 7879.6 | 8188.0 | 8462.1 | 8712.5 | 8930.8 | 9114.2 | 9279.3 | 9413.4 | 9521.1 | 9610.4 |
| 40° | 7984.2 | 8324.9 | 8627.8 | 8904.8 | 9137.3 | 9351.7 | 9521.8 | 9675.2 | 9806.1 | 9908.7 | 9994.0 |
| 37.5° | 8390.8 | 8728.6 | 9023.4 | 9288.3 | 9510.1 | 9709.4 | 9877.9 | 10023.3 | 10151.8 | 10246.9 | 10326.2 |
| 35° | 8762.4 | 9083.4 | 9375.0 | 9617.9 | 9837.8 | 10025.5 | 10191.3 | 10325.5 | 10444.9 | 10535.6 | 10607.8 |
| 32.5° | 9083.4 | 9401.6 | 9672.4 | 9911.5 | 10126.2 | 10301.3 | 10460.4 | 10583.4 | 10691.6 | 10778.9 | 10846.1 |
| 30° | 9375.0 | 9672.4 | 9936.3 | 10173.1 | 10368.7 | 10539.4 | 10682.5 | 10802.6 | 10902.6 | 10985.8 | 11044.9 |
| 27.5° | 9617.9 | 9911.5 | 10173.1 | 10391.4 | 10578.7 | 10742.9 | 10873.9 | 10989.5 | 11076.8 | 11153.5 | 11204.2 |
| 25° | 9837.8 | 10126.2 | 10368.7 | 10578.7 | 10760.4 | 10910.3 | 11035.0 | 11139.8 | 11217.2 | 11282.8 | 11320.6 |
| 22.5° | 10025.5 | 10301.3 | 10539.4 | 10742.9 | 10910.3 | 11050.4 | 11168.0 | 11256.6 | 11320.0 | 11359.7 | 11382.2 |
| 20° | 10191.3 | 10460.4 | 10682.5 | 10873.9 | 11035.0 | 11168.0 | 11270.0 | 11335.6 | 11379.8 | 11390.6 | 11397.0 |
| 17.5° | 10325.5 | 10583.4 | 10802.6 | 10989.5 | 11139.8 | 11256.6 | 11335.6 | 11381.9 | 11395.1 | 11392.7 | 11386.1 |
| 15° | 10444.9 | 10691.6 | 10902.6 | 11076.8 | 11217.2 | 11320.0 | 11379.8 | 11395.1 | 11391.2 | 11377.8 | 11357.3 |
| 12.5° | 10535.6 | 10778.9 | 10985.8 | 11153.5 | 11282.8 | 11359.7 | 11390.6 | 11392.7 | 11377.8 | 11352.3 | 11323.1 |
| 10° | 10607.8 | 10846.1 | 11044.9 | 11204.2 | 11320.6 | 11382.2 | 11397.0 | 11386.1 | 11357.3 | 11323.1 | 11290.7 |
| 7.5° | 10665.0 | 10899.3 | 11091.9 | 11244.8 | 11345.3 | 11389.0 | 11392.2 | 11371.6 | 11337.0 | 11298.2 | 11263.2 |
| 5° | 10706.4 | 10937.9 | 11126.1 | 11274.3 | 11363.5 | 11394.1 | 11388.7 | 11360.3 | 11320.1 | 11279.6 | 11247.6 |
| 2.5° | 10731.4 | 10961.4 | 11146.8 | 11292.4 | 11374.6 | 11397.2 | 11386.4 | 11353.2 | 11309.5 | 11267.6 | 11237.2 |
| 0° | 10739.8 | 10969.2 | 11153.8 | 11298.4 | 11378.3 | 11398.2 | 11385.7 | 11350.8 | 11305.9 | 11263.5 | 11233.6 |
| -2.5° | 10731.4 | 10961.4 | 11146.8 | 11292.4 | 11374.6 | 11397.2 | 11386.4 | 11353.2 | 11309.5 | 11267.6 | 11237.2 |
| -5° | 10706.4 | 10937.9 | 11126.1 | 11274.3 | 11363.5 | 11394.1 | 11388.7 | 11360.3 | 11320.1 | 11279.6 | 11247.6 |
| -7.5° | 10665.0 | 10899.3 | 11091.9 | 11244.8 | 11345.3 | 11389.0 | 11392.2 | 11371.6 | 11337.0 | 11298.2 | 11263.2 |
| -10° | 10607.8 | 10846.1 | 11044.9 | 11204.2 | 11320.6 | 11382.2 | 11397.0 | 11386.1 | 11357.3 | 11323.1 | 11290.7 |
| -12.5° | 10535.6 | 10778.9 | 10985.8 | 11153.5 | 11282.8 | 11359.7 | 11390.6 | 11392.7 | 11377.8 | 11352.3 | 11323.1 |
| -15° | 10444.9 | 10691.6 | 10902.6 | 11076.8 | 11217.2 | 11320.0 | 11379.8 | 11395.1 | 11391.2 | 11377.8 | 11357.3 |
| -17.5° | 10325.5 | 10583.4 | 10802.6 | 10989.5 | 11139.8 | 11256.6 | 11335.6 | 11381.9 | 11395.1 | 11392.7 | 11386.1 |
| -20° | 10191.3 | 10460.4 | 10682.5 | 10873.9 | 11035.0 | 11168.0 | 11270.0 | 11335.6 | 11379.8 | 11390.6 | 11397.0 |



REPORT NUMBER: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 10025.5 | 10301.3 | 10539.4 | 10742.9 | 10910.3 | 11050.4 | 11168.0 | 11256.6 | 11320.0 | 11359.7 | 11382.2 |
| -25° | 9837.8 | 10126.2 | 10368.7 | 10578.7 | 10760.4 | 10910.3 | 11035.0 | 11139.8 | 11217.2 | 11282.8 | 11320.6 |
| -27.5° | 9617.9 | 9911.5 | 10173.1 | 10391.4 | 10578.7 | 10742.9 | 10873.9 | 10989.5 | 11076.8 | 11153.5 | 11204.2 |
| -30° | 9375.0 | 9672.4 | 9936.3 | 10173.1 | 10368.7 | 10539.4 | 10682.5 | 10802.6 | 10902.6 | 10985.8 | 11044.9 |
| -32.5° | 9083.4 | 9401.6 | 9672.4 | 9911.5 | 10126.2 | 10301.3 | 10460.4 | 10583.4 | 10691.6 | 10778.9 | 10846.1 |
| -35° | 8762.4 | 9083.4 | 9375.0 | 9617.9 | 9837.8 | 10025.5 | 10191.3 | 10325.5 | 10444.9 | 10535.6 | 10607.8 |
| -37.5° | 8390.8 | 8728.6 | 9023.4 | 9288.3 | 9510.1 | 9709.4 | 9877.9 | 10023.3 | 10151.8 | 10246.9 | 10326.2 |
| -40° | 7984.2 | 8324.9 | 8627.8 | 8904.8 | 9137.3 | 9351.7 | 9521.8 | 9675.2 | 9806.1 | 9908.7 | 9994.0 |
| -42.5° | 7545.7 | 7879.6 | 8188.0 | 8462.1 | 8712.5 | 8930.8 | 9114.2 | 9279.3 | 9413.4 | 9521.1 | 9610.4 |
| -45° | 7058.6 | 7395.2 | 7707.4 | 7978.8 | 8232.0 | 8450.0 | 8646.3 | 8822.5 | 8959.8 | 9075.1 | 9170.6 |
| -47.5° | 6518.9 | 6867.4 | 7172.9 | 7452.5 | 7706.0 | 7922.7 | 8120.0 | 8294.6 | 8437.6 | 8560.2 | 8661.5 |
| -50° | 5927.7 | 6281.3 | 6587.9 | 6875.4 | 7123.7 | 7345.6 | 7547.3 | 7719.5 | 7862.6 | 7985.0 | 8086.1 |
| -52.5° | 5280.5 | 5622.3 | 5943.2 | 6236.5 | 6483.3 | 6710.1 | 6915.9 | 7085.1 | 7230.6 | 7355.0 | 7457.6 |
| -55° | 4595.0 | 4924.1 | 5234.1 | 5514.5 | 5771.3 | 6006.8 | 6215.7 | 6384.4 | 6532.1 | 6658.1 | 6762.1 |
| -57.5° | 3915.9 | 4209.6 | 4488.4 | 4754.3 | 5000.5 | 5226.1 | 5425.2 | 5599.3 | 5751.6 | 5881.5 | 5988.6 |
| -60° | 3275.0 | 3506.5 | 3756.2 | 3991.8 | 4209.6 | 4409.1 | 4595.0 | 4760.7 | 4905.4 | 5028.8 | 5130.4 |
| -62.5° | 2701.5 | 2893.2 | 3090.8 | 3275.0 | 3445.1 | 3612.9 | 3776.1 | 3921.4 | 4048.3 | 4156.4 | 4245.4 |
| -65° | 2239.5 | 2386.5 | 2524.3 | 2652.6 | 2772.4 | 2912.3 | 3038.6 | 3151.0 | 3249.1 | 3332.6 | 3401.3 |
| -67.5° | 1841.4 | 1951.0 | 2053.7 | 2149.2 | 2248.7 | 2345.1 | 2432.1 | 2509.5 | 2577.0 | 2634.4 | 2681.6 |
| -70° | 1500.8 | 1577.4 | 1649.2 | 1722.4 | 1800.1 | 1871.0 | 1934.9 | 1991.7 | 2041.2 | 2083.4 | 2118.0 |
| -72.5° | 1217.3 | 1268.1 | 1319.1 | 1377.0 | 1430.4 | 1479.1 | 1523.0 | 1562.0 | 1596.0 | 1624.9 | 1648.6 |
| -75° | 983.2 | 1022.9 | 1063.4 | 1101.0 | 1135.6 | 1167.2 | 1195.6 | 1220.9 | 1242.9 | 1261.6 | 1277.0 |
| -77.5° | 772.7 | 804.4 | 834.1 | 861.6 | 886.9 | 910.0 | 930.7 | 949.2 | 965.2 | 978.9 | 990.1 |
| -80° | 552.6 | 579.1 | 603.8 | 626.8 | 647.9 | 667.2 | 684.5 | 699.9 | 713.3 | 724.7 | 734.0 |
| -82.5° | 344.4 | 362.4 | 379.2 | 394.8 | 409.2 | 422.2 | 434.0 | 444.4 | 453.5 | 461.2 | 467.6 |
| -85° | 170.5 | 178.8 | 186.5 | 193.6 | 200.1 | 206.1 | 211.5 | 216.3 | 220.4 | 223.9 | 226.8 |
| -87.5° | 51.1 | 52.6 | 54.0 | 55.3 | 56.6 | 57.6 | 58.6 | 59.5 | 60.3 | 60.9 | 61.5 |
| -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: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 61.9 | 62.2 | 62.3 | 62.4 | 62.3 | 62.2 | 61.9 | 61.5 | 60.9 | 60.3 | 59.5 |
| 85° | 229.1 | 230.7 | 231.7 | 232.0 | 231.7 | 230.7 | 229.1 | 226.8 | 223.9 | 220.4 | 216.3 |
| 82.5° | 472.5 | 476.1 | 478.2 | 478.9 | 478.2 | 476.1 | 472.5 | 467.6 | 461.2 | 453.5 | 444.4 |
| 80° | 741.3 | 746.5 | 749.7 | 750.7 | 749.7 | 746.5 | 741.3 | 734.0 | 724.7 | 713.3 | 699.9 |
| 77.5° | 998.8 | 1005.1 | 1008.8 | 1010.1 | 1008.8 | 1005.1 | 998.8 | 990.1 | 978.9 | 965.2 | 949.2 |
| 75° | 1288.9 | 1297.5 | 1302.7 | 1304.4 | 1302.7 | 1297.5 | 1288.9 | 1277.0 | 1261.6 | 1242.9 | 1220.9 |
| 72.5° | 1667.1 | 1680.4 | 1688.3 | 1691.0 | 1688.3 | 1680.4 | 1667.1 | 1648.6 | 1624.9 | 1596.0 | 1562.0 |
| 70° | 2145.0 | 2164.4 | 2176.0 | 2179.9 | 2176.0 | 2164.4 | 2145.0 | 2118.0 | 2083.4 | 2041.2 | 1991.7 |
| 67.5° | 2718.4 | 2744.8 | 2760.7 | 2766.0 | 2760.7 | 2744.8 | 2718.4 | 2681.6 | 2634.4 | 2577.0 | 2509.5 |
| 65° | 3454.9 | 3493.4 | 3516.5 | 3524.2 | 3516.5 | 3493.4 | 3454.9 | 3401.3 | 3332.6 | 3249.1 | 3151.0 |
| 62.5° | 4314.8 | 4364.7 | 4394.6 | 4404.6 | 4394.6 | 4364.7 | 4314.8 | 4245.4 | 4156.4 | 4048.3 | 3921.4 |
| 60° | 5209.9 | 5266.8 | 5301.1 | 5312.5 | 5301.1 | 5266.8 | 5209.9 | 5130.4 | 5028.8 | 4905.4 | 4760.7 |
| 57.5° | 6072.3 | 6132.3 | 6168.4 | 6180.5 | 6168.4 | 6132.3 | 6072.3 | 5988.6 | 5881.5 | 5751.6 | 5599.3 |
| 55° | 6843.5 | 6901.8 | 6937.0 | 6948.7 | 6937.0 | 6901.8 | 6843.5 | 6762.1 | 6658.1 | 6532.1 | 6384.4 |
| 52.5° | 7538.0 | 7595.7 | 7630.4 | 7642.0 | 7630.4 | 7595.7 | 7538.0 | 7457.6 | 7355.0 | 7230.6 | 7085.1 |
| 50° | 8165.4 | 8222.3 | 8256.6 | 8268.1 | 8256.6 | 8222.3 | 8165.4 | 8086.1 | 7985.0 | 7862.6 | 7719.5 |
| 47.5° | 8741.1 | 8798.2 | 8832.7 | 8844.2 | 8832.7 | 8798.2 | 8741.1 | 8661.5 | 8560.2 | 8437.6 | 8294.6 |
| 45° | 9245.6 | 9299.6 | 9332.1 | 9343.0 | 9332.1 | 9299.6 | 9245.6 | 9170.6 | 9075.1 | 8959.8 | 8822.5 |
| 42.5° | 9680.7 | 9731.3 | 9761.8 | 9772.0 | 9761.8 | 9731.3 | 9680.7 | 9610.4 | 9521.1 | 9413.4 | 9279.3 |
| 40° | 10061.1 | 10109.6 | 10138.8 | 10148.6 | 10138.8 | 10109.6 | 10061.1 | 9994.0 | 9908.7 | 9806.1 | 9675.2 |
| 37.5° | 10388.8 | 10433.9 | 10461.3 | 10470.4 | 10461.3 | 10433.9 | 10388.8 | 10326.2 | 10246.9 | 10151.8 | 10023.3 |
| 35° | 10665.0 | 10706.4 | 10731.4 | 10739.8 | 10731.4 | 10706.4 | 10665.0 | 10607.8 | 10535.6 | 10444.9 | 10325.5 |
| 32.5° | 10899.3 | 10937.9 | 10961.4 | 10969.2 | 10961.4 | 10937.9 | 10899.3 | 10846.1 | 10778.9 | 10691.6 | 10583.4 |
| 30° | 11091.9 | 11126.1 | 11146.8 | 11153.8 | 11146.8 | 11126.1 | 11091.9 | 11044.9 | 10985.8 | 10902.6 | 10802.6 |
| 27.5° | 11244.8 | 11274.3 | 11292.4 | 11298.4 | 11292.4 | 11274.3 | 11244.8 | 11204.2 | 11153.5 | 11076.8 | 10989.5 |
| 25° | 11345.3 | 11363.5 | 11374.6 | 11378.3 | 11374.6 | 11363.5 | 11345.3 | 11320.6 | 11282.8 | 11217.2 | 11139.8 |
| 22.5° | 11389.0 | 11394.1 | 11397.2 | 11398.2 | 11397.2 | 11394.1 | 11389.0 | 11382.2 | 11359.7 | 11320.0 | 11256.6 |
| 20° | 11392.2 | 11388.7 | 11386.4 | 11385.7 | 11386.4 | 11388.7 | 11392.2 | 11397.0 | 11390.6 | 11379.8 | 11335.6 |
| 17.5° | 11371.6 | 11360.3 | 11353.2 | 11350.8 | 11353.2 | 11360.3 | 11371.6 | 11386.1 | 11392.7 | 11395.1 | 11381.9 |
| 15° | 11337.0 | 11320.1 | 11309.5 | 11305.9 | 11309.5 | 11320.1 | 11337.0 | 11357.3 | 11377.8 | 11391.2 | 11395.1 |
| 12.5° | 11298.2 | 11279.6 | 11267.6 | 11263.5 | 11267.6 | 11279.6 | 11298.2 | 11323.1 | 11352.3 | 11377.8 | 11392.7 |
| 10° | 11263.2 | 11247.6 | 11237.2 | 11233.6 | 11237.2 | 11247.6 | 11263.2 | 11290.7 | 11323.1 | 11357.3 | 11386.1 |
| 7.5° | 11240.7 | 11226.6 | 11218.9 | 11216.1 | 11218.9 | 11226.6 | 11240.7 | 11263.2 | 11298.2 | 11337.0 | 11371.6 |
| 5° | 11226.6 | 11212.6 | 11200.9 | 11196.2 | 11200.9 | 11212.6 | 11226.6 | 11247.6 | 11279.6 | 11320.1 | 11360.3 |
| 2.5° | 11218.9 | 11200.9 | 11183.0 | 11173.7 | 11183.0 | 11200.9 | 11218.9 | 11237.2 | 11267.6 | 11309.5 | 11353.2 |
| 0° | 11216.1 | 11196.2 | 11173.7 | 11176.2 | 11173.7 | 11196.2 | 11216.1 | 11233.6 | 11263.5 | 11305.9 | 11350.8 |
| -2.5° | 11218.9 | 11200.9 | 11183.0 | 11173.7 | 11183.0 | 11200.9 | 11218.9 | 11237.2 | 11267.6 | 11309.5 | 11353.2 |
| -5° | 11226.6 | 11212.6 | 11200.9 | 11196.2 | 11200.9 | 11212.6 | 11226.6 | 11247.6 | 11279.6 | 11320.1 | 11360.3 |
| -7.5° | 11240.7 | 11226.6 | 11218.9 | 11216.1 | 11218.9 | 11226.6 | 11240.7 | 11263.2 | 11298.2 | 11337.0 | 11371.6 |
| -10° | 11263.2 | 11247.6 | 11237.2 | 11233.6 | 11237.2 | 11247.6 | 11263.2 | 11290.7 | 11323.1 | 11357.3 | 11386.1 |
| -12.5° | 11298.2 | 11279.6 | 11267.6 | 11263.5 | 11267.6 | 11279.6 | 11298.2 | 11323.1 | 11352.3 | 11377.8 | 11392.7 |
| -15° | 11337.0 | 11320.1 | 11309.5 | 11305.9 | 11309.5 | 11320.1 | 11337.0 | 11357.3 | 11377.8 | 11391.2 | 11395.1 |
| -17.5° | 11371.6 | 11360.3 | 11353.2 | 11350.8 | 11353.2 | 11360.3 | 11371.6 | 11386.1 | 11392.7 | 11395.1 | 11381.9 |
| -20° | 11392.2 | 11388.7 | 11386.4 | 11385.7 | 11386.4 | 11388.7 | 11392.2 | 11397.0 | 11390.6 | 11379.8 | 11335.6 |



REPORT NUMBER: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 11389.0 | 11394.1 | 11397.2 | 11398.2 | 11397.2 | 11394.1 | 11389.0 | 11382.2 | 11359.7 | 11320.0 | 11256.6 |
| -25° | 11345.3 | 11363.5 | 11374.6 | 11378.3 | 11374.6 | 11363.5 | 11345.3 | 11320.6 | 11282.8 | 11217.2 | 11139.8 |
| -27.5° | 11244.8 | 11274.3 | 11292.4 | 11298.4 | 11292.4 | 11274.3 | 11244.8 | 11204.2 | 11153.5 | 11076.8 | 10989.5 |
| -30° | 11091.9 | 11126.1 | 11146.8 | 11153.8 | 11146.8 | 11126.1 | 11091.9 | 11044.9 | 10985.8 | 10902.6 | 10802.6 |
| -32.5° | 10899.3 | 10937.9 | 10961.4 | 10969.2 | 10961.4 | 10937.9 | 10899.3 | 10846.1 | 10778.9 | 10691.6 | 10583.4 |
| -35° | 10665.0 | 10706.4 | 10731.4 | 10739.8 | 10731.4 | 10706.4 | 10665.0 | 10607.8 | 10535.6 | 10444.9 | 10325.5 |
| -37.5° | 10388.8 | 10433.9 | 10461.3 | 10470.4 | 10461.3 | 10433.9 | 10388.8 | 10326.2 | 10246.9 | 10151.8 | 10023.3 |
| -40° | 10061.1 | 10109.6 | 10138.8 | 10148.6 | 10138.8 | 10109.6 | 10061.1 | 9994.0 | 9908.7 | 9806.1 | 9675.2 |
| -42.5° | 9680.7 | 9731.3 | 9761.8 | 9772.0 | 9761.8 | 9731.3 | 9680.7 | 9610.4 | 9521.1 | 9413.4 | 9279.3 |
| -45° | 9245.6 | 9299.6 | 9332.1 | 9343.0 | 9332.1 | 9299.6 | 9245.6 | 9170.6 | 9075.1 | 8959.8 | 8822.5 |
| -47.5° | 8741.1 | 8798.2 | 8832.7 | 8844.2 | 8832.7 | 8798.2 | 8741.1 | 8661.5 | 8560.2 | 8437.6 | 8294.6 |
| -50° | 8165.4 | 8222.3 | 8256.6 | 8268.1 | 8256.6 | 8222.3 | 8165.4 | 8086.1 | 7985.0 | 7862.6 | 7719.5 |
| -52.5° | 7538.0 | 7595.7 | 7630.4 | 7642.0 | 7630.4 | 7595.7 | 7538.0 | 7457.6 | 7355.0 | 7230.6 | 7085.1 |
| -55° | 6843.5 | 6901.8 | 6937.0 | 6948.7 | 6937.0 | 6901.8 | 6843.5 | 6762.1 | 6658.1 | 6532.1 | 6384.4 |
| -57.5° | 6072.3 | 6132.3 | 6168.4 | 6180.5 | 6168.4 | 6132.3 | 6072.3 | 5988.6 | 5881.5 | 5751.6 | 5599.3 |
| -60° | 5209.9 | 5266.8 | 5301.1 | 5312.5 | 5301.1 | 5266.8 | 5209.9 | 5130.4 | 5028.8 | 4905.4 | 4760.7 |
| -62.5° | 4314.8 | 4364.7 | 4394.6 | 4404.6 | 4394.6 | 4364.7 | 4314.8 | 4245.4 | 4156.4 | 4048.3 | 3921.4 |
| -65° | 3454.9 | 3493.4 | 3516.5 | 3524.2 | 3516.5 | 3493.4 | 3454.9 | 3401.3 | 3332.6 | 3249.1 | 3151.0 |
| -67.5° | 2718.4 | 2744.8 | 2760.7 | 2766.0 | 2760.7 | 2744.8 | 2718.4 | 2681.6 | 2634.4 | 2577.0 | 2509.5 |
| -70° | 2145.0 | 2164.4 | 2176.0 | 2179.9 | 2176.0 | 2164.4 | 2145.0 | 2118.0 | 2083.4 | 2041.2 | 1991.7 |
| -72.5° | 1667.1 | 1680.4 | 1688.3 | 1691.0 | 1688.3 | 1680.4 | 1667.1 | 1648.6 | 1624.9 | 1596.0 | 1562.0 |
| -75° | 1288.9 | 1297.5 | 1302.7 | 1304.4 | 1302.7 | 1297.5 | 1288.9 | 1277.0 | 1261.6 | 1242.9 | 1220.9 |
| -77.5° | 998.8 | 1005.1 | 1008.8 | 1010.1 | 1008.8 | 1005.1 | 998.8 | 990.1 | 978.9 | 965.2 | 949.2 |
| -80° | 741.3 | 746.5 | 749.7 | 750.7 | 749.7 | 746.5 | 741.3 | 734.0 | 724.7 | 713.3 | 699.9 |
| -82.5° | 472.5 | 476.1 | 478.2 | 478.9 | 478.2 | 476.1 | 472.5 | 467.6 | 461.2 | 453.5 | 444.4 |
| -85° | 229.1 | 230.7 | 231.7 | 232.0 | 231.7 | 230.7 | 229.1 | 226.8 | 223.9 | 220.4 | 216.3 |
| -87.5° | 61.9 | 62.2 | 62.3 | 62.4 | 62.3 | 62.2 | 61.9 | 61.5 | 60.9 | 60.3 | 59.5 |
| -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: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 58.6 | 57.6 | 56.6 | 55.3 | 54.0 | 52.6 | 51.1 | 49.5 | 47.8 | 46.0 | 44.1 |
| 85° | 211.5 | 206.1 | 200.1 | 193.6 | 186.5 | 178.8 | 170.5 | 161.8 | 152.5 | 142.7 | 132.5 |
| 82.5° | 434.0 | 422.2 | 409.2 | 394.8 | 379.2 | 362.4 | 344.4 | 325.2 | 304.9 | 283.6 | 261.2 |
| 80° | 684.5 | 667.2 | 647.9 | 626.8 | 603.8 | 579.1 | 552.6 | 524.4 | 494.6 | 464.6 | 434.8 |
| 77.5° | 930.7 | 910.0 | 886.9 | 861.6 | 834.1 | 804.4 | 772.7 | 738.5 | 701.1 | 661.8 | 620.6 |
| 75° | 1195.6 | 1167.2 | 1135.6 | 1101.0 | 1063.4 | 1022.9 | 983.2 | 942.6 | 899.7 | 854.5 | 807.3 |
| 72.5° | 1523.0 | 1479.1 | 1430.4 | 1377.0 | 1319.1 | 1268.1 | 1217.3 | 1163.4 | 1106.4 | 1046.5 | 986.9 |
| 70° | 1934.9 | 1871.0 | 1800.1 | 1722.4 | 1649.2 | 1577.4 | 1500.8 | 1419.5 | 1333.6 | 1258.0 | 1186.1 |
| 67.5° | 2432.1 | 2345.1 | 2248.7 | 2149.2 | 2053.7 | 1951.0 | 1841.4 | 1725.1 | 1620.9 | 1519.1 | 1412.6 |
| 65° | 3038.6 | 2912.3 | 2772.4 | 2652.6 | 2524.3 | 2386.5 | 2239.5 | 2099.7 | 1962.7 | 1819.1 | 1673.6 |
| 62.5° | 3776.1 | 3612.9 | 3445.1 | 3275.0 | 3090.8 | 2893.2 | 2701.5 | 2529.1 | 2347.5 | 2161.0 | 1995.5 |
| 60° | 4595.0 | 4409.1 | 4209.6 | 3991.8 | 3756.2 | 3506.5 | 3275.0 | 3030.0 | 2772.4 | 2562.4 | 2345.1 |
| 57.5° | 5425.2 | 5226.1 | 5000.5 | 4754.3 | 4488.4 | 4209.6 | 3915.9 | 3605.5 | 3313.4 | 3019.9 | 2726.0 |
| 55° | 6215.7 | 6006.8 | 5771.3 | 5514.5 | 5234.1 | 4924.1 | 4595.0 | 4252.5 | 3899.1 | 3530.1 | 3198.9 |
| 52.5° | 6915.9 | 6710.1 | 6483.3 | 6236.5 | 5943.2 | 5622.3 | 5280.5 | 4905.4 | 4512.4 | 4111.7 | 3699.1 |
| 50° | 7547.3 | 7345.6 | 7123.7 | 6875.4 | 6587.9 | 6281.3 | 5927.7 | 5542.0 | 5130.4 | 4691.0 | 4240.5 |
| 47.5° | 8120.0 | 7922.7 | 7706.0 | 7452.5 | 7172.9 | 6867.4 | 6518.9 | 6149.4 | 5717.6 | 5266.8 | 4780.9 |
| 45° | 8646.3 | 8450.0 | 8232.0 | 7978.8 | 7707.4 | 7395.2 | 7058.6 | 6679.5 | 6272.0 | 5806.1 | 5312.5 |
| 42.5° | 9114.2 | 8930.8 | 8712.5 | 8462.1 | 8188.0 | 7879.6 | 7545.7 | 7169.8 | 6760.5 | 6311.9 | 5806.1 |
| 40° | 9521.8 | 9351.7 | 9137.3 | 8904.8 | 8627.8 | 8324.9 | 7984.2 | 7621.6 | 7207.2 | 6760.5 | 6272.0 |
| 37.5° | 9877.9 | 9709.4 | 9510.1 | 9288.3 | 9023.4 | 8728.6 | 8390.8 | 8019.3 | 7621.6 | 7169.8 | 6679.5 |
| 35° | 10191.3 | 10025.5 | 9837.8 | 9617.9 | 9375.0 | 9083.4 | 8762.4 | 8390.8 | 7984.2 | 7545.7 | 7058.6 |
| 32.5° | 10460.4 | 10301.3 | 10126.2 | 9911.5 | 9672.4 | 9401.6 | 9083.4 | 8728.6 | 8324.9 | 7879.6 | 7395.2 |
| 30° | 10682.5 | 10539.4 | 10368.7 | 10173.1 | 9936.3 | 9672.4 | 9375.0 | 9023.4 | 8627.8 | 8188.0 | 7707.4 |
| 27.5° | 10873.9 | 10742.9 | 10578.7 | 10391.4 | 10173.1 | 9911.5 | 9617.9 | 9288.3 | 8904.8 | 8462.1 | 7978.8 |
| 25° | 11035.0 | 10910.3 | 10760.4 | 10578.7 | 10368.7 | 10126.2 | 9837.8 | 9510.1 | 9137.3 | 8712.5 | 8232.0 |
| 22.5° | 11168.0 | 11050.4 | 10910.3 | 10742.9 | 10539.4 | 10301.3 | 10025.5 | 9709.4 | 9351.7 | 8930.8 | 8450.0 |
| 20° | 11270.0 | 11168.0 | 11035.0 | 10873.9 | 10682.5 | 10460.4 | 10191.3 | 9877.9 | 9521.8 | 9114.2 | 8646.3 |
| 17.5° | 11335.6 | 11256.6 | 11139.8 | 10989.5 | 10802.6 | 10583.4 | 10325.5 | 10023.3 | 9675.2 | 9279.3 | 8822.5 |
| 15° | 11379.8 | 11320.0 | 11217.2 | 11076.8 | 10902.6 | 10691.6 | 10444.9 | 10151.8 | 9806.1 | 9413.4 | 8959.8 |
| 12.5° | 11390.6 | 11359.7 | 11282.8 | 11153.5 | 10985.8 | 10778.9 | 10535.6 | 10246.9 | 9908.7 | 9521.1 | 9075.1 |
| 10° | 11397.0 | 11382.2 | 11320.6 | 11204.2 | 11044.9 | 10846.1 | 10607.8 | 10326.2 | 9994.0 | 9610.4 | 9170.6 |
| 7.5° | 11392.2 | 11389.0 | 11345.3 | 11244.8 | 11091.9 | 10899.3 | 10665.0 | 10388.8 | 10061.1 | 9680.7 | 9245.6 |
| 5° | 11388.7 | 11394.1 | 11363.5 | 11274.3 | 11126.1 | 10937.9 | 10706.4 | 10433.9 | 10109.6 | 9731.3 | 9299.6 |
| 2.5° | 11386.4 | 11397.2 | 11374.6 | 11292.4 | 11146.8 | 10961.4 | 10731.4 | 10461.3 | 10138.8 | 9761.8 | 9332.1 |
| 0° | 11385.7 | 11398.2 | 11378.3 | 11298.4 | 11153.8 | 10969.2 | 10739.8 | 10470.4 | 10148.6 | 9772.0 | 9343.0 |
| -2.5° | 11386.4 | 11397.2 | 11374.6 | 11292.4 | 11146.8 | 10961.4 | 10731.4 | 10461.3 | 10138.8 | 9761.8 | 9332.1 |
| -5° | 11388.7 | 11394.1 | 11363.5 | 11274.3 | 11126.1 | 10937.9 | 10706.4 | 10433.9 | 10109.6 | 9731.3 | 9299.6 |
| -7.5° | 11392.2 | 11389.0 | 11345.3 | 11244.8 | 11091.9 | 10899.3 | 10665.0 | 10388.8 | 10061.1 | 9680.7 | 9245.6 |
| -10° | 11397.0 | 11382.2 | 11320.6 | 11204.2 | 11044.9 | 10846.1 | 10607.8 | 10326.2 | 9994.0 | 9610.4 | 9170.6 |
| -12.5° | 11390.6 | 11359.7 | 11282.8 | 11153.5 | 10985.8 | 10778.9 | 10535.6 | 10246.9 | 9908.7 | 9521.1 | 9075.1 |
| -15° | 11379.8 | 11320.0 | 11217.2 | 11076.8 | 10902.6 | 10691.6 | 10444.9 | 10151.8 | 9806.1 | 9413.4 | 8959.8 |
| -17.5° | 11335.6 | 11256.6 | 11139.8 | 10989.5 | 10802.6 | 10583.4 | 10325.5 | 10023.3 | 9675.2 | 9279.3 | 8822.5 |
| -20° | 11270.0 | 11168.0 | 11035.0 | 10873.9 | 10682.5 | 10460.4 | 10191.3 | 9877.9 | 9521.8 | 9114.2 | 8646.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-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° | 11168.0 | 11050.4 | 10910.3 | 10742.9 | 10539.4 | 10301.3 | 10025.5 | 9709.4 | 9351.7 | 8930.8 | 8450.0 |
| -25° | 11035.0 | 10910.3 | 10760.4 | 10578.7 | 10368.7 | 10126.2 | 9837.8 | 9510.1 | 9137.3 | 8712.5 | 8232.0 |
| -27.5° | 10873.9 | 10742.9 | 10578.7 | 10391.4 | 10173.1 | 9911.5 | 9617.9 | 9288.3 | 8904.8 | 8462.1 | 7978.8 |
| -30° | 10682.5 | 10539.4 | 10368.7 | 10173.1 | 9936.3 | 9672.4 | 9375.0 | 9023.4 | 8627.8 | 8188.0 | 7707.4 |
| -32.5° | 10460.4 | 10301.3 | 10126.2 | 9911.5 | 9672.4 | 9401.6 | 9083.4 | 8728.6 | 8324.9 | 7879.6 | 7395.2 |
| -35° | 10191.3 | 10025.5 | 9837.8 | 9617.9 | 9375.0 | 9083.4 | 8762.4 | 8390.8 | 7984.2 | 7545.7 | 7058.6 |
| -37.5° | 9877.9 | 9709.4 | 9510.1 | 9288.3 | 9023.4 | 8728.6 | 8390.8 | 8019.3 | 7621.6 | 7169.8 | 6679.5 |
| -40° | 9521.8 | 9351.7 | 9137.3 | 8904.8 | 8627.8 | 8324.9 | 7984.2 | 7621.6 | 7207.2 | 6760.5 | 6272.0 |
| -42.5° | 9114.2 | 8930.8 | 8712.5 | 8462.1 | 8188.0 | 7879.6 | 7545.7 | 7169.8 | 6760.5 | 6311.9 | 5806.1 |
| -45° | 8646.3 | 8450.0 | 8232.0 | 7978.8 | 7707.4 | 7395.2 | 7058.6 | 6679.5 | 6272.0 | 5806.1 | 5312.5 |
| -47.5° | 8120.0 | 7922.7 | 7706.0 | 7452.5 | 7172.9 | 6867.4 | 6518.9 | 6149.4 | 5717.6 | 5266.8 | 4780.9 |
| -50° | 7547.3 | 7345.6 | 7123.7 | 6875.4 | 6587.9 | 6281.3 | 5927.7 | 5542.0 | 5130.4 | 4691.0 | 4240.5 |
| -52.5° | 6915.9 | 6710.1 | 6483.3 | 6236.5 | 5943.2 | 5622.3 | 5280.5 | 4905.4 | 4512.4 | 4111.7 | 3699.1 |
| -55° | 6215.7 | 6006.8 | 5771.3 | 5514.5 | 5234.1 | 4924.1 | 4595.0 | 4252.5 | 3899.1 | 3530.1 | 3198.9 |
| -57.5° | 5425.2 | 5226.1 | 5000.5 | 4754.3 | 4488.4 | 4209.6 | 3915.9 | 3605.5 | 3313.4 | 3019.9 | 2726.0 |
| -60° | 4595.0 | 4409.1 | 4209.6 | 3991.8 | 3756.2 | 3506.5 | 3275.0 | 3030.0 | 2772.4 | 2562.4 | 2345.1 |
| -62.5° | 3776.1 | 3612.9 | 3445.1 | 3275.0 | 3090.8 | 2893.2 | 2701.5 | 2529.1 | 2347.5 | 2161.0 | 1995.5 |
| -65° | 3038.6 | 2912.3 | 2772.4 | 2652.6 | 2524.3 | 2386.5 | 2239.5 | 2099.7 | 1962.7 | 1819.1 | 1673.6 |
| -67.5° | 2432.1 | 2345.1 | 2248.7 | 2149.2 | 2053.7 | 1951.0 | 1841.4 | 1725.1 | 1620.9 | 1519.1 | 1412.6 |
| -70° | 1934.9 | 1871.0 | 1800.1 | 1722.4 | 1649.2 | 1577.4 | 1500.8 | 1419.5 | 1333.6 | 1258.0 | 1186.1 |
| -72.5° | 1523.0 | 1479.1 | 1430.4 | 1377.0 | 1319.1 | 1268.1 | 1217.3 | 1163.4 | 1106.4 | 1046.5 | 986.9 |
| -75° | 1195.6 | 1167.2 | 1135.6 | 1101.0 | 1063.4 | 1022.9 | 983.2 | 942.6 | 899.7 | 854.5 | 807.3 |
| -77.5° | 930.7 | 910.0 | 886.9 | 861.6 | 834.1 | 804.4 | 772.7 | 738.5 | 701.1 | 661.8 | 620.6 |
| -80° | 684.5 | 667.2 | 647.9 | 626.8 | 603.8 | 579.1 | 552.6 | 524.4 | 494.6 | 464.6 | 434.8 |
| -82.5° | 434.0 | 422.2 | 409.2 | 394.8 | 379.2 | 362.4 | 344.4 | 325.2 | 304.9 | 283.6 | 261.2 |
| -85° | 211.5 | 206.1 | 200.1 | 193.6 | 186.5 | 178.8 | 170.5 | 161.8 | 152.5 | 142.7 | 132.5 |
| -87.5° | 58.6 | 57.6 | 56.6 | 55.3 | 54.0 | 52.6 | 51.1 | 49.5 | 47.8 | 46.0 | 44.1 |
| -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: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 42.1 | 40.1 | 38.0 | 35.8 | 33.5 | 31.2 | 28.8 | 26.4 | 23.9 | 21.3 | 18.8 |
| 85° | 121.8 | 110.7 | 99.1 | 87.2 | 74.9 | 62.3 | 57.6 | 52.7 | 47.7 | 42.6 | 37.5 |
| 82.5° | 237.8 | 219.3 | 202.0 | 184.1 | 165.6 | 146.7 | 127.2 | 107.3 | 87.0 | 66.4 | 56.1 |
| 80° | 403.6 | 371.1 | 337.5 | 302.7 | 266.9 | 230.7 | 204.8 | 178.3 | 151.3 | 123.8 | 95.9 |
| 77.5° | 577.6 | 533.0 | 486.7 | 442.5 | 397.7 | 351.8 | 304.7 | 256.5 | 215.1 | 180.8 | 146.0 |
| 75° | 758.0 | 704.7 | 649.1 | 591.7 | 532.6 | 472.5 | 416.1 | 358.4 | 299.6 | 239.8 | 195.6 |
| 72.5° | 929.3 | 869.5 | 807.6 | 743.3 | 674.4 | 603.6 | 531.2 | 459.3 | 390.8 | 321.2 | 250.6 |
| 70° | 1111.3 | 1033.6 | 960.0 | 887.0 | 811.8 | 734.0 | 651.4 | 567.1 | 481.2 | 401.6 | 321.2 |
| 67.5° | 1302.4 | 1214.9 | 1124.5 | 1031.2 | 944.3 | 857.7 | 769.1 | 675.4 | 579.0 | 481.2 | 390.8 |
| 65° | 1550.2 | 1422.3 | 1293.6 | 1190.0 | 1083.6 | 978.9 | 880.7 | 780.6 | 675.4 | 567.1 | 459.3 |
| 62.5° | 1823.4 | 1654.8 | 1509.4 | 1359.8 | 1229.6 | 1110.0 | 990.5 | 880.7 | 769.1 | 651.4 | 531.2 |
| 60° | 2129.6 | 1934.9 | 1734.2 | 1562.0 | 1394.7 | 1242.9 | 1110.0 | 978.9 | 857.7 | 734.0 | 603.6 |
| 57.5° | 2481.0 | 2227.8 | 2002.3 | 1778.9 | 1579.6 | 1394.7 | 1229.6 | 1083.6 | 944.3 | 811.8 | 674.4 |
| 55° | 2856.7 | 2563.1 | 2282.3 | 2024.9 | 1778.9 | 1562.0 | 1359.8 | 1190.0 | 1031.2 | 887.0 | 743.3 |
| 52.5° | 3307.3 | 2928.5 | 2590.6 | 2282.3 | 2002.3 | 1734.2 | 1509.4 | 1293.6 | 1124.5 | 960.0 | 807.6 |
| 50° | 3784.2 | 3343.6 | 2928.5 | 2563.1 | 2227.8 | 1934.9 | 1654.8 | 1422.3 | 1214.9 | 1033.6 | 869.5 |
| 47.5° | 4283.6 | 3784.2 | 3307.3 | 2856.7 | 2481.0 | 2129.6 | 1823.4 | 1550.2 | 1302.4 | 1111.3 | 929.3 |
| 45° | 4780.9 | 4240.5 | 3699.1 | 3198.9 | 2726.0 | 2345.1 | 1995.5 | 1673.6 | 1412.6 | 1186.1 | 986.9 |
| 42.5° | 5266.8 | 4691.0 | 4111.7 | 3530.1 | 3019.9 | 2562.4 | 2161.0 | 1819.1 | 1519.1 | 1258.0 | 1046.5 |
| 40° | 5717.6 | 5130.4 | 4512.4 | 3899.1 | 3313.4 | 2772.4 | 2347.5 | 1962.7 | 1620.9 | 1333.6 | 1106.4 |
| 37.5° | 6149.4 | 5542.0 | 4905.4 | 4252.5 | 3605.5 | 3030.0 | 2529.1 | 2099.7 | 1725.1 | 1419.5 | 1163.4 |
| 35° | 6518.9 | 5927.7 | 5280.5 | 4595.0 | 3915.9 | 3275.0 | 2701.5 | 2239.5 | 1841.4 | 1500.8 | 1217.3 |
| 32.5° | 6867.4 | 6281.3 | 5622.3 | 4924.1 | 4209.6 | 3506.5 | 2893.2 | 2386.5 | 1951.0 | 1577.4 | 1268.1 |
| 30° | 7172.9 | 6587.9 | 5943.2 | 5234.1 | 4488.4 | 3756.2 | 3090.8 | 2524.3 | 2053.7 | 1649.2 | 1319.1 |
| 27.5° | 7452.5 | 6875.4 | 6236.5 | 5514.5 | 4754.3 | 3991.8 | 3275.0 | 2652.6 | 2149.2 | 1722.4 | 1377.0 |
| 25° | 7706.0 | 7123.7 | 6483.3 | 5771.3 | 5000.5 | 4209.6 | 3445.1 | 2772.4 | 2248.7 | 1800.1 | 1430.4 |
| 22.5° | 7922.7 | 7345.6 | 6710.1 | 6006.8 | 5226.1 | 4409.1 | 3612.9 | 2912.3 | 2345.1 | 1871.0 | 1479.1 |
| 20° | 8120.0 | 7547.3 | 6915.9 | 6215.7 | 5425.2 | 4595.0 | 3776.1 | 3038.6 | 2432.1 | 1934.9 | 1523.0 |
| 17.5° | 8294.6 | 7719.5 | 7085.1 | 6384.4 | 5599.3 | 4760.7 | 3921.4 | 3151.0 | 2509.5 | 1991.7 | 1562.0 |
| 15° | 8437.6 | 7862.6 | 7230.6 | 6532.1 | 5751.6 | 4905.4 | 4048.3 | 3249.1 | 2577.0 | 2041.2 | 1596.0 |
| 12.5° | 8560.2 | 7985.0 | 7355.0 | 6658.1 | 5881.5 | 5028.8 | 4156.4 | 3332.6 | 2634.4 | 2083.4 | 1624.9 |
| 10° | 8661.5 | 8086.1 | 7457.6 | 6762.1 | 5988.6 | 5130.4 | 4245.4 | 3401.3 | 2681.6 | 2118.0 | 1648.6 |
| 7.5° | 8741.1 | 8165.4 | 7538.0 | 6843.5 | 6072.3 | 5209.9 | 4314.8 | 3454.9 | 2718.4 | 2145.0 | 1667.1 |
| 5° | 8798.2 | 8222.3 | 7595.7 | 6901.8 | 6132.3 | 5266.8 | 4364.7 | 3493.4 | 2744.8 | 2164.4 | 1680.4 |
| 2.5° | 8832.7 | 8256.6 | 7630.4 | 6937.0 | 6168.4 | 5301.1 | 4394.6 | 3516.5 | 2760.7 | 2176.0 | 1688.3 |
| 0° | 8844.2 | 8268.1 | 7642.0 | 6948.7 | 6180.5 | 5312.5 | 4404.6 | 3524.2 | 2766.0 | 2179.9 | 1691.0 |
| -2.5° | 8832.7 | 8256.6 | 7630.4 | 6937.0 | 6168.4 | 5301.1 | 4394.6 | 3516.5 | 2760.7 | 2176.0 | 1688.3 |
| -5° | 8798.2 | 8222.3 | 7595.7 | 6901.8 | 6132.3 | 5266.8 | 4364.7 | 3493.4 | 2744.8 | 2164.4 | 1680.4 |
| -7.5° | 8741.1 | 8165.4 | 7538.0 | 6843.5 | 6072.3 | 5209.9 | 4314.8 | 3454.9 | 2718.4 | 2145.0 | 1667.1 |
| -10° | 8661.5 | 8086.1 | 7457.6 | 6762.1 | 5988.6 | 5130.4 | 4245.4 | 3401.3 | 2681.6 | 2118.0 | 1648.6 |
| -12.5° | 8560.2 | 7985.0 | 7355.0 | 6658.1 | 5881.5 | 5028.8 | 4156.4 | 3332.6 | 2634.4 | 2083.4 | 1624.9 |
| -15° | 8437.6 | 7862.6 | 7230.6 | 6532.1 | 5751.6 | 4905.4 | 4048.3 | 3249.1 | 2577.0 | 2041.2 | 1596.0 |
| -17.5° | 8294.6 | 7719.5 | 7085.1 | 6384.4 | 5599.3 | 4760.7 | 3921.4 | 3151.0 | 2509.5 | 1991.7 | 1562.0 |
| -20° | 8120.0 | 7547.3 | 6915.9 | 6215.7 | 5425.2 | 4595.0 | 3776.1 | 3038.6 | 2432.1 | 1934.9 | 1523.0 |



REPORT NUMBER: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 7922.7 | 7345.6 | 6710.1 | 6006.8 | 5226.1 | 4409.1 | 3612.9 | 2912.3 | 2345.1 | 1871.0 | 1479.1 |
| -25° | 7706.0 | 7123.7 | 6483.3 | 5771.3 | 5000.5 | 4209.6 | 3445.1 | 2772.4 | 2248.7 | 1800.1 | 1430.4 |
| -27.5° | 7452.5 | 6875.4 | 6236.5 | 5514.5 | 4754.3 | 3991.8 | 3275.0 | 2652.6 | 2149.2 | 1722.4 | 1377.0 |
| -30° | 7172.9 | 6587.9 | 5943.2 | 5234.1 | 4488.4 | 3756.2 | 3090.8 | 2524.3 | 2053.7 | 1649.2 | 1319.1 |
| -32.5° | 6867.4 | 6281.3 | 5622.3 | 4924.1 | 4209.6 | 3506.5 | 2893.2 | 2386.5 | 1951.0 | 1577.4 | 1268.1 |
| -35° | 6518.9 | 5927.7 | 5280.5 | 4595.0 | 3915.9 | 3275.0 | 2701.5 | 2239.5 | 1841.4 | 1500.8 | 1217.3 |
| -37.5° | 6149.4 | 5542.0 | 4905.4 | 4252.5 | 3605.5 | 3030.0 | 2529.1 | 2099.7 | 1725.1 | 1419.5 | 1163.4 |
| -40° | 5717.6 | 5130.4 | 4512.4 | 3899.1 | 3313.4 | 2772.4 | 2347.5 | 1962.7 | 1620.9 | 1333.6 | 1106.4 |
| -42.5° | 5266.8 | 4691.0 | 4111.7 | 3530.1 | 3019.9 | 2562.4 | 2161.0 | 1819.1 | 1519.1 | 1258.0 | 1046.5 |
| -45° | 4780.9 | 4240.5 | 3699.1 | 3198.9 | 2726.0 | 2345.1 | 1995.5 | 1673.6 | 1412.6 | 1186.1 | 986.9 |
| -47.5° | 4283.6 | 3784.2 | 3307.3 | 2856.7 | 2481.0 | 2129.6 | 1823.4 | 1550.2 | 1302.4 | 1111.3 | 929.3 |
| -50° | 3784.2 | 3343.6 | 2928.5 | 2563.1 | 2227.8 | 1934.9 | 1654.8 | 1422.3 | 1214.9 | 1033.6 | 869.5 |
| -52.5° | 3307.3 | 2928.5 | 2590.6 | 2282.3 | 2002.3 | 1734.2 | 1509.4 | 1293.6 | 1124.5 | 960.0 | 807.6 |
| -55° | 2856.7 | 2563.1 | 2282.3 | 2024.9 | 1778.9 | 1562.0 | 1359.8 | 1190.0 | 1031.2 | 887.0 | 743.3 |
| -57.5° | 2481.0 | 2227.8 | 2002.3 | 1778.9 | 1579.6 | 1394.7 | 1229.6 | 1083.6 | 944.3 | 811.8 | 674.4 |
| -60° | 2129.6 | 1934.9 | 1734.2 | 1562.0 | 1394.7 | 1242.9 | 1110.0 | 978.9 | 857.7 | 734.0 | 603.6 |
| -62.5° | 1823.4 | 1654.8 | 1509.4 | 1359.8 | 1229.6 | 1110.0 | 990.5 | 880.7 | 769.1 | 651.4 | 531.2 |
| -65° | 1550.2 | 1422.3 | 1293.6 | 1190.0 | 1083.6 | 978.9 | 880.7 | 780.6 | 675.4 | 567.1 | 459.3 |
| -67.5° | 1302.4 | 1214.9 | 1124.5 | 1031.2 | 944.3 | 857.7 | 769.1 | 675.4 | 579.0 | 481.2 | 390.8 |
| -70° | 1111.3 | 1033.6 | 960.0 | 887.0 | 811.8 | 734.0 | 651.4 | 567.1 | 481.2 | 401.6 | 321.2 |
| -72.5° | 929.3 | 869.5 | 807.6 | 743.3 | 674.4 | 603.6 | 531.2 | 459.3 | 390.8 | 321.2 | 250.6 |
| -75° | 758.0 | 704.7 | 649.1 | 591.7 | 532.6 | 472.5 | 416.1 | 358.4 | 299.6 | 239.8 | 195.6 |
| -77.5° | 577.6 | 533.0 | 486.7 | 442.5 | 397.7 | 351.8 | 304.7 | 256.5 | 215.1 | 180.8 | 146.0 |
| -80° | 403.6 | 371.1 | 337.5 | 302.7 | 266.9 | 230.7 | 204.8 | 178.3 | 151.3 | 123.8 | 95.9 |
| -82.5° | 237.8 | 219.3 | 202.0 | 184.1 | 165.6 | 146.7 | 127.2 | 107.3 | 87.0 | 66.4 | 56.1 |
| -85° | 121.8 | 110.7 | 99.1 | 87.2 | 74.9 | 62.3 | 57.6 | 52.7 | 47.7 | 42.6 | 37.5 |
| -87.5° | 42.1 | 40.1 | 38.0 | 35.8 | 33.5 | 31.2 | 28.8 | 26.4 | 23.9 | 21.3 | 18.8 |
| -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: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-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° | 16.1 | 13.5 | 10.8 | 8.1 | 5.4 | 2.7 | 0.0 |
| 85° | 32.3 | 27.0 | 21.6 | 16.3 | 10.9 | 5.4 | 0.0 |
| 82.5° | 48.3 | 40.4 | 32.4 | 24.4 | 16.3 | 8.1 | 0.0 |
| 80° | 67.6 | 53.8 | 43.1 | 32.4 | 21.6 | 10.8 | 0.0 |
| 77.5° | 110.7 | 75.0 | 53.8 | 40.4 | 27.0 | 13.5 | 0.0 |
| 75° | 153.4 | 110.7 | 67.6 | 48.3 | 32.3 | 16.1 | 0.0 |
| 72.5° | 195.6 | 146.0 | 95.9 | 56.1 | 37.5 | 18.8 | 0.0 |
| 70° | 239.8 | 180.8 | 123.8 | 66.4 | 42.6 | 21.3 | 0.0 |
| 67.5° | 299.6 | 215.1 | 151.3 | 87.0 | 47.7 | 23.9 | 0.0 |
| 65° | 358.4 | 256.5 | 178.3 | 107.3 | 52.7 | 26.4 | 0.0 |
| 62.5° | 416.1 | 304.7 | 204.8 | 127.2 | 57.6 | 28.8 | 0.0 |
| 60° | 472.5 | 351.8 | 230.7 | 146.7 | 62.3 | 31.2 | 0.0 |
| 57.5° | 532.6 | 397.7 | 266.9 | 165.6 | 74.9 | 33.5 | 0.0 |
| 55° | 591.7 | 442.5 | 302.7 | 184.1 | 87.2 | 35.8 | 0.0 |
| 52.5° | 649.1 | 486.7 | 337.5 | 202.0 | 99.1 | 38.0 | 0.0 |
| 50° | 704.7 | 533.0 | 371.1 | 219.3 | 110.7 | 40.1 | 0.0 |
| 47.5° | 758.0 | 577.6 | 403.6 | 237.8 | 121.8 | 42.1 | 0.0 |
| 45° | 807.3 | 620.6 | 434.8 | 261.2 | 132.5 | 44.1 | 0.0 |
| 42.5° | 854.5 | 661.8 | 464.6 | 283.6 | 142.7 | 46.0 | 0.0 |
| 40° | 899.7 | 701.1 | 494.6 | 304.9 | 152.5 | 47.8 | 0.0 |
| 37.5° | 942.6 | 738.5 | 524.4 | 325.2 | 161.8 | 49.5 | 0.0 |
| 35° | 983.2 | 772.7 | 552.6 | 344.4 | 170.5 | 51.1 | 0.0 |
| 32.5° | 1022.9 | 804.4 | 579.1 | 362.4 | 178.8 | 52.6 | 0.0 |
| 30° | 1063.4 | 834.1 | 603.8 | 379.2 | 186.5 | 54.0 | 0.0 |
| 27.5° | 1101.0 | 861.6 | 626.8 | 394.8 | 193.6 | 55.3 | 0.0 |
| 25° | 1135.6 | 886.9 | 647.9 | 409.2 | 200.1 | 56.6 | 0.0 |
| 22.5° | 1167.2 | 910.0 | 667.2 | 422.2 | 206.1 | 57.6 | 0.0 |
| 20° | 1195.6 | 930.7 | 684.5 | 434.0 | 211.5 | 58.6 | 0.0 |
| 17.5° | 1220.9 | 949.2 | 699.9 | 444.4 | 216.3 | 59.5 | 0.0 |
| 15° | 1242.9 | 965.2 | 713.3 | 453.5 | 220.4 | 60.3 | 0.0 |
| 12.5° | 1261.6 | 978.9 | 724.7 | 461.2 | 223.9 | 60.9 | 0.0 |
| 10° | 1277.0 | 990.1 | 734.0 | 467.6 | 226.8 | 61.5 | 0.0 |
| 7.5° | 1288.9 | 998.8 | 741.3 | 472.5 | 229.1 | 61.9 | 0.0 |
| 5° | 1297.5 | 1005.1 | 746.5 | 476.1 | 230.7 | 62.2 | 0.0 |
| 2.5° | 1302.7 | 1008.8 | 749.7 | 478.2 | 231.7 | 62.3 | 0.0 |
| 0° | 1304.4 | 1010.1 | 750.7 | 478.9 | 232.0 | 62.4 | 0.0 |
| -2.5° | 1302.7 | 1008.8 | 749.7 | 478.2 | 231.7 | 62.3 | 0.0 |
| -5° | 1297.5 | 1005.1 | 746.5 | 476.1 | 230.7 | 62.2 | 0.0 |
| -7.5° | 1288.9 | 998.8 | 741.3 | 472.5 | 229.1 | 61.9 | 0.0 |
| -10° | 1277.0 | 990.1 | 734.0 | 467.6 | 226.8 | 61.5 | 0.0 |
| -12.5° | 1261.6 | 978.9 | 724.7 | 461.2 | 223.9 | 60.9 | 0.0 |
| -15° | 1242.9 | 965.2 | 713.3 | 453.5 | 220.4 | 60.3 | 0.0 |
| -17.5° | 1220.9 | 949.2 | 699.9 | 444.4 | 216.3 | 59.5 | 0.0 |
| -20° | 1195.6 | 930.7 | 684.5 | 434.0 | 211.5 | 58.6 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645496 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|-------|-------|-------|-------|-------|-----|
| -22.5° | 1167.2 | 910.0 | 667.2 | 422.2 | 206.1 | 57.6 | 0.0 |
| -25° | 1135.6 | 886.9 | 647.9 | 409.2 | 200.1 | 56.6 | 0.0 |
| -27.5° | 1101.0 | 861.6 | 626.8 | 394.8 | 193.6 | 55.3 | 0.0 |
| -30° | 1063.4 | 834.1 | 603.8 | 379.2 | 186.5 | 54.0 | 0.0 |
| -32.5° | 1022.9 | 804.4 | 579.1 | 362.4 | 178.8 | 52.6 | 0.0 |
| -35° | 983.2 | 772.7 | 552.6 | 344.4 | 170.5 | 51.1 | 0.0 |
| -37.5° | 942.6 | 738.5 | 524.4 | 325.2 | 161.8 | 49.5 | 0.0 |
| -40° | 899.7 | 701.1 | 494.6 | 304.9 | 152.5 | 47.8 | 0.0 |
| -42.5° | 854.5 | 661.8 | 464.6 | 283.6 | 142.7 | 46.0 | 0.0 |
| -45° | 807.3 | 620.6 | 434.8 | 261.2 | 132.5 | 44.1 | 0.0 |
| -47.5° | 758.0 | 577.6 | 403.6 | 237.8 | 121.8 | 42.1 | 0.0 |
| -50° | 704.7 | 533.0 | 371.1 | 219.3 | 110.7 | 40.1 | 0.0 |
| -52.5° | 649.1 | 486.7 | 337.5 | 202.0 | 99.1 | 38.0 | 0.0 |
| -55° | 591.7 | 442.5 | 302.7 | 184.1 | 87.2 | 35.8 | 0.0 |
| -57.5° | 532.6 | 397.7 | 266.9 | 165.6 | 74.9 | 33.5 | 0.0 |
| -60° | 472.5 | 351.8 | 230.7 | 146.7 | 62.3 | 31.2 | 0.0 |
| -62.5° | 416.1 | 304.7 | 204.8 | 127.2 | 57.6 | 28.8 | 0.0 |
| -65° | 358.4 | 256.5 | 178.3 | 107.3 | 52.7 | 26.4 | 0.0 |
| -67.5° | 299.6 | 215.1 | 151.3 | 87.0 | 47.7 | 23.9 | 0.0 |
| -70° | 239.8 | 180.8 | 123.8 | 66.4 | 42.6 | 21.3 | 0.0 |
| -72.5° | 195.6 | 146.0 | 95.9 | 56.1 | 37.5 | 18.8 | 0.0 |
| -75° | 153.4 | 110.7 | 67.6 | 48.3 | 32.3 | 16.1 | 0.0 |
| -77.5° | 110.7 | 75.0 | 53.8 | 40.4 | 27.0 | 13.5 | 0.0 |
| -80° | 67.6 | 53.8 | 43.1 | 32.4 | 21.6 | 10.8 | 0.0 |
| -82.5° | 48.3 | 40.4 | 32.4 | 24.4 | 16.3 | 8.1 | 0.0 |
| -85° | 32.3 | 27.0 | 21.6 | 16.3 | 10.9 | 5.4 | 0.0 |
| -87.5° | 16.1 | 13.5 | 10.8 | 8.1 | 5.4 | 2.7 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)