

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: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6E-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645588 (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-SA6E-730-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

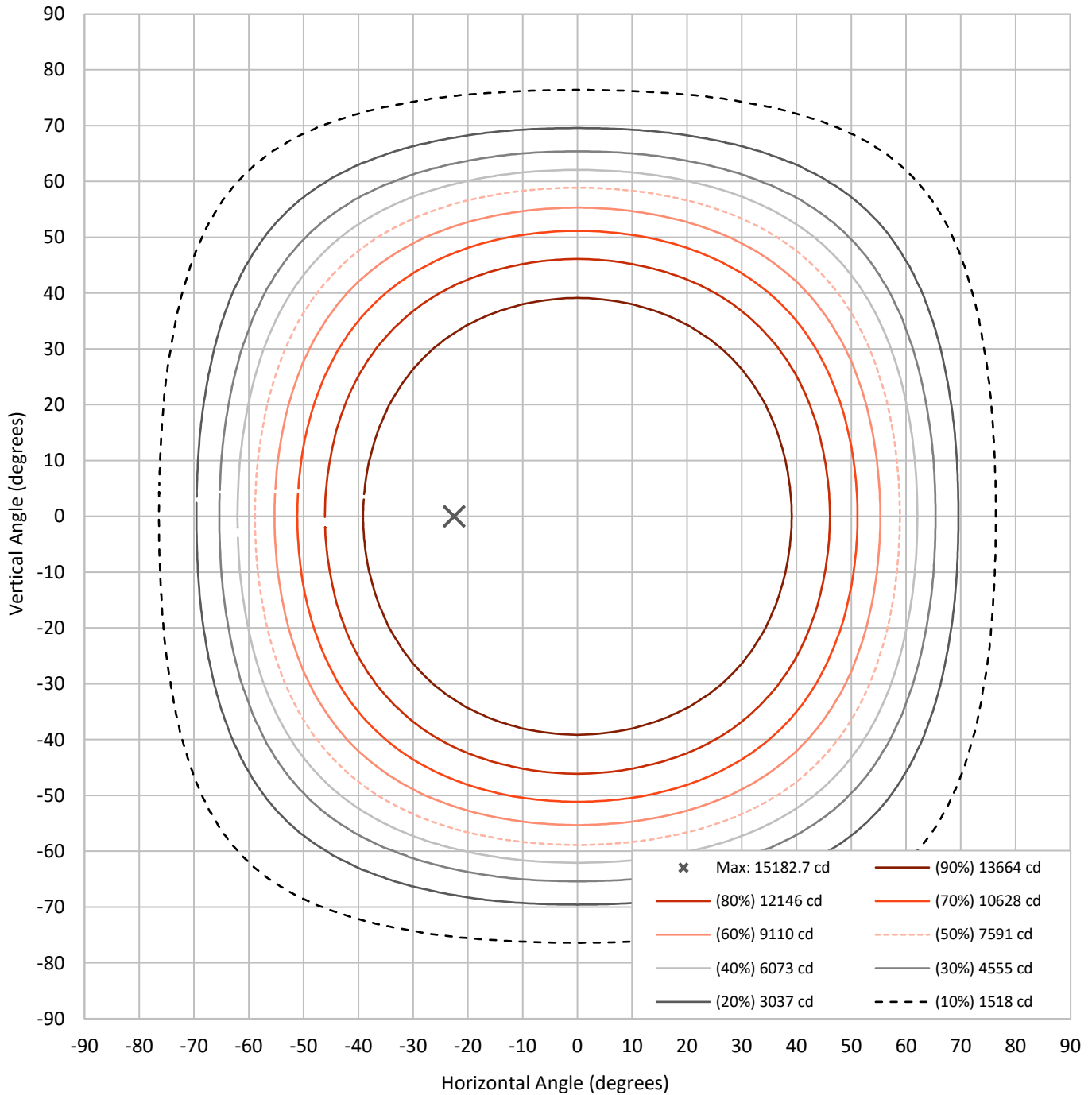
Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 46444.8 lumens | Max Intensity: | 15182.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | -22.5°H x 0°V |
| Efficacy: | 123.3 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' 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: | 38652.2 lumens | Field Lumens: | 45531.3 lumens |
| Beam Efficiency: | 83.2% | Field Efficiency: | 98.0% |
| Input Watts (W): | 376.7 | | |
| 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-SA6E-730-U-LAM-XX

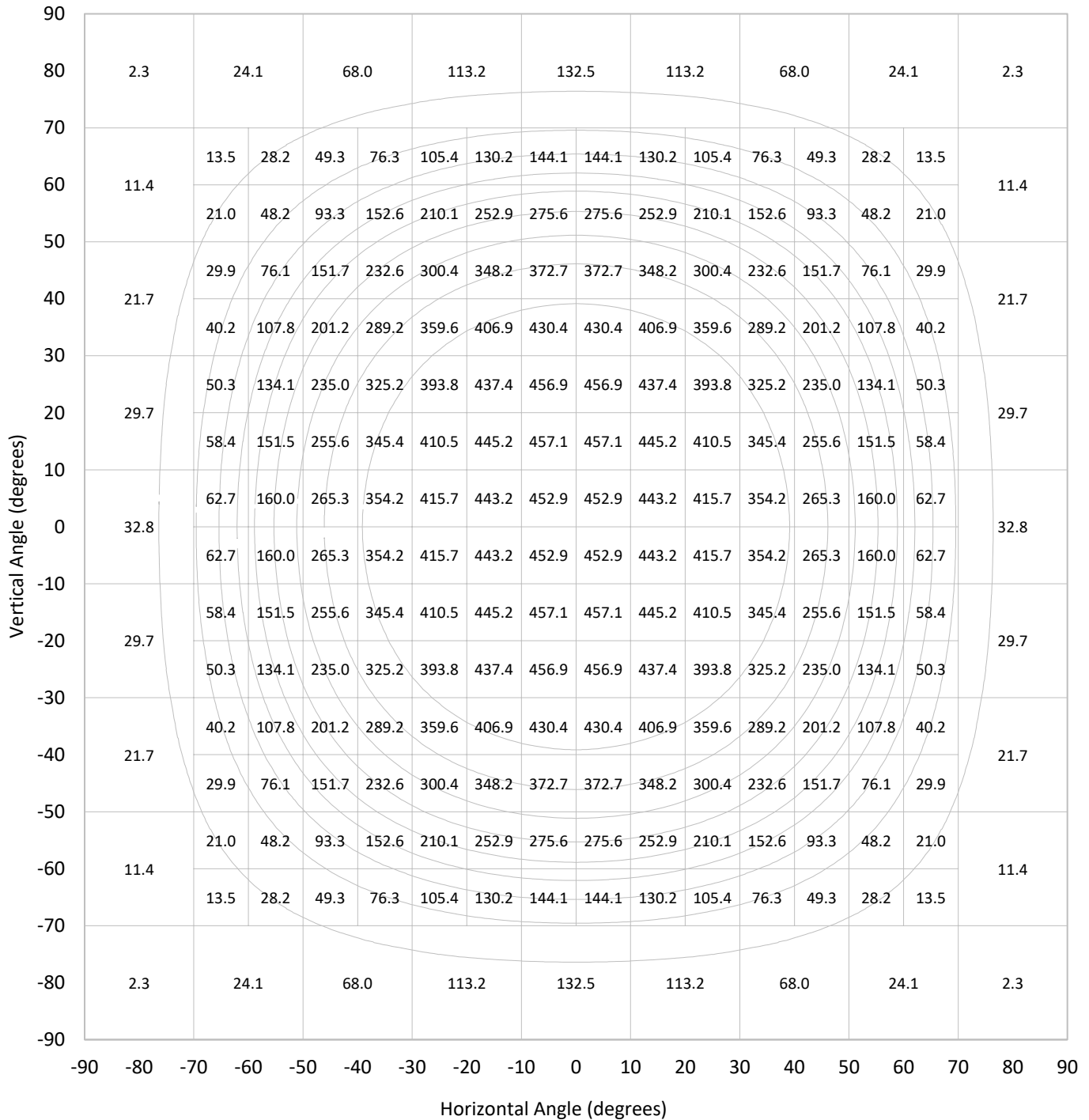
Iso-Candela Plot





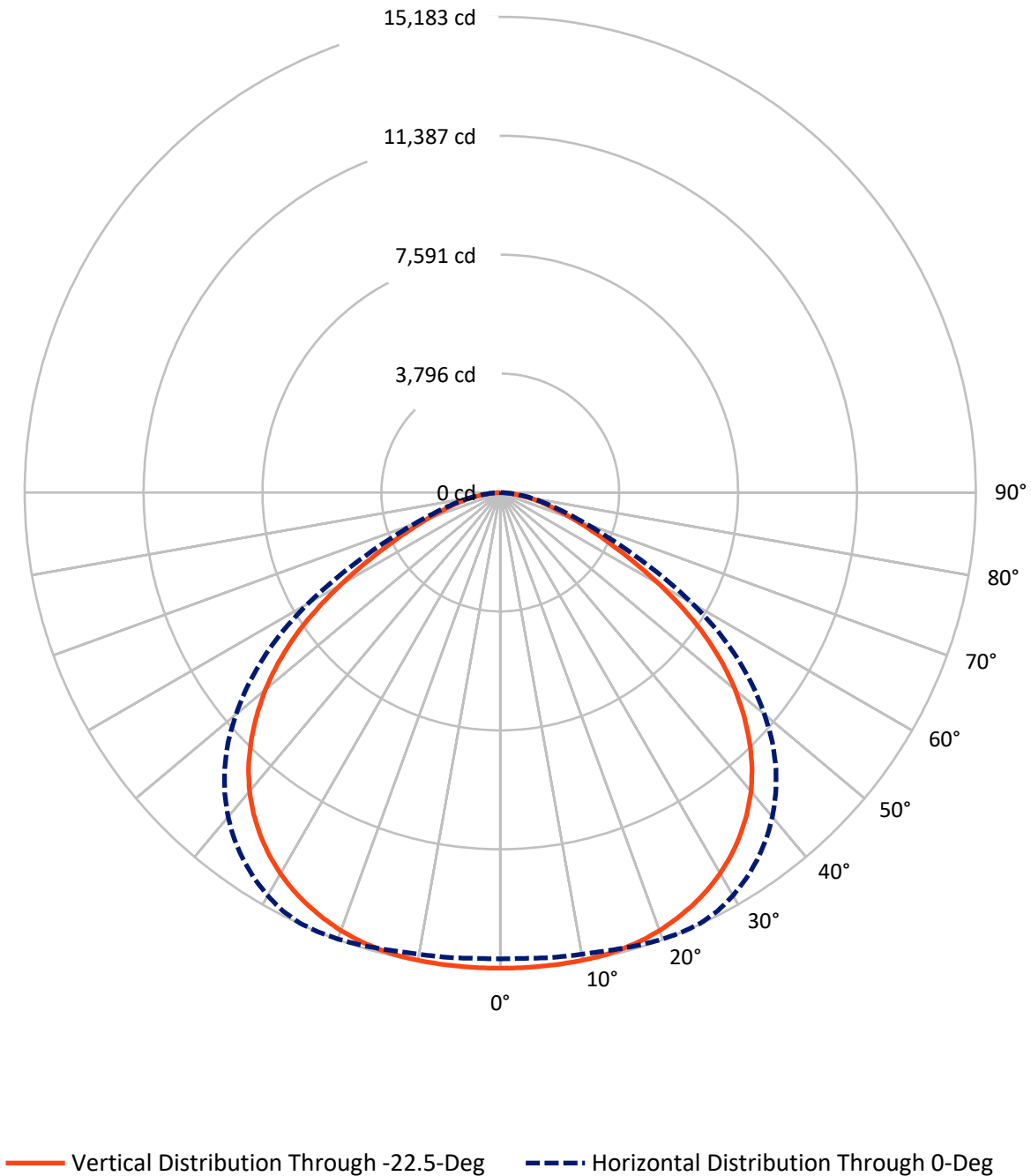
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Lumen Table



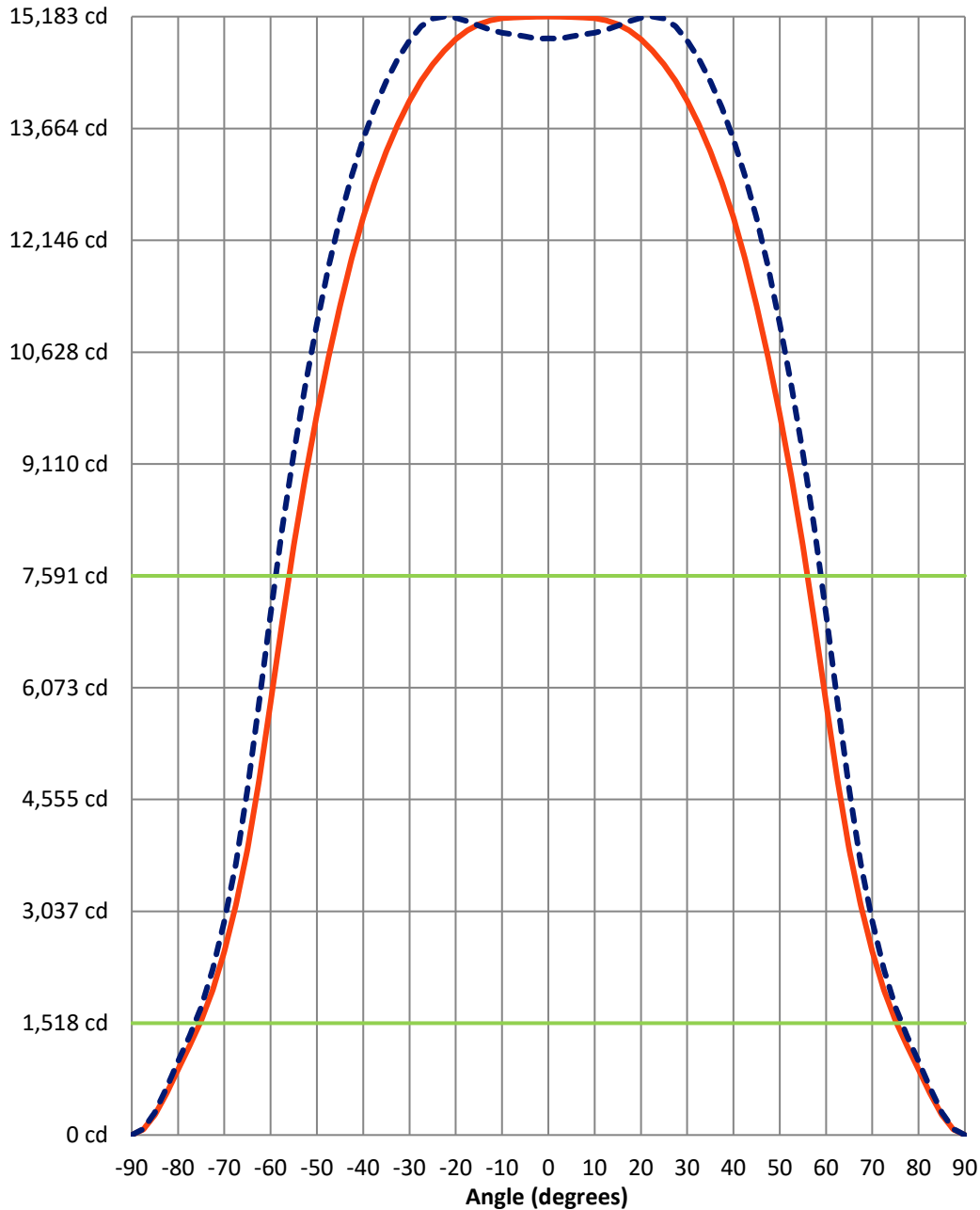
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CATALOG NUMBER: GFLD-SA6E-730-U-LAM-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 38652.2
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 45531.3
 Efficiency: 98.0%

Spill:
 Lumens: 913.5
 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 | 3.6 | 7.2 | 10.8 | 14.4 | 18.0 | 21.5 | 25.0 | 28.4 | 31.8 | 35.1 |
| 85° | 0.0 | 7.2 | 14.5 | 21.7 | 28.8 | 35.9 | 43.0 | 49.9 | 56.8 | 63.5 | 70.2 |
| 82.5° | 0.0 | 10.8 | 21.7 | 32.4 | 43.2 | 53.8 | 64.4 | 74.8 | 88.4 | 115.9 | 142.9 |
| 80° | 0.0 | 14.4 | 28.8 | 43.2 | 57.4 | 71.6 | 90.0 | 127.7 | 164.9 | 201.5 | 237.5 |
| 77.5° | 0.0 | 18.0 | 35.9 | 53.8 | 71.6 | 99.8 | 147.4 | 194.4 | 240.8 | 286.5 | 341.7 |
| 75° | 0.0 | 21.5 | 43.0 | 64.4 | 90.0 | 147.4 | 204.3 | 260.5 | 319.3 | 399.0 | 477.4 |
| 72.5° | 0.0 | 25.0 | 49.9 | 74.8 | 127.7 | 194.4 | 260.5 | 333.7 | 427.8 | 520.5 | 611.7 |
| 70° | 0.0 | 28.4 | 56.8 | 88.4 | 164.9 | 240.8 | 319.3 | 427.8 | 535.0 | 640.9 | 755.3 |
| 67.5° | 0.0 | 31.8 | 63.5 | 115.9 | 201.5 | 286.5 | 399.0 | 520.5 | 640.9 | 771.3 | 899.7 |
| 65° | 0.0 | 35.1 | 70.2 | 142.9 | 237.5 | 341.7 | 477.4 | 611.7 | 755.3 | 899.7 | 1039.9 |
| 62.5° | 0.0 | 38.4 | 76.7 | 169.4 | 272.8 | 405.8 | 554.2 | 707.6 | 867.7 | 1024.6 | 1173.2 |
| 60° | 0.0 | 41.5 | 83.0 | 195.3 | 307.3 | 468.5 | 629.4 | 804.1 | 977.8 | 1142.5 | 1303.9 |
| 57.5° | 0.0 | 44.6 | 99.7 | 220.6 | 355.5 | 529.8 | 709.4 | 898.3 | 1081.4 | 1257.8 | 1443.5 |
| 55° | 0.0 | 47.7 | 116.1 | 245.2 | 403.2 | 589.4 | 788.1 | 990.1 | 1181.5 | 1373.7 | 1585.2 |
| 52.5° | 0.0 | 50.6 | 132.0 | 269.0 | 449.5 | 648.2 | 864.6 | 1075.7 | 1278.8 | 1497.8 | 1723.1 |
| 50° | 0.0 | 53.4 | 147.4 | 292.1 | 494.3 | 709.9 | 938.7 | 1158.2 | 1376.9 | 1618.3 | 1894.6 |
| 47.5° | 0.0 | 56.1 | 162.2 | 316.8 | 537.5 | 769.4 | 1009.7 | 1237.9 | 1480.3 | 1734.9 | 2065.0 |
| 45° | 0.0 | 58.8 | 176.5 | 347.9 | 579.1 | 826.7 | 1075.4 | 1314.6 | 1580.0 | 1881.7 | 2229.4 |
| 42.5° | 0.0 | 61.3 | 190.1 | 377.7 | 618.9 | 881.6 | 1138.3 | 1394.0 | 1675.7 | 2023.5 | 2423.1 |
| 40° | 0.0 | 63.6 | 203.1 | 406.2 | 658.8 | 933.9 | 1198.4 | 1473.7 | 1776.4 | 2159.1 | 2614.4 |
| 37.5° | 0.0 | 65.9 | 215.5 | 433.2 | 698.5 | 983.7 | 1255.5 | 1549.6 | 1890.8 | 2297.9 | 2796.8 |
| 35° | 0.0 | 68.1 | 227.1 | 458.7 | 736.1 | 1029.3 | 1309.6 | 1621.5 | 1999.1 | 2452.7 | 2983.0 |
| 32.5° | 0.0 | 70.1 | 238.1 | 482.7 | 771.4 | 1071.6 | 1362.5 | 1689.1 | 2101.2 | 2598.7 | 3178.8 |
| 30° | 0.0 | 72.0 | 248.3 | 505.1 | 804.3 | 1111.1 | 1416.5 | 1757.1 | 2196.8 | 2735.5 | 3362.4 |
| 27.5° | 0.0 | 73.7 | 257.8 | 525.9 | 834.9 | 1147.7 | 1466.6 | 1834.3 | 2294.3 | 2862.7 | 3533.3 |
| 25° | 0.0 | 75.3 | 266.6 | 545.0 | 863.1 | 1181.4 | 1512.7 | 1905.4 | 2397.8 | 2995.3 | 3692.9 |
| 22.5° | 0.0 | 76.8 | 274.5 | 562.4 | 888.7 | 1212.1 | 1554.7 | 1970.3 | 2492.2 | 3123.7 | 3879.3 |
| 20° | 0.0 | 78.1 | 281.7 | 578.1 | 911.8 | 1239.8 | 1592.6 | 2028.7 | 2577.3 | 3239.6 | 4047.5 |
| 17.5° | 0.0 | 79.3 | 288.0 | 592.0 | 932.3 | 1264.3 | 1626.3 | 2080.6 | 2653.0 | 3342.7 | 4197.2 |
| 15° | 0.0 | 80.3 | 293.6 | 604.1 | 950.2 | 1285.7 | 1655.6 | 2125.9 | 2718.9 | 3432.6 | 4327.9 |
| 12.5° | 0.0 | 81.1 | 298.3 | 614.4 | 965.3 | 1303.9 | 1680.5 | 2164.4 | 2775.1 | 3509.1 | 4439.1 |
| 10° | 0.0 | 81.8 | 302.1 | 622.8 | 977.8 | 1318.8 | 1700.9 | 2196.0 | 2821.2 | 3571.9 | 4530.6 |
| 7.5° | 0.0 | 82.4 | 305.1 | 629.4 | 987.5 | 1330.5 | 1716.9 | 2220.7 | 2857.2 | 3621.0 | 4602.1 |
| 5° | 0.0 | 82.8 | 307.3 | 634.1 | 994.4 | 1338.8 | 1728.3 | 2238.3 | 2882.9 | 3656.2 | 4653.2 |
| 2.5° | 0.0 | 83.0 | 308.6 | 637.0 | 998.6 | 1343.8 | 1735.2 | 2249.0 | 2898.4 | 3677.3 | 4684.0 |
| 0° | 0.0 | 83.1 | 309.0 | 637.9 | 1000.0 | 1345.5 | 1737.5 | 2252.5 | 2903.6 | 3684.4 | 4694.3 |
| -2.5° | 0.0 | 83.0 | 308.6 | 637.0 | 998.6 | 1343.8 | 1735.2 | 2249.0 | 2898.4 | 3677.3 | 4684.0 |
| -5° | 0.0 | 82.8 | 307.3 | 634.1 | 994.4 | 1338.8 | 1728.3 | 2238.3 | 2882.9 | 3656.2 | 4653.2 |
| -7.5° | 0.0 | 82.4 | 305.1 | 629.4 | 987.5 | 1330.5 | 1716.9 | 2220.7 | 2857.2 | 3621.0 | 4602.1 |
| -10° | 0.0 | 81.8 | 302.1 | 622.8 | 977.8 | 1318.8 | 1700.9 | 2196.0 | 2821.2 | 3571.9 | 4530.6 |
| -12.5° | 0.0 | 81.1 | 298.3 | 614.4 | 965.3 | 1303.9 | 1680.5 | 2164.4 | 2775.1 | 3509.1 | 4439.1 |
| -15° | 0.0 | 80.3 | 293.6 | 604.1 | 950.2 | 1285.7 | 1655.6 | 2125.9 | 2718.9 | 3432.6 | 4327.9 |
| -17.5° | 0.0 | 79.3 | 288.0 | 592.0 | 932.3 | 1264.3 | 1626.3 | 2080.6 | 2653.0 | 3342.7 | 4197.2 |
| -20° | 0.0 | 78.1 | 281.7 | 578.1 | 911.8 | 1239.8 | 1592.6 | 2028.7 | 2577.3 | 3239.6 | 4047.5 |

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CATALOG NUMBER: GFLD-SA6E-730-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 | 76.8 | 274.5 | 562.4 | 888.7 | 1212.1 | 1554.7 | 1970.3 | 2492.2 | 3123.7 | 3879.3 |
| -25° | 0.0 | 75.3 | 266.6 | 545.0 | 863.1 | 1181.4 | 1512.7 | 1905.4 | 2397.8 | 2995.3 | 3692.9 |
| -27.5° | 0.0 | 73.7 | 257.8 | 525.9 | 834.9 | 1147.7 | 1466.6 | 1834.3 | 2294.3 | 2862.7 | 3533.3 |
| -30° | 0.0 | 72.0 | 248.3 | 505.1 | 804.3 | 1111.1 | 1416.5 | 1757.1 | 2196.8 | 2735.5 | 3362.4 |
| -32.5° | 0.0 | 70.1 | 238.1 | 482.7 | 771.4 | 1071.6 | 1362.5 | 1689.1 | 2101.2 | 2598.7 | 3178.8 |
| -35° | 0.0 | 68.1 | 227.1 | 458.7 | 736.1 | 1029.3 | 1309.6 | 1621.5 | 1999.1 | 2452.7 | 2983.0 |
| -37.5° | 0.0 | 65.9 | 215.5 | 433.2 | 698.5 | 983.7 | 1255.5 | 1549.6 | 1890.8 | 2297.9 | 2796.8 |
| -40° | 0.0 | 63.6 | 203.1 | 406.2 | 658.8 | 933.9 | 1198.4 | 1473.7 | 1776.4 | 2159.1 | 2614.4 |
| -42.5° | 0.0 | 61.3 | 190.1 | 377.7 | 618.9 | 881.6 | 1138.3 | 1394.0 | 1675.7 | 2023.5 | 2423.1 |
| -45° | 0.0 | 58.8 | 176.5 | 347.9 | 579.1 | 826.7 | 1075.4 | 1314.6 | 1580.0 | 1881.7 | 2229.4 |
| -47.5° | 0.0 | 56.1 | 162.2 | 316.8 | 537.5 | 769.4 | 1009.7 | 1237.9 | 1480.3 | 1734.9 | 2065.0 |
| -50° | 0.0 | 53.4 | 147.4 | 292.1 | 494.3 | 709.9 | 938.7 | 1158.2 | 1376.9 | 1618.3 | 1894.6 |
| -52.5° | 0.0 | 50.6 | 132.0 | 269.0 | 449.5 | 648.2 | 864.6 | 1075.7 | 1278.8 | 1497.8 | 1723.1 |
| -55° | 0.0 | 47.7 | 116.1 | 245.2 | 403.2 | 589.4 | 788.1 | 990.1 | 1181.5 | 1373.7 | 1585.2 |
| -57.5° | 0.0 | 44.6 | 99.7 | 220.6 | 355.5 | 529.8 | 709.4 | 898.3 | 1081.4 | 1257.8 | 1443.5 |
| -60° | 0.0 | 41.5 | 83.0 | 195.3 | 307.3 | 468.5 | 629.4 | 804.1 | 977.8 | 1142.5 | 1303.9 |
| -62.5° | 0.0 | 38.4 | 76.7 | 169.4 | 272.8 | 405.8 | 554.2 | 707.6 | 867.7 | 1024.6 | 1173.2 |
| -65° | 0.0 | 35.1 | 70.2 | 142.9 | 237.5 | 341.7 | 477.4 | 611.7 | 755.3 | 899.7 | 1039.9 |
| -67.5° | 0.0 | 31.8 | 63.5 | 115.9 | 201.5 | 286.5 | 399.0 | 520.5 | 640.9 | 771.3 | 899.7 |
| -70° | 0.0 | 28.4 | 56.8 | 88.4 | 164.9 | 240.8 | 319.3 | 427.8 | 535.0 | 640.9 | 755.3 |
| -72.5° | 0.0 | 25.0 | 49.9 | 74.8 | 127.7 | 194.4 | 260.5 | 333.7 | 427.8 | 520.5 | 611.7 |
| -75° | 0.0 | 21.5 | 43.0 | 64.4 | 90.0 | 147.4 | 204.3 | 260.5 | 319.3 | 399.0 | 477.4 |
| -77.5° | 0.0 | 18.0 | 35.9 | 53.8 | 71.6 | 99.8 | 147.4 | 194.4 | 240.8 | 286.5 | 341.7 |
| -80° | 0.0 | 14.4 | 28.8 | 43.2 | 57.4 | 71.6 | 90.0 | 127.7 | 164.9 | 201.5 | 237.5 |
| -82.5° | 0.0 | 10.8 | 21.7 | 32.4 | 43.2 | 53.8 | 64.4 | 74.8 | 88.4 | 115.9 | 142.9 |
| -85° | 0.0 | 7.2 | 14.5 | 21.7 | 28.8 | 35.9 | 43.0 | 49.9 | 56.8 | 63.5 | 70.2 |
| -87.5° | 0.0 | 3.6 | 7.2 | 10.8 | 14.4 | 18.0 | 21.5 | 25.0 | 28.4 | 31.8 | 35.1 |
| -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: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-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° | 38.4 | 41.5 | 44.6 | 47.7 | 50.6 | 53.4 | 56.1 | 58.8 | 61.3 | 63.6 | 65.9 |
| 85° | 76.7 | 83.0 | 99.7 | 116.1 | 132.0 | 147.4 | 162.2 | 176.5 | 190.1 | 203.1 | 215.5 |
| 82.5° | 169.4 | 195.3 | 220.6 | 245.2 | 269.0 | 292.1 | 316.8 | 347.9 | 377.7 | 406.2 | 433.2 |
| 80° | 272.8 | 307.3 | 355.5 | 403.2 | 449.5 | 494.3 | 537.5 | 579.1 | 618.9 | 658.8 | 698.5 |
| 77.5° | 405.8 | 468.5 | 529.8 | 589.4 | 648.2 | 709.9 | 769.4 | 826.7 | 881.6 | 933.9 | 983.7 |
| 75° | 554.2 | 629.4 | 709.4 | 788.1 | 864.6 | 938.7 | 1009.7 | 1075.4 | 1138.3 | 1198.4 | 1255.5 |
| 72.5° | 707.6 | 804.1 | 898.3 | 990.1 | 1075.7 | 1158.2 | 1237.9 | 1314.6 | 1394.0 | 1473.7 | 1549.6 |
| 70° | 867.7 | 977.8 | 1081.4 | 1181.5 | 1278.8 | 1376.9 | 1480.3 | 1580.0 | 1675.7 | 1776.4 | 1890.8 |
| 67.5° | 1024.6 | 1142.5 | 1257.8 | 1373.7 | 1497.8 | 1618.3 | 1734.9 | 1881.7 | 2023.5 | 2159.1 | 2297.9 |
| 65° | 1173.2 | 1303.9 | 1443.5 | 1585.2 | 1723.1 | 1894.6 | 2065.0 | 2229.4 | 2423.1 | 2614.4 | 2796.8 |
| 62.5° | 1319.3 | 1478.6 | 1637.9 | 1811.2 | 2010.6 | 2204.3 | 2428.8 | 2658.0 | 2878.5 | 3126.9 | 3368.8 |
| 60° | 1478.6 | 1655.6 | 1857.8 | 2080.6 | 2310.0 | 2577.3 | 2836.6 | 3123.7 | 3413.2 | 3692.9 | 4036.1 |
| 57.5° | 1637.9 | 1857.8 | 2104.1 | 2369.6 | 2667.1 | 2967.4 | 3304.7 | 3631.1 | 4022.5 | 4413.6 | 4802.7 |
| 55° | 1811.2 | 2080.6 | 2369.6 | 2697.2 | 3040.0 | 3414.2 | 3805.3 | 4261.0 | 4702.2 | 5193.7 | 5664.5 |
| 52.5° | 2010.6 | 2310.0 | 2667.1 | 3040.0 | 3450.8 | 3900.8 | 4405.4 | 4927.3 | 5477.0 | 6010.7 | 6534.2 |
| 50° | 2204.3 | 2577.3 | 2967.4 | 3414.2 | 3900.8 | 4453.7 | 5040.6 | 5648.5 | 6248.6 | 6833.9 | 7382.1 |
| 47.5° | 2428.8 | 2836.6 | 3304.7 | 3805.3 | 4405.4 | 5040.6 | 5705.9 | 6368.3 | 7015.5 | 7616.0 | 8191.1 |
| 45° | 2658.0 | 3123.7 | 3631.1 | 4261.0 | 4927.3 | 5648.5 | 6368.3 | 7076.4 | 7733.9 | 8354.4 | 8897.2 |
| 42.5° | 2878.5 | 3413.2 | 4022.5 | 4702.2 | 5477.0 | 6248.6 | 7015.5 | 7733.9 | 8407.5 | 9005.1 | 9550.4 |
| 40° | 3126.9 | 3692.9 | 4413.6 | 5193.7 | 6010.7 | 6833.9 | 7616.0 | 8354.4 | 9005.1 | 9600.1 | 10152.3 |
| 37.5° | 3368.8 | 4036.1 | 4802.7 | 5664.5 | 6534.2 | 7382.1 | 8191.1 | 8897.2 | 9550.4 | 10152.3 | 10681.9 |
| 35° | 3598.5 | 4362.3 | 5216.0 | 6120.7 | 7033.8 | 7895.9 | 8683.3 | 9402.2 | 10051.1 | 10635.2 | 11176.7 |
| 32.5° | 3853.8 | 4670.7 | 5607.3 | 6559.1 | 7489.0 | 8366.8 | 9147.5 | 9850.7 | 10495.8 | 11088.9 | 11626.7 |
| 30° | 4117.1 | 5003.4 | 5978.7 | 6971.9 | 7916.5 | 8775.2 | 9554.5 | 10266.5 | 10906.6 | 11492.4 | 12019.4 |
| 27.5° | 4362.3 | 5317.2 | 6332.9 | 7345.5 | 8307.1 | 9158.1 | 9926.9 | 10627.9 | 11271.7 | 11861.4 | 12372.3 |
| 25° | 4588.9 | 5607.3 | 6660.8 | 7687.4 | 8635.9 | 9488.9 | 10264.6 | 10965.2 | 11605.2 | 12171.2 | 12667.8 |
| 22.5° | 4812.5 | 5873.1 | 6961.3 | 8001.2 | 8938.0 | 9784.6 | 10553.3 | 11255.6 | 11896.1 | 12456.8 | 12933.3 |
| 20° | 5029.9 | 6120.7 | 7226.5 | 8279.4 | 9212.1 | 10053.3 | 10816.0 | 11517.1 | 12140.4 | 12683.3 | 13157.6 |
| 17.5° | 5223.5 | 6341.4 | 7458.3 | 8504.1 | 9437.5 | 10282.6 | 11048.6 | 11751.8 | 12360.3 | 12887.7 | 13351.3 |
| 15° | 5392.5 | 6534.2 | 7661.2 | 8700.8 | 9631.3 | 10473.2 | 11239.1 | 11934.7 | 12539.0 | 13062.0 | 13522.4 |
| 12.5° | 5536.5 | 6698.6 | 7834.3 | 8868.8 | 9797.0 | 10636.3 | 11402.4 | 12088.4 | 12682.5 | 13198.7 | 13649.2 |
| 10° | 5655.0 | 6833.9 | 7976.8 | 9007.2 | 9933.7 | 10771.0 | 11537.4 | 12215.6 | 12801.4 | 13312.3 | 13754.8 |
| 7.5° | 5747.5 | 6939.7 | 8088.3 | 9115.6 | 10040.8 | 10876.5 | 11643.3 | 12315.5 | 12895.0 | 13401.7 | 13838.1 |
| 5° | 5813.9 | 7015.5 | 8168.3 | 9193.4 | 10117.7 | 10952.4 | 11719.5 | 12387.4 | 12962.3 | 13466.2 | 13898.2 |
| 2.5° | 5853.8 | 7061.2 | 8216.4 | 9240.2 | 10163.9 | 10998.0 | 11765.4 | 12430.7 | 13003.0 | 13505.2 | 13934.6 |
| 0° | 5867.1 | 7076.4 | 8232.5 | 9255.8 | 10179.4 | 11013.3 | 11780.7 | 12445.2 | 13016.6 | 13518.2 | 13946.8 |
| -2.5° | 5853.8 | 7061.2 | 8216.4 | 9240.2 | 10163.9 | 10998.0 | 11765.4 | 12430.7 | 13003.0 | 13505.2 | 13934.6 |
| -5° | 5813.9 | 7015.5 | 8168.3 | 9193.4 | 10117.7 | 10952.4 | 11719.5 | 12387.4 | 12962.3 | 13466.2 | 13898.2 |
| -7.5° | 5747.5 | 6939.7 | 8088.3 | 9115.6 | 10040.8 | 10876.5 | 11643.3 | 12315.5 | 12895.0 | 13401.7 | 13838.1 |
| -10° | 5655.0 | 6833.9 | 7976.8 | 9007.2 | 9933.7 | 10771.0 | 11537.4 | 12215.6 | 12801.4 | 13312.3 | 13754.8 |
| -12.5° | 5536.5 | 6698.6 | 7834.3 | 8868.8 | 9797.0 | 10636.3 | 11402.4 | 12088.4 | 12682.5 | 13198.7 | 13649.2 |
| -15° | 5392.5 | 6534.2 | 7661.2 | 8700.8 | 9631.3 | 10473.2 | 11239.1 | 11934.7 | 12539.0 | 13062.0 | 13522.4 |
| -17.5° | 5223.5 | 6341.4 | 7458.3 | 8504.1 | 9437.5 | 10282.6 | 11048.6 | 11751.8 | 12360.3 | 12887.7 | 13351.3 |
| -20° | 5029.9 | 6120.7 | 7226.5 | 8279.4 | 9212.1 | 10053.3 | 10816.0 | 11517.1 | 12140.4 | 12683.3 | 13157.6 |



REPORT NUMBER: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-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° | 4812.5 | 5873.1 | 6961.3 | 8001.2 | 8938.0 | 9784.6 | 10553.3 | 11255.6 | 11896.1 | 12456.8 | 12933.3 |
| -25° | 4588.9 | 5607.3 | 6660.8 | 7687.4 | 8635.9 | 9488.9 | 10264.6 | 10965.2 | 11605.2 | 12171.2 | 12667.8 |
| -27.5° | 4362.3 | 5317.2 | 6332.9 | 7345.5 | 8307.1 | 9158.1 | 9926.9 | 10627.9 | 11271.7 | 11861.4 | 12372.3 |
| -30° | 4117.1 | 5003.4 | 5978.7 | 6971.9 | 7916.5 | 8775.2 | 9554.5 | 10266.5 | 10906.6 | 11492.4 | 12019.4 |
| -32.5° | 3853.8 | 4670.7 | 5607.3 | 6559.1 | 7489.0 | 8366.8 | 9147.5 | 9850.7 | 10495.8 | 11088.9 | 11626.7 |
| -35° | 3598.5 | 4362.3 | 5216.0 | 6120.7 | 7033.8 | 7895.9 | 8683.3 | 9402.2 | 10051.1 | 10635.2 | 11176.7 |
| -37.5° | 3368.8 | 4036.1 | 4802.7 | 5664.5 | 6534.2 | 7382.1 | 8191.1 | 8897.2 | 9550.4 | 10152.3 | 10681.9 |
| -40° | 3126.9 | 3692.9 | 4413.6 | 5193.7 | 6010.7 | 6833.9 | 7616.0 | 8354.4 | 9005.1 | 9600.1 | 10152.3 |
| -42.5° | 2878.5 | 3413.2 | 4022.5 | 4702.2 | 5477.0 | 6248.6 | 7015.5 | 7733.9 | 8407.5 | 9005.1 | 9550.4 |
| -45° | 2658.0 | 3123.7 | 3631.1 | 4261.0 | 4927.3 | 5648.5 | 6368.3 | 7076.4 | 7733.9 | 8354.4 | 8897.2 |
| -47.5° | 2428.8 | 2836.6 | 3304.7 | 3805.3 | 4405.4 | 5040.6 | 5705.9 | 6368.3 | 7015.5 | 7616.0 | 8191.1 |
| -50° | 2204.3 | 2577.3 | 2967.4 | 3414.2 | 3900.8 | 4453.7 | 5040.6 | 5648.5 | 6248.6 | 6833.9 | 7382.1 |
| -52.5° | 2010.6 | 2310.0 | 2667.1 | 3040.0 | 3450.8 | 3900.8 | 4405.4 | 4927.3 | 5477.0 | 6010.7 | 6534.2 |
| -55° | 1811.2 | 2080.6 | 2369.6 | 2697.2 | 3040.0 | 3414.2 | 3805.3 | 4261.0 | 4702.2 | 5193.7 | 5664.5 |
| -57.5° | 1637.9 | 1857.8 | 2104.1 | 2369.6 | 2667.1 | 2967.4 | 3304.7 | 3631.1 | 4022.5 | 4413.6 | 4802.7 |
| -60° | 1478.6 | 1655.6 | 1857.8 | 2080.6 | 2310.0 | 2577.3 | 2836.6 | 3123.7 | 3413.2 | 3692.9 | 4036.1 |
| -62.5° | 1319.3 | 1478.6 | 1637.9 | 1811.2 | 2010.6 | 2204.3 | 2428.8 | 2658.0 | 2878.5 | 3126.9 | 3368.8 |
| -65° | 1173.2 | 1303.9 | 1443.5 | 1585.2 | 1723.1 | 1894.6 | 2065.0 | 2229.4 | 2423.1 | 2614.4 | 2796.8 |
| -67.5° | 1024.6 | 1142.5 | 1257.8 | 1373.7 | 1497.8 | 1618.3 | 1734.9 | 1881.7 | 2023.5 | 2159.1 | 2297.9 |
| -70° | 867.7 | 977.8 | 1081.4 | 1181.5 | 1278.8 | 1376.9 | 1480.3 | 1580.0 | 1675.7 | 1776.4 | 1890.8 |
| -72.5° | 707.6 | 804.1 | 898.3 | 990.1 | 1075.7 | 1158.2 | 1237.9 | 1314.6 | 1394.0 | 1473.7 | 1549.6 |
| -75° | 554.2 | 629.4 | 709.4 | 788.1 | 864.6 | 938.7 | 1009.7 | 1075.4 | 1138.3 | 1198.4 | 1255.5 |
| -77.5° | 405.8 | 468.5 | 529.8 | 589.4 | 648.2 | 709.9 | 769.4 | 826.7 | 881.6 | 933.9 | 983.7 |
| -80° | 272.8 | 307.3 | 355.5 | 403.2 | 449.5 | 494.3 | 537.5 | 579.1 | 618.9 | 658.8 | 698.5 |
| -82.5° | 169.4 | 195.3 | 220.6 | 245.2 | 269.0 | 292.1 | 316.8 | 347.9 | 377.7 | 406.2 | 433.2 |
| -85° | 76.7 | 83.0 | 99.7 | 116.1 | 132.0 | 147.4 | 162.2 | 176.5 | 190.1 | 203.1 | 215.5 |
| -87.5° | 38.4 | 41.5 | 44.6 | 47.7 | 50.6 | 53.4 | 56.1 | 58.8 | 61.3 | 63.6 | 65.9 |
| -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: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-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° | 68.1 | 70.1 | 72.0 | 73.7 | 75.3 | 76.8 | 78.1 | 79.3 | 80.3 | 81.1 | 81.8 |
| 85° | 227.1 | 238.1 | 248.3 | 257.8 | 266.6 | 274.5 | 281.7 | 288.0 | 293.6 | 298.3 | 302.1 |
| 82.5° | 458.7 | 482.7 | 505.1 | 525.9 | 545.0 | 562.4 | 578.1 | 592.0 | 604.1 | 614.4 | 622.8 |
| 80° | 736.1 | 771.4 | 804.3 | 834.9 | 863.1 | 888.7 | 911.8 | 932.3 | 950.2 | 965.3 | 977.8 |
| 77.5° | 1029.3 | 1071.6 | 1111.1 | 1147.7 | 1181.4 | 1212.1 | 1239.8 | 1264.3 | 1285.7 | 1303.9 | 1318.8 |
| 75° | 1309.6 | 1362.5 | 1416.5 | 1466.6 | 1512.7 | 1554.7 | 1592.6 | 1626.3 | 1655.6 | 1680.5 | 1700.9 |
| 72.5° | 1621.5 | 1689.1 | 1757.1 | 1834.3 | 1905.4 | 1970.3 | 2028.7 | 2080.6 | 2125.9 | 2164.4 | 2196.0 |
| 70° | 1999.1 | 2101.2 | 2196.8 | 2294.3 | 2397.8 | 2492.2 | 2577.3 | 2653.0 | 2718.9 | 2775.1 | 2821.2 |
| 67.5° | 2452.7 | 2598.7 | 2735.5 | 2862.7 | 2995.3 | 3123.7 | 3239.6 | 3342.7 | 3432.6 | 3509.1 | 3571.9 |
| 65° | 2983.0 | 3178.8 | 3362.4 | 3533.3 | 3692.9 | 3879.3 | 4047.5 | 4197.2 | 4327.9 | 4439.1 | 4530.6 |
| 62.5° | 3598.5 | 3853.8 | 4117.1 | 4362.3 | 4588.9 | 4812.5 | 5029.9 | 5223.5 | 5392.5 | 5536.5 | 5655.0 |
| 60° | 4362.3 | 4670.7 | 5003.4 | 5317.2 | 5607.3 | 5873.1 | 6120.7 | 6341.4 | 6534.2 | 6698.6 | 6833.9 |
| 57.5° | 5216.0 | 5607.3 | 5978.7 | 6332.9 | 6660.8 | 6961.3 | 7226.5 | 7458.3 | 7661.2 | 7834.3 | 7976.8 |
| 55° | 6120.7 | 6559.1 | 6971.9 | 7345.5 | 7687.4 | 8001.2 | 8279.4 | 8504.1 | 8700.8 | 8868.8 | 9007.2 |
| 52.5° | 7033.8 | 7489.0 | 7916.5 | 8307.1 | 8635.9 | 8938.0 | 9212.1 | 9437.5 | 9631.3 | 9797.0 | 9933.7 |
| 50° | 7895.9 | 8366.8 | 8775.2 | 9158.1 | 9488.9 | 9784.6 | 10053.3 | 10282.6 | 10473.2 | 10636.3 | 10771.0 |
| 47.5° | 8683.3 | 9147.5 | 9554.5 | 9926.9 | 10264.6 | 10553.3 | 10816.0 | 11048.6 | 11239.1 | 11402.4 | 11537.4 |
| 45° | 9402.2 | 9850.7 | 10266.5 | 10627.9 | 10965.2 | 11255.6 | 11517.1 | 11751.8 | 11934.7 | 12088.4 | 12215.6 |
| 42.5° | 10051.1 | 10495.8 | 10906.6 | 11271.7 | 11605.2 | 11896.1 | 12140.4 | 12360.3 | 12539.0 | 12682.5 | 12801.4 |
| 40° | 10635.2 | 11088.9 | 11492.4 | 11861.4 | 12171.2 | 12456.8 | 12683.3 | 12887.7 | 13062.0 | 13198.7 | 13312.3 |
| 37.5° | 11176.7 | 11626.7 | 12019.4 | 12372.3 | 12667.8 | 12933.3 | 13157.6 | 13351.3 | 13522.4 | 13649.2 | 13754.8 |
| 35° | 11671.8 | 12099.3 | 12487.9 | 12811.3 | 13104.2 | 13354.2 | 13575.0 | 13753.8 | 13912.8 | 14033.6 | 14129.9 |
| 32.5° | 12099.3 | 12523.3 | 12884.0 | 13202.4 | 13488.3 | 13721.6 | 13933.5 | 14097.2 | 14241.5 | 14357.8 | 14447.2 |
| 30° | 12487.9 | 12884.0 | 13235.4 | 13550.8 | 13811.4 | 14038.6 | 14229.3 | 14389.3 | 14522.5 | 14633.4 | 14712.1 |
| 27.5° | 12811.3 | 13202.4 | 13550.8 | 13841.6 | 14091.0 | 14309.7 | 14484.3 | 14638.3 | 14754.6 | 14856.6 | 14924.3 |
| 25° | 13104.2 | 13488.3 | 13811.4 | 14091.0 | 14333.1 | 14532.8 | 14699.0 | 14838.4 | 14941.5 | 15029.0 | 15079.3 |
| 22.5° | 13354.2 | 13721.6 | 14038.6 | 14309.7 | 14532.8 | 14719.5 | 14876.0 | 14994.1 | 15078.6 | 15131.4 | 15161.2 |
| 20° | 13575.0 | 13933.5 | 14229.3 | 14484.3 | 14699.0 | 14876.0 | 15012.0 | 15099.3 | 15158.1 | 15172.6 | 15181.2 |
| 17.5° | 13753.8 | 14097.2 | 14389.3 | 14638.3 | 14838.4 | 14994.1 | 15099.3 | 15160.9 | 15178.5 | 15175.3 | 15166.6 |
| 15° | 13912.8 | 14241.5 | 14522.5 | 14754.6 | 14941.5 | 15078.6 | 15158.1 | 15178.5 | 15173.3 | 15155.6 | 15128.2 |
| 12.5° | 14033.6 | 14357.8 | 14633.4 | 14856.6 | 15029.0 | 15131.4 | 15172.6 | 15175.3 | 15155.6 | 15121.6 | 15082.7 |
| 10° | 14129.9 | 14447.2 | 14712.1 | 14924.3 | 15079.3 | 15161.2 | 15181.2 | 15166.6 | 15128.2 | 15082.7 | 15039.6 |
| 7.5° | 14206.0 | 14518.2 | 14774.7 | 14978.3 | 15112.2 | 15170.4 | 15174.8 | 15147.4 | 15101.2 | 15049.6 | 15002.9 |
| 5° | 14261.1 | 14569.6 | 14820.2 | 15017.7 | 15136.4 | 15177.2 | 15170.0 | 15132.2 | 15078.8 | 15024.7 | 14982.1 |
| 2.5° | 14294.4 | 14600.8 | 14847.8 | 15041.7 | 15151.1 | 15181.3 | 15167.1 | 15122.8 | 15064.6 | 15008.8 | 14968.3 |
| 0° | 14305.6 | 14611.3 | 14857.1 | 15049.8 | 15156.1 | 15182.7 | 15166.1 | 15119.6 | 15059.8 | 15003.3 | 14963.4 |
| -2.5° | 14294.4 | 14600.8 | 14847.8 | 15041.7 | 15151.1 | 15181.3 | 15167.1 | 15122.8 | 15064.6 | 15008.8 | 14968.3 |
| -5° | 14261.1 | 14569.6 | 14820.2 | 15017.7 | 15136.4 | 15177.2 | 15170.0 | 15132.2 | 15078.8 | 15024.7 | 14982.1 |
| -7.5° | 14206.0 | 14518.2 | 14774.7 | 14978.3 | 15112.2 | 15170.4 | 15174.8 | 15147.4 | 15101.2 | 15049.6 | 15002.9 |
| -10° | 14129.9 | 14447.2 | 14712.1 | 14924.3 | 15079.3 | 15161.2 | 15181.2 | 15166.6 | 15128.2 | 15082.7 | 15039.6 |
| -12.5° | 14033.6 | 14357.8 | 14633.4 | 14856.6 | 15029.0 | 15131.4 | 15172.6 | 15175.3 | 15155.6 | 15121.6 | 15082.7 |
| -15° | 13912.8 | 14241.5 | 14522.5 | 14754.6 | 14941.5 | 15078.6 | 15158.1 | 15178.5 | 15173.3 | 15155.6 | 15128.2 |
| -17.5° | 13753.8 | 14097.2 | 14389.3 | 14638.3 | 14838.4 | 14994.1 | 15099.3 | 15160.9 | 15178.5 | 15175.3 | 15166.6 |
| -20° | 13575.0 | 13933.5 | 14229.3 | 14484.3 | 14699.0 | 14876.0 | 15012.0 | 15099.3 | 15158.1 | 15172.6 | 15181.2 |



REPORT NUMBER: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 13354.2 | 13721.6 | 14038.6 | 14309.7 | 14532.8 | 14719.5 | 14876.0 | 14994.1 | 15078.6 | 15131.4 | 15161.2 |
| -25° | 13104.2 | 13488.3 | 13811.4 | 14091.0 | 14333.1 | 14532.8 | 14699.0 | 14838.4 | 14941.5 | 15029.0 | 15079.3 |
| -27.5° | 12811.3 | 13202.4 | 13550.8 | 13841.6 | 14091.0 | 14309.7 | 14484.3 | 14638.3 | 14754.6 | 14856.6 | 14924.3 |
| -30° | 12487.9 | 12884.0 | 13235.4 | 13550.8 | 13811.4 | 14038.6 | 14229.3 | 14389.3 | 14522.5 | 14633.4 | 14712.1 |
| -32.5° | 12099.3 | 12523.3 | 12884.0 | 13202.4 | 13488.3 | 13721.6 | 13933.5 | 14097.2 | 14241.5 | 14357.8 | 14447.2 |
| -35° | 11671.8 | 12099.3 | 12487.9 | 12811.3 | 13104.2 | 13354.2 | 13575.0 | 13753.8 | 13912.8 | 14033.6 | 14129.9 |
| -37.5° | 11176.7 | 11626.7 | 12019.4 | 12372.3 | 12667.8 | 12933.3 | 13157.6 | 13351.3 | 13522.4 | 13649.2 | 13754.8 |
| -40° | 10635.2 | 11088.9 | 11492.4 | 11861.4 | 12171.2 | 12456.8 | 12683.3 | 12887.7 | 13062.0 | 13198.7 | 13312.3 |
| -42.5° | 10051.1 | 10495.8 | 10906.6 | 11271.7 | 11605.2 | 11896.1 | 12140.4 | 12360.3 | 12539.0 | 12682.5 | 12801.4 |
| -45° | 9402.2 | 9850.7 | 10266.5 | 10627.9 | 10965.2 | 11255.6 | 11517.1 | 11751.8 | 11934.7 | 12088.4 | 12215.6 |
| -47.5° | 8683.3 | 9147.5 | 9554.5 | 9926.9 | 10264.6 | 10553.3 | 10816.0 | 11048.6 | 11239.1 | 11402.4 | 11537.4 |
| -50° | 7895.9 | 8366.8 | 8775.2 | 9158.1 | 9488.9 | 9784.6 | 10053.3 | 10282.6 | 10473.2 | 10636.3 | 10771.0 |
| -52.5° | 7033.8 | 7489.0 | 7916.5 | 8307.1 | 8635.9 | 8938.0 | 9212.1 | 9437.5 | 9631.3 | 9797.0 | 9933.7 |
| -55° | 6120.7 | 6559.1 | 6971.9 | 7345.5 | 7687.4 | 8001.2 | 8279.4 | 8504.1 | 8700.8 | 8868.8 | 9007.2 |
| -57.5° | 5216.0 | 5607.3 | 5978.7 | 6332.9 | 6660.8 | 6961.3 | 7226.5 | 7458.3 | 7661.2 | 7834.3 | 7976.8 |
| -60° | 4362.3 | 4670.7 | 5003.4 | 5317.2 | 5607.3 | 5873.1 | 6120.7 | 6341.4 | 6534.2 | 6698.6 | 6833.9 |
| -62.5° | 3598.5 | 3853.8 | 4117.1 | 4362.3 | 4588.9 | 4812.5 | 5029.9 | 5223.5 | 5392.5 | 5536.5 | 5655.0 |
| -65° | 2983.0 | 3178.8 | 3362.4 | 3533.3 | 3692.9 | 3879.3 | 4047.5 | 4197.2 | 4327.9 | 4439.1 | 4530.6 |
| -67.5° | 2452.7 | 2598.7 | 2735.5 | 2862.7 | 2995.3 | 3123.7 | 3239.6 | 3342.7 | 3432.6 | 3509.1 | 3571.9 |
| -70° | 1999.1 | 2101.2 | 2196.8 | 2294.3 | 2397.8 | 2492.2 | 2577.3 | 2653.0 | 2718.9 | 2775.1 | 2821.2 |
| -72.5° | 1621.5 | 1689.1 | 1757.1 | 1834.3 | 1905.4 | 1970.3 | 2028.7 | 2080.6 | 2125.9 | 2164.4 | 2196.0 |
| -75° | 1309.6 | 1362.5 | 1416.5 | 1466.6 | 1512.7 | 1554.7 | 1592.6 | 1626.3 | 1655.6 | 1680.5 | 1700.9 |
| -77.5° | 1029.3 | 1071.6 | 1111.1 | 1147.7 | 1181.4 | 1212.1 | 1239.8 | 1264.3 | 1285.7 | 1303.9 | 1318.8 |
| -80° | 736.1 | 771.4 | 804.3 | 834.9 | 863.1 | 888.7 | 911.8 | 932.3 | 950.2 | 965.3 | 977.8 |
| -82.5° | 458.7 | 482.7 | 505.1 | 525.9 | 545.0 | 562.4 | 578.1 | 592.0 | 604.1 | 614.4 | 622.8 |
| -85° | 227.1 | 238.1 | 248.3 | 257.8 | 266.6 | 274.5 | 281.7 | 288.0 | 293.6 | 298.3 | 302.1 |
| -87.5° | 68.1 | 70.1 | 72.0 | 73.7 | 75.3 | 76.8 | 78.1 | 79.3 | 80.3 | 81.1 | 81.8 |
| -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: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-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° | 82.4 | 82.8 | 83.0 | 83.1 | 83.0 | 82.8 | 82.4 | 81.8 | 81.1 | 80.3 | 79.3 |
| 85° | 305.1 | 307.3 | 308.6 | 309.0 | 308.6 | 307.3 | 305.1 | 302.1 | 298.3 | 293.6 | 288.0 |
| 82.5° | 629.4 | 634.1 | 637.0 | 637.9 | 637.0 | 634.1 | 629.4 | 622.8 | 614.4 | 604.1 | 592.0 |
| 80° | 987.5 | 994.4 | 998.6 | 1000.0 | 998.6 | 994.4 | 987.5 | 977.8 | 965.3 | 950.2 | 932.3 |
| 77.5° | 1330.5 | 1338.8 | 1343.8 | 1345.5 | 1343.8 | 1338.8 | 1330.5 | 1318.8 | 1303.9 | 1285.7 | 1264.3 |
| 75° | 1716.9 | 1728.3 | 1735.2 | 1737.5 | 1735.2 | 1728.3 | 1716.9 | 1700.9 | 1680.5 | 1655.6 | 1626.3 |
| 72.5° | 2220.7 | 2238.3 | 2249.0 | 2252.5 | 2249.0 | 2238.3 | 2220.7 | 2196.0 | 2164.4 | 2125.9 | 2080.6 |
| 70° | 2857.2 | 2882.9 | 2898.4 | 2903.6 | 2898.4 | 2882.9 | 2857.2 | 2821.2 | 2775.1 | 2718.9 | 2653.0 |
| 67.5° | 3621.0 | 3656.2 | 3677.3 | 3684.4 | 3677.3 | 3656.2 | 3621.0 | 3571.9 | 3509.1 | 3432.6 | 3342.7 |
| 65° | 4602.1 | 4653.2 | 4684.0 | 4694.3 | 4684.0 | 4653.2 | 4602.1 | 4530.6 | 4439.1 | 4327.9 | 4197.2 |
| 62.5° | 5747.5 | 5813.9 | 5853.8 | 5867.1 | 5853.8 | 5813.9 | 5747.5 | 5655.0 | 5536.5 | 5392.5 | 5223.5 |
| 60° | 6939.7 | 7015.5 | 7061.2 | 7076.4 | 7061.2 | 7015.5 | 6939.7 | 6833.9 | 6698.6 | 6534.2 | 6341.4 |
| 57.5° | 8088.3 | 8168.3 | 8216.4 | 8232.5 | 8216.4 | 8168.3 | 8088.3 | 7976.8 | 7834.3 | 7661.2 | 7458.3 |
| 55° | 9115.6 | 9193.4 | 9240.2 | 9255.8 | 9240.2 | 9193.4 | 9115.6 | 9007.2 | 8868.8 | 8700.8 | 8504.1 |
| 52.5° | 10040.8 | 10117.7 | 10163.9 | 10179.4 | 10163.9 | 10117.7 | 10040.8 | 9933.7 | 9797.0 | 9631.3 | 9437.5 |
| 50° | 10876.5 | 10952.4 | 10998.0 | 11013.3 | 10998.0 | 10952.4 | 10876.5 | 10771.0 | 10636.3 | 10473.2 | 10282.6 |
| 47.5° | 11643.3 | 11719.5 | 11765.4 | 11780.7 | 11765.4 | 11719.5 | 11643.3 | 11537.4 | 11402.4 | 11239.1 | 11048.6 |
| 45° | 12315.5 | 12387.4 | 12430.7 | 12445.2 | 12430.7 | 12387.4 | 12315.5 | 12215.6 | 12088.4 | 11934.7 | 11751.8 |
| 42.5° | 12895.0 | 12962.3 | 13003.0 | 13016.6 | 13003.0 | 12962.3 | 12895.0 | 12801.4 | 12682.5 | 12539.0 | 12360.3 |
| 40° | 13401.7 | 13466.2 | 13505.2 | 13518.2 | 13505.2 | 13466.2 | 13401.7 | 13312.3 | 13198.7 | 13062.0 | 12887.7 |
| 37.5° | 13838.1 | 13898.2 | 13934.6 | 13946.8 | 13934.6 | 13898.2 | 13838.1 | 13754.8 | 13649.2 | 13522.4 | 13351.3 |
| 35° | 14206.0 | 14261.1 | 14294.4 | 14305.6 | 14294.4 | 14261.1 | 14206.0 | 14129.9 | 14033.6 | 13912.8 | 13753.8 |
| 32.5° | 14518.2 | 14569.6 | 14600.8 | 14611.3 | 14600.8 | 14569.6 | 14518.2 | 14447.2 | 14357.8 | 14241.5 | 14097.2 |
| 30° | 14774.7 | 14820.2 | 14847.8 | 14857.1 | 14847.8 | 14820.2 | 14774.7 | 14712.1 | 14633.4 | 14522.5 | 14389.3 |
| 27.5° | 14978.3 | 15017.7 | 15041.7 | 15049.8 | 15041.7 | 15017.7 | 14978.3 | 14924.3 | 14856.6 | 14754.6 | 14638.3 |
| 25° | 15112.2 | 15136.4 | 15151.1 | 15156.1 | 15151.1 | 15136.4 | 15112.2 | 15079.3 | 15029.0 | 14941.5 | 14838.4 |
| 22.5° | 15170.4 | 15177.2 | 15181.3 | 15182.7 | 15181.3 | 15177.2 | 15170.4 | 15161.2 | 15131.4 | 15078.6 | 14994.1 |
| 20° | 15174.8 | 15170.0 | 15167.1 | 15166.1 | 15167.1 | 15170.0 | 15174.8 | 15181.2 | 15172.6 | 15158.1 | 15099.3 |
| 17.5° | 15147.4 | 15132.2 | 15122.8 | 15119.6 | 15122.8 | 15132.2 | 15147.4 | 15166.6 | 15175.3 | 15178.5 | 15160.9 |
| 15° | 15101.2 | 15078.8 | 15064.6 | 15059.8 | 15064.6 | 15078.8 | 15101.2 | 15128.2 | 15155.6 | 15173.3 | 15178.5 |
| 12.5° | 15049.6 | 15024.7 | 15008.8 | 15003.3 | 15008.8 | 15024.7 | 15049.6 | 15082.7 | 15121.6 | 15155.6 | 15175.3 |
| 10° | 15002.9 | 14982.1 | 14968.3 | 14963.4 | 14968.3 | 14982.1 | 15002.9 | 15039.6 | 15082.7 | 15128.2 | 15166.6 |
| 7.5° | 14972.8 | 14954.2 | 14943.9 | 14940.2 | 14943.9 | 14954.2 | 14972.8 | 15002.9 | 15049.6 | 15101.2 | 15147.4 |
| 5° | 14954.2 | 14935.6 | 14919.9 | 14913.6 | 14919.9 | 14935.6 | 14954.2 | 14982.1 | 15024.7 | 15078.8 | 15132.2 |
| 2.5° | 14943.9 | 14919.9 | 14896.1 | 14883.7 | 14896.1 | 14919.9 | 14943.9 | 14968.3 | 15008.8 | 15064.6 | 15122.8 |
| 0° | 14940.2 | 14913.6 | 14883.7 | 14887.0 | 14883.7 | 14913.6 | 14940.2 | 14963.4 | 15003.3 | 15059.8 | 15119.6 |
| -2.5° | 14943.9 | 14919.9 | 14896.1 | 14883.7 | 14896.1 | 14919.9 | 14943.9 | 14968.3 | 15008.8 | 15064.6 | 15122.8 |
| -5° | 14954.2 | 14935.6 | 14919.9 | 14913.6 | 14919.9 | 14935.6 | 14954.2 | 14982.1 | 15024.7 | 15078.8 | 15132.2 |
| -7.5° | 14972.8 | 14954.2 | 14943.9 | 14940.2 | 14943.9 | 14954.2 | 14972.8 | 15002.9 | 15049.6 | 15101.2 | 15147.4 |
| -10° | 15002.9 | 14982.1 | 14968.3 | 14963.4 | 14968.3 | 14982.1 | 15002.9 | 15039.6 | 15082.7 | 15128.2 | 15166.6 |
| -12.5° | 15049.6 | 15024.7 | 15008.8 | 15003.3 | 15008.8 | 15024.7 | 15049.6 | 15082.7 | 15121.6 | 15155.6 | 15175.3 |
| -15° | 15101.2 | 15078.8 | 15064.6 | 15059.8 | 15064.6 | 15078.8 | 15101.2 | 15128.2 | 15155.6 | 15173.3 | 15178.5 |
| -17.5° | 15147.4 | 15132.2 | 15122.8 | 15119.6 | 15122.8 | 15132.2 | 15147.4 | 15166.6 | 15175.3 | 15178.5 | 15160.9 |
| -20° | 15174.8 | 15170.0 | 15167.1 | 15166.1 | 15167.1 | 15170.0 | 15174.8 | 15181.2 | 15172.6 | 15158.1 | 15099.3 |



REPORT NUMBER: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-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° | 15170.4 | 15177.2 | 15181.3 | 15182.7 | 15181.3 | 15177.2 | 15170.4 | 15161.2 | 15131.4 | 15078.6 | 14994.1 |
| -25° | 15112.2 | 15136.4 | 15151.1 | 15156.1 | 15151.1 | 15136.4 | 15112.2 | 15079.3 | 15029.0 | 14941.5 | 14838.4 |
| -27.5° | 14978.3 | 15017.7 | 15041.7 | 15049.8 | 15041.7 | 15017.7 | 14978.3 | 14924.3 | 14856.6 | 14754.6 | 14638.3 |
| -30° | 14774.7 | 14820.2 | 14847.8 | 14857.1 | 14847.8 | 14820.2 | 14774.7 | 14712.1 | 14633.4 | 14522.5 | 14389.3 |
| -32.5° | 14518.2 | 14569.6 | 14600.8 | 14611.3 | 14600.8 | 14569.6 | 14518.2 | 14447.2 | 14357.8 | 14241.5 | 14097.2 |
| -35° | 14206.0 | 14261.1 | 14294.4 | 14305.6 | 14294.4 | 14261.1 | 14206.0 | 14129.9 | 14033.6 | 13912.8 | 13753.8 |
| -37.5° | 13838.1 | 13898.2 | 13934.6 | 13946.8 | 13934.6 | 13898.2 | 13838.1 | 13754.8 | 13649.2 | 13522.4 | 13351.3 |
| -40° | 13401.7 | 13466.2 | 13505.2 | 13518.2 | 13505.2 | 13466.2 | 13401.7 | 13312.3 | 13198.7 | 13062.0 | 12887.7 |
| -42.5° | 12895.0 | 12962.3 | 13003.0 | 13016.6 | 13003.0 | 12962.3 | 12895.0 | 12801.4 | 12682.5 | 12539.0 | 12360.3 |
| -45° | 12315.5 | 12387.4 | 12430.7 | 12445.2 | 12430.7 | 12387.4 | 12315.5 | 12215.6 | 12088.4 | 11934.7 | 11751.8 |
| -47.5° | 11643.3 | 11719.5 | 11765.4 | 11780.7 | 11765.4 | 11719.5 | 11643.3 | 11537.4 | 11402.4 | 11239.1 | 11048.6 |
| -50° | 10876.5 | 10952.4 | 10998.0 | 11013.3 | 10998.0 | 10952.4 | 10876.5 | 10771.0 | 10636.3 | 10473.2 | 10282.6 |
| -52.5° | 10040.8 | 10117.7 | 10163.9 | 10179.4 | 10163.9 | 10117.7 | 10040.8 | 9933.7 | 9797.0 | 9631.3 | 9437.5 |
| -55° | 9115.6 | 9193.4 | 9240.2 | 9255.8 | 9240.2 | 9193.4 | 9115.6 | 9007.2 | 8868.8 | 8700.8 | 8504.1 |
| -57.5° | 8088.3 | 8168.3 | 8216.4 | 8232.5 | 8216.4 | 8168.3 | 8088.3 | 7976.8 | 7834.3 | 7661.2 | 7458.3 |
| -60° | 6939.7 | 7015.5 | 7061.2 | 7076.4 | 7061.2 | 7015.5 | 6939.7 | 6833.9 | 6698.6 | 6534.2 | 6341.4 |
| -62.5° | 5747.5 | 5813.9 | 5853.8 | 5867.1 | 5853.8 | 5813.9 | 5747.5 | 5655.0 | 5536.5 | 5392.5 | 5223.5 |
| -65° | 4602.1 | 4653.2 | 4684.0 | 4694.3 | 4684.0 | 4653.2 | 4602.1 | 4530.6 | 4439.1 | 4327.9 | 4197.2 |
| -67.5° | 3621.0 | 3656.2 | 3677.3 | 3684.4 | 3677.3 | 3656.2 | 3621.0 | 3571.9 | 3509.1 | 3432.6 | 3342.7 |
| -70° | 2857.2 | 2882.9 | 2898.4 | 2903.6 | 2898.4 | 2882.9 | 2857.2 | 2821.2 | 2775.1 | 2718.9 | 2653.0 |
| -72.5° | 2220.7 | 2238.3 | 2249.0 | 2252.5 | 2249.0 | 2238.3 | 2220.7 | 2196.0 | 2164.4 | 2125.9 | 2080.6 |
| -75° | 1716.9 | 1728.3 | 1735.2 | 1737.5 | 1735.2 | 1728.3 | 1716.9 | 1700.9 | 1680.5 | 1655.6 | 1626.3 |
| -77.5° | 1330.5 | 1338.8 | 1343.8 | 1345.5 | 1343.8 | 1338.8 | 1330.5 | 1318.8 | 1303.9 | 1285.7 | 1264.3 |
| -80° | 987.5 | 994.4 | 998.6 | 1000.0 | 998.6 | 994.4 | 987.5 | 977.8 | 965.3 | 950.2 | 932.3 |
| -82.5° | 629.4 | 634.1 | 637.0 | 637.9 | 637.0 | 634.1 | 629.4 | 622.8 | 614.4 | 604.1 | 592.0 |
| -85° | 305.1 | 307.3 | 308.6 | 309.0 | 308.6 | 307.3 | 305.1 | 302.1 | 298.3 | 293.6 | 288.0 |
| -87.5° | 82.4 | 82.8 | 83.0 | 83.1 | 83.0 | 82.8 | 82.4 | 81.8 | 81.1 | 80.3 | 79.3 |
| -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: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-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° | 78.1 | 76.8 | 75.3 | 73.7 | 72.0 | 70.1 | 68.1 | 65.9 | 63.6 | 61.3 | 58.8 |
| 85° | 281.7 | 274.5 | 266.6 | 257.8 | 248.3 | 238.1 | 227.1 | 215.5 | 203.1 | 190.1 | 176.5 |
| 82.5° | 578.1 | 562.4 | 545.0 | 525.9 | 505.1 | 482.7 | 458.7 | 433.2 | 406.2 | 377.7 | 347.9 |
| 80° | 911.8 | 888.7 | 863.1 | 834.9 | 804.3 | 771.4 | 736.1 | 698.5 | 658.8 | 618.9 | 579.1 |
| 77.5° | 1239.8 | 1212.1 | 1181.4 | 1147.7 | 1111.1 | 1071.6 | 1029.3 | 983.7 | 933.9 | 881.6 | 826.7 |
| 75° | 1592.6 | 1554.7 | 1512.7 | 1466.6 | 1416.5 | 1362.5 | 1309.6 | 1255.5 | 1198.4 | 1138.3 | 1075.4 |
| 72.5° | 2028.7 | 1970.3 | 1905.4 | 1834.3 | 1757.1 | 1689.1 | 1621.5 | 1549.6 | 1473.7 | 1394.0 | 1314.6 |
| 70° | 2577.3 | 2492.2 | 2397.8 | 2294.3 | 2196.8 | 2101.2 | 1999.1 | 1890.8 | 1776.4 | 1675.7 | 1580.0 |
| 67.5° | 3239.6 | 3123.7 | 2995.3 | 2862.7 | 2735.5 | 2598.7 | 2452.7 | 2297.9 | 2159.1 | 2023.5 | 1881.7 |
| 65° | 4047.5 | 3879.3 | 3692.9 | 3533.3 | 3362.4 | 3178.8 | 2983.0 | 2796.8 | 2614.4 | 2423.1 | 2229.4 |
| 62.5° | 5029.9 | 4812.5 | 4588.9 | 4362.3 | 4117.1 | 3853.8 | 3598.5 | 3368.8 | 3126.9 | 2878.5 | 2658.0 |
| 60° | 6120.7 | 5873.1 | 5607.3 | 5317.2 | 5003.4 | 4670.7 | 4362.3 | 4036.1 | 3692.9 | 3413.2 | 3123.7 |
| 57.5° | 7226.5 | 6961.3 | 6660.8 | 6332.9 | 5978.7 | 5607.3 | 5216.0 | 4802.7 | 4413.6 | 4022.5 | 3631.1 |
| 55° | 8279.4 | 8001.2 | 7687.4 | 7345.5 | 6971.9 | 6559.1 | 6120.7 | 5664.5 | 5193.7 | 4702.2 | 4261.0 |
| 52.5° | 9212.1 | 8938.0 | 8635.9 | 8307.1 | 7916.5 | 7489.0 | 7033.8 | 6534.2 | 6010.7 | 5477.0 | 4927.3 |
| 50° | 10053.3 | 9784.6 | 9488.9 | 9158.1 | 8775.2 | 8366.8 | 7895.9 | 7382.1 | 6833.9 | 6248.6 | 5648.5 |
| 47.5° | 10816.0 | 10553.3 | 10264.6 | 9926.9 | 9554.5 | 9147.5 | 8683.3 | 8191.1 | 7616.0 | 7015.5 | 6368.3 |
| 45° | 11517.1 | 11255.6 | 10965.2 | 10627.9 | 10266.5 | 9850.7 | 9402.2 | 8897.2 | 8354.4 | 7733.9 | 7076.4 |
| 42.5° | 12140.4 | 11896.1 | 11605.2 | 11271.7 | 10906.6 | 10495.8 | 10051.1 | 9550.4 | 9005.1 | 8407.5 | 7733.9 |
| 40° | 12683.3 | 12456.8 | 12171.2 | 11861.4 | 11492.4 | 11088.9 | 10635.2 | 10152.3 | 9600.1 | 9005.1 | 8354.4 |
| 37.5° | 13157.6 | 12933.3 | 12667.8 | 12372.3 | 12019.4 | 11626.7 | 11176.7 | 10681.9 | 10152.3 | 9550.4 | 8897.2 |
| 35° | 13575.0 | 13354.2 | 13104.2 | 12811.3 | 12487.9 | 12099.3 | 11671.8 | 11176.7 | 10635.2 | 10051.1 | 9402.2 |
| 32.5° | 13933.5 | 13721.6 | 13488.3 | 13202.4 | 12884.0 | 12523.3 | 12099.3 | 11626.7 | 11088.9 | 10495.8 | 9850.7 |
| 30° | 14229.3 | 14038.6 | 13811.4 | 13550.8 | 13235.4 | 12884.0 | 12487.9 | 12019.4 | 11492.4 | 10906.6 | 10266.5 |
| 27.5° | 14484.3 | 14309.7 | 14091.0 | 13841.6 | 13550.8 | 13202.4 | 12811.3 | 12372.3 | 11861.4 | 11271.7 | 10627.9 |
| 25° | 14699.0 | 14532.8 | 14333.1 | 14091.0 | 13811.4 | 13488.3 | 13104.2 | 12667.8 | 12171.2 | 11605.2 | 10965.2 |
| 22.5° | 14876.0 | 14719.5 | 14532.8 | 14309.7 | 14038.6 | 13721.6 | 13354.2 | 12933.3 | 12456.8 | 11896.1 | 11255.6 |
| 20° | 15012.0 | 14876.0 | 14699.0 | 14484.3 | 14229.3 | 13933.5 | 13575.0 | 13157.6 | 12683.3 | 12140.4 | 11517.1 |
| 17.5° | 15099.3 | 14994.1 | 14838.4 | 14638.3 | 14389.3 | 14097.2 | 13753.8 | 13351.3 | 12887.7 | 12360.3 | 11751.8 |
| 15° | 15158.1 | 15078.6 | 14941.5 | 14754.6 | 14522.5 | 14241.5 | 13912.8 | 13522.4 | 13062.0 | 12539.0 | 11934.7 |
| 12.5° | 15172.6 | 15131.4 | 15029.0 | 14856.6 | 14633.4 | 14357.8 | 14033.6 | 13649.2 | 13198.7 | 12682.5 | 12088.4 |
| 10° | 15181.2 | 15161.2 | 15079.3 | 14924.3 | 14712.1 | 14447.2 | 14129.9 | 13754.8 | 13312.3 | 12801.4 | 12215.6 |
| 7.5° | 15174.8 | 15170.4 | 15112.2 | 14978.3 | 14774.7 | 14518.2 | 14206.0 | 13838.1 | 13401.7 | 12895.0 | 12315.5 |
| 5° | 15170.0 | 15177.2 | 15136.4 | 15017.7 | 14820.2 | 14569.6 | 14261.1 | 13898.2 | 13466.2 | 12962.3 | 12387.4 |
| 2.5° | 15167.1 | 15181.3 | 15151.1 | 15041.7 | 14847.8 | 14600.8 | 14294.4 | 13934.6 | 13505.2 | 13003.0 | 12430.7 |
| 0° | 15166.1 | 15182.7 | 15156.1 | 15049.8 | 14857.1 | 14611.3 | 14305.6 | 13946.8 | 13518.2 | 13016.6 | 12445.2 |
| -2.5° | 15167.1 | 15181.3 | 15151.1 | 15041.7 | 14847.8 | 14600.8 | 14294.4 | 13934.6 | 13505.2 | 13003.0 | 12430.7 |
| -5° | 15170.0 | 15177.2 | 15136.4 | 15017.7 | 14820.2 | 14569.6 | 14261.1 | 13898.2 | 13466.2 | 12962.3 | 12387.4 |
| -7.5° | 15174.8 | 15170.4 | 15112.2 | 14978.3 | 14774.7 | 14518.2 | 14206.0 | 13838.1 | 13401.7 | 12895.0 | 12315.5 |
| -10° | 15181.2 | 15161.2 | 15079.3 | 14924.3 | 14712.1 | 14447.2 | 14129.9 | 13754.8 | 13312.3 | 12801.4 | 12215.6 |
| -12.5° | 15172.6 | 15131.4 | 15029.0 | 14856.6 | 14633.4 | 14357.8 | 14033.6 | 13649.2 | 13198.7 | 12682.5 | 12088.4 |
| -15° | 15158.1 | 15078.6 | 14941.5 | 14754.6 | 14522.5 | 14241.5 | 13912.8 | 13522.4 | 13062.0 | 12539.0 | 11934.7 |
| -17.5° | 15099.3 | 14994.1 | 14838.4 | 14638.3 | 14389.3 | 14097.2 | 13753.8 | 13351.3 | 12887.7 | 12360.3 | 11751.8 |
| -20° | 15012.0 | 14876.0 | 14699.0 | 14484.3 | 14229.3 | 13933.5 | 13575.0 | 13157.6 | 12683.3 | 12140.4 | 11517.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 14876.0 | 14719.5 | 14532.8 | 14309.7 | 14038.6 | 13721.6 | 13354.2 | 12933.3 | 12456.8 | 11896.1 | 11255.6 |
| -25° | 14699.0 | 14532.8 | 14333.1 | 14091.0 | 13811.4 | 13488.3 | 13104.2 | 12667.8 | 12171.2 | 11605.2 | 10965.2 |
| -27.5° | 14484.3 | 14309.7 | 14091.0 | 13841.6 | 13550.8 | 13202.4 | 12811.3 | 12372.3 | 11861.4 | 11271.7 | 10627.9 |
| -30° | 14229.3 | 14038.6 | 13811.4 | 13550.8 | 13235.4 | 12884.0 | 12487.9 | 12019.4 | 11492.4 | 10906.6 | 10266.5 |
| -32.5° | 13933.5 | 13721.6 | 13488.3 | 13202.4 | 12884.0 | 12523.3 | 12099.3 | 11626.7 | 11088.9 | 10495.8 | 9850.7 |
| -35° | 13575.0 | 13354.2 | 13104.2 | 12811.3 | 12487.9 | 12099.3 | 11671.8 | 11176.7 | 10635.2 | 10051.1 | 9402.2 |
| -37.5° | 13157.6 | 12933.3 | 12667.8 | 12372.3 | 12019.4 | 11626.7 | 11176.7 | 10681.9 | 10152.3 | 9550.4 | 8897.2 |
| -40° | 12683.3 | 12456.8 | 12171.2 | 11861.4 | 11492.4 | 11088.9 | 10635.2 | 10152.3 | 9600.1 | 9005.1 | 8354.4 |
| -42.5° | 12140.4 | 11896.1 | 11605.2 | 11271.7 | 10906.6 | 10495.8 | 10051.1 | 9550.4 | 9005.1 | 8407.5 | 7733.9 |
| -45° | 11517.1 | 11255.6 | 10965.2 | 10627.9 | 10266.5 | 9850.7 | 9402.2 | 8897.2 | 8354.4 | 7733.9 | 7076.4 |
| -47.5° | 10816.0 | 10553.3 | 10264.6 | 9926.9 | 9554.5 | 9147.5 | 8683.3 | 8191.1 | 7616.0 | 7015.5 | 6368.3 |
| -50° | 10053.3 | 9784.6 | 9488.9 | 9158.1 | 8775.2 | 8366.8 | 7895.9 | 7382.1 | 6833.9 | 6248.6 | 5648.5 |
| -52.5° | 9212.1 | 8938.0 | 8635.9 | 8307.1 | 7916.5 | 7489.0 | 7033.8 | 6534.2 | 6010.7 | 5477.0 | 4927.3 |
| -55° | 8279.4 | 8001.2 | 7687.4 | 7345.5 | 6971.9 | 6559.1 | 6120.7 | 5664.5 | 5193.7 | 4702.2 | 4261.0 |
| -57.5° | 7226.5 | 6961.3 | 6660.8 | 6332.9 | 5978.7 | 5607.3 | 5216.0 | 4802.7 | 4413.6 | 4022.5 | 3631.1 |
| -60° | 6120.7 | 5873.1 | 5607.3 | 5317.2 | 5003.4 | 4670.7 | 4362.3 | 4036.1 | 3692.9 | 3413.2 | 3123.7 |
| -62.5° | 5029.9 | 4812.5 | 4588.9 | 4362.3 | 4117.1 | 3853.8 | 3598.5 | 3368.8 | 3126.9 | 2878.5 | 2658.0 |
| -65° | 4047.5 | 3879.3 | 3692.9 | 3533.3 | 3362.4 | 3178.8 | 2983.0 | 2796.8 | 2614.4 | 2423.1 | 2229.4 |
| -67.5° | 3239.6 | 3123.7 | 2995.3 | 2862.7 | 2735.5 | 2598.7 | 2452.7 | 2297.9 | 2159.1 | 2023.5 | 1881.7 |
| -70° | 2577.3 | 2492.2 | 2397.8 | 2294.3 | 2196.8 | 2101.2 | 1999.1 | 1890.8 | 1776.4 | 1675.7 | 1580.0 |
| -72.5° | 2028.7 | 1970.3 | 1905.4 | 1834.3 | 1757.1 | 1689.1 | 1621.5 | 1549.6 | 1473.7 | 1394.0 | 1314.6 |
| -75° | 1592.6 | 1554.7 | 1512.7 | 1466.6 | 1416.5 | 1362.5 | 1309.6 | 1255.5 | 1198.4 | 1138.3 | 1075.4 |
| -77.5° | 1239.8 | 1212.1 | 1181.4 | 1147.7 | 1111.1 | 1071.6 | 1029.3 | 983.7 | 933.9 | 881.6 | 826.7 |
| -80° | 911.8 | 888.7 | 863.1 | 834.9 | 804.3 | 771.4 | 736.1 | 698.5 | 658.8 | 618.9 | 579.1 |
| -82.5° | 578.1 | 562.4 | 545.0 | 525.9 | 505.1 | 482.7 | 458.7 | 433.2 | 406.2 | 377.7 | 347.9 |
| -85° | 281.7 | 274.5 | 266.6 | 257.8 | 248.3 | 238.1 | 227.1 | 215.5 | 203.1 | 190.1 | 176.5 |
| -87.5° | 78.1 | 76.8 | 75.3 | 73.7 | 72.0 | 70.1 | 68.1 | 65.9 | 63.6 | 61.3 | 58.8 |
| -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: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-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° | 56.1 | 53.4 | 50.6 | 47.7 | 44.6 | 41.5 | 38.4 | 35.1 | 31.8 | 28.4 | 25.0 |
| 85° | 162.2 | 147.4 | 132.0 | 116.1 | 99.7 | 83.0 | 76.7 | 70.2 | 63.5 | 56.8 | 49.9 |
| 82.5° | 316.8 | 292.1 | 269.0 | 245.2 | 220.6 | 195.3 | 169.4 | 142.9 | 115.9 | 88.4 | 74.8 |
| 80° | 537.5 | 494.3 | 449.5 | 403.2 | 355.5 | 307.3 | 272.8 | 237.5 | 201.5 | 164.9 | 127.7 |
| 77.5° | 769.4 | 709.9 | 648.2 | 589.4 | 529.8 | 468.5 | 405.8 | 341.7 | 286.5 | 240.8 | 194.4 |
| 75° | 1009.7 | 938.7 | 864.6 | 788.1 | 709.4 | 629.4 | 554.2 | 477.4 | 399.0 | 319.3 | 260.5 |
| 72.5° | 1237.9 | 1158.2 | 1075.7 | 990.1 | 898.3 | 804.1 | 707.6 | 611.7 | 520.5 | 427.8 | 333.7 |
| 70° | 1480.3 | 1376.9 | 1278.8 | 1181.5 | 1081.4 | 977.8 | 867.7 | 755.3 | 640.9 | 535.0 | 427.8 |
| 67.5° | 1734.9 | 1618.3 | 1497.8 | 1373.7 | 1257.8 | 1142.5 | 1024.6 | 899.7 | 771.3 | 640.9 | 520.5 |
| 65° | 2065.0 | 1894.6 | 1723.1 | 1585.2 | 1443.5 | 1303.9 | 1173.2 | 1039.9 | 899.7 | 755.3 | 611.7 |
| 62.5° | 2428.8 | 2204.3 | 2010.6 | 1811.2 | 1637.9 | 1478.6 | 1319.3 | 1173.2 | 1024.6 | 867.7 | 707.6 |
| 60° | 2836.6 | 2577.3 | 2310.0 | 2080.6 | 1857.8 | 1655.6 | 1478.6 | 1303.9 | 1142.5 | 977.8 | 804.1 |
| 57.5° | 3304.7 | 2967.4 | 2667.1 | 2369.6 | 2104.1 | 1857.8 | 1637.9 | 1443.5 | 1257.8 | 1081.4 | 898.3 |
| 55° | 3805.3 | 3414.2 | 3040.0 | 2697.2 | 2369.6 | 2080.6 | 1811.2 | 1585.2 | 1373.7 | 1181.5 | 990.1 |
| 52.5° | 4405.4 | 3900.8 | 3450.8 | 3040.0 | 2667.1 | 2310.0 | 2010.6 | 1723.1 | 1497.8 | 1278.8 | 1075.7 |
| 50° | 5040.6 | 4453.7 | 3900.8 | 3414.2 | 2967.4 | 2577.3 | 2204.3 | 1894.6 | 1618.3 | 1376.9 | 1158.2 |
| 47.5° | 5705.9 | 5040.6 | 4405.4 | 3805.3 | 3304.7 | 2836.6 | 2428.8 | 2065.0 | 1734.9 | 1480.3 | 1237.9 |
| 45° | 6368.3 | 5648.5 | 4927.3 | 4261.0 | 3631.1 | 3123.7 | 2658.0 | 2229.4 | 1881.7 | 1580.0 | 1314.6 |
| 42.5° | 7015.5 | 6248.6 | 5477.0 | 4702.2 | 4022.5 | 3413.2 | 2878.5 | 2423.1 | 2023.5 | 1675.7 | 1394.0 |
| 40° | 7616.0 | 6833.9 | 6010.7 | 5193.7 | 4413.6 | 3692.9 | 3126.9 | 2614.4 | 2159.1 | 1776.4 | 1473.7 |
| 37.5° | 8191.1 | 7382.1 | 6534.2 | 5664.5 | 4802.7 | 4036.1 | 3368.8 | 2796.8 | 2297.9 | 1890.8 | 1549.6 |
| 35° | 8683.3 | 7895.9 | 7033.8 | 6120.7 | 5216.0 | 4362.3 | 3598.5 | 2983.0 | 2452.7 | 1999.1 | 1621.5 |
| 32.5° | 9147.5 | 8366.8 | 7489.0 | 6559.1 | 5607.3 | 4670.7 | 3853.8 | 3178.8 | 2598.7 | 2101.2 | 1689.1 |
| 30° | 9554.5 | 8775.2 | 7916.5 | 6971.9 | 5978.7 | 5003.4 | 4117.1 | 3362.4 | 2735.5 | 2196.8 | 1757.1 |
| 27.5° | 9926.9 | 9158.1 | 8307.1 | 7345.5 | 6332.9 | 5317.2 | 4362.3 | 3533.3 | 2862.7 | 2294.3 | 1834.3 |
| 25° | 10264.6 | 9488.9 | 8635.9 | 7687.4 | 6660.8 | 5607.3 | 4588.9 | 3692.9 | 2995.3 | 2397.8 | 1905.4 |
| 22.5° | 10553.3 | 9784.6 | 8938.0 | 8001.2 | 6961.3 | 5873.1 | 4812.5 | 3879.3 | 3123.7 | 2492.2 | 1970.3 |
| 20° | 10816.0 | 10053.3 | 9212.1 | 8279.4 | 7226.5 | 6120.7 | 5029.9 | 4047.5 | 3239.6 | 2577.3 | 2028.7 |
| 17.5° | 11048.6 | 10282.6 | 9437.5 | 8504.1 | 7458.3 | 6341.4 | 5223.5 | 4197.2 | 3342.7 | 2653.0 | 2080.6 |
| 15° | 11239.1 | 10473.2 | 9631.3 | 8700.8 | 7661.2 | 6534.2 | 5392.5 | 4327.9 | 3432.6 | 2718.9 | 2125.9 |
| 12.5° | 11402.4 | 10636.3 | 9797.0 | 8868.8 | 7834.3 | 6698.6 | 5536.5 | 4439.1 | 3509.1 | 2775.1 | 2164.4 |
| 10° | 11537.4 | 10771.0 | 9933.7 | 9007.2 | 7976.8 | 6833.9 | 5655.0 | 4530.6 | 3571.9 | 2821.2 | 2196.0 |
| 7.5° | 11643.3 | 10876.5 | 10040.8 | 9115.6 | 8088.3 | 6939.7 | 5747.5 | 4602.1 | 3621.0 | 2857.2 | 2220.7 |
| 5° | 11719.5 | 10952.4 | 10117.7 | 9193.4 | 8168.3 | 7015.5 | 5813.9 | 4653.2 | 3656.2 | 2882.9 | 2238.3 |
| 2.5° | 11765.4 | 10998.0 | 10163.9 | 9240.2 | 8216.4 | 7061.2 | 5853.8 | 4684.0 | 3677.3 | 2898.4 | 2249.0 |
| 0° | 11780.7 | 11013.3 | 10179.4 | 9255.8 | 8232.5 | 7076.4 | 5867.1 | 4694.3 | 3684.4 | 2903.6 | 2252.5 |
| -2.5° | 11765.4 | 10998.0 | 10163.9 | 9240.2 | 8216.4 | 7061.2 | 5853.8 | 4684.0 | 3677.3 | 2898.4 | 2249.0 |
| -5° | 11719.5 | 10952.4 | 10117.7 | 9193.4 | 8168.3 | 7015.5 | 5813.9 | 4653.2 | 3656.2 | 2882.9 | 2238.3 |
| -7.5° | 11643.3 | 10876.5 | 10040.8 | 9115.6 | 8088.3 | 6939.7 | 5747.5 | 4602.1 | 3621.0 | 2857.2 | 2220.7 |
| -10° | 11537.4 | 10771.0 | 9933.7 | 9007.2 | 7976.8 | 6833.9 | 5655.0 | 4530.6 | 3571.9 | 2821.2 | 2196.0 |
| -12.5° | 11402.4 | 10636.3 | 9797.0 | 8868.8 | 7834.3 | 6698.6 | 5536.5 | 4439.1 | 3509.1 | 2775.1 | 2164.4 |
| -15° | 11239.1 | 10473.2 | 9631.3 | 8700.8 | 7661.2 | 6534.2 | 5392.5 | 4327.9 | 3432.6 | 2718.9 | 2125.9 |
| -17.5° | 11048.6 | 10282.6 | 9437.5 | 8504.1 | 7458.3 | 6341.4 | 5223.5 | 4197.2 | 3342.7 | 2653.0 | 2080.6 |
| -20° | 10816.0 | 10053.3 | 9212.1 | 8279.4 | 7226.5 | 6120.7 | 5029.9 | 4047.5 | 3239.6 | 2577.3 | 2028.7 |



REPORT NUMBER: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-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° | 10553.3 | 9784.6 | 8938.0 | 8001.2 | 6961.3 | 5873.1 | 4812.5 | 3879.3 | 3123.7 | 2492.2 | 1970.3 |
| -25° | 10264.6 | 9488.9 | 8635.9 | 7687.4 | 6660.8 | 5607.3 | 4588.9 | 3692.9 | 2995.3 | 2397.8 | 1905.4 |
| -27.5° | 9926.9 | 9158.1 | 8307.1 | 7345.5 | 6332.9 | 5317.2 | 4362.3 | 3533.3 | 2862.7 | 2294.3 | 1834.3 |
| -30° | 9554.5 | 8775.2 | 7916.5 | 6971.9 | 5978.7 | 5003.4 | 4117.1 | 3362.4 | 2735.5 | 2196.8 | 1757.1 |
| -32.5° | 9147.5 | 8366.8 | 7489.0 | 6559.1 | 5607.3 | 4670.7 | 3853.8 | 3178.8 | 2598.7 | 2101.2 | 1689.1 |
| -35° | 8683.3 | 7895.9 | 7033.8 | 6120.7 | 5216.0 | 4362.3 | 3598.5 | 2983.0 | 2452.7 | 1999.1 | 1621.5 |
| -37.5° | 8191.1 | 7382.1 | 6534.2 | 5664.5 | 4802.7 | 4036.1 | 3368.8 | 2796.8 | 2297.9 | 1890.8 | 1549.6 |
| -40° | 7616.0 | 6833.9 | 6010.7 | 5193.7 | 4413.6 | 3692.9 | 3126.9 | 2614.4 | 2159.1 | 1776.4 | 1473.7 |
| -42.5° | 7015.5 | 6248.6 | 5477.0 | 4702.2 | 4022.5 | 3413.2 | 2878.5 | 2423.1 | 2023.5 | 1675.7 | 1394.0 |
| -45° | 6368.3 | 5648.5 | 4927.3 | 4261.0 | 3631.1 | 3123.7 | 2658.0 | 2229.4 | 1881.7 | 1580.0 | 1314.6 |
| -47.5° | 5705.9 | 5040.6 | 4405.4 | 3805.3 | 3304.7 | 2836.6 | 2428.8 | 2065.0 | 1734.9 | 1480.3 | 1237.9 |
| -50° | 5040.6 | 4453.7 | 3900.8 | 3414.2 | 2967.4 | 2577.3 | 2204.3 | 1894.6 | 1618.3 | 1376.9 | 1158.2 |
| -52.5° | 4405.4 | 3900.8 | 3450.8 | 3040.0 | 2667.1 | 2310.0 | 2010.6 | 1723.1 | 1497.8 | 1278.8 | 1075.7 |
| -55° | 3805.3 | 3414.2 | 3040.0 | 2697.2 | 2369.6 | 2080.6 | 1811.2 | 1585.2 | 1373.7 | 1181.5 | 990.1 |
| -57.5° | 3304.7 | 2967.4 | 2667.1 | 2369.6 | 2104.1 | 1857.8 | 1637.9 | 1443.5 | 1257.8 | 1081.4 | 898.3 |
| -60° | 2836.6 | 2577.3 | 2310.0 | 2080.6 | 1857.8 | 1655.6 | 1478.6 | 1303.9 | 1142.5 | 977.8 | 804.1 |
| -62.5° | 2428.8 | 2204.3 | 2010.6 | 1811.2 | 1637.9 | 1478.6 | 1319.3 | 1173.2 | 1024.6 | 867.7 | 707.6 |
| -65° | 2065.0 | 1894.6 | 1723.1 | 1585.2 | 1443.5 | 1303.9 | 1173.2 | 1039.9 | 899.7 | 755.3 | 611.7 |
| -67.5° | 1734.9 | 1618.3 | 1497.8 | 1373.7 | 1257.8 | 1142.5 | 1024.6 | 899.7 | 771.3 | 640.9 | 520.5 |
| -70° | 1480.3 | 1376.9 | 1278.8 | 1181.5 | 1081.4 | 977.8 | 867.7 | 755.3 | 640.9 | 535.0 | 427.8 |
| -72.5° | 1237.9 | 1158.2 | 1075.7 | 990.1 | 898.3 | 804.1 | 707.6 | 611.7 | 520.5 | 427.8 | 333.7 |
| -75° | 1009.7 | 938.7 | 864.6 | 788.1 | 709.4 | 629.4 | 554.2 | 477.4 | 399.0 | 319.3 | 260.5 |
| -77.5° | 769.4 | 709.9 | 648.2 | 589.4 | 529.8 | 468.5 | 405.8 | 341.7 | 286.5 | 240.8 | 194.4 |
| -80° | 537.5 | 494.3 | 449.5 | 403.2 | 355.5 | 307.3 | 272.8 | 237.5 | 201.5 | 164.9 | 127.7 |
| -82.5° | 316.8 | 292.1 | 269.0 | 245.2 | 220.6 | 195.3 | 169.4 | 142.9 | 115.9 | 88.4 | 74.8 |
| -85° | 162.2 | 147.4 | 132.0 | 116.1 | 99.7 | 83.0 | 76.7 | 70.2 | 63.5 | 56.8 | 49.9 |
| -87.5° | 56.1 | 53.4 | 50.6 | 47.7 | 44.6 | 41.5 | 38.4 | 35.1 | 31.8 | 28.4 | 25.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-730-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° | 21.5 | 18.0 | 14.4 | 10.8 | 7.2 | 3.6 | 0.0 |
| 85° | 43.0 | 35.9 | 28.8 | 21.7 | 14.5 | 7.2 | 0.0 |
| 82.5° | 64.4 | 53.8 | 43.2 | 32.4 | 21.7 | 10.8 | 0.0 |
| 80° | 90.0 | 71.6 | 57.4 | 43.2 | 28.8 | 14.4 | 0.0 |
| 77.5° | 147.4 | 99.8 | 71.6 | 53.8 | 35.9 | 18.0 | 0.0 |
| 75° | 204.3 | 147.4 | 90.0 | 64.4 | 43.0 | 21.5 | 0.0 |
| 72.5° | 260.5 | 194.4 | 127.7 | 74.8 | 49.9 | 25.0 | 0.0 |
| 70° | 319.3 | 240.8 | 164.9 | 88.4 | 56.8 | 28.4 | 0.0 |
| 67.5° | 399.0 | 286.5 | 201.5 | 115.9 | 63.5 | 31.8 | 0.0 |
| 65° | 477.4 | 341.7 | 237.5 | 142.9 | 70.2 | 35.1 | 0.0 |
| 62.5° | 554.2 | 405.8 | 272.8 | 169.4 | 76.7 | 38.4 | 0.0 |
| 60° | 629.4 | 468.5 | 307.3 | 195.3 | 83.0 | 41.5 | 0.0 |
| 57.5° | 709.4 | 529.8 | 355.5 | 220.6 | 99.7 | 44.6 | 0.0 |
| 55° | 788.1 | 589.4 | 403.2 | 245.2 | 116.1 | 47.7 | 0.0 |
| 52.5° | 864.6 | 648.2 | 449.5 | 269.0 | 132.0 | 50.6 | 0.0 |
| 50° | 938.7 | 709.9 | 494.3 | 292.1 | 147.4 | 53.4 | 0.0 |
| 47.5° | 1009.7 | 769.4 | 537.5 | 316.8 | 162.2 | 56.1 | 0.0 |
| 45° | 1075.4 | 826.7 | 579.1 | 347.9 | 176.5 | 58.8 | 0.0 |
| 42.5° | 1138.3 | 881.6 | 618.9 | 377.7 | 190.1 | 61.3 | 0.0 |
| 40° | 1198.4 | 933.9 | 658.8 | 406.2 | 203.1 | 63.6 | 0.0 |
| 37.5° | 1255.5 | 983.7 | 698.5 | 433.2 | 215.5 | 65.9 | 0.0 |
| 35° | 1309.6 | 1029.3 | 736.1 | 458.7 | 227.1 | 68.1 | 0.0 |
| 32.5° | 1362.5 | 1071.6 | 771.4 | 482.7 | 238.1 | 70.1 | 0.0 |
| 30° | 1416.5 | 1111.1 | 804.3 | 505.1 | 248.3 | 72.0 | 0.0 |
| 27.5° | 1466.6 | 1147.7 | 834.9 | 525.9 | 257.8 | 73.7 | 0.0 |
| 25° | 1512.7 | 1181.4 | 863.1 | 545.0 | 266.6 | 75.3 | 0.0 |
| 22.5° | 1554.7 | 1212.1 | 888.7 | 562.4 | 274.5 | 76.8 | 0.0 |
| 20° | 1592.6 | 1239.8 | 911.8 | 578.1 | 281.7 | 78.1 | 0.0 |
| 17.5° | 1626.3 | 1264.3 | 932.3 | 592.0 | 288.0 | 79.3 | 0.0 |
| 15° | 1655.6 | 1285.7 | 950.2 | 604.1 | 293.6 | 80.3 | 0.0 |
| 12.5° | 1680.5 | 1303.9 | 965.3 | 614.4 | 298.3 | 81.1 | 0.0 |
| 10° | 1700.9 | 1318.8 | 977.8 | 622.8 | 302.1 | 81.8 | 0.0 |
| 7.5° | 1716.9 | 1330.5 | 987.5 | 629.4 | 305.1 | 82.4 | 0.0 |
| 5° | 1728.3 | 1338.8 | 994.4 | 634.1 | 307.3 | 82.8 | 0.0 |
| 2.5° | 1735.2 | 1343.8 | 998.6 | 637.0 | 308.6 | 83.0 | 0.0 |
| 0° | 1737.5 | 1345.5 | 1000.0 | 637.9 | 309.0 | 83.1 | 0.0 |
| -2.5° | 1735.2 | 1343.8 | 998.6 | 637.0 | 308.6 | 83.0 | 0.0 |
| -5° | 1728.3 | 1338.8 | 994.4 | 634.1 | 307.3 | 82.8 | 0.0 |
| -7.5° | 1716.9 | 1330.5 | 987.5 | 629.4 | 305.1 | 82.4 | 0.0 |
| -10° | 1700.9 | 1318.8 | 977.8 | 622.8 | 302.1 | 81.8 | 0.0 |
| -12.5° | 1680.5 | 1303.9 | 965.3 | 614.4 | 298.3 | 81.1 | 0.0 |
| -15° | 1655.6 | 1285.7 | 950.2 | 604.1 | 293.6 | 80.3 | 0.0 |
| -17.5° | 1626.3 | 1264.3 | 932.3 | 592.0 | 288.0 | 79.3 | 0.0 |
| -20° | 1592.6 | 1239.8 | 911.8 | 578.1 | 281.7 | 78.1 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P645588 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|--------|-------|-------|-------|-------|-----|
| -22.5° | 1554.7 | 1212.1 | 888.7 | 562.4 | 274.5 | 76.8 | 0.0 |
| -25° | 1512.7 | 1181.4 | 863.1 | 545.0 | 266.6 | 75.3 | 0.0 |
| -27.5° | 1466.6 | 1147.7 | 834.9 | 525.9 | 257.8 | 73.7 | 0.0 |
| -30° | 1416.5 | 1111.1 | 804.3 | 505.1 | 248.3 | 72.0 | 0.0 |
| -32.5° | 1362.5 | 1071.6 | 771.4 | 482.7 | 238.1 | 70.1 | 0.0 |
| -35° | 1309.6 | 1029.3 | 736.1 | 458.7 | 227.1 | 68.1 | 0.0 |
| -37.5° | 1255.5 | 983.7 | 698.5 | 433.2 | 215.5 | 65.9 | 0.0 |
| -40° | 1198.4 | 933.9 | 658.8 | 406.2 | 203.1 | 63.6 | 0.0 |
| -42.5° | 1138.3 | 881.6 | 618.9 | 377.7 | 190.1 | 61.3 | 0.0 |
| -45° | 1075.4 | 826.7 | 579.1 | 347.9 | 176.5 | 58.8 | 0.0 |
| -47.5° | 1009.7 | 769.4 | 537.5 | 316.8 | 162.2 | 56.1 | 0.0 |
| -50° | 938.7 | 709.9 | 494.3 | 292.1 | 147.4 | 53.4 | 0.0 |
| -52.5° | 864.6 | 648.2 | 449.5 | 269.0 | 132.0 | 50.6 | 0.0 |
| -55° | 788.1 | 589.4 | 403.2 | 245.2 | 116.1 | 47.7 | 0.0 |
| -57.5° | 709.4 | 529.8 | 355.5 | 220.6 | 99.7 | 44.6 | 0.0 |
| -60° | 629.4 | 468.5 | 307.3 | 195.3 | 83.0 | 41.5 | 0.0 |
| -62.5° | 554.2 | 405.8 | 272.8 | 169.4 | 76.7 | 38.4 | 0.0 |
| -65° | 477.4 | 341.7 | 237.5 | 142.9 | 70.2 | 35.1 | 0.0 |
| -67.5° | 399.0 | 286.5 | 201.5 | 115.9 | 63.5 | 31.8 | 0.0 |
| -70° | 319.3 | 240.8 | 164.9 | 88.4 | 56.8 | 28.4 | 0.0 |
| -72.5° | 260.5 | 194.4 | 127.7 | 74.8 | 49.9 | 25.0 | 0.0 |
| -75° | 204.3 | 147.4 | 90.0 | 64.4 | 43.0 | 21.5 | 0.0 |
| -77.5° | 147.4 | 99.8 | 71.6 | 53.8 | 35.9 | 18.0 | 0.0 |
| -80° | 90.0 | 71.6 | 57.4 | 43.2 | 28.8 | 14.4 | 0.0 |
| -82.5° | 64.4 | 53.8 | 43.2 | 32.4 | 21.7 | 10.8 | 0.0 |
| -85° | 43.0 | 35.9 | 28.8 | 21.7 | 14.5 | 7.2 | 0.0 |
| -87.5° | 21.5 | 18.0 | 14.4 | 10.8 | 7.2 | 3.6 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)