

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: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4E-735-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645494 (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-735-U-LAM-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, LAMBERTIAN
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

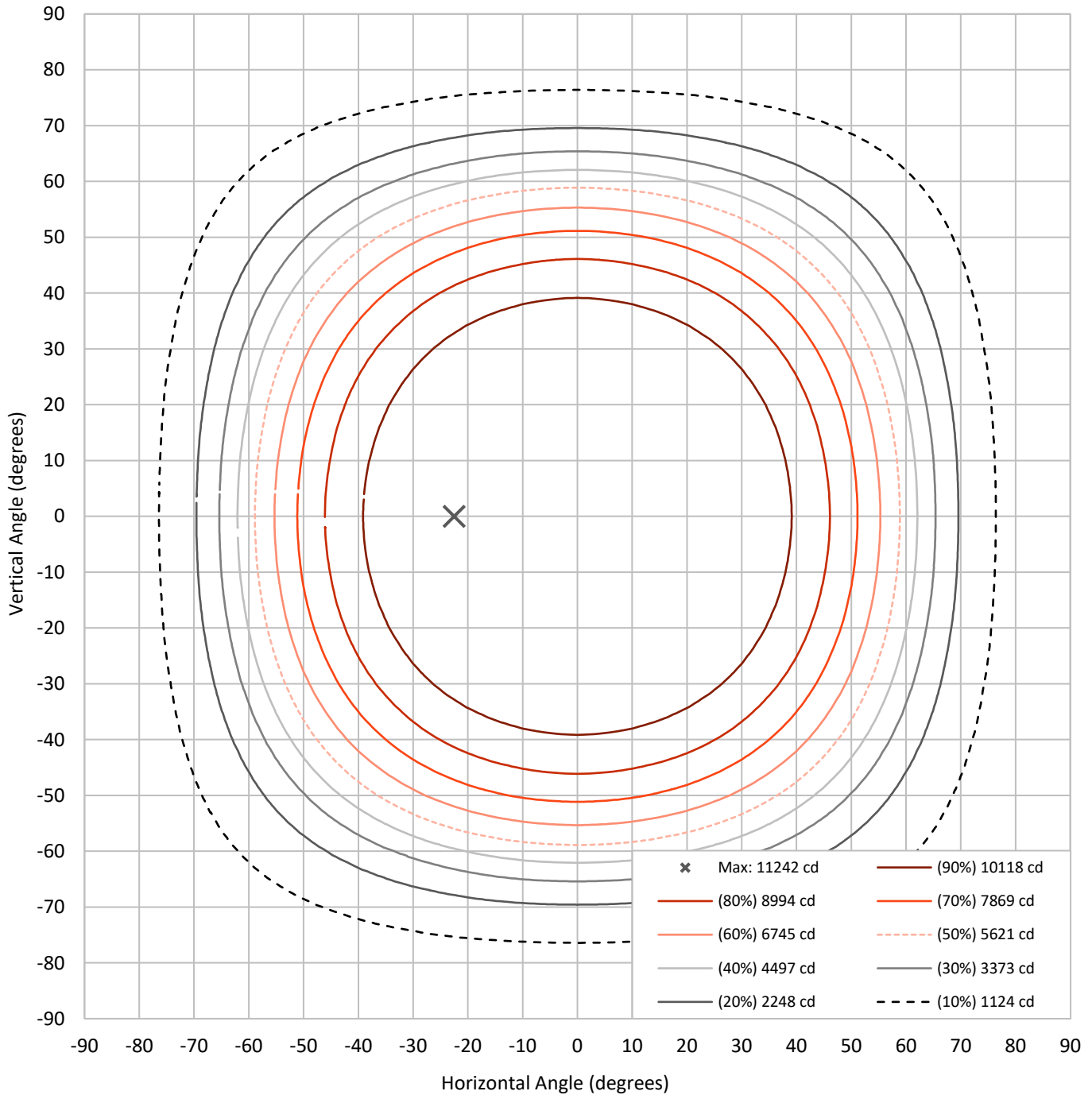
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 34390.1 lumens | Max Intensity: | 11242 candela |
| Efficiency: | N/A | Max Intensity Angle: | -22.5°H x 0°V |
| Efficacy: | 134.4 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: | 28620 lumens | Field Lumens: | 33713.7 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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CATALOG NUMBER: GFLD-SA4E-735-U-LAM-XX

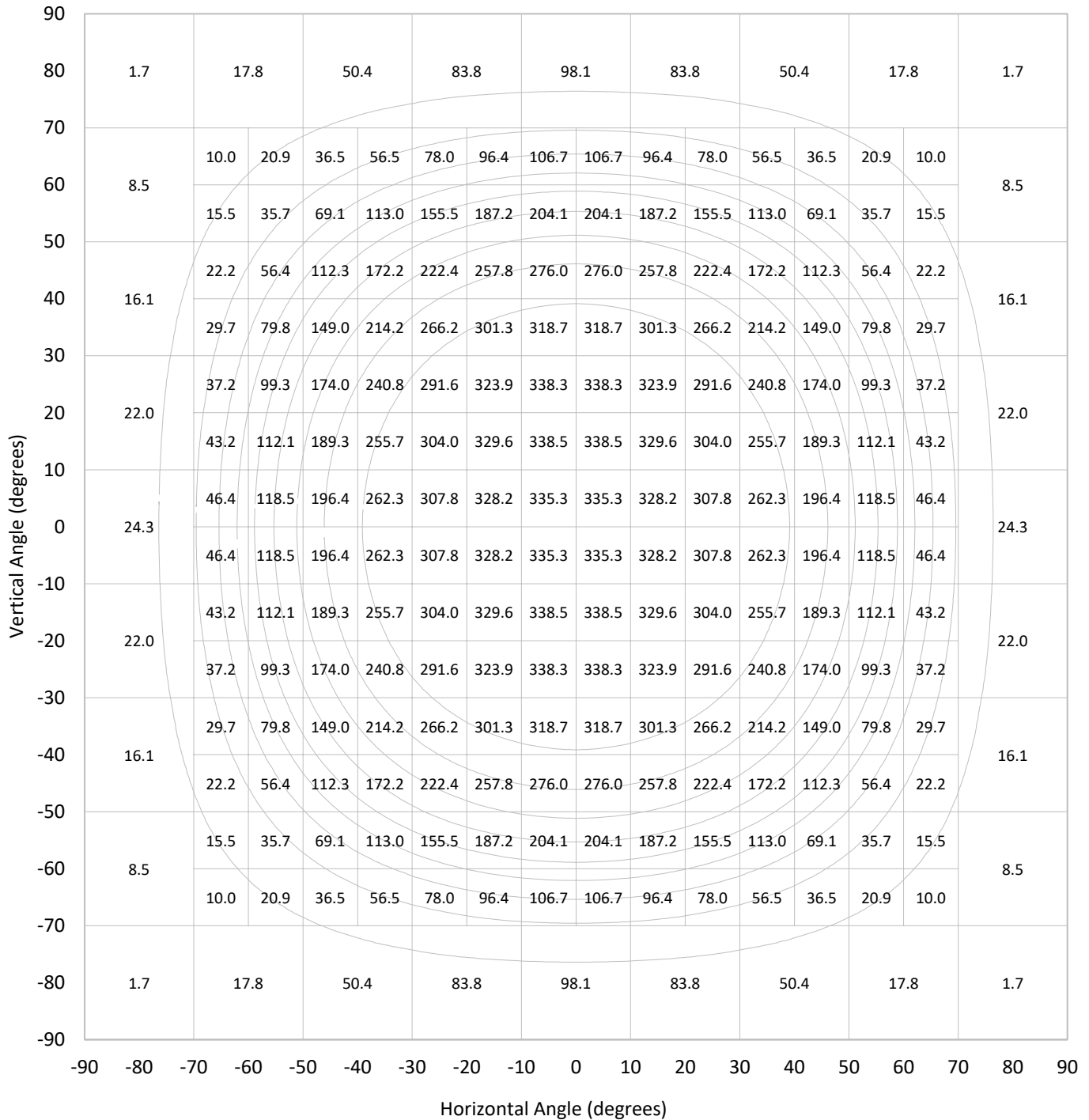
Iso-Candela Plot





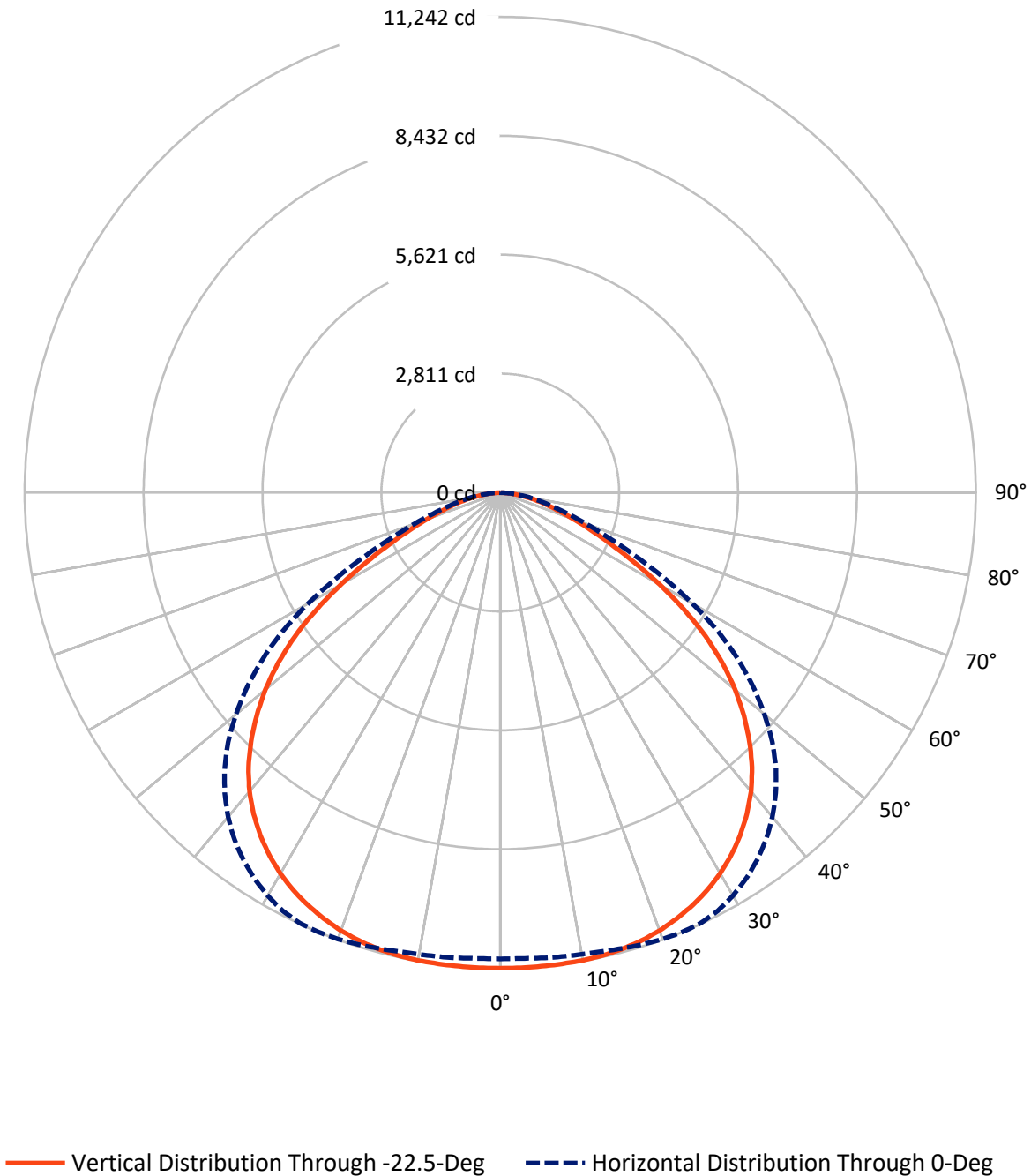
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Lumen Table



REPORT NUMBER: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-735-U-LAM-XX

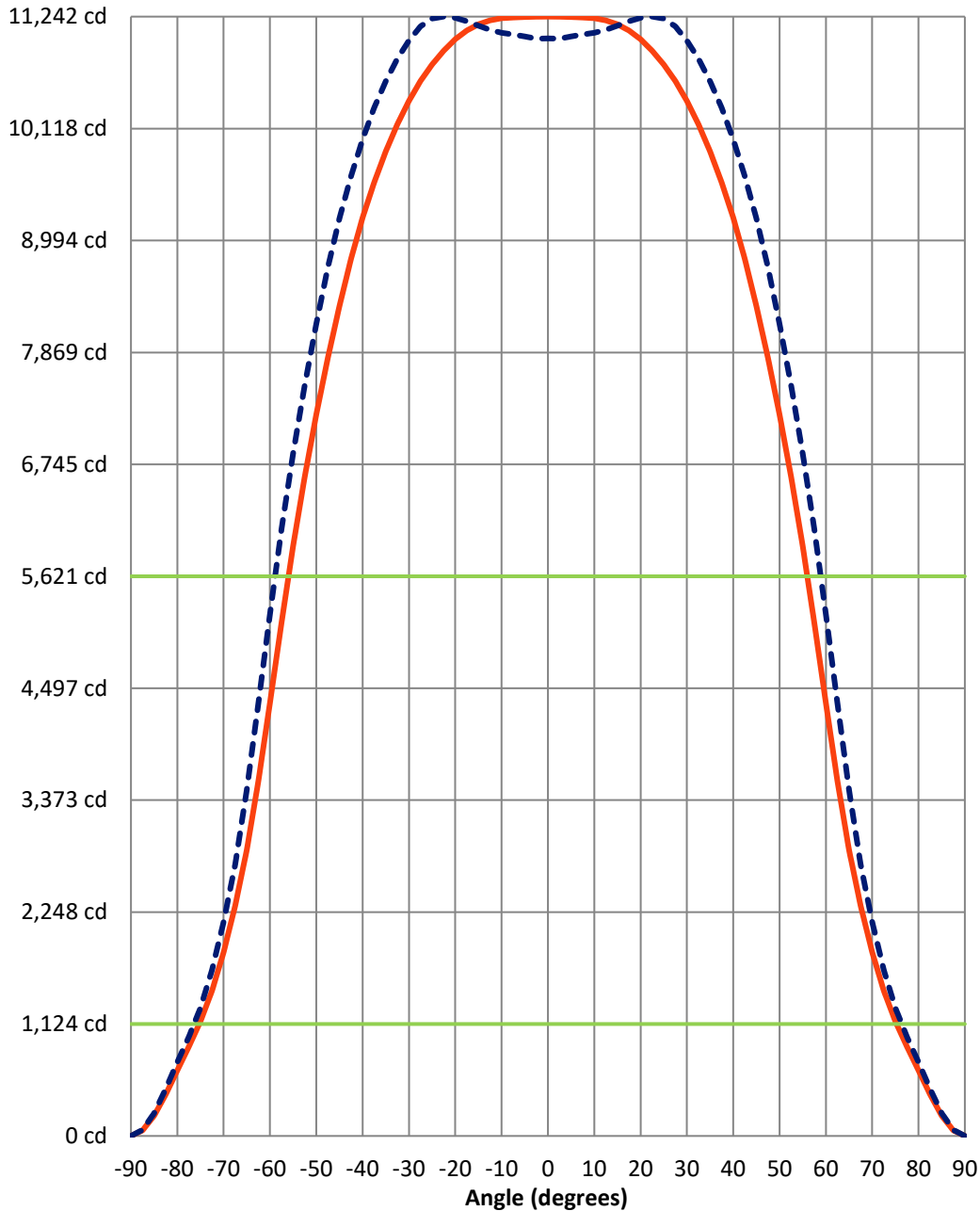
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 28620
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 33713.7
 Efficiency: 98.0%

Spill:
 Lumens: 676.3
 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 | 8.0 | 10.7 | 13.3 | 15.9 | 18.5 | 21.0 | 23.5 | 26.0 |
| 85° | 0.0 | 5.4 | 10.7 | 16.0 | 21.3 | 26.6 | 31.8 | 36.9 | 42.0 | 47.0 | 51.9 |
| 82.5° | 0.0 | 8.0 | 16.0 | 24.0 | 31.9 | 39.8 | 47.6 | 55.3 | 65.4 | 85.8 | 105.8 |
| 80° | 0.0 | 10.7 | 21.3 | 31.9 | 42.5 | 53.0 | 66.6 | 94.5 | 122.1 | 149.2 | 175.8 |
| 77.5° | 0.0 | 13.3 | 26.6 | 39.8 | 53.0 | 73.9 | 109.1 | 143.9 | 178.3 | 212.1 | 253.0 |
| 75° | 0.0 | 15.9 | 31.8 | 47.6 | 66.6 | 109.1 | 151.2 | 192.9 | 236.5 | 295.4 | 353.4 |
| 72.5° | 0.0 | 18.5 | 36.9 | 55.3 | 94.5 | 143.9 | 192.9 | 247.1 | 316.8 | 385.4 | 452.9 |
| 70° | 0.0 | 21.0 | 42.0 | 65.4 | 122.1 | 178.3 | 236.5 | 316.8 | 396.1 | 474.5 | 559.3 |
| 67.5° | 0.0 | 23.5 | 47.0 | 85.8 | 149.2 | 212.1 | 295.4 | 385.4 | 474.5 | 571.1 | 666.1 |
| 65° | 0.0 | 26.0 | 51.9 | 105.8 | 175.8 | 253.0 | 353.4 | 452.9 | 559.3 | 666.1 | 769.9 |
| 62.5° | 0.0 | 28.4 | 56.7 | 125.4 | 202.0 | 300.5 | 410.3 | 523.9 | 642.4 | 758.6 | 868.7 |
| 60° | 0.0 | 30.7 | 61.4 | 144.6 | 227.5 | 346.9 | 466.0 | 595.3 | 723.9 | 845.9 | 965.5 |
| 57.5° | 0.0 | 33.0 | 73.8 | 163.3 | 263.2 | 392.3 | 525.2 | 665.1 | 800.7 | 931.4 | 1068.9 |
| 55° | 0.0 | 35.3 | 86.0 | 181.5 | 298.6 | 436.4 | 583.5 | 733.1 | 874.8 | 1017.2 | 1173.8 |
| 52.5° | 0.0 | 37.4 | 97.7 | 199.2 | 332.8 | 479.9 | 640.2 | 796.5 | 946.9 | 1109.1 | 1276.0 |
| 50° | 0.0 | 39.5 | 109.1 | 216.3 | 366.0 | 525.6 | 695.0 | 857.6 | 1019.5 | 1198.3 | 1402.9 |
| 47.5° | 0.0 | 41.5 | 120.1 | 234.6 | 398.0 | 569.7 | 747.6 | 916.6 | 1096.1 | 1284.7 | 1529.1 |
| 45° | 0.0 | 43.5 | 130.6 | 257.6 | 428.8 | 612.1 | 796.2 | 973.4 | 1170.0 | 1393.3 | 1650.8 |
| 42.5° | 0.0 | 45.3 | 140.7 | 279.7 | 458.2 | 652.7 | 842.8 | 1032.2 | 1240.8 | 1498.3 | 1794.2 |
| 40° | 0.0 | 47.1 | 150.4 | 300.7 | 487.8 | 691.5 | 887.4 | 1091.3 | 1315.4 | 1598.8 | 1935.9 |
| 37.5° | 0.0 | 48.8 | 159.5 | 320.7 | 517.2 | 728.3 | 929.7 | 1147.5 | 1400.1 | 1701.5 | 2070.9 |
| 35° | 0.0 | 50.4 | 168.2 | 339.6 | 545.0 | 762.1 | 969.7 | 1200.7 | 1480.3 | 1816.2 | 2208.8 |
| 32.5° | 0.0 | 51.9 | 176.3 | 357.4 | 571.1 | 793.4 | 1008.9 | 1250.8 | 1555.9 | 1924.3 | 2353.8 |
| 30° | 0.0 | 53.3 | 183.9 | 374.0 | 595.5 | 822.7 | 1048.8 | 1301.1 | 1626.6 | 2025.5 | 2489.7 |
| 27.5° | 0.0 | 54.5 | 190.9 | 389.4 | 618.2 | 849.8 | 1086.0 | 1358.2 | 1698.8 | 2119.7 | 2616.2 |
| 25° | 0.0 | 55.7 | 197.4 | 403.5 | 639.0 | 874.8 | 1120.1 | 1410.9 | 1775.5 | 2217.9 | 2734.4 |
| 22.5° | 0.0 | 56.8 | 203.3 | 416.4 | 658.0 | 897.5 | 1151.3 | 1458.9 | 1845.4 | 2313.0 | 2872.4 |
| 20° | 0.0 | 57.8 | 208.6 | 428.0 | 675.1 | 918.0 | 1179.3 | 1502.2 | 1908.4 | 2398.8 | 2997.0 |
| 17.5° | 0.0 | 58.7 | 213.3 | 438.3 | 690.3 | 936.2 | 1204.2 | 1540.7 | 1964.4 | 2475.1 | 3107.8 |
| 15° | 0.0 | 59.4 | 217.4 | 447.3 | 703.5 | 952.0 | 1225.9 | 1574.2 | 2013.3 | 2541.6 | 3204.6 |
| 12.5° | 0.0 | 60.0 | 220.8 | 454.9 | 714.7 | 965.5 | 1244.4 | 1602.7 | 2054.8 | 2598.3 | 3286.9 |
| 10° | 0.0 | 60.6 | 223.7 | 461.1 | 723.9 | 976.6 | 1259.5 | 1626.1 | 2089.0 | 2644.8 | 3354.7 |
| 7.5° | 0.0 | 61.0 | 225.9 | 466.0 | 731.1 | 985.2 | 1271.4 | 1644.3 | 2115.6 | 2681.2 | 3407.6 |
| 5° | 0.0 | 61.3 | 227.5 | 469.5 | 736.3 | 991.4 | 1279.8 | 1657.4 | 2134.7 | 2707.2 | 3445.5 |
| 2.5° | 0.0 | 61.4 | 228.5 | 471.6 | 739.4 | 995.1 | 1284.9 | 1665.3 | 2146.2 | 2722.9 | 3468.3 |
| 0° | 0.0 | 61.5 | 228.8 | 472.3 | 740.4 | 996.3 | 1286.6 | 1667.9 | 2150.0 | 2728.1 | 3475.9 |
| -2.5° | 0.0 | 61.4 | 228.5 | 471.6 | 739.4 | 995.1 | 1284.9 | 1665.3 | 2146.2 | 2722.9 | 3468.3 |
| -5° | 0.0 | 61.3 | 227.5 | 469.5 | 736.3 | 991.4 | 1279.8 | 1657.4 | 2134.7 | 2707.2 | 3445.5 |
| -7.5° | 0.0 | 61.0 | 225.9 | 466.0 | 731.1 | 985.2 | 1271.4 | 1644.3 | 2115.6 | 2681.2 | 3407.6 |
| -10° | 0.0 | 60.6 | 223.7 | 461.1 | 723.9 | 976.6 | 1259.5 | 1626.1 | 2089.0 | 2644.8 | 3354.7 |
| -12.5° | 0.0 | 60.0 | 220.8 | 454.9 | 714.7 | 965.5 | 1244.4 | 1602.7 | 2054.8 | 2598.3 | 3286.9 |
| -15° | 0.0 | 59.4 | 217.4 | 447.3 | 703.5 | 952.0 | 1225.9 | 1574.2 | 2013.3 | 2541.6 | 3204.6 |
| -17.5° | 0.0 | 58.7 | 213.3 | 438.3 | 690.3 | 936.2 | 1204.2 | 1540.7 | 1964.4 | 2475.1 | 3107.8 |
| -20° | 0.0 | 57.8 | 208.6 | 428.0 | 675.1 | 918.0 | 1179.3 | 1502.2 | 1908.4 | 2398.8 | 2997.0 |



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 CATALOG NUMBER: GFLD-SA4E-735-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 | 56.8 | 203.3 | 416.4 | 658.0 | 897.5 | 1151.3 | 1458.9 | 1845.4 | 2313.0 | 2872.4 |
| -25° | 0.0 | 55.7 | 197.4 | 403.5 | 639.0 | 874.8 | 1120.1 | 1410.9 | 1775.5 | 2217.9 | 2734.4 |
| -27.5° | 0.0 | 54.5 | 190.9 | 389.4 | 618.2 | 849.8 | 1086.0 | 1358.2 | 1698.8 | 2119.7 | 2616.2 |
| -30° | 0.0 | 53.3 | 183.9 | 374.0 | 595.5 | 822.7 | 1048.8 | 1301.1 | 1626.6 | 2025.5 | 2489.7 |
| -32.5° | 0.0 | 51.9 | 176.3 | 357.4 | 571.1 | 793.4 | 1008.9 | 1250.8 | 1555.9 | 1924.3 | 2353.8 |
| -35° | 0.0 | 50.4 | 168.2 | 339.6 | 545.0 | 762.1 | 969.7 | 1200.7 | 1480.3 | 1816.2 | 2208.8 |
| -37.5° | 0.0 | 48.8 | 159.5 | 320.7 | 517.2 | 728.3 | 929.7 | 1147.5 | 1400.1 | 1701.5 | 2070.9 |
| -40° | 0.0 | 47.1 | 150.4 | 300.7 | 487.8 | 691.5 | 887.4 | 1091.3 | 1315.4 | 1598.8 | 1935.9 |
| -42.5° | 0.0 | 45.3 | 140.7 | 279.7 | 458.2 | 652.7 | 842.8 | 1032.2 | 1240.8 | 1498.3 | 1794.2 |
| -45° | 0.0 | 43.5 | 130.6 | 257.6 | 428.8 | 612.1 | 796.2 | 973.4 | 1170.0 | 1393.3 | 1650.8 |
| -47.5° | 0.0 | 41.5 | 120.1 | 234.6 | 398.0 | 569.7 | 747.6 | 916.6 | 1096.1 | 1284.7 | 1529.1 |
| -50° | 0.0 | 39.5 | 109.1 | 216.3 | 366.0 | 525.6 | 695.0 | 857.6 | 1019.5 | 1198.3 | 1402.9 |
| -52.5° | 0.0 | 37.4 | 97.7 | 199.2 | 332.8 | 479.9 | 640.2 | 796.5 | 946.9 | 1109.1 | 1276.0 |
| -55° | 0.0 | 35.3 | 86.0 | 181.5 | 298.6 | 436.4 | 583.5 | 733.1 | 874.8 | 1017.2 | 1173.8 |
| -57.5° | 0.0 | 33.0 | 73.8 | 163.3 | 263.2 | 392.3 | 525.2 | 665.1 | 800.7 | 931.4 | 1068.9 |
| -60° | 0.0 | 30.7 | 61.4 | 144.6 | 227.5 | 346.9 | 466.0 | 595.3 | 723.9 | 845.9 | 965.5 |
| -62.5° | 0.0 | 28.4 | 56.7 | 125.4 | 202.0 | 300.5 | 410.3 | 523.9 | 642.4 | 758.6 | 868.7 |
| -65° | 0.0 | 26.0 | 51.9 | 105.8 | 175.8 | 253.0 | 353.4 | 452.9 | 559.3 | 666.1 | 769.9 |
| -67.5° | 0.0 | 23.5 | 47.0 | 85.8 | 149.2 | 212.1 | 295.4 | 385.4 | 474.5 | 571.1 | 666.1 |
| -70° | 0.0 | 21.0 | 42.0 | 65.4 | 122.1 | 178.3 | 236.5 | 316.8 | 396.1 | 474.5 | 559.3 |
| -72.5° | 0.0 | 18.5 | 36.9 | 55.3 | 94.5 | 143.9 | 192.9 | 247.1 | 316.8 | 385.4 | 452.9 |
| -75° | 0.0 | 15.9 | 31.8 | 47.6 | 66.6 | 109.1 | 151.2 | 192.9 | 236.5 | 295.4 | 353.4 |
| -77.5° | 0.0 | 13.3 | 26.6 | 39.8 | 53.0 | 73.9 | 109.1 | 143.9 | 178.3 | 212.1 | 253.0 |
| -80° | 0.0 | 10.7 | 21.3 | 31.9 | 42.5 | 53.0 | 66.6 | 94.5 | 122.1 | 149.2 | 175.8 |
| -82.5° | 0.0 | 8.0 | 16.0 | 24.0 | 31.9 | 39.8 | 47.6 | 55.3 | 65.4 | 85.8 | 105.8 |
| -85° | 0.0 | 5.4 | 10.7 | 16.0 | 21.3 | 26.6 | 31.8 | 36.9 | 42.0 | 47.0 | 51.9 |
| -87.5° | 0.0 | 2.7 | 5.4 | 8.0 | 10.7 | 13.3 | 15.9 | 18.5 | 21.0 | 23.5 | 26.0 |
| -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: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-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° | 28.4 | 30.7 | 33.0 | 35.3 | 37.4 | 39.5 | 41.5 | 43.5 | 45.3 | 47.1 | 48.8 |
| 85° | 56.7 | 61.4 | 73.8 | 86.0 | 97.7 | 109.1 | 120.1 | 130.6 | 140.7 | 150.4 | 159.5 |
| 82.5° | 125.4 | 144.6 | 163.3 | 181.5 | 199.2 | 216.3 | 234.6 | 257.6 | 279.7 | 300.7 | 320.7 |
| 80° | 202.0 | 227.5 | 263.2 | 298.6 | 332.8 | 366.0 | 398.0 | 428.8 | 458.2 | 487.8 | 517.2 |
| 77.5° | 300.5 | 346.9 | 392.3 | 436.4 | 479.9 | 525.6 | 569.7 | 612.1 | 652.7 | 691.5 | 728.3 |
| 75° | 410.3 | 466.0 | 525.2 | 583.5 | 640.2 | 695.0 | 747.6 | 796.2 | 842.8 | 887.4 | 929.7 |
| 72.5° | 523.9 | 595.3 | 665.1 | 733.1 | 796.5 | 857.6 | 916.6 | 973.4 | 1032.2 | 1091.3 | 1147.5 |
| 70° | 642.4 | 723.9 | 800.7 | 874.8 | 946.9 | 1019.5 | 1096.1 | 1170.0 | 1240.8 | 1315.4 | 1400.1 |
| 67.5° | 758.6 | 845.9 | 931.4 | 1017.2 | 1109.1 | 1198.3 | 1284.7 | 1393.3 | 1498.3 | 1598.8 | 1701.5 |
| 65° | 868.7 | 965.5 | 1068.9 | 1173.8 | 1276.0 | 1402.9 | 1529.1 | 1650.8 | 1794.2 | 1935.9 | 2070.9 |
| 62.5° | 976.9 | 1094.8 | 1212.9 | 1341.2 | 1488.8 | 1632.2 | 1798.4 | 1968.1 | 2131.4 | 2315.3 | 2494.4 |
| 60° | 1094.8 | 1225.9 | 1375.7 | 1540.7 | 1710.5 | 1908.4 | 2100.4 | 2313.0 | 2527.3 | 2734.4 | 2988.5 |
| 57.5° | 1212.9 | 1375.7 | 1558.0 | 1754.6 | 1974.9 | 2197.3 | 2447.0 | 2688.6 | 2978.5 | 3268.0 | 3556.1 |
| 55° | 1341.2 | 1540.7 | 1754.6 | 1997.2 | 2251.0 | 2528.0 | 2817.6 | 3155.1 | 3481.8 | 3845.7 | 4194.3 |
| 52.5° | 1488.8 | 1710.5 | 1974.9 | 2251.0 | 2555.1 | 2888.3 | 3262.0 | 3648.4 | 4055.4 | 4450.6 | 4838.2 |
| 50° | 1632.2 | 1908.4 | 2197.3 | 2528.0 | 2888.3 | 3297.8 | 3732.3 | 4182.4 | 4626.7 | 5060.2 | 5466.1 |
| 47.5° | 1798.4 | 2100.4 | 2447.0 | 2817.6 | 3262.0 | 3732.3 | 4225.0 | 4715.4 | 5194.6 | 5639.3 | 6065.2 |
| 45° | 1968.1 | 2313.0 | 2688.6 | 3155.1 | 3648.4 | 4182.4 | 4715.4 | 5239.7 | 5726.6 | 6186.0 | 6588.0 |
| 42.5° | 2131.4 | 2527.3 | 2978.5 | 3481.8 | 4055.4 | 4626.7 | 5194.6 | 5726.6 | 6225.4 | 6667.9 | 7071.6 |
| 40° | 2315.3 | 2734.4 | 3268.0 | 3845.7 | 4450.6 | 5060.2 | 5639.3 | 6186.0 | 6667.9 | 7108.4 | 7517.2 |
| 37.5° | 2494.4 | 2988.5 | 3556.1 | 4194.3 | 4838.2 | 5466.1 | 6065.2 | 6588.0 | 7071.6 | 7517.2 | 7909.4 |
| 35° | 2664.5 | 3230.1 | 3862.2 | 4532.1 | 5208.2 | 5846.5 | 6429.6 | 6961.9 | 7442.3 | 7874.8 | 8275.8 |
| 32.5° | 2853.5 | 3458.5 | 4151.9 | 4856.7 | 5545.2 | 6195.3 | 6773.3 | 7293.9 | 7771.6 | 8210.8 | 8609.0 |
| 30° | 3048.5 | 3704.8 | 4426.9 | 5162.3 | 5861.8 | 6497.6 | 7074.6 | 7601.8 | 8075.8 | 8509.5 | 8899.8 |
| 27.5° | 3230.1 | 3937.1 | 4689.2 | 5438.9 | 6151.0 | 6781.2 | 7350.4 | 7869.4 | 8346.1 | 8782.8 | 9161.0 |
| 25° | 3397.8 | 4151.9 | 4932.0 | 5692.2 | 6394.5 | 7026.1 | 7600.4 | 8119.2 | 8593.1 | 9012.1 | 9379.8 |
| 22.5° | 3563.4 | 4348.7 | 5154.5 | 5924.5 | 6618.2 | 7245.0 | 7814.2 | 8334.2 | 8808.4 | 9223.6 | 9576.4 |
| 20° | 3724.4 | 4532.1 | 5350.8 | 6130.5 | 6821.1 | 7443.9 | 8008.7 | 8527.8 | 8989.3 | 9391.3 | 9742.5 |
| 17.5° | 3867.7 | 4695.4 | 5522.5 | 6296.9 | 6988.0 | 7613.7 | 8180.9 | 8701.6 | 9152.1 | 9542.6 | 9886.0 |
| 15° | 3992.9 | 4838.2 | 5672.8 | 6442.6 | 7131.5 | 7754.9 | 8322.0 | 8837.0 | 9284.5 | 9671.8 | 10012.7 |
| 12.5° | 4099.5 | 4960.0 | 5800.9 | 6566.9 | 7254.2 | 7875.6 | 8442.9 | 8950.8 | 9390.7 | 9773.0 | 10106.6 |
| 10° | 4187.2 | 5060.2 | 5906.5 | 6669.5 | 7355.4 | 7975.3 | 8542.9 | 9045.0 | 9478.8 | 9857.1 | 10184.7 |
| 7.5° | 4255.8 | 5138.5 | 5989.0 | 6749.7 | 7434.7 | 8053.5 | 8621.3 | 9118.9 | 9548.0 | 9923.3 | 10246.4 |
| 5° | 4304.9 | 5194.6 | 6048.3 | 6807.3 | 7491.6 | 8109.7 | 8677.7 | 9172.2 | 9597.9 | 9971.1 | 10291.0 |
| 2.5° | 4334.4 | 5228.4 | 6083.9 | 6841.9 | 7525.9 | 8143.5 | 8711.6 | 9204.3 | 9628.0 | 9999.9 | 10317.9 |
| 0° | 4344.3 | 5239.7 | 6095.8 | 6853.5 | 7537.3 | 8154.8 | 8723.0 | 9215.0 | 9638.1 | 10009.6 | 10326.9 |
| -2.5° | 4334.4 | 5228.4 | 6083.9 | 6841.9 | 7525.9 | 8143.5 | 8711.6 | 9204.3 | 9628.0 | 9999.9 | 10317.9 |
| -5° | 4304.9 | 5194.6 | 6048.3 | 6807.3 | 7491.6 | 8109.7 | 8677.7 | 9172.2 | 9597.9 | 9971.1 | 10291.0 |
| -7.5° | 4255.8 | 5138.5 | 5989.0 | 6749.7 | 7434.7 | 8053.5 | 8621.3 | 9118.9 | 9548.0 | 9923.3 | 10246.4 |
| -10° | 4187.2 | 5060.2 | 5906.5 | 6669.5 | 7355.4 | 7975.3 | 8542.9 | 9045.0 | 9478.8 | 9857.1 | 10184.7 |
| -12.5° | 4099.5 | 4960.0 | 5800.9 | 6566.9 | 7254.2 | 7875.6 | 8442.9 | 8950.8 | 9390.7 | 9773.0 | 10106.6 |
| -15° | 3992.9 | 4838.2 | 5672.8 | 6442.6 | 7131.5 | 7754.9 | 8322.0 | 8837.0 | 9284.5 | 9671.8 | 10012.7 |
| -17.5° | 3867.7 | 4695.4 | 5522.5 | 6296.9 | 6988.0 | 7613.7 | 8180.9 | 8701.6 | 9152.1 | 9542.6 | 9886.0 |
| -20° | 3724.4 | 4532.1 | 5350.8 | 6130.5 | 6821.1 | 7443.9 | 8008.7 | 8527.8 | 8989.3 | 9391.3 | 9742.5 |



REPORT NUMBER: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-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° | 3563.4 | 4348.7 | 5154.5 | 5924.5 | 6618.2 | 7245.0 | 7814.2 | 8334.2 | 8808.4 | 9223.6 | 9576.4 |
| -25° | 3397.8 | 4151.9 | 4932.0 | 5692.2 | 6394.5 | 7026.1 | 7600.4 | 8119.2 | 8593.1 | 9012.1 | 9379.8 |
| -27.5° | 3230.1 | 3937.1 | 4689.2 | 5438.9 | 6151.0 | 6781.2 | 7350.4 | 7869.4 | 8346.1 | 8782.8 | 9161.0 |
| -30° | 3048.5 | 3704.8 | 4426.9 | 5162.3 | 5861.8 | 6497.6 | 7074.6 | 7601.8 | 8075.8 | 8509.5 | 8899.8 |
| -32.5° | 2853.5 | 3458.5 | 4151.9 | 4856.7 | 5545.2 | 6195.3 | 6773.3 | 7293.9 | 7771.6 | 8210.8 | 8609.0 |
| -35° | 2664.5 | 3230.1 | 3862.2 | 4532.1 | 5208.2 | 5846.5 | 6429.6 | 6961.9 | 7442.3 | 7874.8 | 8275.8 |
| -37.5° | 2494.4 | 2988.5 | 3556.1 | 4194.3 | 4838.2 | 5466.1 | 6065.2 | 6588.0 | 7071.6 | 7517.2 | 7909.4 |
| -40° | 2315.3 | 2734.4 | 3268.0 | 3845.7 | 4450.6 | 5060.2 | 5639.3 | 6186.0 | 6667.9 | 7108.4 | 7517.2 |
| -42.5° | 2131.4 | 2527.3 | 2978.5 | 3481.8 | 4055.4 | 4626.7 | 5194.6 | 5726.6 | 6225.4 | 6667.9 | 7071.6 |
| -45° | 1968.1 | 2313.0 | 2688.6 | 3155.1 | 3648.4 | 4182.4 | 4715.4 | 5239.7 | 5726.6 | 6186.0 | 6588.0 |
| -47.5° | 1798.4 | 2100.4 | 2447.0 | 2817.6 | 3262.0 | 3732.3 | 4225.0 | 4715.4 | 5194.6 | 5639.3 | 6065.2 |
| -50° | 1632.2 | 1908.4 | 2197.3 | 2528.0 | 2888.3 | 3297.8 | 3732.3 | 4182.4 | 4626.7 | 5060.2 | 5466.1 |
| -52.5° | 1488.8 | 1710.5 | 1974.9 | 2251.0 | 2555.1 | 2888.3 | 3262.0 | 3648.4 | 4055.4 | 4450.6 | 4838.2 |
| -55° | 1341.2 | 1540.7 | 1754.6 | 1997.2 | 2251.0 | 2528.0 | 2817.6 | 3155.1 | 3481.8 | 3845.7 | 4194.3 |
| -57.5° | 1212.9 | 1375.7 | 1558.0 | 1754.6 | 1974.9 | 2197.3 | 2447.0 | 2688.6 | 2978.5 | 3268.0 | 3556.1 |
| -60° | 1094.8 | 1225.9 | 1375.7 | 1540.7 | 1710.5 | 1908.4 | 2100.4 | 2313.0 | 2527.3 | 2734.4 | 2988.5 |
| -62.5° | 976.9 | 1094.8 | 1212.9 | 1341.2 | 1488.8 | 1632.2 | 1798.4 | 1968.1 | 2131.4 | 2315.3 | 2494.4 |
| -65° | 868.7 | 965.5 | 1068.9 | 1173.8 | 1276.0 | 1402.9 | 1529.1 | 1650.8 | 1794.2 | 1935.9 | 2070.9 |
| -67.5° | 758.6 | 845.9 | 931.4 | 1017.2 | 1109.1 | 1198.3 | 1284.7 | 1393.3 | 1498.3 | 1598.8 | 1701.5 |
| -70° | 642.4 | 723.9 | 800.7 | 874.8 | 946.9 | 1019.5 | 1096.1 | 1170.0 | 1240.8 | 1315.4 | 1400.1 |
| -72.5° | 523.9 | 595.3 | 665.1 | 733.1 | 796.5 | 857.6 | 916.6 | 973.4 | 1032.2 | 1091.3 | 1147.5 |
| -75° | 410.3 | 466.0 | 525.2 | 583.5 | 640.2 | 695.0 | 747.6 | 796.2 | 842.8 | 887.4 | 929.7 |
| -77.5° | 300.5 | 346.9 | 392.3 | 436.4 | 479.9 | 525.6 | 569.7 | 612.1 | 652.7 | 691.5 | 728.3 |
| -80° | 202.0 | 227.5 | 263.2 | 298.6 | 332.8 | 366.0 | 398.0 | 428.8 | 458.2 | 487.8 | 517.2 |
| -82.5° | 125.4 | 144.6 | 163.3 | 181.5 | 199.2 | 216.3 | 234.6 | 257.6 | 279.7 | 300.7 | 320.7 |
| -85° | 56.7 | 61.4 | 73.8 | 86.0 | 97.7 | 109.1 | 120.1 | 130.6 | 140.7 | 150.4 | 159.5 |
| -87.5° | 28.4 | 30.7 | 33.0 | 35.3 | 37.4 | 39.5 | 41.5 | 43.5 | 45.3 | 47.1 | 48.8 |
| -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: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-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° | 50.4 | 51.9 | 53.3 | 54.5 | 55.7 | 56.8 | 57.8 | 58.7 | 59.4 | 60.0 | 60.6 |
| 85° | 168.2 | 176.3 | 183.9 | 190.9 | 197.4 | 203.3 | 208.6 | 213.3 | 217.4 | 220.8 | 223.7 |
| 82.5° | 339.6 | 357.4 | 374.0 | 389.4 | 403.5 | 416.4 | 428.0 | 438.3 | 447.3 | 454.9 | 461.1 |
| 80° | 545.0 | 571.1 | 595.5 | 618.2 | 639.0 | 658.0 | 675.1 | 690.3 | 703.5 | 714.7 | 723.9 |
| 77.5° | 762.1 | 793.4 | 822.7 | 849.8 | 874.8 | 897.5 | 918.0 | 936.2 | 952.0 | 965.5 | 976.6 |
| 75° | 969.7 | 1008.9 | 1048.8 | 1086.0 | 1120.1 | 1151.3 | 1179.3 | 1204.2 | 1225.9 | 1244.4 | 1259.5 |
| 72.5° | 1200.7 | 1250.8 | 1301.1 | 1358.2 | 1410.9 | 1458.9 | 1502.2 | 1540.7 | 1574.2 | 1602.7 | 1626.1 |
| 70° | 1480.3 | 1555.9 | 1626.6 | 1698.8 | 1775.5 | 1845.4 | 1908.4 | 1964.4 | 2013.3 | 2054.8 | 2089.0 |
| 67.5° | 1816.2 | 1924.3 | 2025.5 | 2119.7 | 2217.9 | 2313.0 | 2398.8 | 2475.1 | 2541.6 | 2598.3 | 2644.8 |
| 65° | 2208.8 | 2353.8 | 2489.7 | 2616.2 | 2734.4 | 2872.4 | 2997.0 | 3107.8 | 3204.6 | 3286.9 | 3354.7 |
| 62.5° | 2664.5 | 2853.5 | 3048.5 | 3230.1 | 3397.8 | 3563.4 | 3724.4 | 3867.7 | 3992.9 | 4099.5 | 4187.2 |
| 60° | 3230.1 | 3458.5 | 3704.8 | 3937.1 | 4151.9 | 4348.7 | 4532.1 | 4695.4 | 4838.2 | 4960.0 | 5060.2 |
| 57.5° | 3862.2 | 4151.9 | 4426.9 | 4689.2 | 4932.0 | 5154.5 | 5350.8 | 5522.5 | 5672.8 | 5800.9 | 5906.5 |
| 55° | 4532.1 | 4856.7 | 5162.3 | 5438.9 | 5692.2 | 5924.5 | 6130.5 | 6296.9 | 6442.6 | 6566.9 | 6669.5 |
| 52.5° | 5208.2 | 5545.2 | 5861.8 | 6151.0 | 6394.5 | 6618.2 | 6821.1 | 6988.0 | 7131.5 | 7254.2 | 7355.4 |
| 50° | 5846.5 | 6195.3 | 6497.6 | 6781.2 | 7026.1 | 7245.0 | 7443.9 | 7613.7 | 7754.9 | 7875.6 | 7975.3 |
| 47.5° | 6429.6 | 6773.3 | 7074.6 | 7350.4 | 7600.4 | 7814.2 | 8008.7 | 8180.9 | 8322.0 | 8442.9 | 8542.9 |
| 45° | 6961.9 | 7293.9 | 7601.8 | 7869.4 | 8119.2 | 8334.2 | 8527.8 | 8701.6 | 8837.0 | 8950.8 | 9045.0 |
| 42.5° | 7442.3 | 7771.6 | 8075.8 | 8346.1 | 8593.1 | 8808.4 | 8989.3 | 9152.1 | 9284.5 | 9390.7 | 9478.8 |
| 40° | 7874.8 | 8210.8 | 8509.5 | 8782.8 | 9012.1 | 9223.6 | 9391.3 | 9542.6 | 9671.8 | 9773.0 | 9857.1 |
| 37.5° | 8275.8 | 8609.0 | 8899.8 | 9161.0 | 9379.8 | 9576.4 | 9742.5 | 9886.0 | 10012.7 | 10106.6 | 10184.7 |
| 35° | 8642.3 | 8958.9 | 9246.6 | 9486.1 | 9703.0 | 9888.2 | 10051.7 | 10184.0 | 10301.7 | 10391.2 | 10462.5 |
| 32.5° | 8958.9 | 9272.8 | 9539.9 | 9775.7 | 9987.5 | 10160.2 | 10317.1 | 10438.3 | 10545.1 | 10631.2 | 10697.4 |
| 30° | 9246.6 | 9539.9 | 9800.1 | 10033.7 | 10226.6 | 10394.9 | 10536.1 | 10654.5 | 10753.2 | 10835.3 | 10893.6 |
| 27.5° | 9486.1 | 9775.7 | 10033.7 | 10249.0 | 10433.7 | 10595.7 | 10724.9 | 10838.9 | 10925.1 | 11000.7 | 11050.7 |
| 25° | 9703.0 | 9987.5 | 10226.6 | 10433.7 | 10612.9 | 10760.8 | 10883.8 | 10987.1 | 11063.5 | 11128.2 | 11165.5 |
| 22.5° | 9888.2 | 10160.2 | 10394.9 | 10595.7 | 10760.8 | 10899.0 | 11015.0 | 11115.6 | 11180.3 | 11223.9 | 11234.6 |
| 20° | 10051.7 | 10317.1 | 10536.1 | 10724.9 | 10883.8 | 11015.0 | 11115.6 | 11180.3 | 11223.9 | 11238.9 | 11236.5 |
| 17.5° | 10184.0 | 10438.3 | 10654.5 | 10838.9 | 10987.1 | 11102.4 | 11180.3 | 11225.9 | 11238.9 | 11236.5 | 11230.1 |
| 15° | 10301.7 | 10545.1 | 10753.2 | 10925.1 | 11063.5 | 11164.9 | 11223.9 | 11238.9 | 11235.1 | 11221.9 | 11201.7 |
| 12.5° | 10391.2 | 10631.2 | 10835.3 | 11000.7 | 11128.2 | 11204.1 | 11234.6 | 11236.5 | 11221.9 | 11196.8 | 11168.0 |
| 10° | 10462.5 | 10697.4 | 10893.6 | 11050.7 | 11165.5 | 11226.2 | 11240.9 | 11230.1 | 11201.7 | 11168.0 | 11136.1 |
| 7.5° | 10518.8 | 10750.0 | 10939.9 | 11090.7 | 11189.9 | 11232.9 | 11236.1 | 11215.8 | 11181.7 | 11143.4 | 11108.9 |
| 5° | 10559.6 | 10788.1 | 10973.6 | 11119.9 | 11207.8 | 11237.9 | 11232.6 | 11204.6 | 11165.1 | 11125.1 | 11093.5 |
| 2.5° | 10584.3 | 10811.2 | 10994.1 | 11137.6 | 11218.7 | 11241.0 | 11230.4 | 11197.7 | 11154.6 | 11113.3 | 11083.3 |
| 0° | 10592.6 | 10818.9 | 11001.0 | 11143.6 | 11222.4 | 11242.0 | 11229.7 | 11195.3 | 11151.0 | 11109.2 | 11079.7 |
| -2.5° | 10584.3 | 10811.2 | 10994.1 | 11137.6 | 11218.7 | 11241.0 | 11230.4 | 11197.7 | 11154.6 | 11113.3 | 11083.3 |
| -5° | 10559.6 | 10788.1 | 10973.6 | 11119.9 | 11207.8 | 11237.9 | 11232.6 | 11204.6 | 11165.1 | 11125.1 | 11093.5 |
| -7.5° | 10518.8 | 10750.0 | 10939.9 | 11090.7 | 11189.9 | 11232.9 | 11236.1 | 11215.8 | 11181.7 | 11143.4 | 11108.9 |
| -10° | 10462.5 | 10697.4 | 10893.6 | 11050.7 | 11165.5 | 11226.2 | 11240.9 | 11230.1 | 11201.7 | 11168.0 | 11136.1 |
| -12.5° | 10391.2 | 10631.2 | 10835.3 | 11000.7 | 11128.2 | 11204.1 | 11234.6 | 11236.5 | 11221.9 | 11196.8 | 11168.0 |
| -15° | 10301.7 | 10545.1 | 10753.2 | 10925.1 | 11063.5 | 11164.9 | 11223.9 | 11238.9 | 11235.1 | 11221.9 | 11201.7 |
| -17.5° | 10184.0 | 10438.3 | 10654.5 | 10838.9 | 10987.1 | 11102.4 | 11180.3 | 11225.9 | 11238.9 | 11236.5 | 11230.1 |
| -20° | 10051.7 | 10317.1 | 10536.1 | 10724.9 | 10883.8 | 11015.0 | 11115.6 | 11180.3 | 11223.9 | 11234.6 | 11240.9 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 9888.2 | 10160.2 | 10394.9 | 10595.7 | 10760.8 | 10899.0 | 11015.0 | 11102.4 | 11164.9 | 11204.1 | 11226.2 |
| -25° | 9703.0 | 9987.5 | 10226.6 | 10433.7 | 10612.9 | 10760.8 | 10883.8 | 10987.1 | 11063.5 | 11128.2 | 11165.5 |
| -27.5° | 9486.1 | 9775.7 | 10033.7 | 10249.0 | 10433.7 | 10595.7 | 10724.9 | 10838.9 | 10925.1 | 11000.7 | 11050.7 |
| -30° | 9246.6 | 9539.9 | 9800.1 | 10033.7 | 10226.6 | 10394.9 | 10536.1 | 10654.5 | 10753.2 | 10835.3 | 10893.6 |
| -32.5° | 8958.9 | 9272.8 | 9539.9 | 9775.7 | 9987.5 | 10160.2 | 10317.1 | 10438.3 | 10545.1 | 10631.2 | 10697.4 |
| -35° | 8642.3 | 8958.9 | 9246.6 | 9486.1 | 9703.0 | 9888.2 | 10051.7 | 10184.0 | 10301.7 | 10391.2 | 10462.5 |
| -37.5° | 8275.8 | 8609.0 | 8899.8 | 9161.0 | 9379.8 | 9576.4 | 9742.5 | 9886.0 | 10012.7 | 10106.6 | 10184.7 |
| -40° | 7874.8 | 8210.8 | 8509.5 | 8782.8 | 9012.1 | 9223.6 | 9391.3 | 9542.6 | 9671.8 | 9773.0 | 9857.1 |
| -42.5° | 7442.3 | 7771.6 | 8075.8 | 8346.1 | 8593.1 | 8808.4 | 8989.3 | 9152.1 | 9284.5 | 9390.7 | 9478.8 |
| -45° | 6961.9 | 7293.9 | 7601.8 | 7869.4 | 8119.2 | 8334.2 | 8527.8 | 8701.6 | 8837.0 | 8950.8 | 9045.0 |
| -47.5° | 6429.6 | 6773.3 | 7074.6 | 7350.4 | 7600.4 | 7814.2 | 8008.7 | 8180.9 | 8322.0 | 8442.9 | 8542.9 |
| -50° | 5846.5 | 6195.3 | 6497.6 | 6781.2 | 7026.1 | 7245.0 | 7443.9 | 7613.7 | 7754.9 | 7875.6 | 7975.3 |
| -52.5° | 5208.2 | 5545.2 | 5861.8 | 6151.0 | 6394.5 | 6618.2 | 6821.1 | 6988.0 | 7131.5 | 7254.2 | 7355.4 |
| -55° | 4532.1 | 4856.7 | 5162.3 | 5438.9 | 5692.2 | 5924.5 | 6130.5 | 6296.9 | 6442.6 | 6566.9 | 6669.5 |
| -57.5° | 3862.2 | 4151.9 | 4426.9 | 4689.2 | 4932.0 | 5154.5 | 5350.8 | 5522.5 | 5672.8 | 5800.9 | 5906.5 |
| -60° | 3230.1 | 3458.5 | 3704.8 | 3937.1 | 4151.9 | 4348.7 | 4532.1 | 4695.4 | 4838.2 | 4960.0 | 5060.2 |
| -62.5° | 2664.5 | 2853.5 | 3048.5 | 3230.1 | 3397.8 | 3563.4 | 3724.4 | 3867.7 | 3992.9 | 4099.5 | 4187.2 |
| -65° | 2208.8 | 2353.8 | 2489.7 | 2616.2 | 2734.4 | 2872.4 | 2997.0 | 3107.8 | 3204.6 | 3286.9 | 3354.7 |
| -67.5° | 1816.2 | 1924.3 | 2025.5 | 2119.7 | 2217.9 | 2313.0 | 2398.8 | 2475.1 | 2541.6 | 2598.3 | 2644.8 |
| -70° | 1480.3 | 1555.9 | 1626.6 | 1698.8 | 1775.5 | 1845.4 | 1908.4 | 1964.4 | 2013.3 | 2054.8 | 2089.0 |
| -72.5° | 1200.7 | 1250.8 | 1301.1 | 1358.2 | 1410.9 | 1458.9 | 1502.2 | 1540.7 | 1574.2 | 1602.7 | 1626.1 |
| -75° | 969.7 | 1008.9 | 1048.8 | 1086.0 | 1120.1 | 1151.3 | 1179.3 | 1204.2 | 1225.9 | 1244.4 | 1259.5 |
| -77.5° | 762.1 | 793.4 | 822.7 | 849.8 | 874.8 | 897.5 | 918.0 | 936.2 | 952.0 | 965.5 | 976.6 |
| -80° | 545.0 | 571.1 | 595.5 | 618.2 | 639.0 | 658.0 | 675.1 | 690.3 | 703.5 | 714.7 | 723.9 |
| -82.5° | 339.6 | 357.4 | 374.0 | 389.4 | 403.5 | 416.4 | 428.0 | 438.3 | 447.3 | 454.9 | 461.1 |
| -85° | 168.2 | 176.3 | 183.9 | 190.9 | 197.4 | 203.3 | 208.6 | 213.3 | 217.4 | 220.8 | 223.7 |
| -87.5° | 50.4 | 51.9 | 53.3 | 54.5 | 55.7 | 56.8 | 57.8 | 58.7 | 59.4 | 60.0 | 60.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-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° | 61.0 | 61.3 | 61.4 | 61.5 | 61.4 | 61.3 | 61.0 | 60.6 | 60.0 | 59.4 | 58.7 |
| 85° | 225.9 | 227.5 | 228.5 | 228.8 | 228.5 | 227.5 | 225.9 | 223.7 | 220.8 | 217.4 | 213.3 |
| 82.5° | 466.0 | 469.5 | 471.6 | 472.3 | 471.6 | 469.5 | 466.0 | 461.1 | 454.9 | 447.3 | 438.3 |
| 80° | 731.1 | 736.3 | 739.4 | 740.4 | 739.4 | 736.3 | 731.1 | 723.9 | 714.7 | 703.5 | 690.3 |
| 77.5° | 985.2 | 991.4 | 995.1 | 996.3 | 995.1 | 991.4 | 985.2 | 976.6 | 965.5 | 952.0 | 936.2 |
| 75° | 1271.4 | 1279.8 | 1284.9 | 1286.6 | 1284.9 | 1279.8 | 1271.4 | 1259.5 | 1244.4 | 1225.9 | 1204.2 |
| 72.5° | 1644.3 | 1657.4 | 1665.3 | 1667.9 | 1665.3 | 1657.4 | 1644.3 | 1626.1 | 1602.7 | 1574.2 | 1540.7 |
| 70° | 2115.6 | 2134.7 | 2146.2 | 2150.0 | 2146.2 | 2134.7 | 2115.6 | 2089.0 | 2054.8 | 2013.3 | 1964.4 |
| 67.5° | 2681.2 | 2707.2 | 2722.9 | 2728.1 | 2722.9 | 2707.2 | 2681.2 | 2644.8 | 2598.3 | 2541.6 | 2475.1 |
| 65° | 3407.6 | 3445.5 | 3468.3 | 3475.9 | 3468.3 | 3445.5 | 3407.6 | 3354.7 | 3286.9 | 3204.6 | 3107.8 |
| 62.5° | 4255.8 | 4304.9 | 4334.4 | 4344.3 | 4334.4 | 4304.9 | 4255.8 | 4187.2 | 4099.5 | 3992.9 | 3867.7 |
| 60° | 5138.5 | 5194.6 | 5228.4 | 5239.7 | 5228.4 | 5194.6 | 5138.5 | 5060.2 | 4960.0 | 4838.2 | 4695.4 |
| 57.5° | 5989.0 | 6048.3 | 6083.9 | 6095.8 | 6083.9 | 6048.3 | 5989.0 | 5906.5 | 5800.9 | 5672.8 | 5522.5 |
| 55° | 6749.7 | 6807.3 | 6841.9 | 6853.5 | 6841.9 | 6807.3 | 6749.7 | 6669.5 | 6566.9 | 6442.6 | 6296.9 |
| 52.5° | 7434.7 | 7491.6 | 7525.9 | 7537.3 | 7525.9 | 7491.6 | 7434.7 | 7355.4 | 7254.2 | 7131.5 | 6988.0 |
| 50° | 8053.5 | 8109.7 | 8143.5 | 8154.8 | 8143.5 | 8109.7 | 8053.5 | 7975.3 | 7875.6 | 7754.9 | 7613.7 |
| 47.5° | 8621.3 | 8677.7 | 8711.6 | 8723.0 | 8711.6 | 8677.7 | 8621.3 | 8542.9 | 8442.9 | 8322.0 | 8180.9 |
| 45° | 9118.9 | 9172.2 | 9204.3 | 9215.0 | 9204.3 | 9172.2 | 9118.9 | 9045.0 | 8950.8 | 8837.0 | 8701.6 |
| 42.5° | 9548.0 | 9597.9 | 9628.0 | 9638.1 | 9628.0 | 9597.9 | 9548.0 | 9478.8 | 9390.7 | 9284.5 | 9152.1 |
| 40° | 9923.3 | 9971.1 | 9999.9 | 10009.6 | 9999.9 | 9971.1 | 9923.3 | 9857.1 | 9773.0 | 9671.8 | 9542.6 |
| 37.5° | 10246.4 | 10291.0 | 10317.9 | 10326.9 | 10317.9 | 10291.0 | 10246.4 | 10184.7 | 10106.6 | 10012.7 | 9886.0 |
| 35° | 10518.8 | 10559.6 | 10584.3 | 10592.6 | 10584.3 | 10559.6 | 10518.8 | 10462.5 | 10391.2 | 10301.7 | 10184.0 |
| 32.5° | 10750.0 | 10788.1 | 10811.2 | 10818.9 | 10811.2 | 10788.1 | 10750.0 | 10697.4 | 10631.2 | 10545.1 | 10438.3 |
| 30° | 10939.9 | 10973.6 | 10994.1 | 11001.0 | 10994.1 | 10973.6 | 10939.9 | 10893.6 | 10835.3 | 10753.2 | 10654.5 |
| 27.5° | 11090.7 | 11119.9 | 11137.6 | 11143.6 | 11137.6 | 11119.9 | 11090.7 | 11050.7 | 11000.7 | 10925.1 | 10838.9 |
| 25° | 11189.9 | 11207.8 | 11218.7 | 11222.4 | 11218.7 | 11207.8 | 11189.9 | 11165.5 | 11128.2 | 11063.5 | 10987.1 |
| 22.5° | 11232.9 | 11237.9 | 11241.0 | 11242.0 | 11241.0 | 11237.9 | 11232.9 | 11226.2 | 11204.1 | 11164.9 | 11102.4 |
| 20° | 11236.1 | 11232.6 | 11230.4 | 11229.7 | 11230.4 | 11232.6 | 11236.1 | 11240.9 | 11234.6 | 11223.9 | 11180.3 |
| 17.5° | 11215.8 | 11204.6 | 11197.7 | 11195.3 | 11197.7 | 11204.6 | 11215.8 | 11230.1 | 11236.5 | 11238.9 | 11225.9 |
| 15° | 11181.7 | 11165.1 | 11154.6 | 11151.0 | 11154.6 | 11165.1 | 11181.7 | 11201.7 | 11221.9 | 11235.1 | 11238.9 |
| 12.5° | 11143.4 | 11125.1 | 11113.3 | 11109.2 | 11113.3 | 11125.1 | 11143.4 | 11168.0 | 11196.8 | 11221.9 | 11236.5 |
| 10° | 11108.9 | 11093.5 | 11083.3 | 11079.7 | 11083.3 | 11093.5 | 11108.9 | 11136.1 | 11168.0 | 11201.7 | 11230.1 |
| 7.5° | 11086.7 | 11072.9 | 11065.3 | 11062.5 | 11065.3 | 11072.9 | 11086.7 | 11108.9 | 11143.4 | 11181.7 | 11215.8 |
| 5° | 11072.9 | 11059.1 | 11047.4 | 11042.8 | 11047.4 | 11059.1 | 11072.9 | 11093.5 | 11125.1 | 11165.1 | 11204.6 |
| 2.5° | 11065.3 | 11047.4 | 11029.8 | 11020.6 | 11029.8 | 11047.4 | 11065.3 | 11083.3 | 11113.3 | 11154.6 | 11197.7 |
| 0° | 11062.5 | 11042.8 | 11020.6 | 11023.1 | 11020.6 | 11042.8 | 11062.5 | 11079.7 | 11109.2 | 11151.0 | 11195.3 |
| -2.5° | 11065.3 | 11047.4 | 11029.8 | 11020.6 | 11029.8 | 11047.4 | 11065.3 | 11083.3 | 11113.3 | 11154.6 | 11197.7 |
| -5° | 11072.9 | 11059.1 | 11047.4 | 11042.8 | 11047.4 | 11059.1 | 11072.9 | 11093.5 | 11125.1 | 11165.1 | 11204.6 |
| -7.5° | 11086.7 | 11072.9 | 11065.3 | 11062.5 | 11065.3 | 11072.9 | 11086.7 | 11108.9 | 11143.4 | 11181.7 | 11215.8 |
| -10° | 11108.9 | 11093.5 | 11083.3 | 11079.7 | 11083.3 | 11093.5 | 11108.9 | 11136.1 | 11168.0 | 11201.7 | 11230.1 |
| -12.5° | 11143.4 | 11125.1 | 11113.3 | 11109.2 | 11113.3 | 11125.1 | 11143.4 | 11168.0 | 11196.8 | 11221.9 | 11236.5 |
| -15° | 11181.7 | 11165.1 | 11154.6 | 11151.0 | 11154.6 | 11165.1 | 11181.7 | 11201.7 | 11221.9 | 11235.1 | 11238.9 |
| -17.5° | 11215.8 | 11204.6 | 11197.7 | 11195.3 | 11197.7 | 11204.6 | 11215.8 | 11230.1 | 11236.5 | 11238.9 | 11225.9 |
| -20° | 11236.1 | 11232.6 | 11230.4 | 11229.7 | 11230.4 | 11232.6 | 11236.1 | 11240.9 | 11234.6 | 11223.9 | 11180.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-735-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° | 11232.9 | 11237.9 | 11241.0 | 11242.0 | 11241.0 | 11237.9 | 11232.9 | 11226.2 | 11204.1 | 11164.9 | 11102.4 |
| -25° | 11189.9 | 11207.8 | 11218.7 | 11222.4 | 11218.7 | 11207.8 | 11189.9 | 11165.5 | 11128.2 | 11063.5 | 10987.1 |
| -27.5° | 11090.7 | 11119.9 | 11137.6 | 11143.6 | 11137.6 | 11119.9 | 11090.7 | 11050.7 | 11000.7 | 10925.1 | 10838.9 |
| -30° | 10939.9 | 10973.6 | 10994.1 | 11001.0 | 10994.1 | 10973.6 | 10939.9 | 10893.6 | 10835.3 | 10753.2 | 10654.5 |
| -32.5° | 10750.0 | 10788.1 | 10811.2 | 10818.9 | 10811.2 | 10788.1 | 10750.0 | 10697.4 | 10631.2 | 10545.1 | 10438.3 |
| -35° | 10518.8 | 10559.6 | 10584.3 | 10592.6 | 10584.3 | 10559.6 | 10518.8 | 10462.5 | 10391.2 | 10301.7 | 10184.0 |
| -37.5° | 10246.4 | 10291.0 | 10317.9 | 10326.9 | 10317.9 | 10291.0 | 10246.4 | 10184.7 | 10106.6 | 10012.7 | 9886.0 |
| -40° | 9923.3 | 9971.1 | 9999.9 | 10009.6 | 9999.9 | 9971.1 | 9923.3 | 9857.1 | 9773.0 | 9671.8 | 9542.6 |
| -42.5° | 9548.0 | 9597.9 | 9628.0 | 9638.1 | 9628.0 | 9597.9 | 9548.0 | 9478.8 | 9390.7 | 9284.5 | 9152.1 |
| -45° | 9118.9 | 9172.2 | 9204.3 | 9215.0 | 9204.3 | 9172.2 | 9118.9 | 9045.0 | 8950.8 | 8837.0 | 8701.6 |
| -47.5° | 8621.3 | 8677.7 | 8711.6 | 8723.0 | 8711.6 | 8677.7 | 8621.3 | 8542.9 | 8442.9 | 8322.0 | 8180.9 |
| -50° | 8053.5 | 8109.7 | 8143.5 | 8154.8 | 8143.5 | 8109.7 | 8053.5 | 7975.3 | 7875.6 | 7754.9 | 7613.7 |
| -52.5° | 7434.7 | 7491.6 | 7525.9 | 7537.3 | 7525.9 | 7491.6 | 7434.7 | 7355.4 | 7254.2 | 7131.5 | 6988.0 |
| -55° | 6749.7 | 6807.3 | 6841.9 | 6853.5 | 6841.9 | 6807.3 | 6749.7 | 6669.5 | 6566.9 | 6442.6 | 6296.9 |
| -57.5° | 5989.0 | 6048.3 | 6083.9 | 6095.8 | 6083.9 | 6048.3 | 5989.0 | 5906.5 | 5800.9 | 5672.8 | 5522.5 |
| -60° | 5138.5 | 5194.6 | 5228.4 | 5239.7 | 5228.4 | 5194.6 | 5138.5 | 5060.2 | 4960.0 | 4838.2 | 4695.4 |
| -62.5° | 4255.8 | 4304.9 | 4334.4 | 4344.3 | 4334.4 | 4304.9 | 4255.8 | 4187.2 | 4099.5 | 3992.9 | 3867.7 |
| -65° | 3407.6 | 3445.5 | 3468.3 | 3475.9 | 3468.3 | 3445.5 | 3407.6 | 3354.7 | 3286.9 | 3204.6 | 3107.8 |
| -67.5° | 2681.2 | 2707.2 | 2722.9 | 2728.1 | 2722.9 | 2707.2 | 2681.2 | 2644.8 | 2598.3 | 2541.6 | 2475.1 |
| -70° | 2115.6 | 2134.7 | 2146.2 | 2150.0 | 2146.2 | 2134.7 | 2115.6 | 2089.0 | 2054.8 | 2013.3 | 1964.4 |
| -72.5° | 1644.3 | 1657.4 | 1665.3 | 1667.9 | 1665.3 | 1657.4 | 1644.3 | 1626.1 | 1602.7 | 1574.2 | 1540.7 |
| -75° | 1271.4 | 1279.8 | 1284.9 | 1286.6 | 1284.9 | 1279.8 | 1271.4 | 1259.5 | 1244.4 | 1225.9 | 1204.2 |
| -77.5° | 985.2 | 991.4 | 995.1 | 996.3 | 995.1 | 991.4 | 985.2 | 976.6 | 965.5 | 952.0 | 936.2 |
| -80° | 731.1 | 736.3 | 739.4 | 740.4 | 739.4 | 736.3 | 731.1 | 723.9 | 714.7 | 703.5 | 690.3 |
| -82.5° | 466.0 | 469.5 | 471.6 | 472.3 | 471.6 | 469.5 | 466.0 | 461.1 | 454.9 | 447.3 | 438.3 |
| -85° | 225.9 | 227.5 | 228.5 | 228.8 | 228.5 | 227.5 | 225.9 | 223.7 | 220.8 | 217.4 | 213.3 |
| -87.5° | 61.0 | 61.3 | 61.4 | 61.5 | 61.4 | 61.3 | 61.0 | 60.6 | 60.0 | 59.4 | 58.7 |
| -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: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-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° | 57.8 | 56.8 | 55.7 | 54.5 | 53.3 | 51.9 | 50.4 | 48.8 | 47.1 | 45.3 | 43.5 |
| 85° | 208.6 | 203.3 | 197.4 | 190.9 | 183.9 | 176.3 | 168.2 | 159.5 | 150.4 | 140.7 | 130.6 |
| 82.5° | 428.0 | 416.4 | 403.5 | 389.4 | 374.0 | 357.4 | 339.6 | 320.7 | 300.7 | 279.7 | 257.6 |
| 80° | 675.1 | 658.0 | 639.0 | 618.2 | 595.5 | 571.1 | 545.0 | 517.2 | 487.8 | 458.2 | 428.8 |
| 77.5° | 918.0 | 897.5 | 874.8 | 849.8 | 822.7 | 793.4 | 762.1 | 728.3 | 691.5 | 652.7 | 612.1 |
| 75° | 1179.3 | 1151.3 | 1120.1 | 1086.0 | 1048.8 | 1008.9 | 969.7 | 929.7 | 887.4 | 842.8 | 796.2 |
| 72.5° | 1502.2 | 1458.9 | 1410.9 | 1358.2 | 1301.1 | 1250.8 | 1200.7 | 1147.5 | 1091.3 | 1032.2 | 973.4 |
| 70° | 1908.4 | 1845.4 | 1775.5 | 1698.8 | 1626.6 | 1555.9 | 1480.3 | 1400.1 | 1315.4 | 1240.8 | 1170.0 |
| 67.5° | 2398.8 | 2313.0 | 2217.9 | 2119.7 | 2025.5 | 1924.3 | 1816.2 | 1701.5 | 1598.8 | 1498.3 | 1393.3 |
| 65° | 2997.0 | 2872.4 | 2734.4 | 2616.2 | 2489.7 | 2353.8 | 2208.8 | 2070.9 | 1935.9 | 1794.2 | 1650.8 |
| 62.5° | 3724.4 | 3563.4 | 3397.8 | 3230.1 | 3048.5 | 2853.5 | 2664.5 | 2494.4 | 2315.3 | 2131.4 | 1968.1 |
| 60° | 4532.1 | 4348.7 | 4151.9 | 3937.1 | 3704.8 | 3458.5 | 3230.1 | 2988.5 | 2734.4 | 2527.3 | 2313.0 |
| 57.5° | 5350.8 | 5154.5 | 4932.0 | 4689.2 | 4426.9 | 4151.9 | 3862.2 | 3556.1 | 3268.0 | 2978.5 | 2688.6 |
| 55° | 6130.5 | 5924.5 | 5692.2 | 5438.9 | 5162.3 | 4856.7 | 4532.1 | 4194.3 | 3845.7 | 3481.8 | 3155.1 |
| 52.5° | 6821.1 | 6618.2 | 6394.5 | 6151.0 | 5861.8 | 5545.2 | 5208.2 | 4838.2 | 4450.6 | 4055.4 | 3648.4 |
| 50° | 7443.9 | 7245.0 | 7026.1 | 6781.2 | 6497.6 | 6195.3 | 5846.5 | 5466.1 | 5060.2 | 4626.7 | 4182.4 |
| 47.5° | 8008.7 | 7814.2 | 7600.4 | 7350.4 | 7074.6 | 6773.3 | 6429.6 | 6065.2 | 5639.3 | 5194.6 | 4715.4 |
| 45° | 8527.8 | 8334.2 | 8119.2 | 7869.4 | 7601.8 | 7293.9 | 6961.9 | 6588.0 | 6186.0 | 5726.6 | 5239.7 |
| 42.5° | 8989.3 | 8808.4 | 8593.1 | 8346.1 | 8075.8 | 7771.6 | 7442.3 | 7071.6 | 6667.9 | 6225.4 | 5726.6 |
| 40° | 9391.3 | 9223.6 | 9012.1 | 8782.8 | 8509.5 | 8210.8 | 7874.8 | 7517.2 | 7108.4 | 6667.9 | 6186.0 |
| 37.5° | 9742.5 | 9576.4 | 9379.8 | 9161.0 | 8899.8 | 8609.0 | 8275.8 | 7909.4 | 7517.2 | 7071.6 | 6588.0 |
| 35° | 10051.7 | 9888.2 | 9703.0 | 9486.1 | 9246.6 | 8958.9 | 8642.3 | 8275.8 | 7874.8 | 7442.3 | 6961.9 |
| 32.5° | 10317.1 | 10160.2 | 9987.5 | 9775.7 | 9539.9 | 9272.8 | 8958.9 | 8609.0 | 8210.8 | 7771.6 | 7293.9 |
| 30° | 10536.1 | 10394.9 | 10226.6 | 10033.7 | 9800.1 | 9539.9 | 9246.6 | 8899.8 | 8509.5 | 8075.8 | 7601.8 |
| 27.5° | 10724.9 | 10595.7 | 10433.7 | 10249.0 | 10033.7 | 9775.7 | 9486.1 | 9161.0 | 8782.8 | 8346.1 | 7869.4 |
| 25° | 10883.8 | 10760.8 | 10612.9 | 10433.7 | 10226.6 | 9987.5 | 9703.0 | 9379.8 | 9012.1 | 8593.1 | 8119.2 |
| 22.5° | 11015.0 | 10899.0 | 10760.8 | 10595.7 | 10394.9 | 10160.2 | 9888.2 | 9576.4 | 9223.6 | 8808.4 | 8334.2 |
| 20° | 11115.6 | 11015.0 | 10883.8 | 10724.9 | 10536.1 | 10317.1 | 10051.7 | 9742.5 | 9391.3 | 8989.3 | 8527.8 |
| 17.5° | 11180.3 | 11102.4 | 10987.1 | 10838.9 | 10654.5 | 10438.3 | 10184.0 | 9886.0 | 9542.6 | 9152.1 | 8701.6 |
| 15° | 11223.9 | 11164.9 | 11063.5 | 10925.1 | 10753.2 | 10545.1 | 10301.7 | 10012.7 | 9671.8 | 9284.5 | 8837.0 |
| 12.5° | 11234.6 | 11204.1 | 11128.2 | 11000.7 | 10835.3 | 10631.2 | 10391.2 | 10106.6 | 9773.0 | 9390.7 | 8950.8 |
| 10° | 11240.9 | 11226.2 | 11165.5 | 11050.7 | 10893.6 | 10697.4 | 10462.5 | 10184.7 | 9857.1 | 9478.8 | 9045.0 |
| 7.5° | 11236.1 | 11232.9 | 11189.9 | 11090.7 | 10939.9 | 10750.0 | 10518.8 | 10246.4 | 9923.3 | 9548.0 | 9118.9 |
| 5° | 11232.6 | 11237.9 | 11207.8 | 11119.9 | 10973.6 | 10788.1 | 10559.6 | 10291.0 | 9971.1 | 9597.9 | 9172.2 |
| 2.5° | 11230.4 | 11241.0 | 11218.7 | 11137.6 | 10994.1 | 10811.2 | 10584.3 | 10317.9 | 9999.9 | 9628.0 | 9204.3 |
| 0° | 11229.7 | 11242.0 | 11222.4 | 11143.6 | 11001.0 | 10818.9 | 10592.6 | 10326.9 | 10009.6 | 9638.1 | 9215.0 |
| -2.5° | 11230.4 | 11241.0 | 11218.7 | 11137.6 | 10994.1 | 10811.2 | 10584.3 | 10317.9 | 9999.9 | 9628.0 | 9204.3 |
| -5° | 11232.6 | 11237.9 | 11207.8 | 11119.9 | 10973.6 | 10788.1 | 10559.6 | 10291.0 | 9971.1 | 9597.9 | 9172.2 |
| -7.5° | 11236.1 | 11232.9 | 11189.9 | 11090.7 | 10939.9 | 10750.0 | 10518.8 | 10246.4 | 9923.3 | 9548.0 | 9118.9 |
| -10° | 11240.9 | 11226.2 | 11165.5 | 11050.7 | 10893.6 | 10697.4 | 10462.5 | 10184.7 | 9857.1 | 9478.8 | 9045.0 |
| -12.5° | 11234.6 | 11204.1 | 11128.2 | 11000.7 | 10835.3 | 10631.2 | 10391.2 | 10106.6 | 9773.0 | 9390.7 | 8950.8 |
| -15° | 11223.9 | 11164.9 | 11063.5 | 10925.1 | 10753.2 | 10545.1 | 10301.7 | 10012.7 | 9671.8 | 9284.5 | 8837.0 |
| -17.5° | 11180.3 | 11102.4 | 10987.1 | 10838.9 | 10654.5 | 10438.3 | 10184.0 | 9886.0 | 9542.6 | 9152.1 | 8701.6 |
| -20° | 11115.6 | 11015.0 | 10883.8 | 10724.9 | 10536.1 | 10317.1 | 10051.7 | 9742.5 | 9391.3 | 8989.3 | 8527.8 |



REPORT NUMBER: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| -22.5° | 11015.0 | 10899.0 | 10760.8 | 10595.7 | 10394.9 | 10160.2 | 9888.2 | 9576.4 | 9223.6 | 8808.4 | 8334.2 |
| -25° | 10883.8 | 10760.8 | 10612.9 | 10433.7 | 10226.6 | 9987.5 | 9703.0 | 9379.8 | 9012.1 | 8593.1 | 8119.2 |
| -27.5° | 10724.9 | 10595.7 | 10433.7 | 10249.0 | 10033.7 | 9775.7 | 9486.1 | 9161.0 | 8782.8 | 8346.1 | 7869.4 |
| -30° | 10536.1 | 10394.9 | 10226.6 | 10033.7 | 9800.1 | 9539.9 | 9246.6 | 8899.8 | 8509.5 | 8075.8 | 7601.8 |
| -32.5° | 10317.1 | 10160.2 | 9987.5 | 9775.7 | 9539.9 | 9272.8 | 8958.9 | 8609.0 | 8210.8 | 7771.6 | 7293.9 |
| -35° | 10051.7 | 9888.2 | 9703.0 | 9486.1 | 9246.6 | 8958.9 | 8642.3 | 8275.8 | 7874.8 | 7442.3 | 6961.9 |
| -37.5° | 9742.5 | 9576.4 | 9379.8 | 9161.0 | 8899.8 | 8609.0 | 8275.8 | 7909.4 | 7517.2 | 7071.6 | 6588.0 |
| -40° | 9391.3 | 9223.6 | 9012.1 | 8782.8 | 8509.5 | 8210.8 | 7874.8 | 7517.2 | 7108.4 | 6667.9 | 6186.0 |
| -42.5° | 8989.3 | 8808.4 | 8593.1 | 8346.1 | 8075.8 | 7771.6 | 7442.3 | 7071.6 | 6667.9 | 6225.4 | 5726.6 |
| -45° | 8527.8 | 8334.2 | 8119.2 | 7869.4 | 7601.8 | 7293.9 | 6961.9 | 6588.0 | 6186.0 | 5726.6 | 5239.7 |
| -47.5° | 8008.7 | 7814.2 | 7600.4 | 7350.4 | 7074.6 | 6773.3 | 6429.6 | 6065.2 | 5639.3 | 5194.6 | 4715.4 |
| -50° | 7443.9 | 7245.0 | 7026.1 | 6781.2 | 6497.6 | 6195.3 | 5846.5 | 5466.1 | 5060.2 | 4626.7 | 4182.4 |
| -52.5° | 6821.1 | 6618.2 | 6394.5 | 6151.0 | 5861.8 | 5545.2 | 5208.2 | 4838.2 | 4450.6 | 4055.4 | 3648.4 |
| -55° | 6130.5 | 5924.5 | 5692.2 | 5438.9 | 5162.3 | 4856.7 | 4532.1 | 4194.3 | 3845.7 | 3481.8 | 3155.1 |
| -57.5° | 5350.8 | 5154.5 | 4932.0 | 4689.2 | 4426.9 | 4151.9 | 3862.2 | 3556.1 | 3268.0 | 2978.5 | 2688.6 |
| -60° | 4532.1 | 4348.7 | 4151.9 | 3937.1 | 3704.8 | 3458.5 | 3230.1 | 2988.5 | 2734.4 | 2527.3 | 2313.0 |
| -62.5° | 3724.4 | 3563.4 | 3397.8 | 3230.1 | 3048.5 | 2853.5 | 2664.5 | 2494.4 | 2315.3 | 2131.4 | 1968.1 |
| -65° | 2997.0 | 2872.4 | 2734.4 | 2616.2 | 2489.7 | 2353.8 | 2208.8 | 2070.9 | 1935.9 | 1794.2 | 1650.8 |
| -67.5° | 2398.8 | 2313.0 | 2217.9 | 2119.7 | 2025.5 | 1924.3 | 1816.2 | 1701.5 | 1598.8 | 1498.3 | 1393.3 |
| -70° | 1908.4 | 1845.4 | 1775.5 | 1698.8 | 1626.6 | 1555.9 | 1480.3 | 1400.1 | 1315.4 | 1240.8 | 1170.0 |
| -72.5° | 1502.2 | 1458.9 | 1410.9 | 1358.2 | 1301.1 | 1250.8 | 1200.7 | 1147.5 | 1091.3 | 1032.2 | 973.4 |
| -75° | 1179.3 | 1151.3 | 1120.1 | 1086.0 | 1048.8 | 1008.9 | 969.7 | 929.7 | 887.4 | 842.8 | 796.2 |
| -77.5° | 918.0 | 897.5 | 874.8 | 849.8 | 822.7 | 793.4 | 762.1 | 728.3 | 691.5 | 652.7 | 612.1 |
| -80° | 675.1 | 658.0 | 639.0 | 618.2 | 595.5 | 571.1 | 545.0 | 517.2 | 487.8 | 458.2 | 428.8 |
| -82.5° | 428.0 | 416.4 | 403.5 | 389.4 | 374.0 | 357.4 | 339.6 | 320.7 | 300.7 | 279.7 | 257.6 |
| -85° | 208.6 | 203.3 | 197.4 | 190.9 | 183.9 | 176.3 | 168.2 | 159.5 | 150.4 | 140.7 | 130.6 |
| -87.5° | 57.8 | 56.8 | 55.7 | 54.5 | 53.3 | 51.9 | 50.4 | 48.8 | 47.1 | 45.3 | 43.5 |
| -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: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-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° | 41.5 | 39.5 | 37.4 | 35.3 | 33.0 | 30.7 | 28.4 | 26.0 | 23.5 | 21.0 | 18.5 |
| 85° | 120.1 | 109.1 | 97.7 | 86.0 | 73.8 | 61.4 | 56.7 | 51.9 | 47.0 | 42.0 | 36.9 |
| 82.5° | 234.6 | 216.3 | 199.2 | 181.5 | 163.3 | 144.6 | 125.4 | 105.8 | 85.8 | 65.4 | 55.3 |
| 80° | 398.0 | 366.0 | 332.8 | 298.6 | 263.2 | 227.5 | 202.0 | 175.8 | 149.2 | 122.1 | 94.5 |
| 77.5° | 569.7 | 525.6 | 479.9 | 436.4 | 392.3 | 346.9 | 300.5 | 253.0 | 212.1 | 178.3 | 143.9 |
| 75° | 747.6 | 695.0 | 640.2 | 583.5 | 525.2 | 466.0 | 410.3 | 353.4 | 295.4 | 236.5 | 192.9 |
| 72.5° | 916.6 | 857.6 | 796.5 | 733.1 | 665.1 | 595.3 | 523.9 | 452.9 | 385.4 | 316.8 | 247.1 |
| 70° | 1096.1 | 1019.5 | 946.9 | 874.8 | 800.7 | 723.9 | 642.4 | 559.3 | 474.5 | 396.1 | 316.8 |
| 67.5° | 1284.7 | 1198.3 | 1109.1 | 1017.2 | 931.4 | 845.9 | 758.6 | 666.1 | 571.1 | 474.5 | 385.4 |
| 65° | 1529.1 | 1402.9 | 1276.0 | 1173.8 | 1068.9 | 965.5 | 868.7 | 769.9 | 666.1 | 559.3 | 452.9 |
| 62.5° | 1798.4 | 1632.2 | 1488.8 | 1341.2 | 1212.9 | 1094.8 | 976.9 | 868.7 | 758.6 | 642.4 | 523.9 |
| 60° | 2100.4 | 1908.4 | 1710.5 | 1540.7 | 1375.7 | 1225.9 | 1094.8 | 965.5 | 845.9 | 723.9 | 595.3 |
| 57.5° | 2447.0 | 2197.3 | 1974.9 | 1754.6 | 1558.0 | 1375.7 | 1212.9 | 1068.9 | 931.4 | 800.7 | 665.1 |
| 55° | 2817.6 | 2528.0 | 2251.0 | 1997.2 | 1754.6 | 1540.7 | 1341.2 | 1173.8 | 1017.2 | 874.8 | 733.1 |
| 52.5° | 3262.0 | 2888.3 | 2555.1 | 2251.0 | 1974.9 | 1710.5 | 1488.8 | 1276.0 | 1109.1 | 946.9 | 796.5 |
| 50° | 3732.3 | 3297.8 | 2888.3 | 2528.0 | 2197.3 | 1908.4 | 1632.2 | 1402.9 | 1198.3 | 1019.5 | 857.6 |
| 47.5° | 4225.0 | 3732.3 | 3262.0 | 2817.6 | 2447.0 | 2100.4 | 1798.4 | 1529.1 | 1284.7 | 1096.1 | 916.6 |
| 45° | 4715.4 | 4182.4 | 3648.4 | 3155.1 | 2688.6 | 2313.0 | 1968.1 | 1650.8 | 1393.3 | 1170.0 | 973.4 |
| 42.5° | 5194.6 | 4626.7 | 4055.4 | 3481.8 | 2978.5 | 2527.3 | 2131.4 | 1794.2 | 1498.3 | 1240.8 | 1032.2 |
| 40° | 5639.3 | 5060.2 | 4450.6 | 3845.7 | 3268.0 | 2734.4 | 2315.3 | 1935.9 | 1598.8 | 1315.4 | 1091.3 |
| 37.5° | 6065.2 | 5466.1 | 4838.2 | 4194.3 | 3556.1 | 2988.5 | 2494.4 | 2070.9 | 1701.5 | 1400.1 | 1147.5 |
| 35° | 6429.6 | 5846.5 | 5208.2 | 4532.1 | 3862.2 | 3230.1 | 2664.5 | 2208.8 | 1816.2 | 1480.3 | 1200.7 |
| 32.5° | 6773.3 | 6195.3 | 5545.2 | 4856.7 | 4151.9 | 3458.5 | 2853.5 | 2353.8 | 1924.3 | 1555.9 | 1250.8 |
| 30° | 7074.6 | 6497.6 | 5861.8 | 5162.3 | 4426.9 | 3704.8 | 3048.5 | 2489.7 | 2025.5 | 1626.6 | 1301.1 |
| 27.5° | 7350.4 | 6781.2 | 6151.0 | 5438.9 | 4689.2 | 3937.1 | 3230.1 | 2616.2 | 2119.7 | 1698.8 | 1358.2 |
| 25° | 7600.4 | 7026.1 | 6394.5 | 5692.2 | 4932.0 | 4151.9 | 3397.8 | 2734.4 | 2217.9 | 1775.5 | 1410.9 |
| 22.5° | 7814.2 | 7245.0 | 6618.2 | 5924.5 | 5154.5 | 4348.7 | 3563.4 | 2872.4 | 2313.0 | 1845.4 | 1458.9 |
| 20° | 8008.7 | 7443.9 | 6821.1 | 6130.5 | 5350.8 | 4532.1 | 3724.4 | 2997.0 | 2398.8 | 1908.4 | 1502.2 |
| 17.5° | 8180.9 | 7613.7 | 6988.0 | 6296.9 | 5522.5 | 4695.4 | 3867.7 | 3107.8 | 2475.1 | 1964.4 | 1540.7 |
| 15° | 8322.0 | 7754.9 | 7131.5 | 6442.6 | 5672.8 | 4838.2 | 3992.9 | 3204.6 | 2541.6 | 2013.3 | 1574.2 |
| 12.5° | 8442.9 | 7875.6 | 7254.2 | 6566.9 | 5800.9 | 4960.0 | 4099.5 | 3286.9 | 2598.3 | 2054.8 | 1602.7 |
| 10° | 8542.9 | 7975.3 | 7355.4 | 6669.5 | 5906.5 | 5060.2 | 4187.2 | 3354.7 | 2644.8 | 2089.0 | 1626.1 |
| 7.5° | 8621.3 | 8053.5 | 7434.7 | 6749.7 | 5989.0 | 5138.5 | 4255.8 | 3407.6 | 2681.2 | 2115.6 | 1644.3 |
| 5° | 8677.7 | 8109.7 | 7491.6 | 6807.3 | 6048.3 | 5194.6 | 4304.9 | 3445.5 | 2707.2 | 2134.7 | 1657.4 |
| 2.5° | 8711.6 | 8143.5 | 7525.9 | 6841.9 | 6083.9 | 5228.4 | 4334.4 | 3468.3 | 2722.9 | 2146.2 | 1665.3 |
| 0° | 8723.0 | 8154.8 | 7537.3 | 6853.5 | 6095.8 | 5239.7 | 4344.3 | 3475.9 | 2728.1 | 2150.0 | 1667.9 |
| -2.5° | 8711.6 | 8143.5 | 7525.9 | 6841.9 | 6083.9 | 5228.4 | 4334.4 | 3468.3 | 2722.9 | 2146.2 | 1665.3 |
| -5° | 8677.7 | 8109.7 | 7491.6 | 6807.3 | 6048.3 | 5194.6 | 4304.9 | 3445.5 | 2707.2 | 2134.7 | 1657.4 |
| -7.5° | 8621.3 | 8053.5 | 7434.7 | 6749.7 | 5989.0 | 5138.5 | 4255.8 | 3407.6 | 2681.2 | 2115.6 | 1644.3 |
| -10° | 8542.9 | 7975.3 | 7355.4 | 6669.5 | 5906.5 | 5060.2 | 4187.2 | 3354.7 | 2644.8 | 2089.0 | 1626.1 |
| -12.5° | 8442.9 | 7875.6 | 7254.2 | 6566.9 | 5800.9 | 4960.0 | 4099.5 | 3286.9 | 2598.3 | 2054.8 | 1602.7 |
| -15° | 8322.0 | 7754.9 | 7131.5 | 6442.6 | 5672.8 | 4838.2 | 3992.9 | 3204.6 | 2541.6 | 2013.3 | 1574.2 |
| -17.5° | 8180.9 | 7613.7 | 6988.0 | 6296.9 | 5522.5 | 4695.4 | 3867.7 | 3107.8 | 2475.1 | 1964.4 | 1540.7 |
| -20° | 8008.7 | 7443.9 | 6821.1 | 6130.5 | 5350.8 | 4532.1 | 3724.4 | 2997.0 | 2398.8 | 1908.4 | 1502.2 |



REPORT NUMBER: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-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° | 7814.2 | 7245.0 | 6618.2 | 5924.5 | 5154.5 | 4348.7 | 3563.4 | 2872.4 | 2313.0 | 1845.4 | 1458.9 |
| -25° | 7600.4 | 7026.1 | 6394.5 | 5692.2 | 4932.0 | 4151.9 | 3397.8 | 2734.4 | 2217.9 | 1775.5 | 1410.9 |
| -27.5° | 7350.4 | 6781.2 | 6151.0 | 5438.9 | 4689.2 | 3937.1 | 3230.1 | 2616.2 | 2119.7 | 1698.8 | 1358.2 |
| -30° | 7074.6 | 6497.6 | 5861.8 | 5162.3 | 4426.9 | 3704.8 | 3048.5 | 2489.7 | 2025.5 | 1626.6 | 1301.1 |
| -32.5° | 6773.3 | 6195.3 | 5545.2 | 4856.7 | 4151.9 | 3458.5 | 2853.5 | 2353.8 | 1924.3 | 1555.9 | 1250.8 |
| -35° | 6429.6 | 5846.5 | 5208.2 | 4532.1 | 3862.2 | 3230.1 | 2664.5 | 2208.8 | 1816.2 | 1480.3 | 1200.7 |
| -37.5° | 6065.2 | 5466.1 | 4838.2 | 4194.3 | 3556.1 | 2988.5 | 2494.4 | 2070.9 | 1701.5 | 1400.1 | 1147.5 |
| -40° | 5639.3 | 5060.2 | 4450.6 | 3845.7 | 3268.0 | 2734.4 | 2315.3 | 1935.9 | 1598.8 | 1315.4 | 1091.3 |
| -42.5° | 5194.6 | 4626.7 | 4055.4 | 3481.8 | 2978.5 | 2527.3 | 2131.4 | 1794.2 | 1498.3 | 1240.8 | 1032.2 |
| -45° | 4715.4 | 4182.4 | 3648.4 | 3155.1 | 2688.6 | 2313.0 | 1968.1 | 1650.8 | 1393.3 | 1170.0 | 973.4 |
| -47.5° | 4225.0 | 3732.3 | 3262.0 | 2817.6 | 2447.0 | 2100.4 | 1798.4 | 1529.1 | 1284.7 | 1096.1 | 916.6 |
| -50° | 3732.3 | 3297.8 | 2888.3 | 2528.0 | 2197.3 | 1908.4 | 1632.2 | 1402.9 | 1198.3 | 1019.5 | 857.6 |
| -52.5° | 3262.0 | 2888.3 | 2555.1 | 2251.0 | 1974.9 | 1710.5 | 1488.8 | 1276.0 | 1109.1 | 946.9 | 796.5 |
| -55° | 2817.6 | 2528.0 | 2251.0 | 1997.2 | 1754.6 | 1540.7 | 1341.2 | 1173.8 | 1017.2 | 874.8 | 733.1 |
| -57.5° | 2447.0 | 2197.3 | 1974.9 | 1754.6 | 1558.0 | 1375.7 | 1212.9 | 1068.9 | 931.4 | 800.7 | 665.1 |
| -60° | 2100.4 | 1908.4 | 1710.5 | 1540.7 | 1375.7 | 1225.9 | 1094.8 | 965.5 | 845.9 | 723.9 | 595.3 |
| -62.5° | 1798.4 | 1632.2 | 1488.8 | 1341.2 | 1212.9 | 1094.8 | 976.9 | 868.7 | 758.6 | 642.4 | 523.9 |
| -65° | 1529.1 | 1402.9 | 1276.0 | 1173.8 | 1068.9 | 965.5 | 868.7 | 769.9 | 666.1 | 559.3 | 452.9 |
| -67.5° | 1284.7 | 1198.3 | 1109.1 | 1017.2 | 931.4 | 845.9 | 758.6 | 666.1 | 571.1 | 474.5 | 385.4 |
| -70° | 1096.1 | 1019.5 | 946.9 | 874.8 | 800.7 | 723.9 | 642.4 | 559.3 | 474.5 | 396.1 | 316.8 |
| -72.5° | 916.6 | 857.6 | 796.5 | 733.1 | 665.1 | 595.3 | 523.9 | 452.9 | 385.4 | 316.8 | 247.1 |
| -75° | 747.6 | 695.0 | 640.2 | 583.5 | 525.2 | 466.0 | 410.3 | 353.4 | 295.4 | 236.5 | 192.9 |
| -77.5° | 569.7 | 525.6 | 479.9 | 436.4 | 392.3 | 346.9 | 300.5 | 253.0 | 212.1 | 178.3 | 143.9 |
| -80° | 398.0 | 366.0 | 332.8 | 298.6 | 263.2 | 227.5 | 202.0 | 175.8 | 149.2 | 122.1 | 94.5 |
| -82.5° | 234.6 | 216.3 | 199.2 | 181.5 | 163.3 | 144.6 | 125.4 | 105.8 | 85.8 | 65.4 | 55.3 |
| -85° | 120.1 | 109.1 | 97.7 | 86.0 | 73.8 | 61.4 | 56.7 | 51.9 | 47.0 | 42.0 | 36.9 |
| -87.5° | 41.5 | 39.5 | 37.4 | 35.3 | 33.0 | 30.7 | 28.4 | 26.0 | 23.5 | 21.0 | 18.5 |
| -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: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-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° | 15.9 | 13.3 | 10.7 | 8.0 | 5.4 | 2.7 | 0.0 |
| 85° | 31.8 | 26.6 | 21.3 | 16.0 | 10.7 | 5.4 | 0.0 |
| 82.5° | 47.6 | 39.8 | 31.9 | 24.0 | 16.0 | 8.0 | 0.0 |
| 80° | 66.6 | 53.0 | 42.5 | 31.9 | 21.3 | 10.7 | 0.0 |
| 77.5° | 109.1 | 73.9 | 53.0 | 39.8 | 26.6 | 13.3 | 0.0 |
| 75° | 151.2 | 109.1 | 66.6 | 47.6 | 31.8 | 15.9 | 0.0 |
| 72.5° | 192.9 | 143.9 | 94.5 | 55.3 | 36.9 | 18.5 | 0.0 |
| 70° | 236.5 | 178.3 | 122.1 | 65.4 | 42.0 | 21.0 | 0.0 |
| 67.5° | 295.4 | 212.1 | 149.2 | 85.8 | 47.0 | 23.5 | 0.0 |
| 65° | 353.4 | 253.0 | 175.8 | 105.8 | 51.9 | 26.0 | 0.0 |
| 62.5° | 410.3 | 300.5 | 202.0 | 125.4 | 56.7 | 28.4 | 0.0 |
| 60° | 466.0 | 346.9 | 227.5 | 144.6 | 61.4 | 30.7 | 0.0 |
| 57.5° | 525.2 | 392.3 | 263.2 | 163.3 | 73.8 | 33.0 | 0.0 |
| 55° | 583.5 | 436.4 | 298.6 | 181.5 | 86.0 | 35.3 | 0.0 |
| 52.5° | 640.2 | 479.9 | 332.8 | 199.2 | 97.7 | 37.4 | 0.0 |
| 50° | 695.0 | 525.6 | 366.0 | 216.3 | 109.1 | 39.5 | 0.0 |
| 47.5° | 747.6 | 569.7 | 398.0 | 234.6 | 120.1 | 41.5 | 0.0 |
| 45° | 796.2 | 612.1 | 428.8 | 257.6 | 130.6 | 43.5 | 0.0 |
| 42.5° | 842.8 | 652.7 | 458.2 | 279.7 | 140.7 | 45.3 | 0.0 |
| 40° | 887.4 | 691.5 | 487.8 | 300.7 | 150.4 | 47.1 | 0.0 |
| 37.5° | 929.7 | 728.3 | 517.2 | 320.7 | 159.5 | 48.8 | 0.0 |
| 35° | 969.7 | 762.1 | 545.0 | 339.6 | 168.2 | 50.4 | 0.0 |
| 32.5° | 1008.9 | 793.4 | 571.1 | 357.4 | 176.3 | 51.9 | 0.0 |
| 30° | 1048.8 | 822.7 | 595.5 | 374.0 | 183.9 | 53.3 | 0.0 |
| 27.5° | 1086.0 | 849.8 | 618.2 | 389.4 | 190.9 | 54.5 | 0.0 |
| 25° | 1120.1 | 874.8 | 639.0 | 403.5 | 197.4 | 55.7 | 0.0 |
| 22.5° | 1151.3 | 897.5 | 658.0 | 416.4 | 203.3 | 56.8 | 0.0 |
| 20° | 1179.3 | 918.0 | 675.1 | 428.0 | 208.6 | 57.8 | 0.0 |
| 17.5° | 1204.2 | 936.2 | 690.3 | 438.3 | 213.3 | 58.7 | 0.0 |
| 15° | 1225.9 | 952.0 | 703.5 | 447.3 | 217.4 | 59.4 | 0.0 |
| 12.5° | 1244.4 | 965.5 | 714.7 | 454.9 | 220.8 | 60.0 | 0.0 |
| 10° | 1259.5 | 976.6 | 723.9 | 461.1 | 223.7 | 60.6 | 0.0 |
| 7.5° | 1271.4 | 985.2 | 731.1 | 466.0 | 225.9 | 61.0 | 0.0 |
| 5° | 1279.8 | 991.4 | 736.3 | 469.5 | 227.5 | 61.3 | 0.0 |
| 2.5° | 1284.9 | 995.1 | 739.4 | 471.6 | 228.5 | 61.4 | 0.0 |
| 0° | 1286.6 | 996.3 | 740.4 | 472.3 | 228.8 | 61.5 | 0.0 |
| -2.5° | 1284.9 | 995.1 | 739.4 | 471.6 | 228.5 | 61.4 | 0.0 |
| -5° | 1279.8 | 991.4 | 736.3 | 469.5 | 227.5 | 61.3 | 0.0 |
| -7.5° | 1271.4 | 985.2 | 731.1 | 466.0 | 225.9 | 61.0 | 0.0 |
| -10° | 1259.5 | 976.6 | 723.9 | 461.1 | 223.7 | 60.6 | 0.0 |
| -12.5° | 1244.4 | 965.5 | 714.7 | 454.9 | 220.8 | 60.0 | 0.0 |
| -15° | 1225.9 | 952.0 | 703.5 | 447.3 | 217.4 | 59.4 | 0.0 |
| -17.5° | 1204.2 | 936.2 | 690.3 | 438.3 | 213.3 | 58.7 | 0.0 |
| -20° | 1179.3 | 918.0 | 675.1 | 428.0 | 208.6 | 57.8 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645494 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|-------|-------|-------|-------|-------|-----|
| -22.5° | 1151.3 | 897.5 | 658.0 | 416.4 | 203.3 | 56.8 | 0.0 |
| -25° | 1120.1 | 874.8 | 639.0 | 403.5 | 197.4 | 55.7 | 0.0 |
| -27.5° | 1086.0 | 849.8 | 618.2 | 389.4 | 190.9 | 54.5 | 0.0 |
| -30° | 1048.8 | 822.7 | 595.5 | 374.0 | 183.9 | 53.3 | 0.0 |
| -32.5° | 1008.9 | 793.4 | 571.1 | 357.4 | 176.3 | 51.9 | 0.0 |
| -35° | 969.7 | 762.1 | 545.0 | 339.6 | 168.2 | 50.4 | 0.0 |
| -37.5° | 929.7 | 728.3 | 517.2 | 320.7 | 159.5 | 48.8 | 0.0 |
| -40° | 887.4 | 691.5 | 487.8 | 300.7 | 150.4 | 47.1 | 0.0 |
| -42.5° | 842.8 | 652.7 | 458.2 | 279.7 | 140.7 | 45.3 | 0.0 |
| -45° | 796.2 | 612.1 | 428.8 | 257.6 | 130.6 | 43.5 | 0.0 |
| -47.5° | 747.6 | 569.7 | 398.0 | 234.6 | 120.1 | 41.5 | 0.0 |
| -50° | 695.0 | 525.6 | 366.0 | 216.3 | 109.1 | 39.5 | 0.0 |
| -52.5° | 640.2 | 479.9 | 332.8 | 199.2 | 97.7 | 37.4 | 0.0 |
| -55° | 583.5 | 436.4 | 298.6 | 181.5 | 86.0 | 35.3 | 0.0 |
| -57.5° | 525.2 | 392.3 | 263.2 | 163.3 | 73.8 | 33.0 | 0.0 |
| -60° | 466.0 | 346.9 | 227.5 | 144.6 | 61.4 | 30.7 | 0.0 |
| -62.5° | 410.3 | 300.5 | 202.0 | 125.4 | 56.7 | 28.4 | 0.0 |
| -65° | 353.4 | 253.0 | 175.8 | 105.8 | 51.9 | 26.0 | 0.0 |
| -67.5° | 295.4 | 212.1 | 149.2 | 85.8 | 47.0 | 23.5 | 0.0 |
| -70° | 236.5 | 178.3 | 122.1 | 65.4 | 42.0 | 21.0 | 0.0 |
| -72.5° | 192.9 | 143.9 | 94.5 | 55.3 | 36.9 | 18.5 | 0.0 |
| -75° | 151.2 | 109.1 | 66.6 | 47.6 | 31.8 | 15.9 | 0.0 |
| -77.5° | 109.1 | 73.9 | 53.0 | 39.8 | 26.6 | 13.3 | 0.0 |
| -80° | 66.6 | 53.0 | 42.5 | 31.9 | 21.3 | 10.7 | 0.0 |
| -82.5° | 47.6 | 39.8 | 31.9 | 24.0 | 16.0 | 8.0 | 0.0 |
| -85° | 31.8 | 26.6 | 21.3 | 16.0 | 10.7 | 5.4 | 0.0 |
| -87.5° | 15.9 | 13.3 | 10.7 | 8.0 | 5.4 | 2.7 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)