

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: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6E-735-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645590 (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-735-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

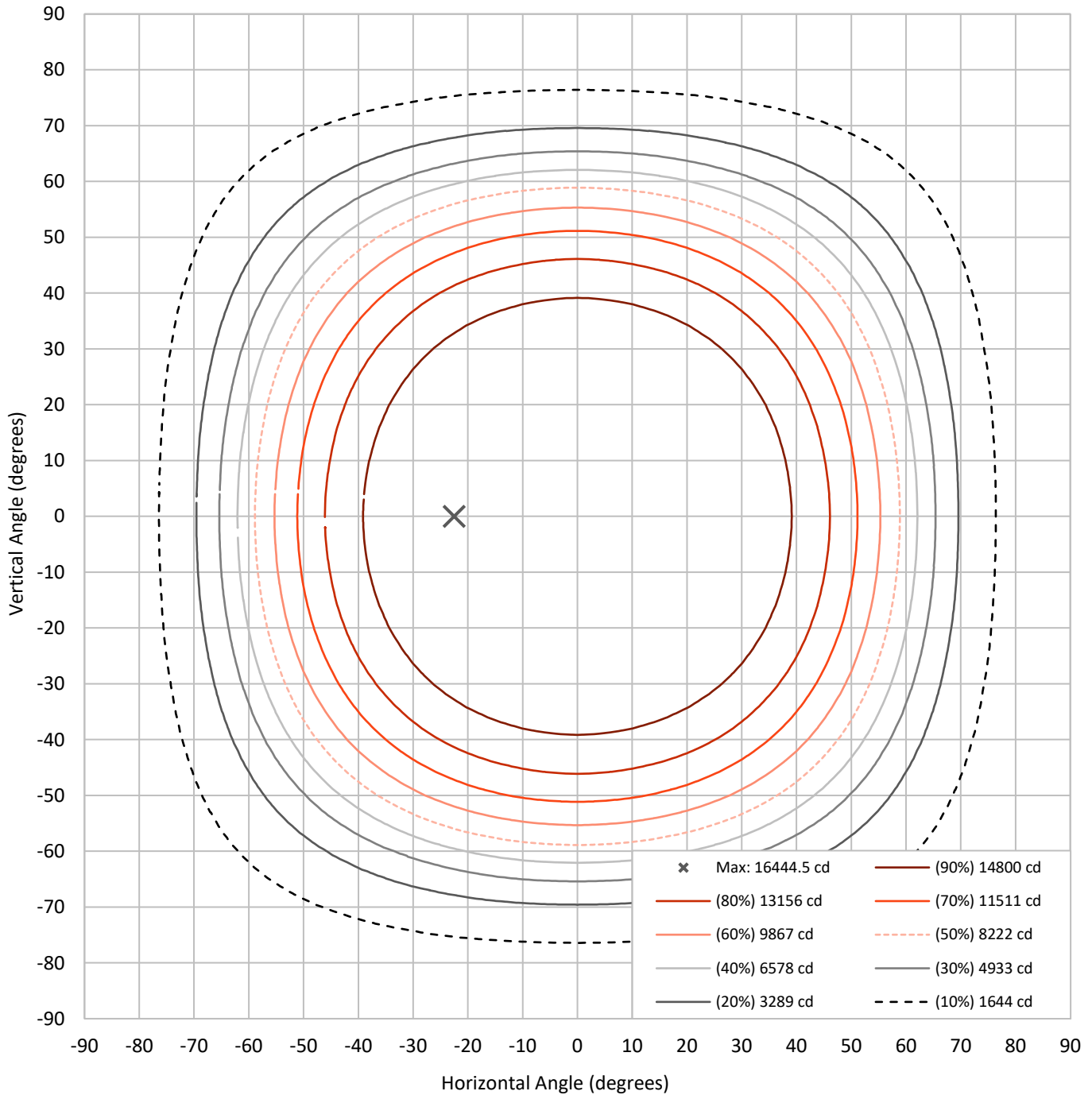
Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 50304.7 lumens | Max Intensity: | 16444.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | -22.5°H x 0°V |
| Efficacy: | 133.5 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: | 41864.6 lumens | Field Lumens: | 49315.4 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 | | |



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-735-U-LAM-XX

Iso-Candela Plot





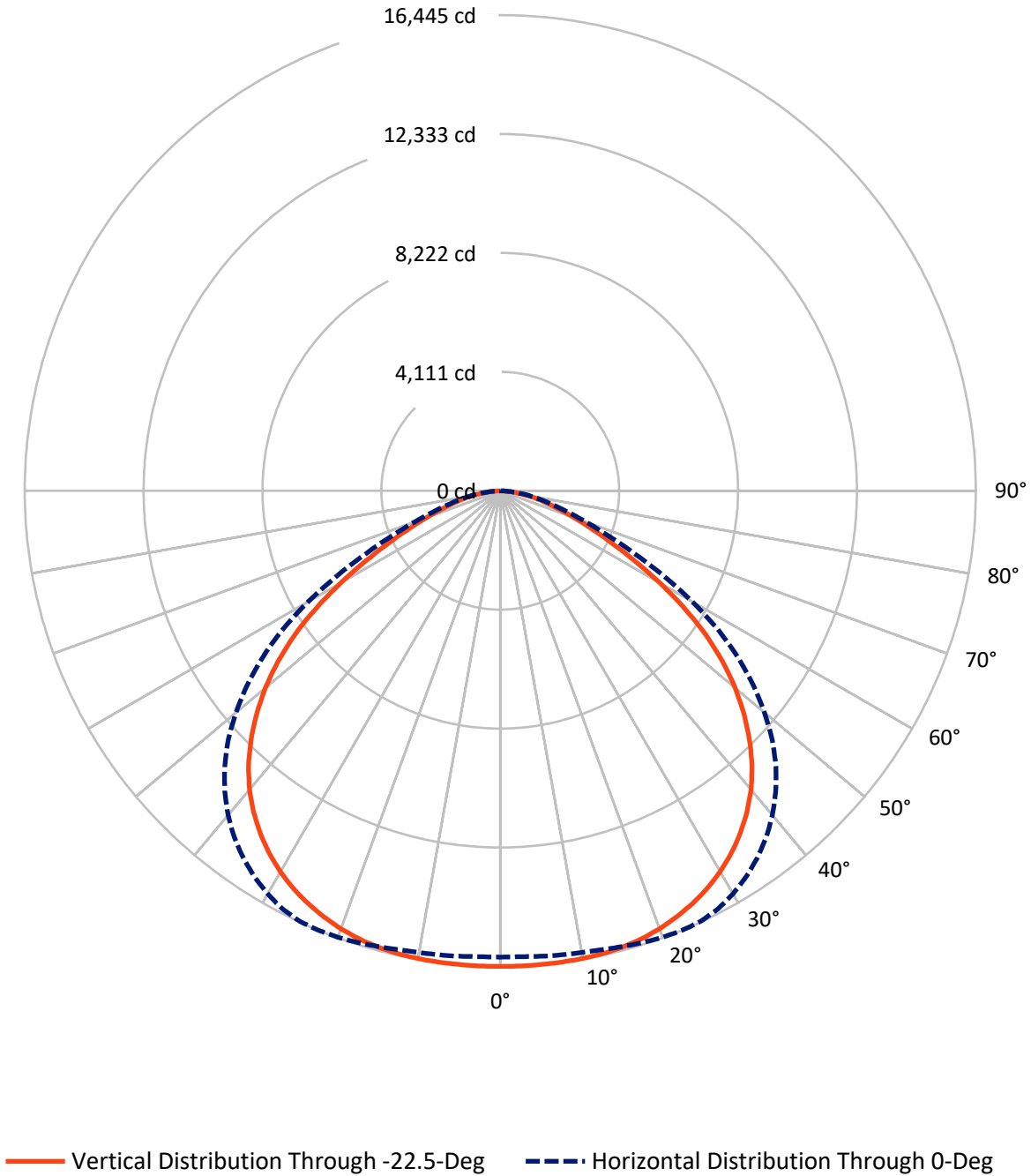
REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-U-LAM-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|--|--|------|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 2.5 | 26.1 | 73.7 | 122.6 | 143.6 | 122.6 | 73.7 | 26.1 | 2.5 | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 12.4 | 14.6 | 30.6 | 53.4 | 82.7 | 114.1 | 141.1 | 156.0 | 156.0 | 141.1 | 114.1 | 82.7 | 53.4 | 30.6 | 14.6 | | | | 12.4 |
| 50 | | | | | | | | | | | | | | | | | | | |
| 40 | 23.5 | 22.7 | 52.2 | 101.1 | 165.3 | 227.5 | 273.9 | 298.5 | 298.5 | 273.9 | 227.5 | 165.3 | 101.1 | 52.2 | 22.7 | | | | 23.5 |
| 30 | | | | | | | | | | | | | | | | | | | |
| 20 | 32.2 | 32.4 | 82.5 | 164.3 | 252.0 | 325.3 | 377.1 | 403.7 | 403.7 | 377.1 | 325.3 | 252.0 | 164.3 | 82.5 | 32.4 | | | | 32.2 |
| 10 | | | | | | | | | | | | | | | | | | | |
| 0 | 35.5 | 43.5 | 116.7 | 217.9 | 313.3 | 389.4 | 440.7 | 466.2 | 466.2 | 440.7 | 389.4 | 313.3 | 217.9 | 116.7 | 43.5 | | | | 35.5 |
| -10 | | | | | | | | | | | | | | | | | | | |
| -20 | 32.2 | 54.5 | 145.3 | 254.5 | 352.2 | 426.5 | 473.8 | 494.9 | 494.9 | 473.8 | 426.5 | 352.2 | 254.5 | 145.3 | 54.5 | | | | 32.2 |
| -30 | | | | | | | | | | | | | | | | | | | |
| -40 | 23.5 | 63.3 | 164.0 | 276.8 | 374.1 | 444.6 | 482.2 | 495.1 | 495.1 | 482.2 | 444.6 | 374.1 | 276.8 | 164.0 | 63.3 | | | | 23.5 |
| -50 | | | | | | | | | | | | | | | | | | | |
| -60 | 12.4 | 67.9 | 173.3 | 287.4 | 383.7 | 450.3 | 480.1 | 490.5 | 490.5 | 480.1 | 450.3 | 383.7 | 287.4 | 173.3 | 67.9 | | | | 12.4 |
| -70 | | | | | | | | | | | | | | | | | | | |
| -80 | 2.5 | 67.9 | 173.3 | 287.4 | 383.7 | 450.3 | 480.1 | 490.5 | 490.5 | 480.1 | 450.3 | 383.7 | 287.4 | 173.3 | 67.9 | | | | 2.5 |
| -90 | | | | | | | | | | | | | | | | | | | |

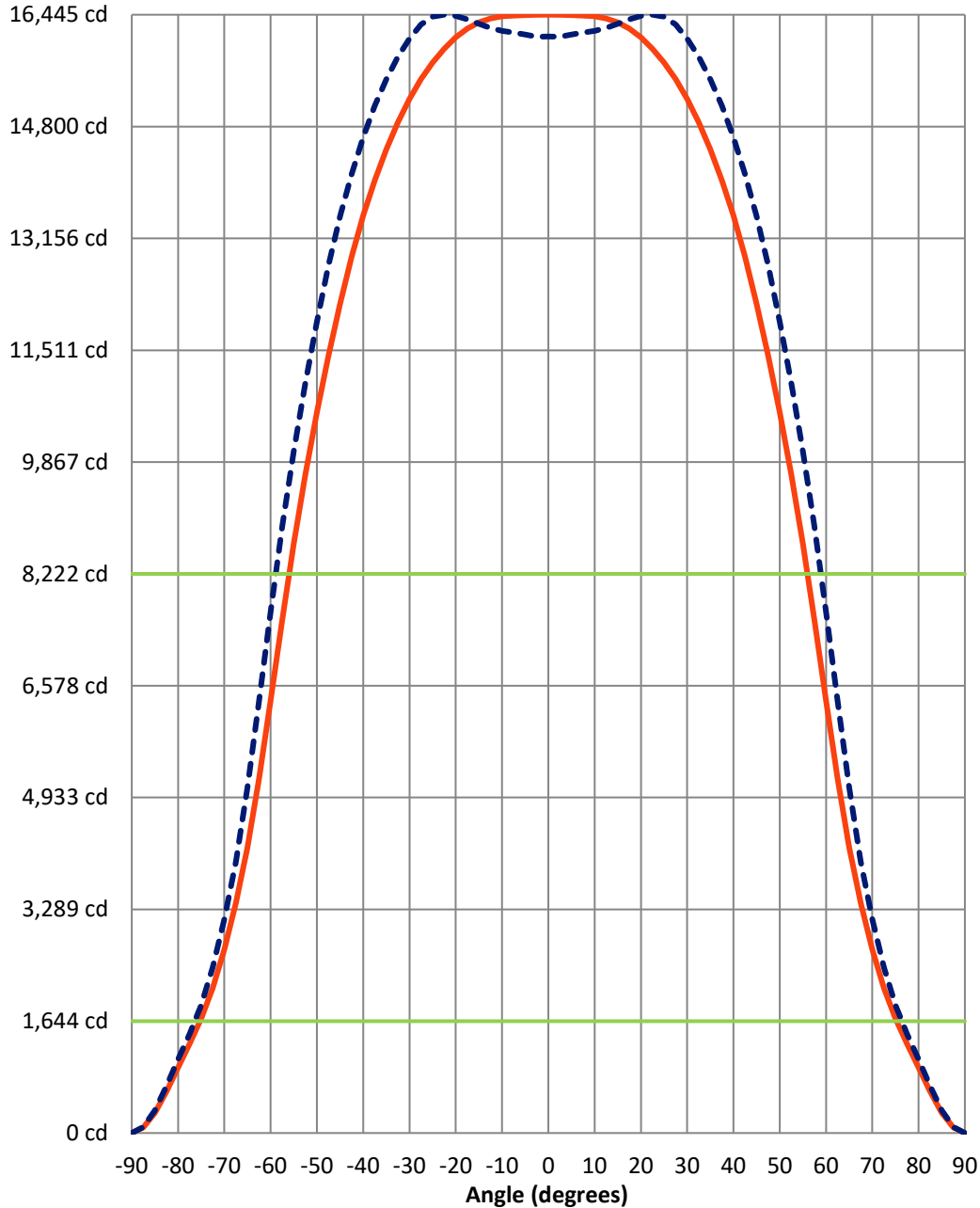
REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-735-U-LAM-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 41864.6
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 49315.4
 Efficiency: 98.0%

Spill:
 Lumens: 989.3
 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 | 3.9 | 7.8 | 11.7 | 15.6 | 19.5 | 23.3 | 27.1 | 30.8 | 34.4 | 38.0 |
| 85° | 0.0 | 7.8 | 15.7 | 23.5 | 31.2 | 38.9 | 46.5 | 54.1 | 61.5 | 68.8 | 76.0 |
| 82.5° | 0.0 | 11.7 | 23.5 | 35.1 | 46.8 | 58.3 | 69.7 | 81.0 | 95.7 | 125.5 | 154.8 |
| 80° | 0.0 | 15.6 | 31.2 | 46.8 | 62.2 | 77.5 | 97.4 | 138.3 | 178.5 | 218.2 | 257.2 |
| 77.5° | 0.0 | 19.5 | 38.9 | 58.3 | 77.5 | 108.1 | 159.6 | 210.5 | 260.8 | 310.3 | 370.0 |
| 75° | 0.0 | 23.3 | 46.5 | 69.7 | 97.4 | 159.6 | 221.2 | 282.1 | 345.8 | 432.1 | 517.0 |
| 72.5° | 0.0 | 27.1 | 54.1 | 81.0 | 138.3 | 210.5 | 282.1 | 361.4 | 463.3 | 563.8 | 662.6 |
| 70° | 0.0 | 30.8 | 61.5 | 95.7 | 178.5 | 260.8 | 345.8 | 463.3 | 579.4 | 694.2 | 818.1 |
| 67.5° | 0.0 | 34.4 | 68.8 | 125.5 | 218.2 | 310.3 | 432.1 | 563.8 | 694.2 | 835.4 | 974.4 |
| 65° | 0.0 | 38.0 | 76.0 | 154.8 | 257.2 | 370.0 | 517.0 | 662.6 | 818.1 | 974.4 | 1126.3 |
| 62.5° | 0.0 | 41.5 | 83.0 | 183.5 | 295.4 | 439.5 | 600.2 | 766.4 | 939.8 | 1109.7 | 1270.7 |
| 60° | 0.0 | 45.0 | 89.9 | 211.5 | 332.7 | 507.4 | 681.7 | 870.9 | 1059.0 | 1237.4 | 1412.3 |
| 57.5° | 0.0 | 48.3 | 108.0 | 238.9 | 385.0 | 573.8 | 768.3 | 973.0 | 1171.3 | 1362.3 | 1563.4 |
| 55° | 0.0 | 51.6 | 125.8 | 265.5 | 436.7 | 638.4 | 853.6 | 1072.4 | 1279.7 | 1487.8 | 1716.9 |
| 52.5° | 0.0 | 54.8 | 143.0 | 291.3 | 486.8 | 702.1 | 936.5 | 1165.1 | 1385.1 | 1622.3 | 1866.3 |
| 50° | 0.0 | 57.8 | 159.6 | 316.3 | 535.4 | 768.9 | 1016.7 | 1254.5 | 1491.3 | 1752.8 | 2052.1 |
| 47.5° | 0.0 | 60.8 | 175.7 | 343.0 | 582.2 | 833.4 | 1093.6 | 1340.8 | 1603.3 | 1879.1 | 2236.6 |
| 45° | 0.0 | 63.6 | 191.1 | 376.7 | 627.2 | 895.4 | 1164.7 | 1423.9 | 1711.3 | 2038.1 | 2414.6 |
| 42.5° | 0.0 | 66.3 | 205.9 | 409.0 | 670.3 | 954.8 | 1232.9 | 1509.8 | 1814.9 | 2191.6 | 2624.5 |
| 40° | 0.0 | 68.9 | 220.0 | 439.9 | 713.5 | 1011.5 | 1298.0 | 1596.2 | 1924.1 | 2338.6 | 2831.7 |
| 37.5° | 0.0 | 71.4 | 233.3 | 469.1 | 756.6 | 1065.4 | 1359.9 | 1678.4 | 2047.9 | 2488.8 | 3029.3 |
| 35° | 0.0 | 73.7 | 246.0 | 496.8 | 797.2 | 1114.9 | 1418.4 | 1756.2 | 2165.3 | 2656.6 | 3231.0 |
| 32.5° | 0.0 | 75.9 | 257.8 | 522.8 | 835.5 | 1160.6 | 1475.7 | 1829.5 | 2275.8 | 2814.8 | 3443.1 |
| 30° | 0.0 | 77.9 | 268.9 | 547.0 | 871.2 | 1203.4 | 1534.2 | 1903.1 | 2379.3 | 2962.9 | 3641.9 |
| 27.5° | 0.0 | 79.8 | 279.2 | 569.5 | 904.3 | 1243.0 | 1588.4 | 1986.7 | 2485.0 | 3100.7 | 3826.9 |
| 25° | 0.0 | 81.6 | 288.7 | 590.3 | 934.8 | 1279.6 | 1638.4 | 2063.7 | 2597.1 | 3244.3 | 3999.8 |
| 22.5° | 0.0 | 83.1 | 297.3 | 609.1 | 962.6 | 1312.8 | 1683.9 | 2134.0 | 2699.3 | 3383.4 | 4201.7 |
| 20° | 0.0 | 84.6 | 305.0 | 626.1 | 987.6 | 1342.8 | 1725.0 | 2197.3 | 2791.6 | 3508.9 | 4383.9 |
| 17.5° | 0.0 | 85.8 | 311.9 | 641.2 | 1009.8 | 1369.4 | 1761.4 | 2253.6 | 2873.5 | 3620.5 | 4546.1 |
| 15° | 0.0 | 86.9 | 317.9 | 654.3 | 1029.1 | 1392.6 | 1793.2 | 2302.6 | 2945.0 | 3717.9 | 4687.6 |
| 12.5° | 0.0 | 87.9 | 323.0 | 665.4 | 1045.5 | 1412.3 | 1820.1 | 2344.3 | 3005.8 | 3800.7 | 4808.1 |
| 10° | 0.0 | 88.6 | 327.1 | 674.6 | 1059.0 | 1428.4 | 1842.3 | 2378.5 | 3055.7 | 3868.8 | 4907.2 |
| 7.5° | 0.0 | 89.2 | 330.4 | 681.7 | 1069.5 | 1441.0 | 1859.6 | 2405.2 | 3094.7 | 3922.0 | 4984.6 |
| 5° | 0.0 | 89.7 | 332.7 | 686.8 | 1077.1 | 1450.1 | 1872.0 | 2424.4 | 3122.6 | 3960.1 | 5040.0 |
| 2.5° | 0.0 | 89.9 | 334.1 | 689.9 | 1081.6 | 1455.5 | 1879.4 | 2435.9 | 3139.4 | 3983.0 | 5073.4 |
| 0° | 0.0 | 90.0 | 334.6 | 690.9 | 1083.1 | 1457.3 | 1881.9 | 2439.7 | 3145.0 | 3990.6 | 5084.5 |
| -2.5° | 0.0 | 89.9 | 334.1 | 689.9 | 1081.6 | 1455.5 | 1879.4 | 2435.9 | 3139.4 | 3983.0 | 5073.4 |
| -5° | 0.0 | 89.7 | 332.7 | 686.8 | 1077.1 | 1450.1 | 1872.0 | 2424.4 | 3122.6 | 3960.1 | 5040.0 |
| -7.5° | 0.0 | 89.2 | 330.4 | 681.7 | 1069.5 | 1441.0 | 1859.6 | 2405.2 | 3094.7 | 3922.0 | 4984.6 |
| -10° | 0.0 | 88.6 | 327.1 | 674.6 | 1059.0 | 1428.4 | 1842.3 | 2378.5 | 3055.7 | 3868.8 | 4907.2 |
| -12.5° | 0.0 | 87.9 | 323.0 | 665.4 | 1045.5 | 1412.3 | 1820.1 | 2344.3 | 3005.8 | 3800.7 | 4808.1 |
| -15° | 0.0 | 86.9 | 317.9 | 654.3 | 1029.1 | 1392.6 | 1793.2 | 2302.6 | 2945.0 | 3717.9 | 4687.6 |
| -17.5° | 0.0 | 85.8 | 311.9 | 641.2 | 1009.8 | 1369.4 | 1761.4 | 2253.6 | 2873.5 | 3620.5 | 4546.1 |
| -20° | 0.0 | 84.6 | 305.0 | 626.1 | 987.6 | 1342.8 | 1725.0 | 2197.3 | 2791.6 | 3508.9 | 4383.9 |

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Scaled Data Report



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-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 | 83.1 | 297.3 | 609.1 | 962.6 | 1312.8 | 1683.9 | 2134.0 | 2699.3 | 3383.4 | 4201.7 |
| -25° | 0.0 | 81.6 | 288.7 | 590.3 | 934.8 | 1279.6 | 1638.4 | 2063.7 | 2597.1 | 3244.3 | 3999.8 |
| -27.5° | 0.0 | 79.8 | 279.2 | 569.5 | 904.3 | 1243.0 | 1588.4 | 1986.7 | 2485.0 | 3100.7 | 3826.9 |
| -30° | 0.0 | 77.9 | 268.9 | 547.0 | 871.2 | 1203.4 | 1534.2 | 1903.1 | 2379.3 | 2962.9 | 3641.9 |
| -32.5° | 0.0 | 75.9 | 257.8 | 522.8 | 835.5 | 1160.6 | 1475.7 | 1829.5 | 2275.8 | 2814.8 | 3443.1 |
| -35° | 0.0 | 73.7 | 246.0 | 496.8 | 797.2 | 1114.9 | 1418.4 | 1756.2 | 2165.3 | 2656.6 | 3231.0 |
| -37.5° | 0.0 | 71.4 | 233.3 | 469.1 | 756.6 | 1065.4 | 1359.9 | 1678.4 | 2047.9 | 2488.8 | 3029.3 |
| -40° | 0.0 | 68.9 | 220.0 | 439.9 | 713.5 | 1011.5 | 1298.0 | 1596.2 | 1924.1 | 2338.6 | 2831.7 |
| -42.5° | 0.0 | 66.3 | 205.9 | 409.0 | 670.3 | 954.8 | 1232.9 | 1509.8 | 1814.9 | 2191.6 | 2624.5 |
| -45° | 0.0 | 63.6 | 191.1 | 376.7 | 627.2 | 895.4 | 1164.7 | 1423.9 | 1711.3 | 2038.1 | 2414.6 |
| -47.5° | 0.0 | 60.8 | 175.7 | 343.0 | 582.2 | 833.4 | 1093.6 | 1340.8 | 1603.3 | 1879.1 | 2236.6 |
| -50° | 0.0 | 57.8 | 159.6 | 316.3 | 535.4 | 768.9 | 1016.7 | 1254.5 | 1491.3 | 1752.8 | 2052.1 |
| -52.5° | 0.0 | 54.8 | 143.0 | 291.3 | 486.8 | 702.1 | 936.5 | 1165.1 | 1385.1 | 1622.3 | 1866.3 |
| -55° | 0.0 | 51.6 | 125.8 | 265.5 | 436.7 | 638.4 | 853.6 | 1072.4 | 1279.7 | 1487.8 | 1716.9 |
| -57.5° | 0.0 | 48.3 | 108.0 | 238.9 | 385.0 | 573.8 | 768.3 | 973.0 | 1171.3 | 1362.3 | 1563.4 |
| -60° | 0.0 | 45.0 | 89.9 | 211.5 | 332.7 | 507.4 | 681.7 | 870.9 | 1059.0 | 1237.4 | 1412.3 |
| -62.5° | 0.0 | 41.5 | 83.0 | 183.5 | 295.4 | 439.5 | 600.2 | 766.4 | 939.8 | 1109.7 | 1270.7 |
| -65° | 0.0 | 38.0 | 76.0 | 154.8 | 257.2 | 370.0 | 517.0 | 662.6 | 818.1 | 974.4 | 1126.3 |
| -67.5° | 0.0 | 34.4 | 68.8 | 125.5 | 218.2 | 310.3 | 432.1 | 563.8 | 694.2 | 835.4 | 974.4 |
| -70° | 0.0 | 30.8 | 61.5 | 95.7 | 178.5 | 260.8 | 345.8 | 463.3 | 579.4 | 694.2 | 818.1 |
| -72.5° | 0.0 | 27.1 | 54.1 | 81.0 | 138.3 | 210.5 | 282.1 | 361.4 | 463.3 | 563.8 | 662.6 |
| -75° | 0.0 | 23.3 | 46.5 | 69.7 | 97.4 | 159.6 | 221.2 | 282.1 | 345.8 | 432.1 | 517.0 |
| -77.5° | 0.0 | 19.5 | 38.9 | 58.3 | 77.5 | 108.1 | 159.6 | 210.5 | 260.8 | 310.3 | 370.0 |
| -80° | 0.0 | 15.6 | 31.2 | 46.8 | 62.2 | 77.5 | 97.4 | 138.3 | 178.5 | 218.2 | 257.2 |
| -82.5° | 0.0 | 11.7 | 23.5 | 35.1 | 46.8 | 58.3 | 69.7 | 81.0 | 95.7 | 125.5 | 154.8 |
| -85° | 0.0 | 7.8 | 15.7 | 23.5 | 31.2 | 38.9 | 46.5 | 54.1 | 61.5 | 68.8 | 76.0 |
| -87.5° | 0.0 | 3.9 | 7.8 | 11.7 | 15.6 | 19.5 | 23.3 | 27.1 | 30.8 | 34.4 | 38.0 |
| -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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 CATALOG NUMBER: GFLD-SA6E-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° | 41.5 | 45.0 | 48.3 | 51.6 | 54.8 | 57.8 | 60.8 | 63.6 | 66.3 | 68.9 | 71.4 |
| 85° | 83.0 | 89.9 | 108.0 | 125.8 | 143.0 | 159.6 | 175.7 | 191.1 | 205.9 | 220.0 | 233.3 |
| 82.5° | 183.5 | 211.5 | 238.9 | 265.5 | 291.3 | 316.3 | 343.0 | 376.7 | 409.0 | 439.9 | 469.1 |
| 80° | 295.4 | 332.7 | 385.0 | 436.7 | 486.8 | 535.4 | 582.2 | 627.2 | 670.3 | 713.5 | 756.6 |
| 77.5° | 439.5 | 507.4 | 573.8 | 638.4 | 702.1 | 768.9 | 833.4 | 895.4 | 954.8 | 1011.5 | 1065.4 |
| 75° | 600.2 | 681.7 | 768.3 | 853.6 | 936.5 | 1016.7 | 1093.6 | 1164.7 | 1232.9 | 1298.0 | 1359.9 |
| 72.5° | 766.4 | 870.9 | 973.0 | 1072.4 | 1165.1 | 1254.5 | 1340.8 | 1423.9 | 1509.8 | 1596.2 | 1678.4 |
| 70° | 939.8 | 1059.0 | 1171.3 | 1279.7 | 1385.1 | 1491.3 | 1603.3 | 1711.3 | 1814.9 | 1924.1 | 2047.9 |
| 67.5° | 1109.7 | 1237.4 | 1362.3 | 1487.8 | 1622.3 | 1752.8 | 1879.1 | 2038.1 | 2191.6 | 2338.6 | 2488.8 |
| 65° | 1270.7 | 1412.3 | 1563.4 | 1716.9 | 1866.3 | 2052.1 | 2236.6 | 2414.6 | 2624.5 | 2831.7 | 3029.3 |
| 62.5° | 1429.0 | 1601.4 | 1774.0 | 1961.8 | 2177.7 | 2387.5 | 2630.7 | 2878.9 | 3117.8 | 3386.8 | 3648.8 |
| 60° | 1601.4 | 1793.2 | 2012.2 | 2253.6 | 2502.0 | 2791.6 | 3072.4 | 3383.4 | 3696.9 | 3999.8 | 4371.5 |
| 57.5° | 1774.0 | 2012.2 | 2279.0 | 2566.6 | 2888.9 | 3214.1 | 3579.4 | 3932.8 | 4356.8 | 4780.4 | 5201.9 |
| 55° | 1961.8 | 2253.6 | 2566.6 | 2921.4 | 3292.7 | 3697.9 | 4121.5 | 4615.2 | 5093.1 | 5625.4 | 6135.2 |
| 52.5° | 2177.7 | 2502.0 | 2888.9 | 3292.7 | 3737.6 | 4225.0 | 4771.6 | 5336.9 | 5932.2 | 6510.2 | 7077.2 |
| 50° | 2387.5 | 2791.6 | 3214.1 | 3697.9 | 4225.0 | 4823.9 | 5459.6 | 6117.9 | 6767.9 | 7401.9 | 7995.6 |
| 47.5° | 2630.7 | 3072.4 | 3579.4 | 4121.5 | 4771.6 | 5459.6 | 6180.2 | 6897.6 | 7598.6 | 8249.0 | 8871.9 |
| 45° | 2878.9 | 3383.4 | 3932.8 | 4615.2 | 5336.9 | 6117.9 | 6897.6 | 7664.5 | 8376.6 | 9048.7 | 9636.6 |
| 42.5° | 3117.8 | 3696.9 | 4356.8 | 5093.1 | 5932.2 | 6767.9 | 7598.6 | 8376.6 | 9106.2 | 9753.5 | 10344.1 |
| 40° | 3386.8 | 3999.8 | 4780.4 | 5625.4 | 6510.2 | 7401.9 | 8249.0 | 9048.7 | 9753.5 | 10397.9 | 10996.0 |
| 37.5° | 3648.8 | 4371.5 | 5201.9 | 6135.2 | 7077.2 | 7995.6 | 8871.9 | 9636.6 | 10344.1 | 10996.0 | 11569.7 |
| 35° | 3897.5 | 4724.9 | 5649.6 | 6629.4 | 7618.4 | 8552.1 | 9404.9 | 10183.6 | 10886.5 | 11519.1 | 12105.6 |
| 32.5° | 4174.1 | 5059.0 | 6073.3 | 7104.2 | 8111.4 | 9062.2 | 9907.7 | 10669.3 | 11368.1 | 12010.5 | 12593.0 |
| 30° | 4459.3 | 5419.3 | 6475.5 | 7551.3 | 8574.4 | 9504.5 | 10348.5 | 11119.8 | 11813.0 | 12447.5 | 13018.4 |
| 27.5° | 4724.9 | 5759.1 | 6859.2 | 7955.9 | 8997.4 | 9919.2 | 10751.9 | 11511.2 | 12208.5 | 12847.3 | 13400.5 |
| 25° | 4970.3 | 6073.3 | 7214.4 | 8326.3 | 9353.6 | 10277.5 | 11117.7 | 11876.5 | 12569.7 | 13182.8 | 13720.6 |
| 22.5° | 5212.5 | 6361.2 | 7539.9 | 8666.1 | 9680.8 | 10597.7 | 11430.3 | 12191.1 | 12884.7 | 13492.1 | 14008.1 |
| 20° | 5448.0 | 6629.4 | 7827.0 | 8967.5 | 9977.7 | 10888.8 | 11715.0 | 12474.2 | 13149.4 | 13737.4 | 14251.1 |
| 17.5° | 5657.6 | 6868.4 | 8078.2 | 9210.8 | 10221.8 | 11137.2 | 11966.8 | 12728.5 | 13387.5 | 13958.7 | 14461.0 |
| 15° | 5840.7 | 7077.2 | 8297.9 | 9423.9 | 10431.8 | 11343.6 | 12173.2 | 12926.6 | 13581.1 | 14147.6 | 14646.3 |
| 12.5° | 5996.6 | 7255.3 | 8485.4 | 9605.8 | 10611.2 | 11520.2 | 12350.0 | 13093.0 | 13736.5 | 14295.6 | 14783.6 |
| 10° | 6124.9 | 7401.9 | 8639.8 | 9755.8 | 10759.3 | 11666.1 | 12496.3 | 13230.8 | 13865.3 | 14418.6 | 14897.9 |
| 7.5° | 6225.2 | 7516.4 | 8760.6 | 9873.2 | 10875.3 | 11780.4 | 12611.0 | 13339.0 | 13966.6 | 14515.5 | 14988.1 |
| 5° | 6297.1 | 7598.6 | 8847.2 | 9957.4 | 10958.5 | 11862.6 | 12693.5 | 13416.9 | 14039.6 | 14585.4 | 15053.3 |
| 2.5° | 6340.3 | 7648.0 | 8899.3 | 10008.1 | 11008.7 | 11912.1 | 12743.2 | 13463.8 | 14083.7 | 14627.6 | 15092.7 |
| 0° | 6354.7 | 7664.5 | 8916.7 | 10025.0 | 11025.4 | 11928.6 | 12759.8 | 13479.5 | 14098.4 | 14641.7 | 15105.9 |
| -2.5° | 6340.3 | 7648.0 | 8899.3 | 10008.1 | 11008.7 | 11912.1 | 12743.2 | 13463.8 | 14083.7 | 14627.6 | 15092.7 |
| -5° | 6297.1 | 7598.6 | 8847.2 | 9957.4 | 10958.5 | 11862.6 | 12693.5 | 13416.9 | 14039.6 | 14585.4 | 15053.3 |
| -7.5° | 6225.2 | 7516.4 | 8760.6 | 9873.2 | 10875.3 | 11780.4 | 12611.0 | 13339.0 | 13966.6 | 14515.5 | 14988.1 |
| -10° | 6124.9 | 7401.9 | 8639.8 | 9755.8 | 10759.3 | 11666.1 | 12496.3 | 13230.8 | 13865.3 | 14418.6 | 14897.9 |
| -12.5° | 5996.6 | 7255.3 | 8485.4 | 9605.8 | 10611.2 | 11520.2 | 12350.0 | 13093.0 | 13736.5 | 14295.6 | 14783.6 |
| -15° | 5840.7 | 7077.2 | 8297.9 | 9423.9 | 10431.8 | 11343.6 | 12173.2 | 12926.6 | 13581.1 | 14147.6 | 14646.3 |
| -17.5° | 5657.6 | 6868.4 | 8078.2 | 9210.8 | 10221.8 | 11137.2 | 11966.8 | 12728.5 | 13387.5 | 13958.7 | 14461.0 |
| -20° | 5448.0 | 6629.4 | 7827.0 | 8967.5 | 9977.7 | 10888.8 | 11715.0 | 12474.2 | 13149.4 | 13737.4 | 14251.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-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° | 5212.5 | 6361.2 | 7539.9 | 8666.1 | 9680.8 | 10597.7 | 11430.3 | 12191.1 | 12884.7 | 13492.1 | 14008.1 |
| -25° | 4970.3 | 6073.3 | 7214.4 | 8326.3 | 9353.6 | 10277.5 | 11117.7 | 11876.5 | 12569.7 | 13182.8 | 13720.6 |
| -27.5° | 4724.9 | 5759.1 | 6859.2 | 7955.9 | 8997.4 | 9919.2 | 10751.9 | 11511.2 | 12208.5 | 12847.3 | 13400.5 |
| -30° | 4459.3 | 5419.3 | 6475.5 | 7551.3 | 8574.4 | 9504.5 | 10348.5 | 11119.8 | 11813.0 | 12447.5 | 13018.4 |
| -32.5° | 4174.1 | 5059.0 | 6073.3 | 7104.2 | 8111.4 | 9062.2 | 9907.7 | 10669.3 | 11368.1 | 12010.5 | 12593.0 |
| -35° | 3897.5 | 4724.9 | 5649.6 | 6629.4 | 7618.4 | 8552.1 | 9404.9 | 10183.6 | 10886.5 | 11519.1 | 12105.6 |
| -37.5° | 3648.8 | 4371.5 | 5201.9 | 6135.2 | 7077.2 | 7995.6 | 8871.9 | 9636.6 | 10344.1 | 10996.0 | 11569.7 |
| -40° | 3386.8 | 3999.8 | 4780.4 | 5625.4 | 6510.2 | 7401.9 | 8249.0 | 9048.7 | 9753.5 | 10397.9 | 10996.0 |
| -42.5° | 3117.8 | 3696.9 | 4356.8 | 5093.1 | 5932.2 | 6767.9 | 7598.6 | 8376.6 | 9106.2 | 9753.5 | 10344.1 |
| -45° | 2878.9 | 3383.4 | 3932.8 | 4615.2 | 5336.9 | 6117.9 | 6897.6 | 7664.5 | 8376.6 | 9048.7 | 9636.6 |
| -47.5° | 2630.7 | 3072.4 | 3579.4 | 4121.5 | 4771.6 | 5459.6 | 6180.2 | 6897.6 | 7598.6 | 8249.0 | 8871.9 |
| -50° | 2387.5 | 2791.6 | 3214.1 | 3697.9 | 4225.0 | 4823.9 | 5459.6 | 6117.9 | 6767.9 | 7401.9 | 7995.6 |
| -52.5° | 2177.7 | 2502.0 | 2888.9 | 3292.7 | 3737.6 | 4225.0 | 4771.6 | 5336.9 | 5932.2 | 6510.2 | 7077.2 |
| -55° | 1961.8 | 2253.6 | 2566.6 | 2921.4 | 3292.7 | 3697.9 | 4121.5 | 4615.2 | 5093.1 | 5625.4 | 6135.2 |
| -57.5° | 1774.0 | 2012.2 | 2279.0 | 2566.6 | 2888.9 | 3214.1 | 3579.4 | 3932.8 | 4356.8 | 4780.4 | 5201.9 |
| -60° | 1601.4 | 1793.2 | 2012.2 | 2253.6 | 2502.0 | 2791.6 | 3072.4 | 3383.4 | 3696.9 | 3999.8 | 4371.5 |
| -62.5° | 1429.0 | 1601.4 | 1774.0 | 1961.8 | 2177.7 | 2387.5 | 2630.7 | 2878.9 | 3117.8 | 3386.8 | 3648.8 |
| -65° | 1270.7 | 1412.3 | 1563.4 | 1716.9 | 1866.3 | 2052.1 | 2236.6 | 2414.6 | 2624.5 | 2831.7 | 3029.3 |
| -67.5° | 1109.7 | 1237.4 | 1362.3 | 1487.8 | 1622.3 | 1752.8 | 1879.1 | 2038.1 | 2191.6 | 2338.6 | 2488.8 |
| -70° | 939.8 | 1059.0 | 1171.3 | 1279.7 | 1385.1 | 1491.3 | 1603.3 | 1711.3 | 1814.9 | 1924.1 | 2047.9 |
| -72.5° | 766.4 | 870.9 | 973.0 | 1072.4 | 1165.1 | 1254.5 | 1340.8 | 1423.9 | 1509.8 | 1596.2 | 1678.4 |
| -75° | 600.2 | 681.7 | 768.3 | 853.6 | 936.5 | 1016.7 | 1093.6 | 1164.7 | 1232.9 | 1298.0 | 1359.9 |
| -77.5° | 439.5 | 507.4 | 573.8 | 638.4 | 702.1 | 768.9 | 833.4 | 895.4 | 954.8 | 1011.5 | 1065.4 |
| -80° | 295.4 | 332.7 | 385.0 | 436.7 | 486.8 | 535.4 | 582.2 | 627.2 | 670.3 | 713.5 | 756.6 |
| -82.5° | 183.5 | 211.5 | 238.9 | 265.5 | 291.3 | 316.3 | 343.0 | 376.7 | 409.0 | 439.9 | 469.1 |
| -85° | 83.0 | 89.9 | 108.0 | 125.8 | 143.0 | 159.6 | 175.7 | 191.1 | 205.9 | 220.0 | 233.3 |
| -87.5° | 41.5 | 45.0 | 48.3 | 51.6 | 54.8 | 57.8 | 60.8 | 63.6 | 66.3 | 68.9 | 71.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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° | 73.7 | 75.9 | 77.9 | 79.8 | 81.6 | 83.1 | 84.6 | 85.8 | 86.9 | 87.9 | 88.6 |
| 85° | 246.0 | 257.8 | 268.9 | 279.2 | 288.7 | 297.3 | 305.0 | 311.9 | 317.9 | 323.0 | 327.1 |
| 82.5° | 496.8 | 522.8 | 547.0 | 569.5 | 590.3 | 609.1 | 626.1 | 641.2 | 654.3 | 665.4 | 674.6 |
| 80° | 797.2 | 835.5 | 871.2 | 904.3 | 934.8 | 962.6 | 987.6 | 1009.8 | 1029.1 | 1045.5 | 1059.0 |
| 77.5° | 1114.9 | 1160.6 | 1203.4 | 1243.0 | 1279.6 | 1312.8 | 1342.8 | 1369.4 | 1392.6 | 1412.3 | 1428.4 |
| 75° | 1418.4 | 1475.7 | 1534.2 | 1588.4 | 1638.4 | 1683.9 | 1725.0 | 1761.4 | 1793.2 | 1820.1 | 1842.3 |
| 72.5° | 1756.2 | 1829.5 | 1903.1 | 1986.7 | 2063.7 | 2134.0 | 2197.3 | 2253.6 | 2302.6 | 2344.3 | 2378.5 |
| 70° | 2165.3 | 2275.8 | 2379.3 | 2485.0 | 2597.1 | 2699.3 | 2791.6 | 2873.5 | 2945.0 | 3005.8 | 3055.7 |
| 67.5° | 2656.6 | 2814.8 | 2962.9 | 3100.7 | 3244.3 | 3383.4 | 3508.9 | 3620.5 | 3717.9 | 3800.7 | 3868.8 |
| 65° | 3231.0 | 3443.1 | 3641.9 | 3826.9 | 3999.8 | 4201.7 | 4383.9 | 4546.1 | 4687.6 | 4808.1 | 4907.2 |
| 62.5° | 3897.5 | 4174.1 | 4459.3 | 4724.9 | 4970.3 | 5212.5 | 5448.0 | 5657.6 | 5840.7 | 5996.6 | 6124.9 |
| 60° | 4724.9 | 5059.0 | 5419.3 | 5759.1 | 6073.3 | 6361.2 | 6629.4 | 6868.4 | 7077.2 | 7255.3 | 7401.9 |
| 57.5° | 5649.6 | 6073.3 | 6475.5 | 6859.2 | 7214.4 | 7539.9 | 7827.0 | 8078.2 | 8297.9 | 8485.4 | 8639.8 |
| 55° | 6629.4 | 7104.2 | 7551.3 | 7955.9 | 8326.3 | 8666.1 | 8967.5 | 9210.8 | 9423.9 | 9605.8 | 9755.8 |
| 52.5° | 7618.4 | 8111.4 | 8574.4 | 8997.4 | 9353.6 | 9680.8 | 9977.7 | 10221.8 | 10431.8 | 10611.2 | 10759.3 |
| 50° | 8552.1 | 9062.2 | 9504.5 | 9919.2 | 10277.5 | 10597.7 | 10888.8 | 11137.2 | 11343.6 | 11520.2 | 11666.1 |
| 47.5° | 9404.9 | 9907.7 | 10348.5 | 10751.9 | 11117.7 | 11430.3 | 11715.0 | 11966.8 | 12173.2 | 12350.0 | 12496.3 |
| 45° | 10183.6 | 10669.3 | 11119.8 | 11511.2 | 11876.5 | 12191.1 | 12474.2 | 12728.5 | 12926.6 | 13093.0 | 13230.8 |
| 42.5° | 10886.5 | 11368.1 | 11813.0 | 12208.5 | 12569.7 | 12884.7 | 13149.4 | 13387.5 | 13581.1 | 13736.5 | 13865.3 |
| 40° | 11519.1 | 12010.5 | 12447.5 | 12847.3 | 13182.8 | 13492.1 | 13737.4 | 13958.7 | 14147.6 | 14295.6 | 14418.6 |
| 37.5° | 12105.6 | 12593.0 | 13018.4 | 13400.5 | 13720.6 | 14008.1 | 14251.1 | 14461.0 | 14646.3 | 14783.6 | 14897.9 |
| 35° | 12641.8 | 13104.9 | 13525.7 | 13876.1 | 14193.3 | 14464.1 | 14703.3 | 14896.9 | 15069.1 | 15199.9 | 15304.2 |
| 32.5° | 13104.9 | 13564.0 | 13954.8 | 14299.6 | 14609.4 | 14862.0 | 15091.5 | 15268.8 | 15425.0 | 15551.0 | 15647.9 |
| 30° | 13525.7 | 13954.8 | 14335.4 | 14677.0 | 14959.2 | 15205.4 | 15411.9 | 15585.1 | 15729.5 | 15849.6 | 15934.8 |
| 27.5° | 13876.1 | 14299.6 | 14677.0 | 14992.0 | 15262.1 | 15499.0 | 15688.1 | 15854.9 | 15980.9 | 16091.4 | 16164.7 |
| 25° | 14193.3 | 14609.4 | 14959.2 | 15262.1 | 15524.2 | 15740.6 | 15920.6 | 16071.6 | 16183.3 | 16278.1 | 16332.6 |
| 22.5° | 14464.1 | 14862.0 | 15205.4 | 15499.0 | 15740.6 | 15942.8 | 16112.4 | 16240.3 | 16331.7 | 16389.0 | 16421.3 |
| 20° | 14703.3 | 15091.5 | 15411.9 | 15688.1 | 15920.6 | 16112.4 | 16259.6 | 16354.1 | 16417.8 | 16433.6 | 16442.8 |
| 17.5° | 14896.9 | 15268.8 | 15585.1 | 15854.9 | 16071.6 | 16240.3 | 16354.1 | 16420.8 | 16440.0 | 16436.5 | 16427.1 |
| 15° | 15069.1 | 15425.0 | 15729.5 | 15980.9 | 16183.3 | 16331.7 | 16417.8 | 16440.0 | 16434.4 | 16415.1 | 16385.5 |
| 12.5° | 15199.9 | 15551.0 | 15849.6 | 16091.4 | 16278.1 | 16389.0 | 16433.6 | 16436.5 | 16415.1 | 16378.3 | 16336.2 |
| 10° | 15304.2 | 15647.9 | 15934.8 | 16164.7 | 16332.6 | 16421.3 | 16442.8 | 16427.1 | 16385.5 | 16336.2 | 16289.5 |
| 7.5° | 15386.6 | 15724.7 | 16002.6 | 16223.2 | 16368.2 | 16431.2 | 16435.9 | 16406.2 | 16356.2 | 16300.3 | 16249.8 |
| 5° | 15446.3 | 15780.5 | 16051.9 | 16265.9 | 16394.4 | 16438.5 | 16430.8 | 16389.8 | 16331.9 | 16273.4 | 16227.2 |
| 2.5° | 15482.4 | 15814.3 | 16081.9 | 16291.9 | 16410.3 | 16443.0 | 16427.6 | 16379.6 | 16316.6 | 16256.2 | 16212.3 |
| 0° | 15494.5 | 15825.6 | 16091.9 | 16300.6 | 16415.7 | 16444.5 | 16426.5 | 16376.1 | 16311.4 | 16250.2 | 16207.0 |
| -2.5° | 15482.4 | 15814.3 | 16081.9 | 16291.9 | 16410.3 | 16443.0 | 16427.6 | 16379.6 | 16316.6 | 16256.2 | 16212.3 |
| -5° | 15446.3 | 15780.5 | 16051.9 | 16265.9 | 16394.4 | 16438.5 | 16430.8 | 16389.8 | 16331.9 | 16273.4 | 16227.2 |
| -7.5° | 15386.6 | 15724.7 | 16002.6 | 16223.2 | 16368.2 | 16431.2 | 16435.9 | 16406.2 | 16356.2 | 16300.3 | 16249.8 |
| -10° | 15304.2 | 15647.9 | 15934.8 | 16164.7 | 16332.6 | 16421.3 | 16442.8 | 16427.1 | 16385.5 | 16336.2 | 16289.5 |
| -12.5° | 15199.9 | 15551.0 | 15849.6 | 16091.4 | 16278.1 | 16389.0 | 16433.6 | 16436.5 | 16415.1 | 16378.3 | 16336.2 |
| -15° | 15069.1 | 15425.0 | 15729.5 | 15980.9 | 16183.3 | 16331.7 | 16417.8 | 16440.0 | 16434.4 | 16415.1 | 16385.5 |
| -17.5° | 14896.9 | 15268.8 | 15585.1 | 15854.9 | 16071.6 | 16240.3 | 16354.1 | 16420.8 | 16440.0 | 16436.5 | 16427.1 |
| -20° | 14703.3 | 15091.5 | 15411.9 | 15688.1 | 15920.6 | 16112.4 | 16259.6 | 16354.1 | 16417.8 | 16433.6 | 16442.8 |



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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° | 14464.1 | 14862.0 | 15205.4 | 15499.0 | 15740.6 | 15942.8 | 16112.4 | 16240.3 | 16331.7 | 16389.0 | 16421.3 |
| -25° | 14193.3 | 14609.4 | 14959.2 | 15262.1 | 15524.2 | 15740.6 | 15920.6 | 16071.6 | 16183.3 | 16278.1 | 16332.6 |
| -27.5° | 13876.1 | 14299.6 | 14677.0 | 14992.0 | 15262.1 | 15499.0 | 15688.1 | 15854.9 | 15980.9 | 16091.4 | 16164.7 |
| -30° | 13525.7 | 13954.8 | 14335.4 | 14677.0 | 14959.2 | 15205.4 | 15411.9 | 15585.1 | 15729.5 | 15849.6 | 15934.8 |
| -32.5° | 13104.9 | 13564.0 | 13954.8 | 14299.6 | 14609.4 | 14862.0 | 15091.5 | 15268.8 | 15425.0 | 15551.0 | 15647.9 |
| -35° | 12641.8 | 13104.9 | 13525.7 | 13876.1 | 14193.3 | 14464.1 | 14703.3 | 14896.9 | 15069.1 | 15199.9 | 15304.2 |
| -37.5° | 12105.6 | 12593.0 | 13018.4 | 13400.5 | 13720.6 | 14008.1 | 14251.1 | 14461.0 | 14646.3 | 14783.6 | 14897.9 |
| -40° | 11519.1 | 12010.5 | 12447.5 | 12847.3 | 13182.8 | 13492.1 | 13737.4 | 13958.7 | 14147.6 | 14295.6 | 14418.6 |
| -42.5° | 10886.5 | 11368.1 | 11813.0 | 12208.5 | 12569.7 | 12884.7 | 13149.4 | 13387.5 | 13581.1 | 13736.5 | 13865.3 |
| -45° | 10183.6 | 10669.3 | 11119.8 | 11511.2 | 11876.5 | 12191.1 | 12474.2 | 12728.5 | 12926.6 | 13093.0 | 13230.8 |
| -47.5° | 9404.9 | 9907.7 | 10348.5 | 10751.9 | 11117.7 | 11430.3 | 11715.0 | 11966.8 | 12173.2 | 12350.0 | 12496.3 |
| -50° | 8552.1 | 9062.2 | 9504.5 | 9919.2 | 10277.5 | 10597.7 | 10888.8 | 11137.2 | 11343.6 | 11520.2 | 11666.1 |
| -52.5° | 7618.4 | 8111.4 | 8574.4 | 8997.4 | 9353.6 | 9680.8 | 9977.7 | 10221.8 | 10431.8 | 10611.2 | 10759.3 |
| -55° | 6629.4 | 7104.2 | 7551.3 | 7955.9 | 8326.3 | 8666.1 | 8967.5 | 9210.8 | 9423.9 | 9605.8 | 9755.8 |
| -57.5° | 5649.6 | 6073.3 | 6475.5 | 6859.2 | 7214.4 | 7539.9 | 7827.0 | 8078.2 | 8297.9 | 8485.4 | 8639.8 |
| -60° | 4724.9 | 5059.0 | 5419.3 | 5759.1 | 6073.3 | 6361.2 | 6629.4 | 6868.4 | 7077.2 | 7255.3 | 7401.9 |
| -62.5° | 3897.5 | 4174.1 | 4459.3 | 4724.9 | 4970.3 | 5212.5 | 5448.0 | 5657.6 | 5840.7 | 5996.6 | 6124.9 |
| -65° | 3231.0 | 3443.1 | 3641.9 | 3826.9 | 3999.8 | 4201.7 | 4383.9 | 4546.1 | 4687.6 | 4808.1 | 4907.2 |
| -67.5° | 2656.6 | 2814.8 | 2962.9 | 3100.7 | 3244.3 | 3383.4 | 3508.9 | 3620.5 | 3717.9 | 3800.7 | 3868.8 |
| -70° | 2165.3 | 2275.8 | 2379.3 | 2485.0 | 2597.1 | 2699.3 | 2791.6 | 2873.5 | 2945.0 | 3005.8 | 3055.7 |
| -72.5° | 1756.2 | 1829.5 | 1903.1 | 1986.7 | 2063.7 | 2134.0 | 2197.3 | 2253.6 | 2302.6 | 2344.3 | 2378.5 |
| -75° | 1418.4 | 1475.7 | 1534.2 | 1588.4 | 1638.4 | 1683.9 | 1725.0 | 1761.4 | 1793.2 | 1820.1 | 1842.3 |
| -77.5° | 1114.9 | 1160.6 | 1203.4 | 1243.0 | 1279.6 | 1312.8 | 1342.8 | 1369.4 | 1392.6 | 1412.3 | 1428.4 |
| -80° | 797.2 | 835.5 | 871.2 | 904.3 | 934.8 | 962.6 | 987.6 | 1009.8 | 1029.1 | 1045.5 | 1059.0 |
| -82.5° | 496.8 | 522.8 | 547.0 | 569.5 | 590.3 | 609.1 | 626.1 | 641.2 | 654.3 | 665.4 | 674.6 |
| -85° | 246.0 | 257.8 | 268.9 | 279.2 | 288.7 | 297.3 | 305.0 | 311.9 | 317.9 | 323.0 | 327.1 |
| -87.5° | 73.7 | 75.9 | 77.9 | 79.8 | 81.6 | 83.1 | 84.6 | 85.8 | 86.9 | 87.9 | 88.6 |
| -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: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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° | 89.2 | 89.7 | 89.9 | 90.0 | 89.9 | 89.7 | 89.2 | 88.6 | 87.9 | 86.9 | 85.8 |
| 85° | 330.4 | 332.7 | 334.1 | 334.6 | 334.1 | 332.7 | 330.4 | 327.1 | 323.0 | 317.9 | 311.9 |
| 82.5° | 681.7 | 686.8 | 689.9 | 690.9 | 689.9 | 686.8 | 681.7 | 674.6 | 665.4 | 654.3 | 641.2 |
| 80° | 1069.5 | 1077.1 | 1081.6 | 1083.1 | 1081.6 | 1077.1 | 1069.5 | 1059.0 | 1045.5 | 1029.1 | 1009.8 |
| 77.5° | 1441.0 | 1450.1 | 1455.5 | 1457.3 | 1455.5 | 1450.1 | 1441.0 | 1428.4 | 1412.3 | 1392.6 | 1369.4 |
| 75° | 1859.6 | 1872.0 | 1879.4 | 1881.9 | 1879.4 | 1872.0 | 1859.6 | 1842.3 | 1820.1 | 1793.2 | 1761.4 |
| 72.5° | 2405.2 | 2424.4 | 2435.9 | 2439.7 | 2435.9 | 2424.4 | 2405.2 | 2378.5 | 2344.3 | 2302.6 | 2253.6 |
| 70° | 3094.7 | 3122.6 | 3139.4 | 3145.0 | 3139.4 | 3122.6 | 3094.7 | 3055.7 | 3005.8 | 2945.0 | 2873.5 |
| 67.5° | 3922.0 | 3960.1 | 3983.0 | 3990.6 | 3983.0 | 3960.1 | 3922.0 | 3868.8 | 3800.7 | 3717.9 | 3620.5 |
| 65° | 4984.6 | 5040.0 | 5073.4 | 5084.5 | 5073.4 | 5040.0 | 4984.6 | 4907.2 | 4808.1 | 4687.6 | 4546.1 |
| 62.5° | 6225.2 | 6297.1 | 6340.3 | 6354.7 | 6340.3 | 6297.1 | 6225.2 | 6124.9 | 5996.6 | 5840.7 | 5657.6 |
| 60° | 7516.4 | 7598.6 | 7648.0 | 7664.5 | 7648.0 | 7598.6 | 7516.4 | 7401.9 | 7255.3 | 7077.2 | 6868.4 |
| 57.5° | 8760.6 | 8847.2 | 8899.3 | 8916.7 | 8899.3 | 8847.2 | 8760.6 | 8639.8 | 8485.4 | 8297.9 | 8078.2 |
| 55° | 9873.2 | 9957.4 | 10008.1 | 10025.0 | 10008.1 | 9957.4 | 9873.2 | 9755.8 | 9605.8 | 9423.9 | 9210.8 |
| 52.5° | 10875.3 | 10958.5 | 11008.7 | 11025.4 | 11008.7 | 10958.5 | 10875.3 | 10759.3 | 10611.2 | 10431.8 | 10221.8 |
| 50° | 11780.4 | 11862.6 | 11912.1 | 11928.6 | 11912.1 | 11862.6 | 11780.4 | 11666.1 | 11520.2 | 11343.6 | 11137.2 |
| 47.5° | 12611.0 | 12693.5 | 12743.2 | 12759.8 | 12743.2 | 12693.5 | 12611.0 | 12496.3 | 12350.0 | 12173.2 | 11966.8 |
| 45° | 13339.0 | 13416.9 | 13463.8 | 13479.5 | 13463.8 | 13416.9 | 13339.0 | 13230.8 | 13093.0 | 12926.6 | 12728.5 |
| 42.5° | 13966.6 | 14039.6 | 14083.7 | 14098.4 | 14083.7 | 14039.6 | 13966.6 | 13865.3 | 13736.5 | 13581.1 | 13387.5 |
| 40° | 14515.5 | 14585.4 | 14627.6 | 14641.7 | 14627.6 | 14585.4 | 14515.5 | 14418.6 | 14295.6 | 14147.6 | 13958.7 |
| 37.5° | 14988.1 | 15053.3 | 15092.7 | 15105.9 | 15092.7 | 15053.3 | 14988.1 | 14897.9 | 14783.6 | 14646.3 | 14461.0 |
| 35° | 15386.6 | 15446.3 | 15482.4 | 15494.5 | 15482.4 | 15446.3 | 15386.6 | 15304.2 | 15199.9 | 15069.1 | 14896.9 |
| 32.5° | 15724.7 | 15780.5 | 15814.3 | 15825.6 | 15814.3 | 15780.5 | 15724.7 | 15647.9 | 15551.0 | 15425.0 | 15268.8 |
| 30° | 16002.6 | 16051.9 | 16081.9 | 16091.9 | 16081.9 | 16051.9 | 16002.6 | 15934.8 | 15849.6 | 15729.5 | 15585.1 |
| 27.5° | 16223.2 | 16265.9 | 16291.9 | 16300.6 | 16291.9 | 16265.9 | 16223.2 | 16164.7 | 16091.4 | 15980.9 | 15854.9 |
| 25° | 16368.2 | 16394.4 | 16410.3 | 16415.7 | 16410.3 | 16394.4 | 16368.2 | 16332.6 | 16278.1 | 16183.3 | 16071.6 |
| 22.5° | 16431.2 | 16438.5 | 16443.0 | 16444.5 | 16443.0 | 16438.5 | 16431.2 | 16421.3 | 16389.0 | 16331.7 | 16240.3 |
| 20° | 16435.9 | 16430.8 | 16427.6 | 16426.5 | 16427.6 | 16430.8 | 16435.9 | 16442.8 | 16433.6 | 16417.8 | 16354.1 |
| 17.5° | 16406.2 | 16389.8 | 16379.6 | 16376.1 | 16379.6 | 16389.8 | 16406.2 | 16427.1 | 16436.5 | 16440.0 | 16420.8 |
| 15° | 16356.2 | 16331.9 | 16316.6 | 16311.4 | 16316.6 | 16331.9 | 16356.2 | 16385.5 | 16415.1 | 16434.4 | 16440.0 |
| 12.5° | 16300.3 | 16273.4 | 16256.2 | 16250.2 | 16256.2 | 16273.4 | 16300.3 | 16336.2 | 16378.3 | 16415.1 | 16436.5 |
| 10° | 16249.8 | 16227.2 | 16212.3 | 16207.0 | 16212.3 | 16227.2 | 16249.8 | 16289.5 | 16336.2 | 16385.5 | 16427.1 |
| 7.5° | 16217.2 | 16197.0 | 16185.9 | 16181.8 | 16185.9 | 16197.0 | 16217.2 | 16249.8 | 16300.3 | 16356.2 | 16406.2 |
| 5° | 16197.0 | 16176.8 | 16159.8 | 16153.0 | 16159.8 | 16176.8 | 16197.0 | 16227.2 | 16273.4 | 16331.9 | 16389.8 |
| 2.5° | 16185.9 | 16159.8 | 16134.1 | 16120.7 | 16134.1 | 16159.8 | 16185.9 | 16212.3 | 16256.2 | 16316.6 | 16379.6 |
| 0° | 16181.8 | 16153.0 | 16120.7 | 16124.3 | 16120.7 | 16153.0 | 16181.8 | 16207.0 | 16250.2 | 16311.4 | 16376.1 |
| -2.5° | 16185.9 | 16159.8 | 16134.1 | 16120.7 | 16134.1 | 16159.8 | 16185.9 | 16212.3 | 16256.2 | 16316.6 | 16379.6 |
| -5° | 16197.0 | 16176.8 | 16159.8 | 16153.0 | 16159.8 | 16176.8 | 16197.0 | 16227.2 | 16273.4 | 16331.9 | 16389.8 |
| -7.5° | 16217.2 | 16197.0 | 16185.9 | 16181.8 | 16185.9 | 16197.0 | 16217.2 | 16249.8 | 16300.3 | 16356.2 | 16406.2 |
| -10° | 16249.8 | 16227.2 | 16212.3 | 16207.0 | 16212.3 | 16227.2 | 16249.8 | 16289.5 | 16336.2 | 16385.5 | 16427.1 |
| -12.5° | 16300.3 | 16273.4 | 16256.2 | 16250.2 | 16256.2 | 16273.4 | 16300.3 | 16336.2 | 16378.3 | 16415.1 | 16436.5 |
| -15° | 16356.2 | 16331.9 | 16316.6 | 16311.4 | 16316.6 | 16331.9 | 16356.2 | 16385.5 | 16415.1 | 16434.4 | 16440.0 |
| -17.5° | 16406.2 | 16389.8 | 16379.6 | 16376.1 | 16379.6 | 16389.8 | 16406.2 | 16427.1 | 16436.5 | 16440.0 | 16420.8 |
| -20° | 16435.9 | 16430.8 | 16427.6 | 16426.5 | 16427.6 | 16430.8 | 16435.9 | 16442.8 | 16433.6 | 16417.8 | 16354.1 |



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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° | 16431.2 | 16438.5 | 16443.0 | 16444.5 | 16443.0 | 16438.5 | 16431.2 | 16421.3 | 16389.0 | 16331.7 | 16240.3 |
| -25° | 16368.2 | 16394.4 | 16410.3 | 16415.7 | 16410.3 | 16394.4 | 16368.2 | 16332.6 | 16278.1 | 16183.3 | 16071.6 |
| -27.5° | 16223.2 | 16265.9 | 16291.9 | 16300.6 | 16291.9 | 16265.9 | 16223.2 | 16164.7 | 16091.4 | 15980.9 | 15854.9 |
| -30° | 16002.6 | 16051.9 | 16081.9 | 16091.9 | 16081.9 | 16051.9 | 16002.6 | 15934.8 | 15849.6 | 15729.5 | 15585.1 |
| -32.5° | 15724.7 | 15780.5 | 15814.3 | 15825.6 | 15814.3 | 15780.5 | 15724.7 | 15647.9 | 15551.0 | 15425.0 | 15268.8 |
| -35° | 15386.6 | 15446.3 | 15482.4 | 15494.5 | 15482.4 | 15446.3 | 15386.6 | 15304.2 | 15199.9 | 15069.1 | 14896.9 |
| -37.5° | 14988.1 | 15053.3 | 15092.7 | 15105.9 | 15092.7 | 15053.3 | 14988.1 | 14897.9 | 14783.6 | 14646.3 | 14461.0 |
| -40° | 14515.5 | 14585.4 | 14627.6 | 14641.7 | 14627.6 | 14585.4 | 14515.5 | 14418.6 | 14295.6 | 14147.6 | 13958.7 |
| -42.5° | 13966.6 | 14039.6 | 14083.7 | 14098.4 | 14083.7 | 14039.6 | 13966.6 | 13865.3 | 13736.5 | 13581.1 | 13387.5 |
| -45° | 13339.0 | 13416.9 | 13463.8 | 13479.5 | 13463.8 | 13416.9 | 13339.0 | 13230.8 | 13093.0 | 12926.6 | 12728.5 |
| -47.5° | 12611.0 | 12693.5 | 12743.2 | 12759.8 | 12743.2 | 12693.5 | 12611.0 | 12496.3 | 12350.0 | 12173.2 | 11966.8 |
| -50° | 11780.4 | 11862.6 | 11912.1 | 11928.6 | 11912.1 | 11862.6 | 11780.4 | 11666.1 | 11520.2 | 11343.6 | 11137.2 |
| -52.5° | 10875.3 | 10958.5 | 11008.7 | 11025.4 | 11008.7 | 10958.5 | 10875.3 | 10759.3 | 10611.2 | 10431.8 | 10221.8 |
| -55° | 9873.2 | 9957.4 | 10008.1 | 10025.0 | 10008.1 | 9957.4 | 9873.2 | 9755.8 | 9605.8 | 9423.9 | 9210.8 |
| -57.5° | 8760.6 | 8847.2 | 8899.3 | 8916.7 | 8899.3 | 8847.2 | 8760.6 | 8639.8 | 8485.4 | 8297.9 | 8078.2 |
| -60° | 7516.4 | 7598.6 | 7648.0 | 7664.5 | 7648.0 | 7598.6 | 7516.4 | 7401.9 | 7255.3 | 7077.2 | 6868.4 |
| -62.5° | 6225.2 | 6297.1 | 6340.3 | 6354.7 | 6340.3 | 6297.1 | 6225.2 | 6124.9 | 5996.6 | 5840.7 | 5657.6 |
| -65° | 4984.6 | 5040.0 | 5073.4 | 5084.5 | 5073.4 | 5040.0 | 4984.6 | 4907.2 | 4808.1 | 4687.6 | 4546.1 |
| -67.5° | 3922.0 | 3960.1 | 3983.0 | 3990.6 | 3983.0 | 3960.1 | 3922.0 | 3868.8 | 3800.7 | 3717.9 | 3620.5 |
| -70° | 3094.7 | 3122.6 | 3139.4 | 3145.0 | 3139.4 | 3122.6 | 3094.7 | 3055.7 | 3005.8 | 2945.0 | 2873.5 |
| -72.5° | 2405.2 | 2424.4 | 2435.9 | 2439.7 | 2435.9 | 2424.4 | 2405.2 | 2378.5 | 2344.3 | 2302.6 | 2253.6 |
| -75° | 1859.6 | 1872.0 | 1879.4 | 1881.9 | 1879.4 | 1872.0 | 1859.6 | 1842.3 | 1820.1 | 1793.2 | 1761.4 |
| -77.5° | 1441.0 | 1450.1 | 1455.5 | 1457.3 | 1455.5 | 1450.1 | 1441.0 | 1428.4 | 1412.3 | 1392.6 | 1369.4 |
| -80° | 1069.5 | 1077.1 | 1081.6 | 1083.1 | 1081.6 | 1077.1 | 1069.5 | 1059.0 | 1045.5 | 1029.1 | 1009.8 |
| -82.5° | 681.7 | 686.8 | 689.9 | 690.9 | 689.9 | 686.8 | 681.7 | 674.6 | 665.4 | 654.3 | 641.2 |
| -85° | 330.4 | 332.7 | 334.1 | 334.6 | 334.1 | 332.7 | 330.4 | 327.1 | 323.0 | 317.9 | 311.9 |
| -87.5° | 89.2 | 89.7 | 89.9 | 90.0 | 89.9 | 89.7 | 89.2 | 88.6 | 87.9 | 86.9 | 85.8 |
| -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: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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° | 84.6 | 83.1 | 81.6 | 79.8 | 77.9 | 75.9 | 73.7 | 71.4 | 68.9 | 66.3 | 63.6 |
| 85° | 305.0 | 297.3 | 288.7 | 279.2 | 268.9 | 257.8 | 246.0 | 233.3 | 220.0 | 205.9 | 191.1 |
| 82.5° | 626.1 | 609.1 | 590.3 | 569.5 | 547.0 | 522.8 | 496.8 | 469.1 | 439.9 | 409.0 | 376.7 |
| 80° | 987.6 | 962.6 | 934.8 | 904.3 | 871.2 | 835.5 | 797.2 | 756.6 | 713.5 | 670.3 | 627.2 |
| 77.5° | 1342.8 | 1312.8 | 1279.6 | 1243.0 | 1203.4 | 1160.6 | 1114.9 | 1065.4 | 1011.5 | 954.8 | 895.4 |
| 75° | 1725.0 | 1683.9 | 1638.4 | 1588.4 | 1534.2 | 1475.7 | 1418.4 | 1359.9 | 1298.0 | 1232.9 | 1164.7 |
| 72.5° | 2197.3 | 2134.0 | 2063.7 | 1986.7 | 1903.1 | 1829.5 | 1756.2 | 1678.4 | 1596.2 | 1509.8 | 1423.9 |
| 70° | 2791.6 | 2699.3 | 2597.1 | 2485.0 | 2379.3 | 2275.8 | 2165.3 | 2047.9 | 1924.1 | 1814.9 | 1711.3 |
| 67.5° | 3508.9 | 3383.4 | 3244.3 | 3100.7 | 2962.9 | 2814.8 | 2656.6 | 2488.8 | 2338.6 | 2191.6 | 2038.1 |
| 65° | 4383.9 | 4201.7 | 3999.8 | 3826.9 | 3641.9 | 3443.1 | 3231.0 | 3029.3 | 2831.7 | 2624.5 | 2414.6 |
| 62.5° | 5448.0 | 5212.5 | 4970.3 | 4724.9 | 4459.3 | 4174.1 | 3897.5 | 3648.8 | 3386.8 | 3117.8 | 2878.9 |
| 60° | 6629.4 | 6361.2 | 6073.3 | 5759.1 | 5419.3 | 5059.0 | 4724.9 | 4371.5 | 3999.8 | 3696.9 | 3383.4 |
| 57.5° | 7827.0 | 7539.9 | 7214.4 | 6859.2 | 6475.5 | 6073.3 | 5649.6 | 5201.9 | 4780.4 | 4356.8 | 3932.8 |
| 55° | 8967.5 | 8666.1 | 8326.3 | 7955.9 | 7551.3 | 7104.2 | 6629.4 | 6135.2 | 5625.4 | 5093.1 | 4615.2 |
| 52.5° | 9977.7 | 9680.8 | 9353.6 | 8997.4 | 8574.4 | 8111.4 | 7618.4 | 7077.2 | 6510.2 | 5932.2 | 5336.9 |
| 50° | 10888.8 | 10597.7 | 10277.5 | 9919.2 | 9504.5 | 9062.2 | 8552.1 | 7995.6 | 7401.9 | 6767.9 | 6117.9 |
| 47.5° | 11715.0 | 11430.3 | 11117.7 | 10751.9 | 10348.5 | 9907.7 | 9404.9 | 8871.9 | 8249.0 | 7598.6 | 6897.6 |
| 45° | 12474.2 | 12191.1 | 11876.5 | 11511.2 | 11119.8 | 10669.3 | 10183.6 | 9636.6 | 9048.7 | 8376.6 | 7664.5 |
| 42.5° | 13149.4 | 12884.7 | 12569.7 | 12208.5 | 11813.0 | 11368.1 | 10886.5 | 10344.1 | 9753.5 | 9106.2 | 8376.6 |
| 40° | 13737.4 | 13492.1 | 13182.8 | 12847.3 | 12447.5 | 12010.5 | 11519.1 | 10996.0 | 10397.9 | 9753.5 | 9048.7 |
| 37.5° | 14251.1 | 14008.1 | 13720.6 | 13400.5 | 13018.4 | 12593.0 | 12105.6 | 11569.7 | 10996.0 | 10344.1 | 9636.6 |
| 35° | 14703.3 | 14464.1 | 14193.3 | 13876.1 | 13525.7 | 13104.9 | 12641.8 | 12105.6 | 11519.1 | 10886.5 | 10183.6 |
| 32.5° | 15091.5 | 14862.0 | 14609.4 | 14299.6 | 13954.8 | 13564.0 | 13104.9 | 12593.0 | 12010.5 | 11368.1 | 10669.3 |
| 30° | 15411.9 | 15205.4 | 14959.2 | 14677.0 | 14335.4 | 13954.8 | 13525.7 | 13018.4 | 12447.5 | 11813.0 | 11119.8 |
| 27.5° | 15688.1 | 15499.0 | 15262.1 | 14992.0 | 14677.0 | 14299.6 | 13876.1 | 13400.5 | 12847.3 | 12208.5 | 11511.2 |
| 25° | 15920.6 | 15740.6 | 15524.2 | 15262.1 | 14959.2 | 14609.4 | 14193.3 | 13720.6 | 13182.8 | 12569.7 | 11876.5 |
| 22.5° | 16112.4 | 15942.8 | 15740.6 | 15499.0 | 15205.4 | 14862.0 | 14464.1 | 14008.1 | 13492.1 | 12884.7 | 12191.1 |
| 20° | 16259.6 | 16112.4 | 15920.6 | 15688.1 | 15411.9 | 15091.5 | 14703.3 | 14251.1 | 13737.4 | 13149.4 | 12474.2 |
| 17.5° | 16354.1 | 16240.3 | 16071.6 | 15854.9 | 15585.1 | 15268.8 | 14896.9 | 14461.0 | 13958.7 | 13387.5 | 12728.5 |
| 15° | 16417.8 | 16331.7 | 16183.3 | 15980.9 | 15729.5 | 15425.0 | 15069.1 | 14646.3 | 14147.6 | 13581.1 | 12926.6 |
| 12.5° | 16433.6 | 16389.0 | 16278.1 | 16091.4 | 15849.6 | 15551.0 | 15199.9 | 14783.6 | 14295.6 | 13736.5 | 13093.0 |
| 10° | 16442.8 | 16421.3 | 16332.6 | 16164.7 | 15934.8 | 15647.9 | 15304.2 | 14897.9 | 14418.6 | 13865.3 | 13230.8 |
| 7.5° | 16435.9 | 16431.2 | 16368.2 | 16223.2 | 16002.6 | 15724.7 | 15386.6 | 14988.1 | 14515.5 | 13966.6 | 13339.0 |
| 5° | 16430.8 | 16438.5 | 16394.4 | 16265.9 | 16051.9 | 15780.5 | 15446.3 | 15053.3 | 14585.4 | 14039.6 | 13416.9 |
| 2.5° | 16427.6 | 16443.0 | 16410.3 | 16291.9 | 16081.9 | 15814.3 | 15482.4 | 15092.7 | 14627.6 | 14083.7 | 13463.8 |
| 0° | 16426.5 | 16444.5 | 16415.7 | 16300.6 | 16091.9 | 15825.6 | 15494.5 | 15105.9 | 14641.7 | 14098.4 | 13479.5 |
| -2.5° | 16427.6 | 16443.0 | 16410.3 | 16291.9 | 16081.9 | 15814.3 | 15482.4 | 15092.7 | 14627.6 | 14083.7 | 13463.8 |
| -5° | 16430.8 | 16438.5 | 16394.4 | 16265.9 | 16051.9 | 15780.5 | 15446.3 | 15053.3 | 14585.4 | 14039.6 | 13416.9 |
| -7.5° | 16435.9 | 16431.2 | 16368.2 | 16223.2 | 16002.6 | 15724.7 | 15386.6 | 14988.1 | 14515.5 | 13966.6 | 13339.0 |
| -10° | 16442.8 | 16421.3 | 16332.6 | 16164.7 | 15934.8 | 15647.9 | 15304.2 | 14897.9 | 14418.6 | 13865.3 | 13230.8 |
| -12.5° | 16433.6 | 16389.0 | 16278.1 | 16091.4 | 15849.6 | 15551.0 | 15199.9 | 14783.6 | 14295.6 | 13736.5 | 13093.0 |
| -15° | 16417.8 | 16331.7 | 16183.3 | 15980.9 | 15729.5 | 15425.0 | 15069.1 | 14646.3 | 14147.6 | 13581.1 | 12926.6 |
| -17.5° | 16354.1 | 16240.3 | 16071.6 | 15854.9 | 15585.1 | 15268.8 | 14896.9 | 14461.0 | 13958.7 | 13387.5 | 12728.5 |
| -20° | 16259.6 | 16112.4 | 15920.6 | 15688.1 | 15411.9 | 15091.5 | 14703.3 | 14251.1 | 13737.4 | 13149.4 | 12474.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-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° | 16112.4 | 15942.8 | 15740.6 | 15499.0 | 15205.4 | 14862.0 | 14464.1 | 14008.1 | 13492.1 | 12884.7 | 12191.1 |
| -25° | 15920.6 | 15740.6 | 15524.2 | 15262.1 | 14959.2 | 14609.4 | 14193.3 | 13720.6 | 13182.8 | 12569.7 | 11876.5 |
| -27.5° | 15688.1 | 15499.0 | 15262.1 | 14992.0 | 14677.0 | 14299.6 | 13876.1 | 13400.5 | 12847.3 | 12208.5 | 11511.2 |
| -30° | 15411.9 | 15205.4 | 14959.2 | 14677.0 | 14335.4 | 13954.8 | 13525.7 | 13018.4 | 12447.5 | 11813.0 | 11119.8 |
| -32.5° | 15091.5 | 14862.0 | 14609.4 | 14299.6 | 13954.8 | 13564.0 | 13104.9 | 12593.0 | 12010.5 | 11368.1 | 10669.3 |
| -35° | 14703.3 | 14464.1 | 14193.3 | 13876.1 | 13525.7 | 13104.9 | 12641.8 | 12105.6 | 11519.1 | 10886.5 | 10183.6 |
| -37.5° | 14251.1 | 14008.1 | 13720.6 | 13400.5 | 13018.4 | 12593.0 | 12105.6 | 11569.7 | 10996.0 | 10344.1 | 9636.6 |
| -40° | 13737.4 | 13492.1 | 13182.8 | 12847.3 | 12447.5 | 12010.5 | 11519.1 | 10996.0 | 10397.9 | 9753.5 | 9048.7 |
| -42.5° | 13149.4 | 12884.7 | 12569.7 | 12208.5 | 11813.0 | 11368.1 | 10886.5 | 10344.1 | 9753.5 | 9106.2 | 8376.6 |
| -45° | 12474.2 | 12191.1 | 11876.5 | 11511.2 | 11119.8 | 10669.3 | 10183.6 | 9636.6 | 9048.7 | 8376.6 | 7664.5 |
| -47.5° | 11715.0 | 11430.3 | 11117.7 | 10751.9 | 10348.5 | 9907.7 | 9404.9 | 8871.9 | 8249.0 | 7598.6 | 6897.6 |
| -50° | 10888.8 | 10597.7 | 10277.5 | 9919.2 | 9504.5 | 9062.2 | 8552.1 | 7995.6 | 7401.9 | 6767.9 | 6117.9 |
| -52.5° | 9977.7 | 9680.8 | 9353.6 | 8997.4 | 8574.4 | 8111.4 | 7618.4 | 7077.2 | 6510.2 | 5932.2 | 5336.9 |
| -55° | 8967.5 | 8666.1 | 8326.3 | 7955.9 | 7551.3 | 7104.2 | 6629.4 | 6135.2 | 5625.4 | 5093.1 | 4615.2 |
| -57.5° | 7827.0 | 7539.9 | 7214.4 | 6859.2 | 6475.5 | 6073.3 | 5649.6 | 5201.9 | 4780.4 | 4356.8 | 3932.8 |
| -60° | 6629.4 | 6361.2 | 6073.3 | 5759.1 | 5419.3 | 5059.0 | 4724.9 | 4371.5 | 3999.8 | 3696.9 | 3383.4 |
| -62.5° | 5448.0 | 5212.5 | 4970.3 | 4724.9 | 4459.3 | 4174.1 | 3897.5 | 3648.8 | 3386.8 | 3117.8 | 2878.9 |
| -65° | 4383.9 | 4201.7 | 3999.8 | 3826.9 | 3641.9 | 3443.1 | 3231.0 | 3029.3 | 2831.7 | 2624.5 | 2414.6 |
| -67.5° | 3508.9 | 3383.4 | 3244.3 | 3100.7 | 2962.9 | 2814.8 | 2656.6 | 2488.8 | 2338.6 | 2191.6 | 2038.1 |
| -70° | 2791.6 | 2699.3 | 2597.1 | 2485.0 | 2379.3 | 2275.8 | 2165.3 | 2047.9 | 1924.1 | 1814.9 | 1711.3 |
| -72.5° | 2197.3 | 2134.0 | 2063.7 | 1986.7 | 1903.1 | 1829.5 | 1756.2 | 1678.4 | 1596.2 | 1509.8 | 1423.9 |
| -75° | 1725.0 | 1683.9 | 1638.4 | 1588.4 | 1534.2 | 1475.7 | 1418.4 | 1359.9 | 1298.0 | 1232.9 | 1164.7 |
| -77.5° | 1342.8 | 1312.8 | 1279.6 | 1243.0 | 1203.4 | 1160.6 | 1114.9 | 1065.4 | 1011.5 | 954.8 | 895.4 |
| -80° | 987.6 | 962.6 | 934.8 | 904.3 | 871.2 | 835.5 | 797.2 | 756.6 | 713.5 | 670.3 | 627.2 |
| -82.5° | 626.1 | 609.1 | 590.3 | 569.5 | 547.0 | 522.8 | 496.8 | 469.1 | 439.9 | 409.0 | 376.7 |
| -85° | 305.0 | 297.3 | 288.7 | 279.2 | 268.9 | 257.8 | 246.0 | 233.3 | 220.0 | 205.9 | 191.1 |
| -87.5° | 84.6 | 83.1 | 81.6 | 79.8 | 77.9 | 75.9 | 73.7 | 71.4 | 68.9 | 66.3 | 63.6 |
| -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: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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° | 60.8 | 57.8 | 54.8 | 51.6 | 48.3 | 45.0 | 41.5 | 38.0 | 34.4 | 30.8 | 27.1 |
| 85° | 175.7 | 159.6 | 143.0 | 125.8 | 108.0 | 89.9 | 83.0 | 76.0 | 68.8 | 61.5 | 54.1 |
| 82.5° | 343.0 | 316.3 | 291.3 | 265.5 | 238.9 | 211.5 | 183.5 | 154.8 | 125.5 | 95.7 | 81.0 |
| 80° | 582.2 | 535.4 | 486.8 | 436.7 | 385.0 | 332.7 | 295.4 | 257.2 | 218.2 | 178.5 | 138.3 |
| 77.5° | 833.4 | 768.9 | 702.1 | 638.4 | 573.8 | 507.4 | 439.5 | 370.0 | 310.3 | 260.8 | 210.5 |
| 75° | 1093.6 | 1016.7 | 936.5 | 853.6 | 768.3 | 681.7 | 600.2 | 517.0 | 432.1 | 345.8 | 282.1 |
| 72.5° | 1340.8 | 1254.5 | 1165.1 | 1072.4 | 973.0 | 870.9 | 766.4 | 662.6 | 563.8 | 463.3 | 361.4 |
| 70° | 1603.3 | 1491.3 | 1385.1 | 1279.7 | 1171.3 | 1059.0 | 939.8 | 818.1 | 694.2 | 579.4 | 463.3 |
| 67.5° | 1879.1 | 1752.8 | 1622.3 | 1487.8 | 1362.3 | 1237.4 | 1109.7 | 974.4 | 835.4 | 694.2 | 563.8 |
| 65° | 2236.6 | 2052.1 | 1866.3 | 1716.9 | 1563.4 | 1412.3 | 1270.7 | 1126.3 | 974.4 | 818.1 | 662.6 |
| 62.5° | 2630.7 | 2387.5 | 2177.7 | 1961.8 | 1774.0 | 1601.4 | 1429.0 | 1270.7 | 1109.7 | 939.8 | 766.4 |
| 60° | 3072.4 | 2791.6 | 2502.0 | 2253.6 | 2012.2 | 1793.2 | 1601.4 | 1412.3 | 1237.4 | 1059.0 | 870.9 |
| 57.5° | 3579.4 | 3214.1 | 2888.9 | 2566.6 | 2279.0 | 2012.2 | 1774.0 | 1563.4 | 1362.3 | 1171.3 | 973.0 |
| 55° | 4121.5 | 3697.9 | 3292.7 | 2921.4 | 2566.6 | 2253.6 | 1961.8 | 1716.9 | 1487.8 | 1279.7 | 1072.4 |
| 52.5° | 4771.6 | 4225.0 | 3737.6 | 3292.7 | 2888.9 | 2502.0 | 2177.7 | 1866.3 | 1622.3 | 1385.1 | 1165.1 |
| 50° | 5459.6 | 4823.9 | 4225.0 | 3697.9 | 3214.1 | 2791.6 | 2387.5 | 2052.1 | 1752.8 | 1491.3 | 1254.5 |
| 47.5° | 6180.2 | 5459.6 | 4771.6 | 4121.5 | 3579.4 | 3072.4 | 2630.7 | 2236.6 | 1879.1 | 1603.3 | 1340.8 |
| 45° | 6897.6 | 6117.9 | 5336.9 | 4615.2 | 3932.8 | 3383.4 | 2878.9 | 2414.6 | 2038.1 | 1711.3 | 1423.9 |
| 42.5° | 7598.6 | 6767.9 | 5932.2 | 5093.1 | 4356.8 | 3696.9 | 3117.8 | 2624.5 | 2191.6 | 1814.9 | 1509.8 |
| 40° | 8249.0 | 7401.9 | 6510.2 | 5625.4 | 4780.4 | 3999.8 | 3386.8 | 2831.7 | 2338.6 | 1924.1 | 1596.2 |
| 37.5° | 8871.9 | 7995.6 | 7077.2 | 6135.2 | 5201.9 | 4371.5 | 3648.8 | 3029.3 | 2488.8 | 2047.9 | 1678.4 |
| 35° | 9404.9 | 8552.1 | 7618.4 | 6629.4 | 5649.6 | 4724.9 | 3897.5 | 3231.0 | 2656.6 | 2165.3 | 1756.2 |
| 32.5° | 9907.7 | 9062.2 | 8111.4 | 7104.2 | 6073.3 | 5059.0 | 4174.1 | 3443.1 | 2814.8 | 2275.8 | 1829.5 |
| 30° | 10348.5 | 9504.5 | 8574.4 | 7551.3 | 6475.5 | 5419.3 | 4459.3 | 3641.9 | 2962.9 | 2379.3 | 1903.1 |
| 27.5° | 10751.9 | 9919.2 | 8997.4 | 7955.9 | 6859.2 | 5759.1 | 4724.9 | 3826.9 | 3100.7 | 2485.0 | 1986.7 |
| 25° | 11117.7 | 10277.5 | 9353.6 | 8326.3 | 7214.4 | 6073.3 | 4970.3 | 3999.8 | 3244.3 | 2597.1 | 2063.7 |
| 22.5° | 11430.3 | 10597.7 | 9680.8 | 8666.1 | 7539.9 | 6361.2 | 5212.5 | 4201.7 | 3383.4 | 2699.3 | 2134.0 |
| 20° | 11715.0 | 10888.8 | 9977.7 | 8967.5 | 7827.0 | 6629.4 | 5448.0 | 4383.9 | 3508.9 | 2791.6 | 2197.3 |
| 17.5° | 11966.8 | 11137.2 | 10221.8 | 9210.8 | 8078.2 | 6868.4 | 5657.6 | 4546.1 | 3620.5 | 2873.5 | 2253.6 |
| 15° | 12173.2 | 11343.6 | 10431.8 | 9423.9 | 8297.9 | 7077.2 | 5840.7 | 4687.6 | 3717.9 | 2945.0 | 2302.6 |
| 12.5° | 12350.0 | 11520.2 | 10611.2 | 9605.8 | 8485.4 | 7255.3 | 5996.6 | 4808.1 | 3800.7 | 3005.8 | 2344.3 |
| 10° | 12496.3 | 11666.1 | 10759.3 | 9755.8 | 8639.8 | 7401.9 | 6124.9 | 4907.2 | 3868.8 | 3055.7 | 2378.5 |
| 7.5° | 12611.0 | 11780.4 | 10875.3 | 9873.2 | 8760.6 | 7516.4 | 6225.2 | 4984.6 | 3922.0 | 3094.7 | 2405.2 |
| 5° | 12693.5 | 11862.6 | 10958.5 | 9957.4 | 8847.2 | 7598.6 | 6297.1 | 5040.0 | 3960.1 | 3122.6 | 2424.4 |
| 2.5° | 12743.2 | 11912.1 | 11008.7 | 10008.1 | 8899.3 | 7648.0 | 6340.3 | 5073.4 | 3983.0 | 3139.4 | 2435.9 |
| 0° | 12759.8 | 11928.6 | 11025.4 | 10025.0 | 8916.7 | 7664.5 | 6354.7 | 5084.5 | 3990.6 | 3145.0 | 2439.7 |
| -2.5° | 12743.2 | 11912.1 | 11008.7 | 10008.1 | 8899.3 | 7648.0 | 6340.3 | 5073.4 | 3983.0 | 3139.4 | 2435.9 |
| -5° | 12693.5 | 11862.6 | 10958.5 | 9957.4 | 8847.2 | 7598.6 | 6297.1 | 5040.0 | 3960.1 | 3122.6 | 2424.4 |
| -7.5° | 12611.0 | 11780.4 | 10875.3 | 9873.2 | 8760.6 | 7516.4 | 6225.2 | 4984.6 | 3922.0 | 3094.7 | 2405.2 |
| -10° | 12496.3 | 11666.1 | 10759.3 | 9755.8 | 8639.8 | 7401.9 | 6124.9 | 4907.2 | 3868.8 | 3055.7 | 2378.5 |
| -12.5° | 12350.0 | 11520.2 | 10611.2 | 9605.8 | 8485.4 | 7255.3 | 5996.6 | 4808.1 | 3800.7 | 3005.8 | 2344.3 |
| -15° | 12173.2 | 11343.6 | 10431.8 | 9423.9 | 8297.9 | 7077.2 | 5840.7 | 4687.6 | 3717.9 | 2945.0 | 2302.6 |
| -17.5° | 11966.8 | 11137.2 | 10221.8 | 9210.8 | 8078.2 | 6868.4 | 5657.6 | 4546.1 | 3620.5 | 2873.5 | 2253.6 |
| -20° | 11715.0 | 10888.8 | 9977.7 | 8967.5 | 7827.0 | 6629.4 | 5448.0 | 4383.9 | 3508.9 | 2791.6 | 2197.3 |



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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° | 11430.3 | 10597.7 | 9680.8 | 8666.1 | 7539.9 | 6361.2 | 5212.5 | 4201.7 | 3383.4 | 2699.3 | 2134.0 |
| -25° | 11117.7 | 10277.5 | 9353.6 | 8326.3 | 7214.4 | 6073.3 | 4970.3 | 3999.8 | 3244.3 | 2597.1 | 2063.7 |
| -27.5° | 10751.9 | 9919.2 | 8997.4 | 7955.9 | 6859.2 | 5759.1 | 4724.9 | 3826.9 | 3100.7 | 2485.0 | 1986.7 |
| -30° | 10348.5 | 9504.5 | 8574.4 | 7551.3 | 6475.5 | 5419.3 | 4459.3 | 3641.9 | 2962.9 | 2379.3 | 1903.1 |
| -32.5° | 9907.7 | 9062.2 | 8111.4 | 7104.2 | 6073.3 | 5059.0 | 4174.1 | 3443.1 | 2814.8 | 2275.8 | 1829.5 |
| -35° | 9404.9 | 8552.1 | 7618.4 | 6629.4 | 5649.6 | 4724.9 | 3897.5 | 3231.0 | 2656.6 | 2165.3 | 1756.2 |
| -37.5° | 8871.9 | 7995.6 | 7077.2 | 6135.2 | 5201.9 | 4371.5 | 3648.8 | 3029.3 | 2488.8 | 2047.9 | 1678.4 |
| -40° | 8249.0 | 7401.9 | 6510.2 | 5625.4 | 4780.4 | 3999.8 | 3386.8 | 2831.7 | 2338.6 | 1924.1 | 1596.2 |
| -42.5° | 7598.6 | 6767.9 | 5932.2 | 5093.1 | 4356.8 | 3696.9 | 3117.8 | 2624.5 | 2191.6 | 1814.9 | 1509.8 |
| -45° | 6897.6 | 6117.9 | 5336.9 | 4615.2 | 3932.8 | 3383.4 | 2878.9 | 2414.6 | 2038.1 | 1711.3 | 1423.9 |
| -47.5° | 6180.2 | 5459.6 | 4771.6 | 4121.5 | 3579.4 | 3072.4 | 2630.7 | 2236.6 | 1879.1 | 1603.3 | 1340.8 |
| -50° | 5459.6 | 4823.9 | 4225.0 | 3697.9 | 3214.1 | 2791.6 | 2387.5 | 2052.1 | 1752.8 | 1491.3 | 1254.5 |
| -52.5° | 4771.6 | 4225.0 | 3737.6 | 3292.7 | 2888.9 | 2502.0 | 2177.7 | 1866.3 | 1622.3 | 1385.1 | 1165.1 |
| -55° | 4121.5 | 3697.9 | 3292.7 | 2921.4 | 2566.6 | 2253.6 | 1961.8 | 1716.9 | 1487.8 | 1279.7 | 1072.4 |
| -57.5° | 3579.4 | 3214.1 | 2888.9 | 2566.6 | 2279.0 | 2012.2 | 1774.0 | 1563.4 | 1362.3 | 1171.3 | 973.0 |
| -60° | 3072.4 | 2791.6 | 2502.0 | 2253.6 | 2012.2 | 1793.2 | 1601.4 | 1412.3 | 1237.4 | 1059.0 | 870.9 |
| -62.5° | 2630.7 | 2387.5 | 2177.7 | 1961.8 | 1774.0 | 1601.4 | 1429.0 | 1270.7 | 1109.7 | 939.8 | 766.4 |
| -65° | 2236.6 | 2052.1 | 1866.3 | 1716.9 | 1563.4 | 1412.3 | 1270.7 | 1126.3 | 974.4 | 818.1 | 662.6 |
| -67.5° | 1879.1 | 1752.8 | 1622.3 | 1487.8 | 1362.3 | 1237.4 | 1109.7 | 974.4 | 835.4 | 694.2 | 563.8 |
| -70° | 1603.3 | 1491.3 | 1385.1 | 1279.7 | 1171.3 | 1059.0 | 939.8 | 818.1 | 694.2 | 579.4 | 463.3 |
| -72.5° | 1340.8 | 1254.5 | 1165.1 | 1072.4 | 973.0 | 870.9 | 766.4 | 662.6 | 563.8 | 463.3 | 361.4 |
| -75° | 1093.6 | 1016.7 | 936.5 | 853.6 | 768.3 | 681.7 | 600.2 | 517.0 | 432.1 | 345.8 | 282.1 |
| -77.5° | 833.4 | 768.9 | 702.1 | 638.4 | 573.8 | 507.4 | 439.5 | 370.0 | 310.3 | 260.8 | 210.5 |
| -80° | 582.2 | 535.4 | 486.8 | 436.7 | 385.0 | 332.7 | 295.4 | 257.2 | 218.2 | 178.5 | 138.3 |
| -82.5° | 343.0 | 316.3 | 291.3 | 265.5 | 238.9 | 211.5 | 183.5 | 154.8 | 125.5 | 95.7 | 81.0 |
| -85° | 175.7 | 159.6 | 143.0 | 125.8 | 108.0 | 89.9 | 83.0 | 76.0 | 68.8 | 61.5 | 54.1 |
| -87.5° | 60.8 | 57.8 | 54.8 | 51.6 | 48.3 | 45.0 | 41.5 | 38.0 | 34.4 | 30.8 | 27.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-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° | 23.3 | 19.5 | 15.6 | 11.7 | 7.8 | 3.9 | 0.0 |
| 85° | 46.5 | 38.9 | 31.2 | 23.5 | 15.7 | 7.8 | 0.0 |
| 82.5° | 69.7 | 58.3 | 46.8 | 35.1 | 23.5 | 11.7 | 0.0 |
| 80° | 97.4 | 77.5 | 62.2 | 46.8 | 31.2 | 15.6 | 0.0 |
| 77.5° | 159.6 | 108.1 | 77.5 | 58.3 | 38.9 | 19.5 | 0.0 |
| 75° | 221.2 | 159.6 | 97.4 | 69.7 | 46.5 | 23.3 | 0.0 |
| 72.5° | 282.1 | 210.5 | 138.3 | 81.0 | 54.1 | 27.1 | 0.0 |
| 70° | 345.8 | 260.8 | 178.5 | 95.7 | 61.5 | 30.8 | 0.0 |
| 67.5° | 432.1 | 310.3 | 218.2 | 125.5 | 68.8 | 34.4 | 0.0 |
| 65° | 517.0 | 370.0 | 257.2 | 154.8 | 76.0 | 38.0 | 0.0 |
| 62.5° | 600.2 | 439.5 | 295.4 | 183.5 | 83.0 | 41.5 | 0.0 |
| 60° | 681.7 | 507.4 | 332.7 | 211.5 | 89.9 | 45.0 | 0.0 |
| 57.5° | 768.3 | 573.8 | 385.0 | 238.9 | 108.0 | 48.3 | 0.0 |
| 55° | 853.6 | 638.4 | 436.7 | 265.5 | 125.8 | 51.6 | 0.0 |
| 52.5° | 936.5 | 702.1 | 486.8 | 291.3 | 143.0 | 54.8 | 0.0 |
| 50° | 1016.7 | 768.9 | 535.4 | 316.3 | 159.6 | 57.8 | 0.0 |
| 47.5° | 1093.6 | 833.4 | 582.2 | 343.0 | 175.7 | 60.8 | 0.0 |
| 45° | 1164.7 | 895.4 | 627.2 | 376.7 | 191.1 | 63.6 | 0.0 |
| 42.5° | 1232.9 | 954.8 | 670.3 | 409.0 | 205.9 | 66.3 | 0.0 |
| 40° | 1298.0 | 1011.5 | 713.5 | 439.9 | 220.0 | 68.9 | 0.0 |
| 37.5° | 1359.9 | 1065.4 | 756.6 | 469.1 | 233.3 | 71.4 | 0.0 |
| 35° | 1418.4 | 1114.9 | 797.2 | 496.8 | 246.0 | 73.7 | 0.0 |
| 32.5° | 1475.7 | 1160.6 | 835.5 | 522.8 | 257.8 | 75.9 | 0.0 |
| 30° | 1534.2 | 1203.4 | 871.2 | 547.0 | 268.9 | 77.9 | 0.0 |
| 27.5° | 1588.4 | 1243.0 | 904.3 | 569.5 | 279.2 | 79.8 | 0.0 |
| 25° | 1638.4 | 1279.6 | 934.8 | 590.3 | 288.7 | 81.6 | 0.0 |
| 22.5° | 1683.9 | 1312.8 | 962.6 | 609.1 | 297.3 | 83.1 | 0.0 |
| 20° | 1725.0 | 1342.8 | 987.6 | 626.1 | 305.0 | 84.6 | 0.0 |
| 17.5° | 1761.4 | 1369.4 | 1009.8 | 641.2 | 311.9 | 85.8 | 0.0 |
| 15° | 1793.2 | 1392.6 | 1029.1 | 654.3 | 317.9 | 86.9 | 0.0 |
| 12.5° | 1820.1 | 1412.3 | 1045.5 | 665.4 | 323.0 | 87.9 | 0.0 |
| 10° | 1842.3 | 1428.4 | 1059.0 | 674.6 | 327.1 | 88.6 | 0.0 |
| 7.5° | 1859.6 | 1441.0 | 1069.5 | 681.7 | 330.4 | 89.2 | 0.0 |
| 5° | 1872.0 | 1450.1 | 1077.1 | 686.8 | 332.7 | 89.7 | 0.0 |
| 2.5° | 1879.4 | 1455.5 | 1081.6 | 689.9 | 334.1 | 89.9 | 0.0 |
| 0° | 1881.9 | 1457.3 | 1083.1 | 690.9 | 334.6 | 90.0 | 0.0 |
| -2.5° | 1879.4 | 1455.5 | 1081.6 | 689.9 | 334.1 | 89.9 | 0.0 |
| -5° | 1872.0 | 1450.1 | 1077.1 | 686.8 | 332.7 | 89.7 | 0.0 |
| -7.5° | 1859.6 | 1441.0 | 1069.5 | 681.7 | 330.4 | 89.2 | 0.0 |
| -10° | 1842.3 | 1428.4 | 1059.0 | 674.6 | 327.1 | 88.6 | 0.0 |
| -12.5° | 1820.1 | 1412.3 | 1045.5 | 665.4 | 323.0 | 87.9 | 0.0 |
| -15° | 1793.2 | 1392.6 | 1029.1 | 654.3 | 317.9 | 86.9 | 0.0 |
| -17.5° | 1761.4 | 1369.4 | 1009.8 | 641.2 | 311.9 | 85.8 | 0.0 |
| -20° | 1725.0 | 1342.8 | 987.6 | 626.1 | 305.0 | 84.6 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|--------|-------|-------|-------|-------|-----|
| -22.5° | 1683.9 | 1312.8 | 962.6 | 609.1 | 297.3 | 83.1 | 0.0 |
| -25° | 1638.4 | 1279.6 | 934.8 | 590.3 | 288.7 | 81.6 | 0.0 |
| -27.5° | 1588.4 | 1243.0 | 904.3 | 569.5 | 279.2 | 79.8 | 0.0 |
| -30° | 1534.2 | 1203.4 | 871.2 | 547.0 | 268.9 | 77.9 | 0.0 |
| -32.5° | 1475.7 | 1160.6 | 835.5 | 522.8 | 257.8 | 75.9 | 0.0 |
| -35° | 1418.4 | 1114.9 | 797.2 | 496.8 | 246.0 | 73.7 | 0.0 |
| -37.5° | 1359.9 | 1065.4 | 756.6 | 469.1 | 233.3 | 71.4 | 0.0 |
| -40° | 1298.0 | 1011.5 | 713.5 | 439.9 | 220.0 | 68.9 | 0.0 |
| -42.5° | 1232.9 | 954.8 | 670.3 | 409.0 | 205.9 | 66.3 | 0.0 |
| -45° | 1164.7 | 895.4 | 627.2 | 376.7 | 191.1 | 63.6 | 0.0 |
| -47.5° | 1093.6 | 833.4 | 582.2 | 343.0 | 175.7 | 60.8 | 0.0 |
| -50° | 1016.7 | 768.9 | 535.4 | 316.3 | 159.6 | 57.8 | 0.0 |
| -52.5° | 936.5 | 702.1 | 486.8 | 291.3 | 143.0 | 54.8 | 0.0 |
| -55° | 853.6 | 638.4 | 436.7 | 265.5 | 125.8 | 51.6 | 0.0 |
| -57.5° | 768.3 | 573.8 | 385.0 | 238.9 | 108.0 | 48.3 | 0.0 |
| -60° | 681.7 | 507.4 | 332.7 | 211.5 | 89.9 | 45.0 | 0.0 |
| -62.5° | 600.2 | 439.5 | 295.4 | 183.5 | 83.0 | 41.5 | 0.0 |
| -65° | 517.0 | 370.0 | 257.2 | 154.8 | 76.0 | 38.0 | 0.0 |
| -67.5° | 432.1 | 310.3 | 218.2 | 125.5 | 68.8 | 34.4 | 0.0 |
| -70° | 345.8 | 260.8 | 178.5 | 95.7 | 61.5 | 30.8 | 0.0 |
| -72.5° | 282.1 | 210.5 | 138.3 | 81.0 | 54.1 | 27.1 | 0.0 |
| -75° | 221.2 | 159.6 | 97.4 | 69.7 | 46.5 | 23.3 | 0.0 |
| -77.5° | 159.6 | 108.1 | 77.5 | 58.3 | 38.9 | 19.5 | 0.0 |
| -80° | 97.4 | 77.5 | 62.2 | 46.8 | 31.2 | 15.6 | 0.0 |
| -82.5° | 69.7 | 58.3 | 46.8 | 35.1 | 23.5 | 11.7 | 0.0 |
| -85° | 46.5 | 38.9 | 31.2 | 23.5 | 15.7 | 7.8 | 0.0 |
| -87.5° | 23.3 | 19.5 | 15.6 | 11.7 | 7.8 | 3.9 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)