

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: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

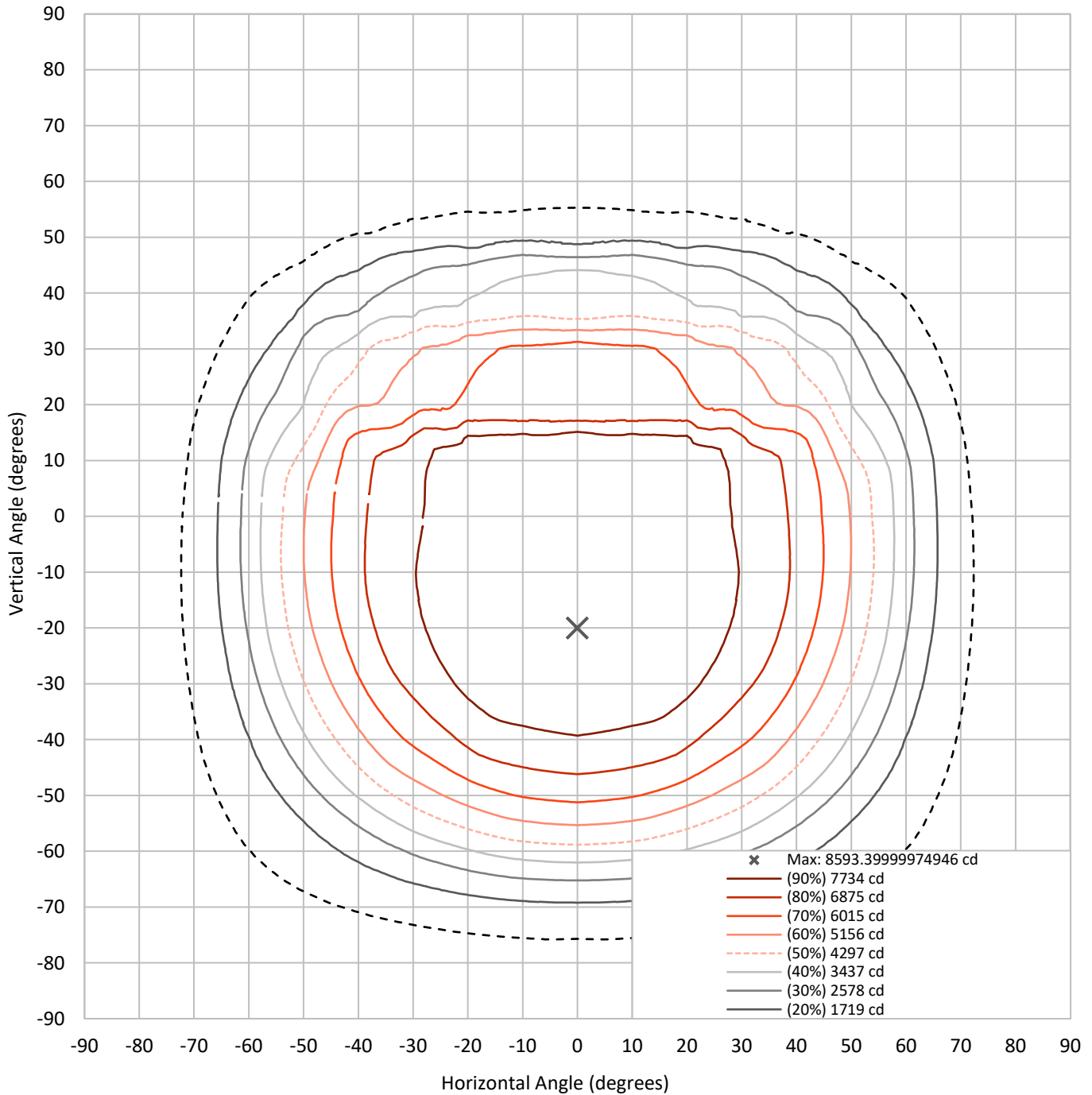
| | | | |
|-----------------------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 20149.7 lumens | Max Intensity: | 8593.4 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x -20°V |
| Efficacy: | 105.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 105.6°H x 93.7°V | Field Angle (10%): | 144°H x 131.2°V |
| Beam Lumens: | 15751.8 lumens | Field Lumens: | 19749.6 lumens |
| Beam Efficiency: | 78.2% | Field Efficiency: | 98.0% |
| Input Watts (W): | 190.6 | | |
| 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-SA6B-735-U-LAM-VSR-XX

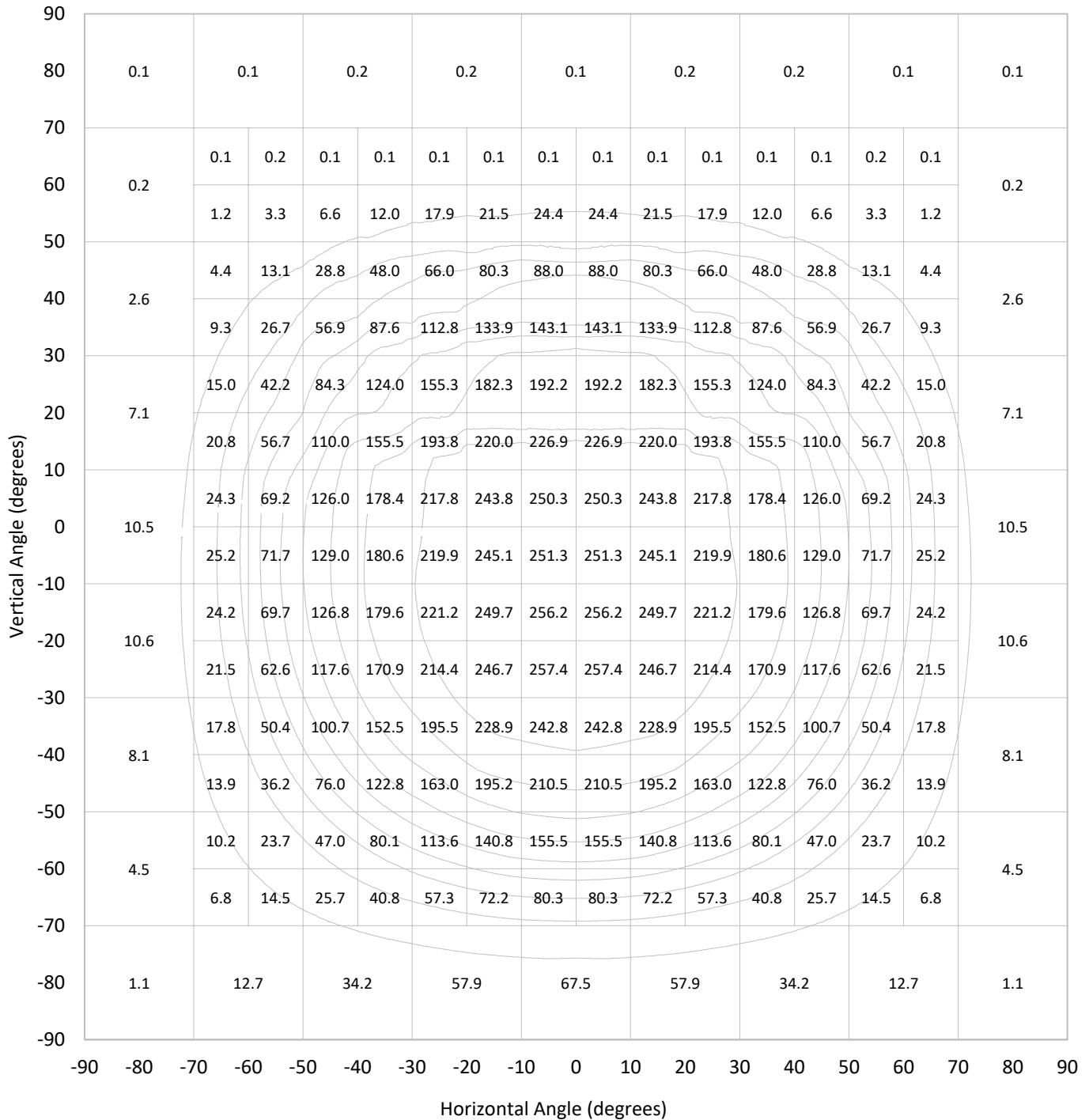
Iso-Candela Plot





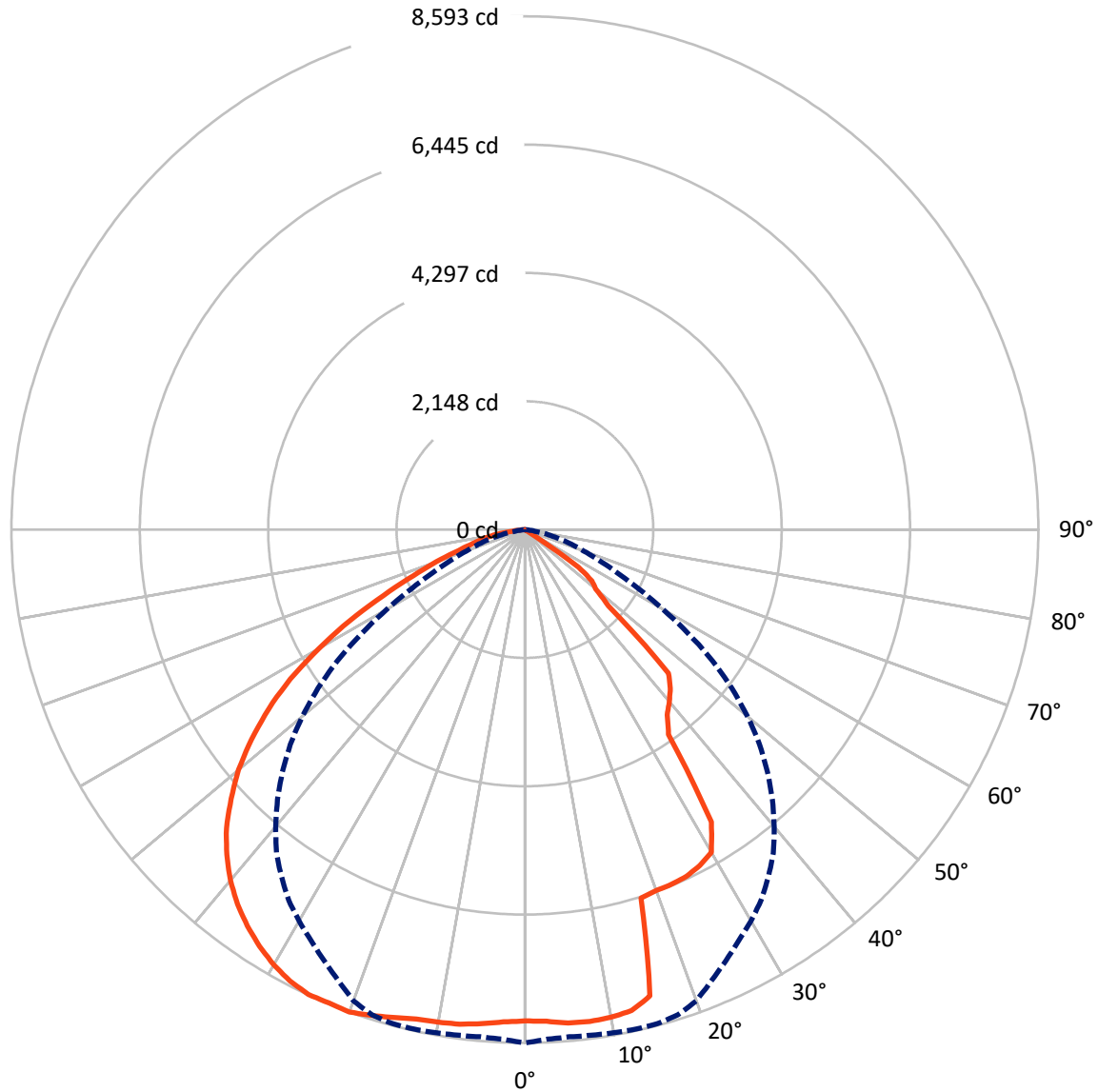
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 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-XX

Lumen Table



REPORT NUMBER: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

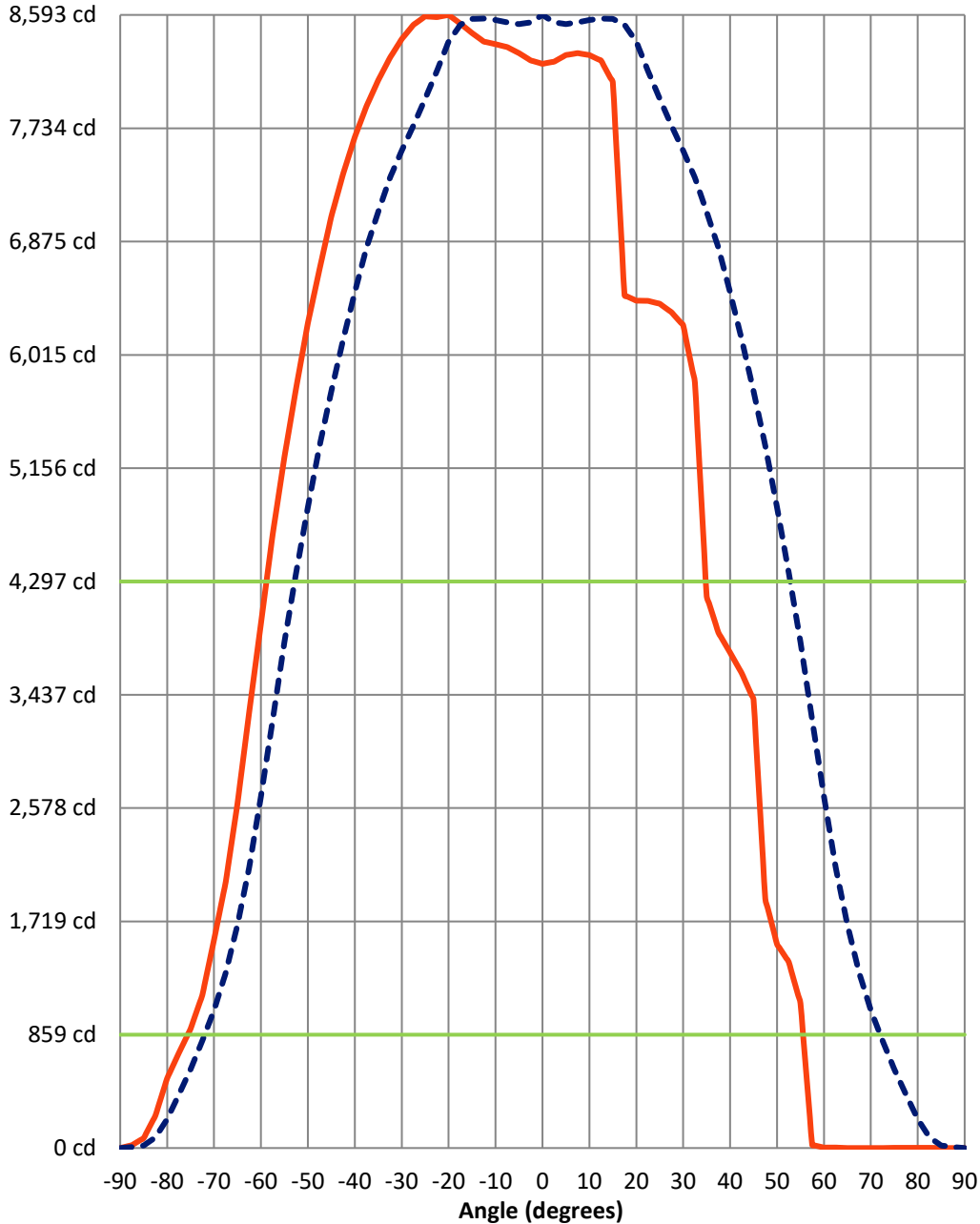


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 15751.8
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 19749.6
 Efficiency: 98.0%

Spill:
 Lumens: 400.1
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-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 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 |
| 85° | 0.0 | 0.4 | 0.6 | 1.0 | 1.3 | 1.6 | 1.9 | 1.9 | 1.9 | 1.8 | 1.5 |
| 82.5° | 0.0 | 0.6 | 1.0 | 1.4 | 1.9 | 2.4 | 2.9 | 2.9 | 2.8 | 2.3 | 1.8 |
| 80° | 0.0 | 0.8 | 1.3 | 1.9 | 2.6 | 3.2 | 3.7 | 3.3 | 2.8 | 2.3 | 1.9 |
| 77.5° | 0.0 | 1.0 | 1.6 | 2.4 | 3.2 | 3.7 | 3.7 | 3.3 | 2.8 | 2.4 | 1.9 |
| 75° | 0.0 | 1.2 | 1.9 | 2.9 | 3.7 | 3.8 | 3.7 | 3.3 | 2.9 | 2.4 | 1.9 |
| 72.5° | 0.0 | 1.4 | 2.3 | 3.3 | 3.9 | 4.0 | 3.8 | 3.4 | 2.9 | 2.5 | 2.0 |
| 70° | 0.0 | 1.6 | 2.6 | 3.7 | 4.1 | 4.1 | 3.9 | 3.4 | 3.0 | 2.5 | 2.9 |
| 67.5° | 0.0 | 1.8 | 2.9 | 3.9 | 4.2 | 4.3 | 4.3 | 3.5 | 3.1 | 4.1 | 4.2 |
| 65° | 0.0 | 2.0 | 3.3 | 4.1 | 4.4 | 4.9 | 5.0 | 3.5 | 4.9 | 5.7 | 7.2 |
| 62.5° | 0.0 | 2.2 | 3.6 | 4.3 | 4.6 | 6.1 | 5.8 | 4.9 | 6.8 | 10.1 | 16.0 |
| 60° | 0.0 | 2.4 | 3.9 | 4.5 | 4.8 | 7.4 | 6.8 | 6.9 | 8.8 | 25.5 | 27.8 |
| 57.5° | 0.0 | 2.5 | 4.1 | 4.6 | 6.2 | 8.8 | 12.6 | 9.8 | 24.9 | 43.3 | 50.3 |
| 55° | 0.0 | 2.7 | 4.3 | 4.8 | 7.8 | 10.4 | 20.0 | 15.8 | 46.3 | 66.8 | 81.4 |
| 52.5° | 0.0 | 2.9 | 4.5 | 5.0 | 9.4 | 13.4 | 28.7 | 40.2 | 69.5 | 104.8 | 118.1 |
| 50° | 0.0 | 3.1 | 4.8 | 5.2 | 11.1 | 22.8 | 38.7 | 67.9 | 99.4 | 147.1 | 184.4 |
| 47.5° | 0.0 | 3.3 | 5.0 | 5.7 | 12.8 | 32.9 | 52.1 | 97.0 | 143.1 | 193.7 | 252.3 |
| 45° | 0.0 | 3.4 | 5.2 | 7.1 | 14.6 | 43.8 | 78.5 | 127.4 | 192.1 | 252.5 | 318.1 |
| 42.5° | 0.0 | 3.6 | 5.4 | 8.5 | 16.5 | 55.3 | 105.6 | 165.9 | 242.0 | 309.7 | 394.0 |
| 40° | 0.0 | 3.8 | 5.7 | 10.3 | 22.3 | 67.6 | 133.4 | 209.8 | 293.4 | 365.8 | 475.3 |
| 37.5° | 0.0 | 3.9 | 5.9 | 12.5 | 31.8 | 80.4 | 161.6 | 253.7 | 347.3 | 433.3 | 560.1 |
| 35° | 0.0 | 4.1 | 6.1 | 15.0 | 41.6 | 99.9 | 190.3 | 297.7 | 402.0 | 516.1 | 660.4 |
| 32.5° | 0.0 | 4.2 | 6.4 | 17.7 | 51.4 | 122.5 | 221.4 | 341.4 | 457.4 | 599.5 | 782.4 |
| 30° | 0.0 | 4.4 | 6.6 | 20.6 | 61.3 | 145.0 | 257.0 | 385.6 | 513.3 | 683.0 | 899.5 |
| 27.5° | 0.0 | 4.5 | 6.8 | 23.7 | 73.6 | 167.2 | 291.8 | 431.7 | 574.7 | 766.4 | 1011.3 |
| 25° | 0.0 | 4.6 | 7.1 | 26.9 | 86.1 | 189.0 | 325.8 | 477.2 | 644.0 | 857.5 | 1117.9 |
| 22.5° | 0.0 | 4.8 | 7.3 | 30.3 | 98.6 | 211.2 | 358.9 | 522.0 | 711.9 | 948.5 | 1225.9 |
| 20° | 0.0 | 4.9 | 7.6 | 33.8 | 111.0 | 235.1 | 390.8 | 565.8 | 778.1 | 1034.4 | 1331.2 |
| 17.5° | 0.0 | 5.0 | 7.8 | 37.4 | 123.2 | 258.2 | 422.4 | 608.4 | 842.2 | 1115.0 | 1433.2 |
| 15° | 0.0 | 5.1 | 8.0 | 41.0 | 135.1 | 280.4 | 452.7 | 647.9 | 903.7 | 1190.2 | 1531.2 |
| 12.5° | 0.0 | 5.2 | 8.2 | 44.5 | 146.6 | 301.6 | 481.1 | 683.2 | 952.8 | 1259.8 | 1624.5 |
| 10° | 0.0 | 5.3 | 8.5 | 48.0 | 157.6 | 321.6 | 507.4 | 715.7 | 989.5 | 1301.6 | 1700.5 |
| 7.5° | 0.0 | 5.3 | 8.7 | 51.4 | 168.0 | 340.3 | 531.6 | 745.4 | 1020.6 | 1333.9 | 1744.8 |
| 5° | 0.0 | 5.4 | 8.8 | 54.7 | 177.7 | 357.5 | 553.6 | 772.1 | 1046.6 | 1360.0 | 1780.8 |
| 2.5° | 0.0 | 5.5 | 9.0 | 57.7 | 186.6 | 373.2 | 573.3 | 795.8 | 1067.8 | 1380.1 | 1808.4 |
| 0° | 0.0 | 5.5 | 9.2 | 60.5 | 194.5 | 387.1 | 590.7 | 816.4 | 1084.3 | 1394.3 | 1827.3 |
| -2.5° | 0.0 | 5.8 | 10.6 | 64.5 | 201.9 | 395.9 | 599.4 | 828.4 | 1090.2 | 1412.3 | 1839.6 |
| -5° | 0.0 | 6.1 | 12.0 | 68.1 | 208.2 | 402.9 | 605.7 | 837.2 | 1092.3 | 1424.0 | 1843.5 |
| -7.5° | 0.0 | 6.4 | 13.4 | 71.3 | 213.3 | 408.0 | 609.7 | 842.7 | 1090.8 | 1428.7 | 1839.4 |
| -10° | 0.0 | 6.7 | 14.7 | 74.1 | 217.2 | 411.1 | 611.6 | 844.8 | 1086.1 | 1425.9 | 1827.7 |
| -12.5° | 0.0 | 6.9 | 16.0 | 76.5 | 219.8 | 412.4 | 611.2 | 843.4 | 1078.6 | 1414.4 | 1807.7 |
| -15° | 0.0 | 7.2 | 17.2 | 78.4 | 221.1 | 411.9 | 608.8 | 838.4 | 1070.0 | 1392.0 | 1778.6 |
| -17.5° | 0.0 | 7.4 | 18.3 | 79.8 | 220.9 | 409.4 | 604.4 | 828.3 | 1059.6 | 1364.0 | 1740.7 |
| -20° | 0.0 | 7.5 | 19.3 | 80.6 | 219.3 | 405.0 | 597.5 | 813.9 | 1044.8 | 1330.6 | 1694.0 |

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CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|--------|--------|--------|
| -22.5° | 0.0 | 7.7 | 20.2 | 80.8 | 216.2 | 398.9 | 587.5 | 796.6 | 1025.5 | 1292.1 | 1638.5 |
| -25° | 0.0 | 7.8 | 21.0 | 80.5 | 211.6 | 389.3 | 575.2 | 776.4 | 1001.7 | 1248.7 | 1574.3 |
| -27.5° | 0.0 | 7.9 | 21.7 | 79.5 | 205.4 | 377.3 | 560.6 | 753.6 | 973.2 | 1206.7 | 1517.4 |
| -30° | 0.0 | 7.9 | 22.3 | 77.8 | 197.7 | 363.7 | 543.7 | 728.1 | 942.2 | 1171.2 | 1456.6 |
| -32.5° | 0.0 | 8.0 | 22.7 | 75.6 | 188.7 | 348.5 | 524.5 | 704.5 | 909.3 | 1130.2 | 1391.7 |
| -35° | 0.0 | 8.0 | 23.0 | 72.6 | 178.7 | 331.7 | 503.8 | 679.7 | 873.7 | 1083.7 | 1322.7 |
| -37.5° | 0.0 | 7.9 | 23.2 | 69.0 | 167.7 | 314.8 | 481.5 | 652.3 | 835.5 | 1031.7 | 1254.6 |
| -40° | 0.0 | 7.8 | 23.2 | 64.7 | 155.7 | 299.5 | 457.5 | 622.3 | 794.9 | 982.7 | 1187.4 |
| -42.5° | 0.0 | 7.7 | 23.1 | 60.0 | 146.6 | 283.2 | 431.8 | 589.7 | 755.7 | 930.8 | 1115.0 |
| -45° | 0.0 | 7.6 | 22.8 | 55.3 | 140.4 | 265.7 | 404.5 | 556.1 | 715.6 | 875.6 | 1040.0 |
| -47.5° | 0.0 | 7.4 | 22.4 | 50.0 | 133.1 | 247.3 | 375.7 | 522.4 | 672.6 | 817.5 | 975.1 |
| -50° | 0.0 | 7.2 | 21.8 | 48.2 | 124.7 | 227.9 | 351.5 | 487.0 | 625.0 | 764.3 | 907.1 |
| -52.5° | 0.0 | 6.9 | 21.1 | 47.2 | 115.2 | 207.5 | 327.4 | 450.1 | 579.6 | 709.5 | 837.4 |
| -55° | 0.0 | 6.6 | 20.3 | 45.8 | 104.6 | 192.2 | 302.3 | 412.7 | 534.0 | 653.2 | 775.6 |
| -57.5° | 0.0 | 6.3 | 19.3 | 43.8 | 93.1 | 176.5 | 276.3 | 383.1 | 486.7 | 599.2 | 712.3 |
| -60° | 0.0 | 5.9 | 18.2 | 41.3 | 81.0 | 159.5 | 249.9 | 350.3 | 439.5 | 544.6 | 649.1 |
| -62.5° | 0.0 | 5.5 | 17.1 | 38.4 | 75.2 | 141.1 | 225.8 | 314.6 | 395.9 | 488.6 | 587.2 |
| -65° | 0.0 | 5.1 | 15.9 | 35.0 | 68.7 | 121.4 | 199.9 | 277.5 | 349.6 | 432.4 | 523.9 |
| -67.5° | 0.0 | 4.7 | 14.6 | 31.2 | 61.4 | 104.9 | 172.5 | 240.8 | 300.9 | 373.7 | 455.5 |
| -70° | 0.0 | 4.2 | 13.2 | 27.1 | 53.4 | 91.8 | 143.5 | 203.1 | 257.2 | 312.3 | 382.7 |
| -72.5° | 0.0 | 3.8 | 11.7 | 23.9 | 44.8 | 77.7 | 121.4 | 164.7 | 212.7 | 261.5 | 310.8 |
| -75° | 0.0 | 3.3 | 10.2 | 20.7 | 35.6 | 62.8 | 99.2 | 132.7 | 167.4 | 209.9 | 253.0 |
| -77.5° | 0.0 | 2.7 | 8.6 | 17.5 | 29.4 | 47.1 | 76.0 | 102.5 | 130.2 | 160.1 | 194.2 |
| -80° | 0.0 | 2.2 | 6.9 | 14.1 | 23.8 | 35.9 | 51.8 | 71.9 | 93.2 | 116.4 | 141.3 |
| -82.5° | 0.0 | 1.7 | 5.2 | 10.7 | 18.0 | 27.1 | 38.1 | 46.1 | 55.7 | 72.0 | 89.7 |
| -85° | 0.0 | 1.1 | 3.5 | 7.2 | 12.1 | 18.2 | 25.5 | 30.8 | 36.3 | 42.0 | 48.0 |
| -87.5° | 0.0 | 0.6 | 1.8 | 3.6 | 6.0 | 9.1 | 12.8 | 15.4 | 18.2 | 21.1 | 24.0 |
| -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: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-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° | 0.8 | 0.9 | 1.0 | 1.0 | 1.1 | 1.2 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 |
| 85° | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 82.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 80° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 77.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 75° | 1.8 | 1.8 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 72.5° | 2.1 | 2.3 | 2.3 | 2.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 70° | 2.9 | 3.0 | 2.6 | 2.1 | 1.8 | 1.9 | 2.1 | 2.0 | 1.8 | 1.8 | 1.8 |
| 67.5° | 3.6 | 3.1 | 2.7 | 2.5 | 2.5 | 2.8 | 2.7 | 2.2 | 1.8 | 1.8 | 1.9 |
| 65° | 3.7 | 3.2 | 4.6 | 5.2 | 3.9 | 3.3 | 2.8 | 2.3 | 2.5 | 2.6 | 2.6 |
| 62.5° | 5.5 | 6.9 | 8.8 | 15.5 | 11.6 | 3.4 | 6.1 | 7.1 | 5.3 | 4.4 | 4.6 |
| 60° | 17.9 | 12.2 | 36.2 | 51.8 | 32.4 | 11.8 | 14.4 | 47.9 | 41.5 | 7.6 | 25.9 |
| 57.5° | 37.7 | 51.7 | 95.2 | 96.9 | 67.0 | 46.2 | 134.6 | 155.4 | 117.6 | 68.7 | 105.0 |
| 55° | 82.9 | 127.5 | 157.9 | 146.1 | 159.6 | 241.7 | 287.2 | 258.0 | 217.3 | 334.2 | 426.9 |
| 52.5° | 162.0 | 207.5 | 217.7 | 250.0 | 357.9 | 411.2 | 394.1 | 421.4 | 546.5 | 678.7 | 707.4 |
| 50° | 239.2 | 276.3 | 305.3 | 441.4 | 525.9 | 531.2 | 570.4 | 694.3 | 861.1 | 942.1 | 922.5 |
| 47.5° | 313.8 | 352.3 | 487.1 | 617.9 | 655.9 | 707.8 | 805.8 | 1045.0 | 1221.7 | 1225.2 | 1205.2 |
| 45° | 392.7 | 495.4 | 667.6 | 752.9 | 814.4 | 914.9 | 1151.5 | 1481.5 | 1498.6 | 1546.5 | 1841.3 |
| 42.5° | 477.1 | 657.1 | 807.3 | 896.1 | 995.4 | 1182.9 | 1498.7 | 1715.2 | 1789.6 | 1999.4 | 2236.6 |
| 40° | 613.7 | 813.3 | 944.5 | 1057.9 | 1185.7 | 1459.2 | 1805.2 | 2007.9 | 2068.4 | 2250.1 | 2428.3 |
| 37.5° | 752.3 | 943.7 | 1090.8 | 1227.6 | 1404.7 | 1773.9 | 2174.1 | 2341.3 | 2371.9 | 2405.1 | 2800.1 |
| 35° | 885.9 | 1077.5 | 1253.5 | 1432.6 | 1649.7 | 2181.3 | 2531.0 | 2688.2 | 2683.4 | 2907.6 | 3321.2 |
| 32.5° | 1010.7 | 1214.2 | 1422.0 | 1661.5 | 2019.8 | 2564.3 | 2914.2 | 3008.4 | 3151.2 | 3477.4 | 4042.0 |
| 30° | 1135.4 | 1366.8 | 1605.3 | 1890.6 | 2344.6 | 2816.5 | 3216.0 | 3367.5 | 3612.1 | 3984.5 | 4395.4 |
| 27.5° | 1263.8 | 1523.1 | 1811.6 | 2145.9 | 2600.9 | 3034.7 | 3375.9 | 3737.8 | 3975.6 | 4309.3 | 4601.6 |
| 25° | 1391.6 | 1688.7 | 2015.3 | 2369.1 | 2784.1 | 3188.4 | 3541.3 | 3959.3 | 4214.6 | 4483.6 | 4756.3 |
| 22.5° | 1525.7 | 1856.5 | 2225.4 | 2546.0 | 2938.5 | 3319.1 | 3739.2 | 4192.6 | 4524.5 | 4695.5 | 4878.5 |
| 20° | 1665.9 | 2038.1 | 2431.5 | 2786.7 | 3091.0 | 3440.5 | 3937.9 | 4488.7 | 4917.2 | 5109.6 | 5134.7 |
| 17.5° | 1804.1 | 2214.1 | 2637.0 | 3021.6 | 3349.8 | 3660.8 | 4146.5 | 4843.6 | 5376.4 | 5555.3 | 5634.8 |
| 15° | 1938.8 | 2383.3 | 2841.5 | 3250.2 | 3610.4 | 3990.8 | 4509.4 | 5218.3 | 5827.4 | 6025.3 | 6150.5 |
| 12.5° | 2068.9 | 2544.7 | 3042.6 | 3471.2 | 3871.3 | 4297.9 | 4839.0 | 5487.9 | 6043.9 | 6426.8 | 6656.4 |
| 10° | 2192.8 | 2697.1 | 3237.8 | 3683.3 | 4129.1 | 4582.8 | 5111.7 | 5688.8 | 6141.4 | 6510.6 | 6836.6 |
| 7.5° | 2255.3 | 2796.7 | 3405.5 | 3885.2 | 4380.5 | 4846.1 | 5335.0 | 5830.3 | 6211.6 | 6573.7 | 6888.9 |
| 5° | 2297.8 | 2837.6 | 3457.9 | 3955.6 | 4514.1 | 5021.7 | 5496.4 | 5923.4 | 6257.4 | 6616.3 | 6924.2 |
| 2.5° | 2328.2 | 2864.1 | 3493.4 | 3994.1 | 4564.3 | 5075.7 | 5542.9 | 5954.5 | 6295.2 | 6646.8 | 6962.1 |
| 0° | 2346.5 | 2876.7 | 3511.5 | 4017.8 | 4595.7 | 5111.2 | 5569.9 | 5966.2 | 6320.3 | 6661.5 | 7000.9 |
| -2.5° | 2356.9 | 2915.2 | 3523.5 | 4078.7 | 4626.1 | 5141.8 | 5607.7 | 5994.5 | 6364.5 | 6689.2 | 7029.5 |
| -5° | 2355.6 | 2938.2 | 3520.4 | 4119.6 | 4640.6 | 5153.8 | 5626.6 | 6007.4 | 6388.5 | 6710.0 | 7041.1 |
| -7.5° | 2342.8 | 2943.5 | 3504.5 | 4132.5 | 4641.2 | 5149.7 | 5618.3 | 6013.5 | 6388.2 | 6729.0 | 7042.2 |
| -10° | 2320.0 | 2922.7 | 3489.8 | 4099.3 | 4623.4 | 5128.9 | 5592.9 | 6000.0 | 6373.2 | 6725.2 | 7036.1 |
| -12.5° | 2293.1 | 2879.8 | 3459.2 | 4051.6 | 4587.2 | 5089.9 | 5554.4 | 5965.6 | 6345.3 | 6696.4 | 7022.1 |
| -15° | 2252.7 | 2822.7 | 3409.0 | 3990.9 | 4532.2 | 5033.1 | 5504.4 | 5909.5 | 6302.3 | 6646.1 | 6980.4 |
| -17.5° | 2198.5 | 2752.0 | 3338.2 | 3918.9 | 4458.0 | 4959.0 | 5440.3 | 5835.5 | 6226.4 | 6581.7 | 6904.3 |
| -20° | 2130.1 | 2668.2 | 3246.4 | 3837.1 | 4363.8 | 4859.6 | 5325.8 | 5739.7 | 6128.0 | 6489.5 | 6828.5 |



REPORT NUMBER: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2047.5 | 2571.9 | 3135.7 | 3726.8 | 4246.3 | 4736.5 | 5197.1 | 5617.7 | 6020.1 | 6369.6 | 6730.9 |
| -25° | 1964.8 | 2470.1 | 3013.4 | 3574.0 | 4109.8 | 4597.9 | 5059.9 | 5469.7 | 5880.9 | 6244.5 | 6587.7 |
| -27.5° | 1885.5 | 2352.0 | 2871.5 | 3405.8 | 3955.1 | 4441.0 | 4898.8 | 5308.8 | 5708.0 | 6105.6 | 6436.0 |
| -30° | 1796.5 | 2215.4 | 2715.9 | 3226.3 | 3761.8 | 4256.4 | 4717.7 | 5143.1 | 5523.0 | 5915.6 | 6270.3 |
| -32.5° | 1698.4 | 2070.5 | 2551.6 | 3042.6 | 3547.5 | 4053.0 | 4510.0 | 4932.6 | 5327.9 | 5699.1 | 6071.6 |
| -35° | 1602.4 | 1953.5 | 2377.4 | 2845.3 | 3320.5 | 3816.4 | 4273.7 | 4692.3 | 5102.4 | 5470.2 | 5826.1 |
| -37.5° | 1516.1 | 1826.7 | 2192.3 | 2639.3 | 3093.4 | 3562.5 | 4027.6 | 4432.7 | 4823.0 | 5227.4 | 5574.4 |
| -40° | 1422.6 | 1690.7 | 2032.0 | 2427.1 | 2855.0 | 3301.2 | 3746.5 | 4165.6 | 4532.5 | 4932.2 | 5313.8 |
| -42.5° | 1324.8 | 1579.9 | 1873.9 | 2202.4 | 2606.4 | 3027.1 | 3457.0 | 3866.9 | 4248.0 | 4625.0 | 5003.2 |
| -45° | 1239.1 | 1462.5 | 1713.0 | 2013.2 | 2342.1 | 2737.7 | 3144.7 | 3553.4 | 3919.1 | 4278.3 | 4651.9 |
| -47.5° | 1148.0 | 1344.6 | 1576.2 | 1816.0 | 2101.9 | 2432.7 | 2815.4 | 3192.4 | 3566.7 | 3908.5 | 4239.0 |
| -50° | 1057.3 | 1238.5 | 1428.8 | 1644.6 | 1880.6 | 2148.7 | 2466.6 | 2817.0 | 3158.9 | 3509.8 | 3837.2 |
| -52.5° | 979.1 | 1126.8 | 1298.8 | 1478.9 | 1680.9 | 1902.7 | 2157.5 | 2445.3 | 2756.2 | 3054.0 | 3380.7 |
| -55° | 897.9 | 1031.1 | 1169.9 | 1328.5 | 1496.5 | 1683.8 | 1892.6 | 2134.5 | 2371.8 | 2647.2 | 2913.9 |
| -57.5° | 823.9 | 936.2 | 1054.6 | 1185.5 | 1331.5 | 1481.3 | 1663.8 | 1852.0 | 2067.3 | 2281.4 | 2492.6 |
| -60° | 754.1 | 845.9 | 946.3 | 1057.2 | 1174.5 | 1307.9 | 1444.1 | 1605.7 | 1779.1 | 1950.0 | 2129.1 |
| -62.5° | 683.7 | 760.9 | 842.8 | 934.9 | 1037.2 | 1138.0 | 1254.3 | 1378.8 | 1506.4 | 1651.2 | 1792.5 |
| -65° | 611.4 | 673.8 | 743.2 | 819.6 | 901.3 | 987.1 | 1076.4 | 1168.7 | 1277.2 | 1383.3 | 1486.0 |
| -67.5° | 534.6 | 588.0 | 644.1 | 704.3 | 772.8 | 840.2 | 907.5 | 985.3 | 1065.2 | 1143.8 | 1225.2 |
| -70° | 449.4 | 499.8 | 546.6 | 595.4 | 646.2 | 699.0 | 756.5 | 813.6 | 870.0 | 928.9 | 994.2 |
| -72.5° | 362.9 | 409.2 | 450.4 | 486.4 | 528.2 | 572.0 | 614.0 | 654.1 | 696.6 | 741.3 | 785.6 |
| -75° | 289.4 | 320.0 | 356.8 | 390.4 | 423.6 | 454.5 | 482.2 | 516.2 | 551.7 | 584.2 | 610.9 |
| -77.5° | 225.9 | 253.7 | 278.8 | 301.3 | 327.8 | 358.8 | 385.8 | 408.9 | 431.5 | 456.1 | 482.1 |
| -80° | 164.3 | 187.4 | 210.3 | 231.2 | 246.4 | 263.9 | 284.6 | 308.2 | 328.8 | 345.5 | 360.7 |
| -82.5° | 106.1 | 122.8 | 139.8 | 157.2 | 164.2 | 169.1 | 173.6 | 181.8 | 194.5 | 207.0 | 219.0 |
| -85° | 52.9 | 57.7 | 68.1 | 78.8 | 82.5 | 85.1 | 86.8 | 87.8 | 92.1 | 96.1 | 99.5 |
| -87.5° | 26.5 | 28.9 | 31.3 | 33.7 | 32.4 | 30.7 | 28.5 | 26.0 | 25.4 | 24.6 | 23.7 |
| -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: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-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° | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.3 | 0.8 | 0.4 | 0.0 | 0.0 | 0.0 |
| 85° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.3 | 0.9 |
| 82.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 80° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 77.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 75° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 72.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 70° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 67.5° | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.6 | 1.2 |
| 65° | 2.6 | 2.5 | 2.6 | 2.5 | 2.2 | 2.2 | 2.3 | 2.2 | 2.0 | 1.6 | 1.1 |
| 62.5° | 4.6 | 5.2 | 4.1 | 4.1 | 4.0 | 3.9 | 3.7 | 3.5 | 3.3 | 3.1 | 3.2 |
| 60° | 28.8 | 17.0 | 10.0 | 11.6 | 10.4 | 6.9 | 8.8 | 10.3 | 10.5 | 9.6 | 8.4 |
| 57.5° | 159.5 | 119.1 | 88.2 | 210.5 | 211.2 | 100.8 | 121.4 | 190.9 | 157.2 | 51.6 | 47.9 |
| 55° | 443.6 | 530.6 | 698.3 | 663.3 | 674.1 | 775.3 | 846.6 | 749.5 | 734.8 | 783.0 | 904.5 |
| 52.5° | 797.0 | 879.9 | 936.3 | 989.1 | 1053.4 | 1122.4 | 1193.5 | 1238.8 | 1281.1 | 1326.2 | 1353.0 |
| 50° | 1017.8 | 1134.6 | 1214.9 | 1185.3 | 1351.6 | 1419.6 | 1350.5 | 1412.3 | 1487.5 | 1508.2 | 1517.9 |
| 47.5° | 1502.8 | 1674.2 | 1708.2 | 1818.5 | 1917.7 | 1915.6 | 1831.4 | 1836.2 | 2060.4 | 2258.1 | 2355.3 |
| 45° | 2159.8 | 2165.6 | 2273.3 | 2468.2 | 2607.5 | 2563.7 | 2681.2 | 2948.5 | 3037.6 | 3123.6 | 3194.2 |
| 42.5° | 2415.7 | 2521.7 | 2693.6 | 2866.0 | 2969.9 | 3060.0 | 3147.0 | 3245.3 | 3360.8 | 3454.5 | 3529.4 |
| 40° | 2663.5 | 2748.9 | 2925.0 | 3063.8 | 3149.8 | 3234.0 | 3335.4 | 3444.2 | 3550.0 | 3632.3 | 3688.5 |
| 37.5° | 3044.9 | 3111.2 | 3154.0 | 3282.9 | 3445.6 | 3370.5 | 3563.0 | 3701.0 | 3764.1 | 3847.7 | 3855.2 |
| 35° | 3622.0 | 3577.9 | 3520.8 | 4033.7 | 4064.4 | 3891.2 | 4071.2 | 4285.1 | 4172.4 | 4407.2 | 4533.5 |
| 32.5° | 4133.6 | 4126.9 | 4574.6 | 4844.3 | 4689.2 | 4815.8 | 5230.7 | 5212.3 | 5488.9 | 5617.2 | 5580.6 |
| 30° | 4615.5 | 4779.9 | 5038.9 | 5239.7 | 5266.6 | 5466.2 | 5650.5 | 5811.9 | 5978.9 | 6128.6 | 6138.9 |
| 27.5° | 4860.2 | 5074.7 | 5250.6 | 5366.8 | 5496.4 | 5664.4 | 5831.6 | 6013.4 | 6155.4 | 6249.3 | 6272.2 |
| 25° | 5008.1 | 5227.4 | 5360.5 | 5485.6 | 5628.7 | 5773.7 | 5960.9 | 6158.8 | 6272.9 | 6330.9 | 6349.3 |
| 22.5° | 5138.7 | 5335.6 | 5478.7 | 5580.2 | 5734.3 | 5890.2 | 6064.8 | 6232.3 | 6356.3 | 6381.5 | 6390.8 |
| 20° | 5264.2 | 5453.5 | 5692.5 | 5841.9 | 5834.5 | 6010.1 | 6178.3 | 6311.6 | 6414.9 | 6414.4 | 6416.9 |
| 17.5° | 5627.6 | 5695.1 | 6128.8 | 6458.0 | 6295.0 | 6209.0 | 6671.6 | 6680.4 | 6707.9 | 6653.2 | 6534.8 |
| 15° | 6165.5 | 6288.6 | 6821.3 | 7178.2 | 7065.8 | 7059.9 | 7728.1 | 7562.4 | 7705.0 | 7667.6 | 7828.2 |
| 12.5° | 6735.4 | 6881.1 | 7279.1 | 7629.6 | 7796.6 | 7837.6 | 8060.8 | 8269.9 | 8312.9 | 8295.9 | 8264.4 |
| 10° | 7123.6 | 7331.1 | 7491.0 | 7703.7 | 7872.1 | 8043.9 | 8173.2 | 8323.4 | 8372.6 | 8344.2 | 8303.9 |
| 7.5° | 7174.2 | 7379.2 | 7566.9 | 7753.6 | 7914.0 | 8052.5 | 8186.6 | 8308.9 | 8358.9 | 8342.4 | 8314.8 |
| 5° | 7206.3 | 7392.1 | 7574.0 | 7763.4 | 7916.8 | 8045.1 | 8178.8 | 8302.6 | 8332.1 | 8312.3 | 8285.3 |
| 2.5° | 7226.1 | 7398.1 | 7573.4 | 7762.0 | 7901.4 | 8023.5 | 8158.8 | 8291.0 | 8290.7 | 8282.0 | 8266.3 |
| 0° | 7235.7 | 7408.2 | 7611.8 | 7782.4 | 7938.4 | 8054.0 | 8187.9 | 8316.3 | 8307.1 | 8283.3 | 8255.8 |
| -2.5° | 7256.4 | 7431.1 | 7638.9 | 7780.3 | 7956.1 | 8061.9 | 8200.4 | 8311.6 | 8307.4 | 8295.6 | 8282.0 |
| -5° | 7274.8 | 7471.3 | 7665.7 | 7814.4 | 7990.6 | 8129.0 | 8266.6 | 8353.6 | 8358.2 | 8341.9 | 8318.9 |
| -7.5° | 7286.0 | 7503.8 | 7689.3 | 7838.6 | 8009.5 | 8170.5 | 8310.1 | 8401.3 | 8403.3 | 8381.6 | 8354.2 |
| -10° | 7282.2 | 7512.2 | 7703.1 | 7857.4 | 8032.5 | 8191.4 | 8337.4 | 8453.1 | 8449.3 | 8428.6 | 8405.3 |
| -12.5° | 7268.4 | 7498.2 | 7694.2 | 7849.0 | 8047.8 | 8211.4 | 8375.6 | 8490.7 | 8496.8 | 8481.3 | 8456.0 |
| -15° | 7238.2 | 7475.4 | 7666.1 | 7835.2 | 8030.0 | 8221.3 | 8389.9 | 8516.9 | 8539.6 | 8526.8 | 8506.8 |
| -17.5° | 7178.5 | 7428.8 | 7631.0 | 7813.2 | 8000.1 | 8204.0 | 8395.8 | 8534.7 | 8565.7 | 8560.6 | 8544.0 |
| -20° | 7100.0 | 7358.3 | 7563.6 | 7754.5 | 7957.9 | 8168.0 | 8391.2 | 8518.1 | 8563.0 | 8565.9 | 8554.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 7011.9 | 7264.7 | 7482.5 | 7670.2 | 7890.8 | 8103.4 | 8305.6 | 8454.2 | 8529.7 | 8543.7 | 8544.7 |
| -25° | 6906.2 | 7166.0 | 7382.4 | 7582.3 | 7787.5 | 8007.1 | 8211.3 | 8377.3 | 8453.8 | 8490.3 | 8501.7 |
| -27.5° | 6756.9 | 7025.4 | 7238.5 | 7449.7 | 7658.4 | 7885.3 | 8099.9 | 8280.4 | 8342.5 | 8392.8 | 8412.9 |
| -30° | 6582.0 | 6847.6 | 7064.7 | 7257.9 | 7496.7 | 7727.9 | 7949.5 | 8106.9 | 8200.7 | 8258.2 | 8289.6 |
| -32.5° | 6381.0 | 6649.0 | 6876.9 | 7078.5 | 7305.6 | 7536.8 | 7745.2 | 7911.2 | 8040.6 | 8107.0 | 8140.6 |
| -35° | 6162.9 | 6436.6 | 6675.2 | 6887.6 | 7101.3 | 7321.7 | 7537.7 | 7711.3 | 7858.8 | 7915.7 | 7957.8 |
| -37.5° | 5899.8 | 6201.8 | 6446.4 | 6665.5 | 6868.5 | 7075.8 | 7300.6 | 7499.2 | 7642.4 | 7697.7 | 7742.0 |
| -40° | 5630.1 | 5921.9 | 6168.6 | 6402.3 | 6603.1 | 6829.3 | 7046.0 | 7254.1 | 7378.3 | 7442.8 | 7493.1 |
| -42.5° | 5345.4 | 5609.0 | 5843.6 | 6070.6 | 6294.2 | 6527.1 | 6743.6 | 6959.8 | 7067.3 | 7145.1 | 7206.7 |
| -45° | 5016.7 | 5262.0 | 5490.0 | 5702.4 | 5932.9 | 6161.9 | 6378.5 | 6569.6 | 6697.4 | 6798.7 | 6877.4 |
| -47.5° | 4578.5 | 4877.3 | 5106.2 | 5308.2 | 5536.7 | 5757.7 | 5967.6 | 6147.3 | 6287.5 | 6405.9 | 6497.3 |
| -50° | 4133.4 | 4420.2 | 4678.4 | 4905.4 | 5117.3 | 5321.6 | 5521.4 | 5697.2 | 5845.7 | 5974.0 | 6066.6 |
| -52.5° | 3695.1 | 3963.8 | 4220.0 | 4454.3 | 4658.1 | 4850.9 | 5033.7 | 5210.6 | 5367.1 | 5504.3 | 5593.9 |
| -55° | 3199.8 | 3478.2 | 3731.6 | 3950.2 | 4153.7 | 4344.4 | 4524.9 | 4692.6 | 4846.7 | 4986.4 | 5072.2 |
| -57.5° | 2735.3 | 2979.4 | 3215.2 | 3416.9 | 3609.1 | 3790.7 | 3961.8 | 4122.4 | 4270.7 | 4402.1 | 4484.9 |
| -60° | 2308.2 | 2486.2 | 2689.1 | 2875.4 | 3045.8 | 3200.3 | 3360.0 | 3509.6 | 3645.9 | 3761.4 | 3838.6 |
| -62.5° | 1930.7 | 2078.3 | 2224.8 | 2366.4 | 2504.6 | 2643.4 | 2777.1 | 2901.2 | 3015.0 | 3109.7 | 3177.3 |
| -65° | 1594.4 | 1712.9 | 1818.9 | 1919.3 | 2015.0 | 2124.5 | 2226.1 | 2321.7 | 2410.2 | 2482.8 | 2534.3 |
| -67.5° | 1312.8 | 1396.1 | 1469.4 | 1538.3 | 1613.8 | 1691.2 | 1763.7 | 1826.9 | 1880.9 | 1924.0 | 1957.9 |
| -70° | 1058.7 | 1120.0 | 1175.2 | 1230.2 | 1285.3 | 1335.6 | 1383.6 | 1430.1 | 1474.3 | 1510.3 | 1537.2 |
| -72.5° | 829.2 | 871.0 | 908.6 | 950.9 | 990.6 | 1028.7 | 1062.0 | 1088.8 | 1109.6 | 1129.9 | 1147.5 |
| -75° | 632.1 | 663.6 | 706.0 | 741.8 | 771.5 | 797.6 | 821.7 | 843.1 | 861.9 | 878.5 | 893.2 |
| -77.5° | 508.4 | 535.1 | 562.1 | 588.3 | 613.6 | 632.4 | 649.9 | 667.3 | 684.5 | 699.2 | 712.2 |
| -80° | 376.8 | 396.8 | 417.6 | 438.6 | 459.5 | 469.9 | 478.2 | 485.9 | 492.7 | 501.5 | 509.7 |
| -82.5° | 230.4 | 241.7 | 253.3 | 265.0 | 276.7 | 279.7 | 280.7 | 280.5 | 278.9 | 275.7 | 270.9 |
| -85° | 102.5 | 103.1 | 102.8 | 101.6 | 99.7 | 95.6 | 90.7 | 84.9 | 78.5 | 77.5 | 76.3 |
| -87.5° | 22.5 | 22.0 | 21.4 | 20.7 | 19.9 | 19.9 | 19.8 | 19.7 | 19.5 | 20.2 | 20.8 |
| -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: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| 85° | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.9 | 1.3 | 1.7 | 1.7 |
| 82.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 80° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 77.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 75° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 72.5° | 1.8 | 1.8 | 0.9 | 0.0 | 0.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 70° | 1.8 | 1.8 | 1.0 | 0.0 | 1.0 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 67.5° | 0.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.7 | 1.2 | 1.6 | 1.8 | 1.8 |
| 65° | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 1.1 | 1.6 | 2.0 | 2.2 |
| 62.5° | 3.4 | 3.5 | 3.7 | 3.7 | 3.7 | 3.5 | 3.4 | 3.2 | 3.1 | 3.3 | 3.5 |
| 60° | 6.6 | 4.4 | 3.7 | 3.7 | 3.7 | 4.4 | 6.6 | 8.4 | 9.6 | 10.5 | 10.3 |
| 57.5° | 40.5 | 30.2 | 25.7 | 23.9 | 25.7 | 30.2 | 40.5 | 47.9 | 51.6 | 157.2 | 190.9 |
| 55° | 991.5 | 1042.0 | 1079.7 | 1097.1 | 1079.7 | 1042.0 | 991.5 | 904.5 | 783.0 | 734.8 | 749.5 |
| 52.5° | 1376.6 | 1398.6 | 1411.2 | 1410.8 | 1411.2 | 1398.6 | 1376.6 | 1353.0 | 1326.2 | 1281.1 | 1238.8 |
| 50° | 1534.4 | 1545.1 | 1548.9 | 1546.6 | 1548.9 | 1545.1 | 1534.4 | 1517.9 | 1508.2 | 1487.5 | 1412.3 |
| 47.5° | 2266.6 | 2070.4 | 1926.2 | 1891.5 | 1926.2 | 2070.4 | 2266.6 | 2355.3 | 2258.1 | 2060.4 | 1836.2 |
| 45° | 3228.0 | 3302.4 | 3376.5 | 3399.5 | 3376.5 | 3302.4 | 3228.0 | 3194.2 | 3123.6 | 3037.6 | 2948.5 |
| 42.5° | 3561.0 | 3585.2 | 3598.9 | 3599.5 | 3598.9 | 3585.2 | 3561.0 | 3529.4 | 3454.5 | 3360.8 | 3245.3 |
| 40° | 3719.9 | 3742.8 | 3756.1 | 3757.3 | 3756.1 | 3742.8 | 3719.9 | 3688.5 | 3632.3 | 3550.0 | 3444.2 |
| 37.5° | 3864.3 | 3883.8 | 3896.6 | 3909.6 | 3896.6 | 3883.8 | 3864.3 | 3855.2 | 3847.7 | 3764.1 | 3701.0 |
| 35° | 4516.5 | 4368.7 | 4156.2 | 4188.4 | 4156.2 | 4368.7 | 4516.5 | 4533.5 | 4407.2 | 4172.4 | 4285.1 |
| 32.5° | 5637.8 | 5699.9 | 5738.7 | 5804.7 | 5738.7 | 5699.9 | 5637.8 | 5580.6 | 5617.2 | 5488.9 | 5212.3 |
| 30° | 6155.2 | 6175.8 | 6206.8 | 6239.5 | 6206.8 | 6175.8 | 6155.2 | 6138.9 | 6128.6 | 5978.9 | 5811.9 |
| 27.5° | 6284.4 | 6305.6 | 6324.5 | 6338.6 | 6324.5 | 6305.6 | 6284.4 | 6272.2 | 6249.3 | 6155.4 | 6013.4 |
| 25° | 6352.0 | 6365.2 | 6385.2 | 6402.8 | 6385.2 | 6365.2 | 6352.0 | 6349.3 | 6330.9 | 6272.9 | 6158.8 |
| 22.5° | 6385.5 | 6386.9 | 6402.6 | 6424.8 | 6402.6 | 6386.9 | 6385.5 | 6390.8 | 6381.5 | 6356.3 | 6232.3 |
| 20° | 6408.5 | 6396.0 | 6412.2 | 6426.7 | 6412.2 | 6396.0 | 6408.5 | 6416.9 | 6414.4 | 6414.9 | 6311.6 |
| 17.5° | 6701.8 | 6534.5 | 6465.7 | 6467.0 | 6465.7 | 6534.5 | 6701.8 | 6534.8 | 6653.2 | 6707.9 | 6680.4 |
| 15° | 7648.0 | 7710.8 | 7951.5 | 8081.5 | 7951.5 | 7710.8 | 7648.0 | 7828.2 | 7667.6 | 7705.0 | 7562.4 |
| 12.5° | 8258.6 | 8236.2 | 8207.7 | 8246.6 | 8207.7 | 8236.2 | 8258.6 | 8264.4 | 8295.9 | 8312.9 | 8269.9 |
| 10° | 8286.9 | 8284.3 | 8233.4 | 8288.8 | 8233.4 | 8284.3 | 8286.9 | 8303.9 | 8344.2 | 8372.6 | 8323.4 |
| 7.5° | 8269.5 | 8271.0 | 8249.4 | 8303.5 | 8249.4 | 8271.0 | 8269.5 | 8314.8 | 8342.4 | 8358.9 | 8308.9 |
| 5° | 8281.0 | 8243.7 | 8257.8 | 8288.8 | 8257.8 | 8243.7 | 8281.0 | 8285.3 | 8312.3 | 8332.1 | 8302.6 |
| 2.5° | 8248.9 | 8245.1 | 8217.6 | 8239.3 | 8217.6 | 8245.1 | 8248.9 | 8266.3 | 8282.0 | 8290.7 | 8291.0 |
| 0° | 8224.6 | 8204.4 | 8204.4 | 8222.8 | 8204.4 | 8204.4 | 8224.6 | 8255.8 | 8283.3 | 8307.1 | 8316.3 |
| -2.5° | 8268.0 | 8263.7 | 8261.1 | 8248.4 | 8261.1 | 8263.7 | 8268.0 | 8282.0 | 8295.6 | 8307.4 | 8311.6 |
| -5° | 8303.6 | 8292.8 | 8262.7 | 8303.5 | 8262.7 | 8292.8 | 8303.6 | 8318.9 | 8341.9 | 8358.2 | 8353.6 |
| -7.5° | 8342.0 | 8314.1 | 8285.6 | 8349.3 | 8285.6 | 8314.1 | 8342.0 | 8354.2 | 8381.6 | 8403.3 | 8401.3 |
| -10° | 8377.1 | 8336.8 | 8309.0 | 8371.4 | 8309.0 | 8336.8 | 8377.1 | 8405.3 | 8428.6 | 8449.3 | 8453.1 |
| -12.5° | 8423.4 | 8376.3 | 8357.7 | 8391.5 | 8357.7 | 8376.3 | 8423.4 | 8456.0 | 8481.3 | 8496.8 | 8490.7 |
| -15° | 8472.8 | 8440.2 | 8435.8 | 8455.8 | 8435.8 | 8440.2 | 8472.8 | 8506.8 | 8526.8 | 8539.6 | 8516.9 |
| -17.5° | 8516.2 | 8493.2 | 8504.6 | 8527.3 | 8504.6 | 8493.2 | 8516.2 | 8544.0 | 8560.6 | 8565.7 | 8534.7 |
| -20° | 8536.9 | 8524.1 | 8536.8 | 8593.4 | 8536.8 | 8524.1 | 8536.9 | 8554.6 | 8565.9 | 8563.0 | 8518.1 |



REPORT NUMBER: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 8535.1 | 8535.9 | 8558.4 | 8576.8 | 8558.4 | 8535.9 | 8535.1 | 8544.7 | 8543.7 | 8529.7 | 8454.2 |
| -25° | 8502.5 | 8519.7 | 8545.5 | 8582.3 | 8545.5 | 8519.7 | 8502.5 | 8501.7 | 8490.3 | 8453.8 | 8377.3 |
| -27.5° | 8424.0 | 8452.5 | 8479.4 | 8518.1 | 8479.4 | 8452.5 | 8424.0 | 8412.9 | 8392.8 | 8342.5 | 8280.4 |
| -30° | 8310.4 | 8344.3 | 8368.4 | 8409.9 | 8368.4 | 8344.3 | 8310.4 | 8289.6 | 8258.2 | 8200.7 | 8106.9 |
| -32.5° | 8172.2 | 8210.6 | 8238.9 | 8268.6 | 8238.9 | 8210.6 | 8172.2 | 8140.6 | 8107.0 | 8040.6 | 7911.2 |
| -35° | 7999.4 | 8040.8 | 8071.0 | 8098.0 | 8071.0 | 8040.8 | 7999.4 | 7957.8 | 7915.7 | 7858.8 | 7711.3 |
| -37.5° | 7791.9 | 7836.4 | 7870.8 | 7901.7 | 7870.8 | 7836.4 | 7791.9 | 7742.0 | 7697.7 | 7642.4 | 7499.2 |
| -40° | 7550.1 | 7595.8 | 7632.4 | 7666.9 | 7632.4 | 7595.8 | 7550.1 | 7493.1 | 7442.8 | 7378.3 | 7254.1 |
| -42.5° | 7267.3 | 7313.5 | 7351.4 | 7386.2 | 7351.4 | 7313.5 | 7267.3 | 7206.7 | 7145.1 | 7067.3 | 6959.8 |
| -45° | 6940.8 | 6988.3 | 7028.4 | 7065.1 | 7028.4 | 6988.3 | 6940.8 | 6877.4 | 6798.7 | 6697.4 | 6569.6 |
| -47.5° | 6564.8 | 6615.6 | 6649.8 | 6667.0 | 6649.8 | 6615.6 | 6564.8 | 6497.3 | 6405.9 | 6287.5 | 6147.3 |
| -50° | 6133.7 | 6184.5 | 6225.6 | 6256.0 | 6225.6 | 6184.5 | 6133.7 | 6066.6 | 5974.0 | 5845.7 | 5697.2 |
| -52.5° | 5659.3 | 5707.6 | 5743.0 | 5764.4 | 5743.0 | 5707.6 | 5659.3 | 5593.9 | 5504.3 | 5367.1 | 5210.6 |
| -55° | 5139.8 | 5190.4 | 5224.0 | 5239.7 | 5224.0 | 5190.4 | 5139.8 | 5072.2 | 4986.4 | 4846.7 | 4692.6 |
| -57.5° | 4550.5 | 4598.6 | 4634.3 | 4654.4 | 4634.3 | 4598.6 | 4550.5 | 4484.9 | 4402.1 | 4270.7 | 4122.4 |
| -60° | 3898.7 | 3941.6 | 3968.7 | 3979.3 | 3968.7 | 3941.6 | 3898.7 | 3838.6 | 3761.4 | 3645.9 | 3509.6 |
| -62.5° | 3231.8 | 3272.5 | 3297.9 | 3307.8 | 3297.9 | 3272.5 | 3231.8 | 3177.3 | 3109.7 | 3015.0 | 2901.2 |
| -65° | 2572.7 | 2598.2 | 2612.3 | 2614.3 | 2612.3 | 2598.2 | 2572.7 | 2534.3 | 2482.8 | 2410.2 | 2321.7 |
| -67.5° | 1984.7 | 2004.1 | 2015.9 | 2019.9 | 2015.9 | 2004.1 | 1984.7 | 1957.9 | 1924.0 | 1880.9 | 1826.9 |
| -70° | 1557.4 | 1570.8 | 1578.3 | 1579.6 | 1578.3 | 1570.8 | 1557.4 | 1537.2 | 1510.3 | 1474.3 | 1430.1 |
| -72.5° | 1161.1 | 1170.7 | 1167.3 | 1159.5 | 1167.3 | 1170.7 | 1161.1 | 1147.5 | 1129.9 | 1109.6 | 1088.8 |
| -75° | 905.8 | 916.4 | 912.0 | 904.5 | 912.0 | 916.4 | 905.8 | 893.2 | 878.5 | 861.9 | 843.1 |
| -77.5° | 723.6 | 733.2 | 728.5 | 721.0 | 728.5 | 733.2 | 723.6 | 712.2 | 699.2 | 684.5 | 667.3 |
| -80° | 516.7 | 522.4 | 526.4 | 528.4 | 526.4 | 522.4 | 516.7 | 509.7 | 501.5 | 492.7 | 485.9 |
| -82.5° | 264.5 | 256.8 | 251.8 | 245.8 | 251.8 | 256.8 | 264.5 | 270.9 | 275.7 | 278.9 | 280.5 |
| -85° | 74.8 | 73.0 | 74.2 | 75.2 | 74.2 | 73.0 | 74.8 | 76.3 | 77.5 | 78.5 | 84.9 |
| -87.5° | 21.4 | 21.9 | 22.0 | 22.0 | 22.0 | 21.9 | 21.4 | 20.8 | 20.2 | 19.5 | 19.7 |
| -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: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-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° | 0.8 | 1.3 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.4 | 1.4 | 1.3 | 1.3 |
| 85° | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 82.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 80° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 77.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 75° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 72.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 70° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 2.0 |
| 67.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.8 | 1.8 | 2.2 |
| 65° | 2.3 | 2.2 | 2.2 | 2.5 | 2.6 | 2.5 | 2.6 | 2.6 | 2.6 | 2.5 | 2.3 |
| 62.5° | 3.7 | 3.9 | 4.0 | 4.1 | 4.1 | 5.2 | 4.6 | 4.6 | 4.4 | 5.3 | 7.1 |
| 60° | 8.8 | 6.9 | 10.4 | 11.6 | 10.0 | 17.0 | 28.8 | 25.9 | 7.6 | 41.5 | 47.9 |
| 57.5° | 121.4 | 100.8 | 211.2 | 210.5 | 88.2 | 119.1 | 159.5 | 105.0 | 68.7 | 117.6 | 155.4 |
| 55° | 846.6 | 775.3 | 674.1 | 663.3 | 698.3 | 530.6 | 443.6 | 426.9 | 334.2 | 217.3 | 258.0 |
| 52.5° | 1193.5 | 1122.4 | 1053.4 | 989.1 | 936.3 | 879.9 | 797.0 | 707.4 | 678.7 | 546.5 | 421.4 |
| 50° | 1350.5 | 1419.6 | 1351.6 | 1185.3 | 1214.9 | 1134.6 | 1017.8 | 922.5 | 942.1 | 861.1 | 694.3 |
| 47.5° | 1831.4 | 1915.6 | 1917.7 | 1818.5 | 1708.2 | 1674.2 | 1502.8 | 1205.2 | 1225.2 | 1221.7 | 1045.0 |
| 45° | 2681.2 | 2563.7 | 2607.5 | 2468.2 | 2273.3 | 2165.6 | 2159.8 | 1841.3 | 1546.5 | 1498.6 | 1481.5 |
| 42.5° | 3147.0 | 3060.0 | 2969.9 | 2866.0 | 2693.6 | 2521.7 | 2415.7 | 2236.6 | 1999.4 | 1789.6 | 1715.2 |
| 40° | 3335.4 | 3234.0 | 3149.8 | 3063.8 | 2925.0 | 2748.9 | 2663.5 | 2428.3 | 2250.1 | 2068.4 | 2007.9 |
| 37.5° | 3563.0 | 3370.5 | 3445.6 | 3282.9 | 3154.0 | 3111.2 | 3044.9 | 2800.1 | 2405.1 | 2371.9 | 2341.3 |
| 35° | 4071.2 | 3891.2 | 4064.4 | 4033.7 | 3520.8 | 3577.9 | 3622.0 | 3321.2 | 2907.6 | 2683.4 | 2688.2 |
| 32.5° | 5230.7 | 4815.8 | 4689.2 | 4844.3 | 4574.6 | 4126.9 | 4133.6 | 4042.0 | 3477.4 | 3151.2 | 3008.4 |
| 30° | 5650.5 | 5466.2 | 5266.6 | 5239.7 | 5038.9 | 4779.9 | 4615.5 | 4395.4 | 3984.5 | 3612.1 | 3367.5 |
| 27.5° | 5831.6 | 5664.4 | 5496.4 | 5366.8 | 5250.6 | 5074.7 | 4860.2 | 4601.6 | 4309.3 | 3975.6 | 3737.8 |
| 25° | 5960.9 | 5773.7 | 5628.7 | 5485.6 | 5360.5 | 5227.4 | 5008.1 | 4756.3 | 4483.6 | 4214.6 | 3959.3 |
| 22.5° | 6064.8 | 5890.2 | 5734.3 | 5580.2 | 5478.7 | 5335.6 | 5138.7 | 4878.5 | 4695.5 | 4524.5 | 4192.6 |
| 20° | 6178.3 | 6010.1 | 5834.5 | 5841.9 | 5692.5 | 5453.5 | 5264.2 | 5134.7 | 5109.6 | 4917.2 | 4488.7 |
| 17.5° | 6671.6 | 6209.0 | 6295.0 | 6458.0 | 6128.8 | 5695.1 | 5627.6 | 5634.8 | 5555.3 | 5376.4 | 4843.6 |
| 15° | 7728.1 | 7059.9 | 7065.8 | 7178.2 | 6821.3 | 6288.6 | 6165.5 | 6150.5 | 6025.3 | 5827.4 | 5218.3 |
| 12.5° | 8060.8 | 7837.6 | 7796.6 | 7629.6 | 7279.1 | 6881.1 | 6735.4 | 6656.4 | 6426.8 | 6043.9 | 5487.9 |
| 10° | 8173.2 | 8043.9 | 7872.1 | 7703.7 | 7491.0 | 7331.1 | 7123.6 | 6836.6 | 6510.6 | 6141.4 | 5688.8 |
| 7.5° | 8186.6 | 8052.5 | 7914.0 | 7753.6 | 7566.9 | 7379.2 | 7174.2 | 6888.9 | 6573.7 | 6211.6 | 5830.3 |
| 5° | 8178.8 | 8045.1 | 7916.8 | 7763.4 | 7574.0 | 7392.1 | 7206.3 | 6924.2 | 6616.3 | 6257.4 | 5923.4 |
| 2.5° | 8158.8 | 8023.5 | 7901.4 | 7762.0 | 7573.4 | 7398.1 | 7226.1 | 6962.1 | 6646.8 | 6295.2 | 5954.5 |
| 0° | 8187.9 | 8054.0 | 7938.4 | 7782.4 | 7611.8 | 7408.2 | 7235.7 | 7000.9 | 6661.5 | 6320.3 | 5966.2 |
| -2.5° | 8200.4 | 8061.9 | 7956.1 | 7780.3 | 7638.9 | 7431.1 | 7256.4 | 7029.5 | 6689.2 | 6364.5 | 5994.5 |
| -5° | 8266.6 | 8129.0 | 7990.6 | 7814.4 | 7665.7 | 7471.3 | 7274.8 | 7041.1 | 6710.0 | 6388.5 | 6007.4 |
| -7.5° | 8310.1 | 8170.5 | 8009.5 | 7838.6 | 7689.3 | 7503.8 | 7286.0 | 7042.2 | 6729.0 | 6388.2 | 6013.5 |
| -10° | 8337.4 | 8191.4 | 8032.5 | 7857.4 | 7703.1 | 7512.2 | 7282.2 | 7036.1 | 6725.2 | 6373.2 | 6000.0 |
| -12.5° | 8375.6 | 8211.4 | 8047.8 | 7849.0 | 7694.2 | 7498.2 | 7268.4 | 7022.1 | 6696.4 | 6345.3 | 5965.6 |
| -15° | 8389.9 | 8221.3 | 8030.0 | 7835.2 | 7666.1 | 7475.4 | 7238.2 | 6980.4 | 6646.1 | 6302.3 | 5909.5 |
| -17.5° | 8395.8 | 8204.0 | 8000.1 | 7813.2 | 7631.0 | 7428.8 | 7178.5 | 6904.3 | 6581.7 | 6226.4 | 5835.5 |
| -20° | 8391.2 | 8168.0 | 7957.9 | 7754.5 | 7563.6 | 7358.3 | 7100.0 | 6828.5 | 6489.5 | 6128.0 | 5739.7 |



REPORT NUMBER: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 8305.6 | 8103.4 | 7890.8 | 7670.2 | 7482.5 | 7264.7 | 7011.9 | 6730.9 | 6369.6 | 6020.1 | 5617.7 |
| -25° | 8211.3 | 8007.1 | 7787.5 | 7582.3 | 7382.4 | 7166.0 | 6906.2 | 6587.7 | 6244.5 | 5880.9 | 5469.7 |
| -27.5° | 8099.9 | 7885.3 | 7658.4 | 7449.7 | 7238.5 | 7025.4 | 6756.9 | 6436.0 | 6105.6 | 5708.0 | 5308.8 |
| -30° | 7949.5 | 7727.9 | 7496.7 | 7257.9 | 7064.7 | 6847.6 | 6582.0 | 6270.3 | 5915.6 | 5523.0 | 5143.1 |
| -32.5° | 7745.2 | 7536.8 | 7305.6 | 7078.5 | 6876.9 | 6649.0 | 6381.0 | 6071.6 | 5699.1 | 5327.9 | 4932.6 |
| -35° | 7537.7 | 7321.7 | 7101.3 | 6887.6 | 6675.2 | 6436.6 | 6162.9 | 5826.1 | 5470.2 | 5102.4 | 4692.3 |
| -37.5° | 7300.6 | 7075.8 | 6868.5 | 6665.5 | 6446.4 | 6201.8 | 5899.8 | 5574.4 | 5227.4 | 4823.0 | 4432.7 |
| -40° | 7046.0 | 6829.3 | 6603.1 | 6402.3 | 6168.6 | 5921.9 | 5630.1 | 5313.8 | 4932.2 | 4532.5 | 4165.6 |
| -42.5° | 6743.6 | 6527.1 | 6294.2 | 6070.6 | 5843.6 | 5609.0 | 5345.4 | 5003.2 | 4625.0 | 4248.0 | 3866.9 |
| -45° | 6378.5 | 6161.9 | 5932.9 | 5702.4 | 5490.0 | 5262.0 | 5016.7 | 4651.9 | 4278.3 | 3919.1 | 3553.4 |
| -47.5° | 5967.6 | 5757.7 | 5536.7 | 5308.2 | 5106.2 | 4877.3 | 4578.5 | 4239.0 | 3908.5 | 3566.7 | 3192.4 |
| -50° | 5521.4 | 5321.6 | 5117.3 | 4905.4 | 4678.4 | 4420.2 | 4133.4 | 3837.2 | 3509.8 | 3158.9 | 2817.0 |
| -52.5° | 5033.7 | 4850.9 | 4658.1 | 4454.3 | 4220.0 | 3963.8 | 3695.1 | 3380.7 | 3054.0 | 2756.2 | 2445.3 |
| -55° | 4524.9 | 4344.4 | 4153.7 | 3950.2 | 3731.6 | 3478.2 | 3199.8 | 2913.9 | 2647.2 | 2371.8 | 2134.5 |
| -57.5° | 3961.8 | 3790.7 | 3609.1 | 3416.9 | 3215.2 | 2979.4 | 2735.3 | 2492.6 | 2281.4 | 2067.3 | 1852.0 |
| -60° | 3360.0 | 3200.3 | 3045.8 | 2875.4 | 2689.1 | 2486.2 | 2308.2 | 2129.1 | 1950.0 | 1779.1 | 1605.7 |
| -62.5° | 2777.1 | 2643.4 | 2504.6 | 2366.4 | 2224.8 | 2078.3 | 1930.7 | 1792.5 | 1651.2 | 1506.4 | 1378.8 |
| -65° | 2226.1 | 2124.5 | 2015.0 | 1919.3 | 1818.9 | 1712.9 | 1594.4 | 1486.0 | 1383.3 | 1277.2 | 1168.7 |
| -67.5° | 1763.7 | 1691.2 | 1613.8 | 1538.3 | 1469.4 | 1396.1 | 1312.8 | 1225.2 | 1143.8 | 1065.2 | 985.3 |
| -70° | 1383.6 | 1335.6 | 1285.3 | 1230.2 | 1175.2 | 1120.0 | 1058.7 | 994.2 | 928.9 | 870.0 | 813.6 |
| -72.5° | 1062.0 | 1028.7 | 990.6 | 950.9 | 908.6 | 871.0 | 829.2 | 785.6 | 741.3 | 696.6 | 654.1 |
| -75° | 821.7 | 797.6 | 771.5 | 741.8 | 706.0 | 663.6 | 632.1 | 610.9 | 584.2 | 551.7 | 516.2 |
| -77.5° | 649.9 | 632.4 | 613.6 | 588.3 | 562.1 | 535.1 | 508.4 | 482.1 | 456.1 | 431.5 | 408.9 |
| -80° | 478.2 | 469.9 | 459.5 | 438.6 | 417.6 | 396.8 | 376.8 | 360.7 | 345.5 | 328.8 | 308.2 |
| -82.5° | 280.7 | 279.7 | 276.7 | 265.0 | 253.3 | 241.7 | 230.4 | 219.0 | 207.0 | 194.5 | 181.8 |
| -85° | 90.7 | 95.6 | 99.7 | 101.6 | 102.8 | 103.1 | 102.5 | 99.5 | 96.1 | 92.1 | 87.8 |
| -87.5° | 19.8 | 19.9 | 19.9 | 20.7 | 21.4 | 22.0 | 22.5 | 23.7 | 24.6 | 25.4 | 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: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-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° | 1.2 | 1.2 | 1.1 | 1.0 | 1.0 | 0.9 | 0.8 | 0.8 | 0.9 | 0.9 | 1.0 |
| 85° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.5 | 1.8 | 1.9 | 1.9 |
| 82.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 2.3 | 2.8 | 2.9 |
| 80° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 2.3 | 2.8 | 3.3 |
| 77.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 2.4 | 2.8 | 3.3 |
| 75° | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.8 | 1.8 | 1.9 | 2.4 | 2.9 | 3.3 |
| 72.5° | 1.8 | 1.8 | 1.8 | 2.0 | 2.3 | 2.3 | 2.1 | 2.0 | 2.5 | 2.9 | 3.4 |
| 70° | 2.1 | 1.9 | 1.8 | 2.1 | 2.6 | 3.0 | 2.9 | 2.9 | 2.5 | 3.0 | 3.4 |
| 67.5° | 2.7 | 2.8 | 2.5 | 2.5 | 2.7 | 3.1 | 3.6 | 4.2 | 4.1 | 3.1 | 3.5 |
| 65° | 2.8 | 3.3 | 3.9 | 5.2 | 4.6 | 3.2 | 3.7 | 7.2 | 5.7 | 4.9 | 3.5 |
| 62.5° | 6.1 | 3.4 | 11.6 | 15.5 | 8.8 | 6.9 | 5.5 | 16.0 | 10.1 | 6.8 | 4.9 |
| 60° | 14.4 | 11.8 | 32.4 | 51.8 | 36.2 | 12.2 | 17.9 | 27.8 | 25.5 | 8.8 | 6.9 |
| 57.5° | 134.6 | 46.2 | 67.0 | 96.9 | 95.2 | 51.7 | 37.7 | 50.3 | 43.3 | 24.9 | 9.8 |
| 55° | 287.2 | 241.7 | 159.6 | 146.1 | 157.9 | 127.5 | 82.9 | 81.4 | 66.8 | 46.3 | 15.8 |
| 52.5° | 394.1 | 411.2 | 357.9 | 250.0 | 217.7 | 207.5 | 162.0 | 118.1 | 104.8 | 69.5 | 40.2 |
| 50° | 570.4 | 531.2 | 525.9 | 441.4 | 305.3 | 276.3 | 239.2 | 184.4 | 147.1 | 99.4 | 67.9 |
| 47.5° | 805.8 | 707.8 | 655.9 | 617.9 | 487.1 | 352.3 | 313.8 | 252.3 | 193.7 | 143.1 | 97.0 |
| 45° | 1151.5 | 914.9 | 814.4 | 752.9 | 667.6 | 495.4 | 392.7 | 318.1 | 252.5 | 192.1 | 127.4 |
| 42.5° | 1498.7 | 1182.9 | 995.4 | 896.1 | 807.3 | 657.1 | 477.1 | 394.0 | 309.7 | 242.0 | 165.9 |
| 40° | 1805.2 | 1459.2 | 1185.7 | 1057.9 | 944.5 | 813.3 | 613.7 | 475.3 | 365.8 | 293.4 | 209.8 |
| 37.5° | 2174.1 | 1773.9 | 1404.7 | 1227.6 | 1090.8 | 943.7 | 752.3 | 560.1 | 433.3 | 347.3 | 253.7 |
| 35° | 2531.0 | 2181.3 | 1649.7 | 1432.6 | 1253.5 | 1077.5 | 885.9 | 660.4 | 516.1 | 402.0 | 297.7 |
| 32.5° | 2914.2 | 2564.3 | 2019.8 | 1661.5 | 1422.0 | 1214.2 | 1010.7 | 782.4 | 599.5 | 457.4 | 341.4 |
| 30° | 3216.0 | 2816.5 | 2344.6 | 1890.6 | 1605.3 | 1366.8 | 1135.4 | 899.5 | 683.0 | 513.3 | 385.6 |
| 27.5° | 3375.9 | 3034.7 | 2600.9 | 2145.9 | 1811.6 | 1523.1 | 1263.8 | 1011.3 | 766.4 | 574.7 | 431.7 |
| 25° | 3541.3 | 3188.4 | 2784.1 | 2369.1 | 2015.3 | 1688.7 | 1391.6 | 1117.9 | 857.5 | 644.0 | 477.2 |
| 22.5° | 3739.2 | 3319.1 | 2938.5 | 2546.0 | 2225.4 | 1856.5 | 1525.7 | 1225.9 | 948.5 | 711.9 | 522.0 |
| 20° | 3937.9 | 3440.5 | 3091.0 | 2786.7 | 2431.5 | 2038.1 | 1665.9 | 1331.2 | 1034.4 | 778.1 | 565.8 |
| 17.5° | 4146.5 | 3660.8 | 3349.8 | 3021.6 | 2637.0 | 2214.1 | 1804.1 | 1433.2 | 1115.0 | 842.2 | 608.4 |
| 15° | 4509.4 | 3990.8 | 3610.4 | 3250.2 | 2841.5 | 2383.3 | 1938.8 | 1531.2 | 1190.2 | 903.7 | 647.9 |
| 12.5° | 4839.0 | 4297.9 | 3871.3 | 3471.2 | 3042.6 | 2544.7 | 2068.9 | 1624.5 | 1259.8 | 952.8 | 683.2 |
| 10° | 5111.7 | 4582.8 | 4129.1 | 3683.3 | 3237.8 | 2697.1 | 2192.8 | 1700.5 | 1301.6 | 989.5 | 715.7 |
| 7.5° | 5335.0 | 4846.1 | 4380.5 | 3885.2 | 3405.5 | 2796.7 | 2255.3 | 1744.8 | 1333.9 | 1020.6 | 745.4 |
| 5° | 5496.4 | 5021.7 | 4514.1 | 3955.6 | 3457.9 | 2837.6 | 2297.8 | 1780.8 | 1360.0 | 1046.6 | 772.1 |
| 2.5° | 5542.9 | 5075.7 | 4564.3 | 3994.1 | 3493.4 | 2864.1 | 2328.2 | 1808.4 | 1380.1 | 1067.8 | 795.8 |
| 0° | 5569.9 | 5111.2 | 4595.7 | 4017.8 | 3511.5 | 2876.7 | 2346.5 | 1827.3 | 1394.3 | 1084.3 | 816.4 |
| -2.5° | 5607.7 | 5141.8 | 4626.1 | 4078.7 | 3523.5 | 2915.2 | 2356.9 | 1839.6 | 1412.3 | 1090.2 | 828.4 |
| -5° | 5626.6 | 5153.8 | 4640.6 | 4119.6 | 3520.4 | 2938.2 | 2355.6 | 1843.5 | 1424.0 | 1092.3 | 837.2 |
| -7.5° | 5618.3 | 5149.7 | 4641.2 | 4132.5 | 3504.5 | 2943.5 | 2342.8 | 1839.4 | 1428.7 | 1090.8 | 842.7 |
| -10° | 5592.9 | 5128.9 | 4623.4 | 4099.3 | 3489.8 | 2922.7 | 2320.0 | 1827.7 | 1425.9 | 1086.1 | 844.8 |
| -12.5° | 5554.4 | 5089.9 | 4587.2 | 4051.6 | 3459.2 | 2879.8 | 2293.1 | 1807.7 | 1414.4 | 1078.6 | 843.4 |
| -15° | 5504.4 | 5033.1 | 4532.2 | 3990.9 | 3409.0 | 2822.7 | 2252.7 | 1778.6 | 1392.0 | 1070.0 | 838.4 |
| -17.5° | 5440.3 | 4959.0 | 4458.0 | 3918.9 | 3338.2 | 2752.0 | 2198.5 | 1740.7 | 1364.0 | 1059.6 | 828.3 |
| -20° | 5325.8 | 4859.6 | 4363.8 | 3837.1 | 3246.4 | 2668.2 | 2130.1 | 1694.0 | 1330.6 | 1044.8 | 813.9 |



REPORT NUMBER: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| -22.5° | 5197.1 | 4736.5 | 4246.3 | 3726.8 | 3135.7 | 2571.9 | 2047.5 | 1638.5 | 1292.1 | 1025.5 | 796.6 |
| -25° | 5059.9 | 4597.9 | 4109.8 | 3574.0 | 3013.4 | 2470.1 | 1964.8 | 1574.3 | 1248.7 | 1001.7 | 776.4 |
| -27.5° | 4898.8 | 4441.0 | 3955.1 | 3405.8 | 2871.5 | 2352.0 | 1885.5 | 1517.4 | 1206.7 | 973.2 | 753.6 |
| -30° | 4717.7 | 4256.4 | 3761.8 | 3226.3 | 2715.9 | 2215.4 | 1796.5 | 1456.6 | 1171.2 | 942.2 | 728.1 |
| -32.5° | 4510.0 | 4053.0 | 3547.5 | 3042.6 | 2551.6 | 2070.5 | 1698.4 | 1391.7 | 1130.2 | 909.3 | 704.5 |
| -35° | 4273.7 | 3816.4 | 3320.5 | 2845.3 | 2377.4 | 1953.5 | 1602.4 | 1322.7 | 1083.7 | 873.7 | 679.7 |
| -37.5° | 4027.6 | 3562.5 | 3093.4 | 2639.3 | 2192.3 | 1826.7 | 1516.1 | 1254.6 | 1031.7 | 835.5 | 652.3 |
| -40° | 3746.5 | 3301.2 | 2855.0 | 2427.1 | 2032.0 | 1690.7 | 1422.6 | 1187.4 | 982.7 | 794.9 | 622.3 |
| -42.5° | 3457.0 | 3027.1 | 2606.4 | 2202.4 | 1873.9 | 1579.9 | 1324.8 | 1115.0 | 930.8 | 755.7 | 589.7 |
| -45° | 3144.7 | 2737.7 | 2342.1 | 2013.2 | 1713.0 | 1462.5 | 1239.1 | 1040.0 | 875.6 | 715.6 | 556.1 |
| -47.5° | 2815.4 | 2432.7 | 2101.9 | 1816.0 | 1576.2 | 1344.6 | 1148.0 | 975.1 | 817.5 | 672.6 | 522.4 |
| -50° | 2466.6 | 2148.7 | 1880.6 | 1644.6 | 1428.8 | 1238.5 | 1057.3 | 907.1 | 764.3 | 625.0 | 487.0 |
| -52.5° | 2157.5 | 1902.7 | 1680.9 | 1478.9 | 1298.8 | 1126.8 | 979.1 | 837.4 | 709.5 | 579.6 | 450.1 |
| -55° | 1892.6 | 1683.8 | 1496.5 | 1328.5 | 1169.9 | 1031.1 | 897.9 | 775.6 | 653.2 | 534.0 | 412.7 |
| -57.5° | 1663.8 | 1481.3 | 1331.5 | 1185.5 | 1054.6 | 936.2 | 823.9 | 712.3 | 599.2 | 486.7 | 383.1 |
| -60° | 1444.1 | 1307.9 | 1174.5 | 1057.2 | 946.3 | 845.9 | 754.1 | 649.1 | 544.6 | 439.5 | 350.3 |
| -62.5° | 1254.3 | 1138.0 | 1037.2 | 934.9 | 842.8 | 760.9 | 683.7 | 587.2 | 488.6 | 395.9 | 314.6 |
| -65° | 1076.4 | 987.1 | 901.3 | 819.6 | 743.2 | 673.8 | 611.4 | 523.9 | 432.4 | 349.6 | 277.5 |
| -67.5° | 907.5 | 840.2 | 772.8 | 704.3 | 644.1 | 588.0 | 534.6 | 455.5 | 373.7 | 300.9 | 240.8 |
| -70° | 756.5 | 699.0 | 646.2 | 595.4 | 546.6 | 499.8 | 449.4 | 382.7 | 312.3 | 257.2 | 203.1 |
| -72.5° | 614.0 | 572.0 | 528.2 | 486.4 | 450.4 | 409.2 | 362.9 | 310.8 | 261.5 | 212.7 | 164.7 |
| -75° | 482.2 | 454.5 | 423.6 | 390.4 | 356.8 | 320.0 | 289.4 | 253.0 | 209.9 | 167.4 | 132.7 |
| -77.5° | 385.8 | 358.8 | 327.8 | 301.3 | 278.8 | 253.7 | 225.9 | 194.2 | 160.1 | 130.2 | 102.5 |
| -80° | 284.6 | 263.9 | 246.4 | 231.2 | 210.3 | 187.4 | 164.3 | 141.3 | 116.4 | 93.2 | 71.9 |
| -82.5° | 173.6 | 169.1 | 164.2 | 157.2 | 139.8 | 122.8 | 106.1 | 89.7 | 72.0 | 55.7 | 46.1 |
| -85° | 86.8 | 85.1 | 82.5 | 78.8 | 68.1 | 57.7 | 52.9 | 48.0 | 42.0 | 36.3 | 30.8 |
| -87.5° | 28.5 | 30.7 | 32.4 | 33.7 | 31.3 | 28.9 | 26.5 | 24.0 | 21.1 | 18.2 | 15.4 |
| -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: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-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° | 1.0 | 0.8 | 0.6 | 0.5 | 0.3 | 0.2 | 0.0 |
| 85° | 1.9 | 1.6 | 1.3 | 1.0 | 0.6 | 0.4 | 0.0 |
| 82.5° | 2.9 | 2.4 | 1.9 | 1.4 | 1.0 | 0.6 | 0.0 |
| 80° | 3.7 | 3.2 | 2.6 | 1.9 | 1.3 | 0.8 | 0.0 |
| 77.5° | 3.7 | 3.7 | 3.2 | 2.4 | 1.6 | 1.0 | 0.0 |
| 75° | 3.7 | 3.8 | 3.7 | 2.9 | 1.9 | 1.2 | 0.0 |
| 72.5° | 3.8 | 4.0 | 3.9 | 3.3 | 2.3 | 1.4 | 0.0 |
| 70° | 3.9 | 4.1 | 4.1 | 3.7 | 2.6 | 1.6 | 0.0 |
| 67.5° | 4.3 | 4.3 | 4.2 | 3.9 | 2.9 | 1.8 | 0.0 |
| 65° | 5.0 | 4.9 | 4.4 | 4.1 | 3.3 | 2.0 | 0.0 |
| 62.5° | 5.8 | 6.1 | 4.6 | 4.3 | 3.6 | 2.2 | 0.0 |
| 60° | 6.8 | 7.4 | 4.8 | 4.5 | 3.9 | 2.4 | 0.0 |
| 57.5° | 12.6 | 8.8 | 6.2 | 4.6 | 4.1 | 2.5 | 0.0 |
| 55° | 20.0 | 10.4 | 7.8 | 4.8 | 4.3 | 2.7 | 0.0 |
| 52.5° | 28.7 | 13.4 | 9.4 | 5.0 | 4.5 | 2.9 | 0.0 |
| 50° | 38.7 | 22.8 | 11.1 | 5.2 | 4.8 | 3.1 | 0.0 |
| 47.5° | 52.1 | 32.9 | 12.8 | 5.7 | 5.0 | 3.3 | 0.0 |
| 45° | 78.5 | 43.8 | 14.6 | 7.1 | 5.2 | 3.4 | 0.0 |
| 42.5° | 105.6 | 55.3 | 16.5 | 8.5 | 5.4 | 3.6 | 0.0 |
| 40° | 133.4 | 67.6 | 22.3 | 10.3 | 5.7 | 3.8 | 0.0 |
| 37.5° | 161.6 | 80.4 | 31.8 | 12.5 | 5.9 | 3.9 | 0.0 |
| 35° | 190.3 | 99.9 | 41.6 | 15.0 | 6.1 | 4.1 | 0.0 |
| 32.5° | 221.4 | 122.5 | 51.4 | 17.7 | 6.4 | 4.2 | 0.0 |
| 30° | 257.0 | 145.0 | 61.3 | 20.6 | 6.6 | 4.4 | 0.0 |
| 27.5° | 291.8 | 167.2 | 73.6 | 23.7 | 6.8 | 4.5 | 0.0 |
| 25° | 325.8 | 189.0 | 86.1 | 26.9 | 7.1 | 4.6 | 0.0 |
| 22.5° | 358.9 | 211.2 | 98.6 | 30.3 | 7.3 | 4.8 | 0.0 |
| 20° | 390.8 | 235.1 | 111.0 | 33.8 | 7.6 | 4.9 | 0.0 |
| 17.5° | 422.4 | 258.2 | 123.2 | 37.4 | 7.8 | 5.0 | 0.0 |
| 15° | 452.7 | 280.4 | 135.1 | 41.0 | 8.0 | 5.1 | 0.0 |
| 12.5° | 481.1 | 301.6 | 146.6 | 44.5 | 8.2 | 5.2 | 0.0 |
| 10° | 507.4 | 321.6 | 157.6 | 48.0 | 8.5 | 5.3 | 0.0 |
| 7.5° | 531.6 | 340.3 | 168.0 | 51.4 | 8.7 | 5.3 | 0.0 |
| 5° | 553.6 | 357.5 | 177.7 | 54.7 | 8.8 | 5.4 | 0.0 |
| 2.5° | 573.3 | 373.2 | 186.6 | 57.7 | 9.0 | 5.5 | 0.0 |
| 0° | 590.7 | 387.1 | 194.5 | 60.5 | 9.2 | 5.5 | 0.0 |
| -2.5° | 599.4 | 395.9 | 201.9 | 64.5 | 10.6 | 5.8 | 0.0 |
| -5° | 605.7 | 402.9 | 208.2 | 68.1 | 12.0 | 6.1 | 0.0 |
| -7.5° | 609.7 | 408.0 | 213.3 | 71.3 | 13.4 | 6.4 | 0.0 |
| -10° | 611.6 | 411.1 | 217.2 | 74.1 | 14.7 | 6.7 | 0.0 |
| -12.5° | 611.2 | 412.4 | 219.8 | 76.5 | 16.0 | 6.9 | 0.0 |
| -15° | 608.8 | 411.9 | 221.1 | 78.4 | 17.2 | 7.2 | 0.0 |
| -17.5° | 604.4 | 409.4 | 220.9 | 79.8 | 18.3 | 7.4 | 0.0 |
| -20° | 597.5 | 405.0 | 219.3 | 80.6 | 19.3 | 7.5 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645553 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| -22.5° | 587.5 | 398.9 | 216.2 | 80.8 | 20.2 | 7.7 | 0.0 |
| -25° | 575.2 | 389.3 | 211.6 | 80.5 | 21.0 | 7.8 | 0.0 |
| -27.5° | 560.6 | 377.3 | 205.4 | 79.5 | 21.7 | 7.9 | 0.0 |
| -30° | 543.7 | 363.7 | 197.7 | 77.8 | 22.3 | 7.9 | 0.0 |
| -32.5° | 524.5 | 348.5 | 188.7 | 75.6 | 22.7 | 8.0 | 0.0 |
| -35° | 503.8 | 331.7 | 178.7 | 72.6 | 23.0 | 8.0 | 0.0 |
| -37.5° | 481.5 | 314.8 | 167.7 | 69.0 | 23.2 | 7.9 | 0.0 |
| -40° | 457.5 | 299.5 | 155.7 | 64.7 | 23.2 | 7.8 | 0.0 |
| -42.5° | 431.8 | 283.2 | 146.6 | 60.0 | 23.1 | 7.7 | 0.0 |
| -45° | 404.5 | 265.7 | 140.4 | 55.3 | 22.8 | 7.6 | 0.0 |
| -47.5° | 375.7 | 247.3 | 133.1 | 50.0 | 22.4 | 7.4 | 0.0 |
| -50° | 351.5 | 227.9 | 124.7 | 48.2 | 21.8 | 7.2 | 0.0 |
| -52.5° | 327.4 | 207.5 | 115.2 | 47.2 | 21.1 | 6.9 | 0.0 |
| -55° | 302.3 | 192.2 | 104.6 | 45.8 | 20.3 | 6.6 | 0.0 |
| -57.5° | 276.3 | 176.5 | 93.1 | 43.8 | 19.3 | 6.3 | 0.0 |
| -60° | 249.9 | 159.5 | 81.0 | 41.3 | 18.2 | 5.9 | 0.0 |
| -62.5° | 225.8 | 141.1 | 75.2 | 38.4 | 17.1 | 5.5 | 0.0 |
| -65° | 199.9 | 121.4 | 68.7 | 35.0 | 15.9 | 5.1 | 0.0 |
| -67.5° | 172.5 | 104.9 | 61.4 | 31.2 | 14.6 | 4.7 | 0.0 |
| -70° | 143.5 | 91.8 | 53.4 | 27.1 | 13.2 | 4.2 | 0.0 |
| -72.5° | 121.4 | 77.7 | 44.8 | 23.9 | 11.7 | 3.8 | 0.0 |
| -75° | 99.2 | 62.8 | 35.6 | 20.7 | 10.2 | 3.3 | 0.0 |
| -77.5° | 76.0 | 47.1 | 29.4 | 17.5 | 8.6 | 2.7 | 0.0 |
| -80° | 51.8 | 35.9 | 23.8 | 14.1 | 6.9 | 2.2 | 0.0 |
| -82.5° | 38.1 | 27.1 | 18.0 | 10.7 | 5.2 | 1.7 | 0.0 |
| -85° | 25.5 | 18.2 | 12.1 | 7.2 | 3.5 | 1.1 | 0.0 |
| -87.5° | 12.8 | 9.1 | 6.0 | 3.6 | 1.8 | 0.6 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)