

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: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645527 (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-SA5D-730-U-LAM-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

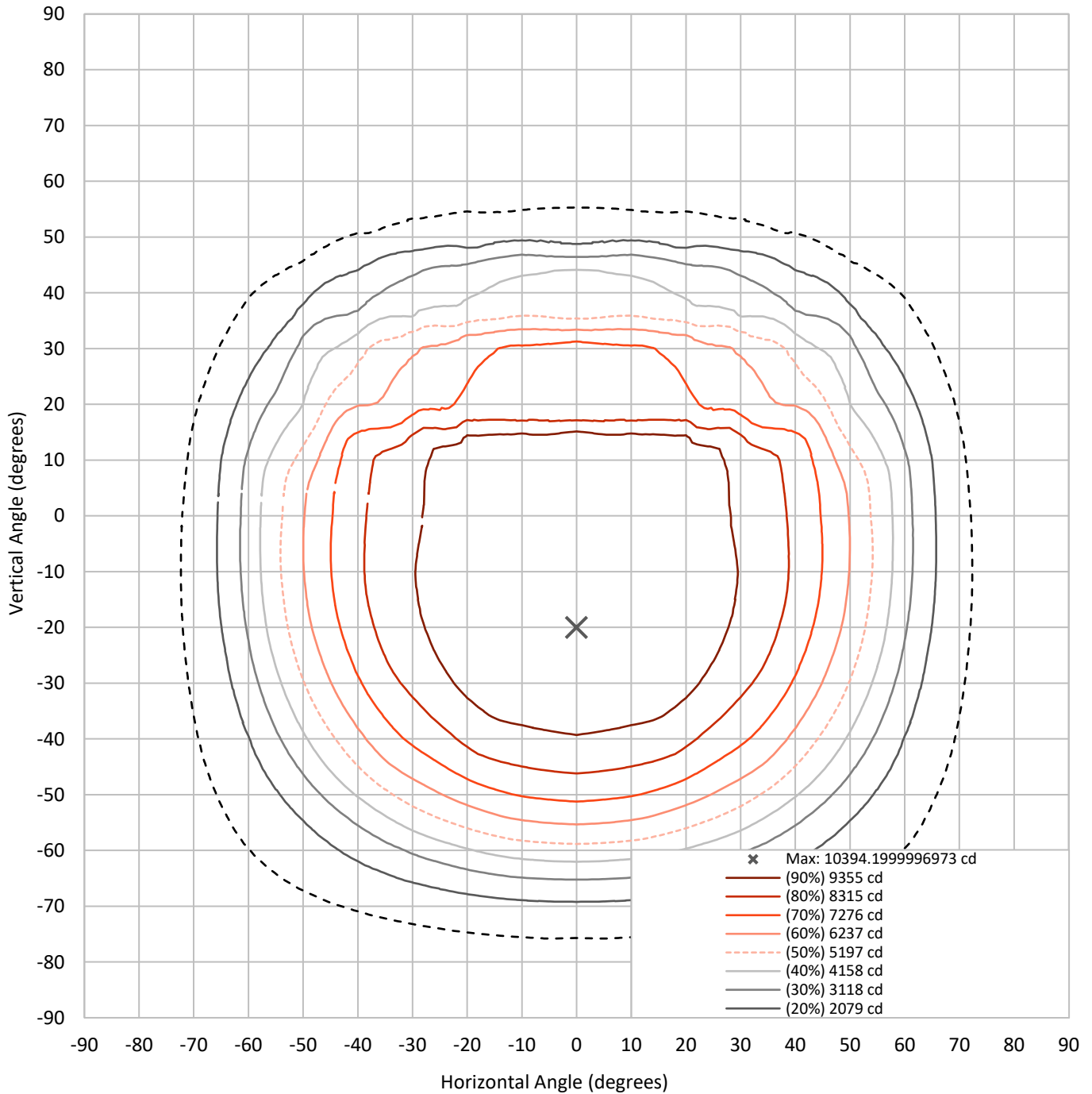
Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 24372.3 lumens | Max Intensity: | 10394.2 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x -20°V |
| Efficacy: | 89.8 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: | 19052.9 lumens | Field Lumens: | 23888.3 lumens |
| Beam Efficiency: | 78.2% | Field Efficiency: | 98.0% |
| Input Watts (W): | 271.3 | | |
| 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: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-VSR-XX

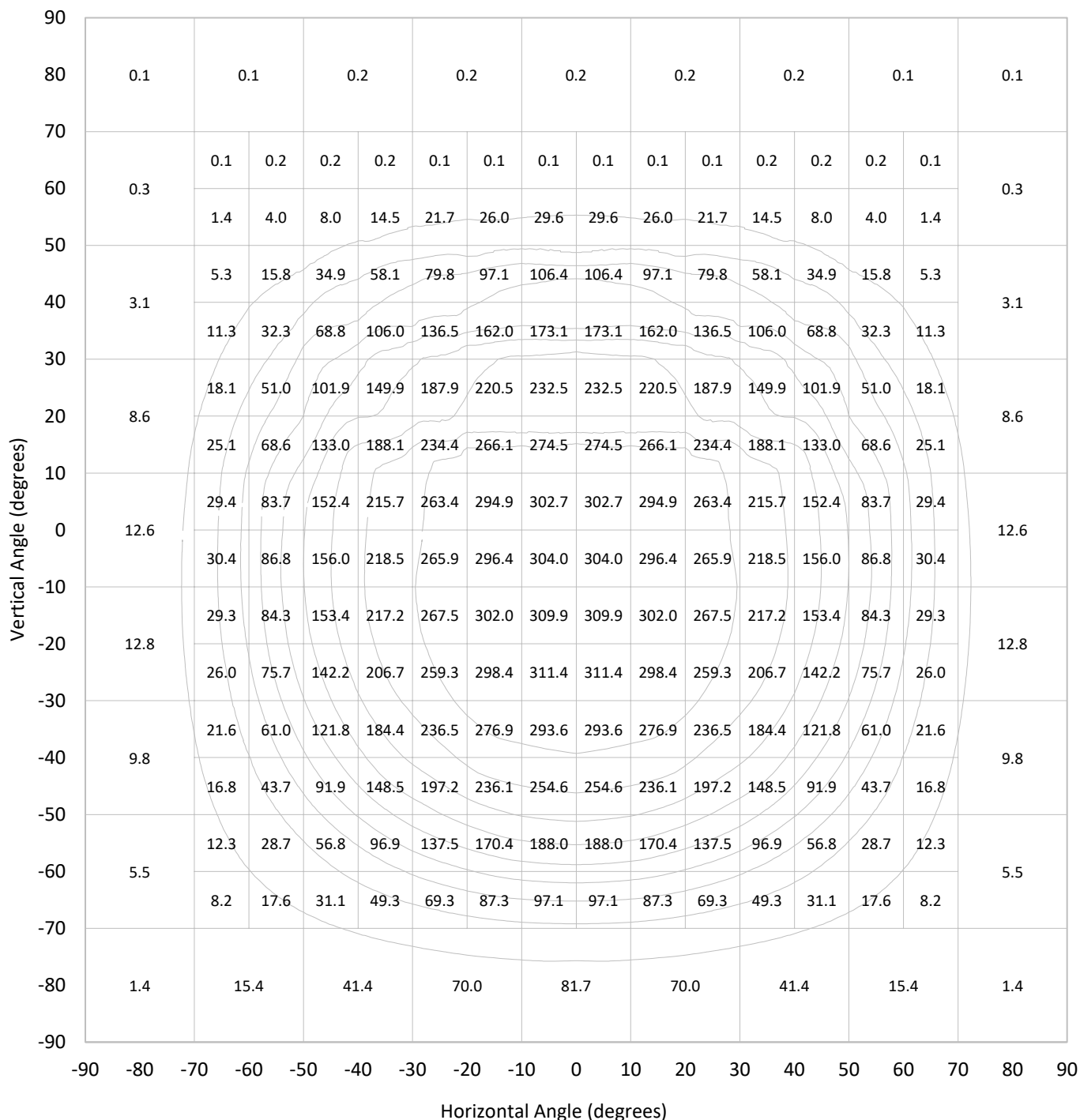
Iso-Candela Plot





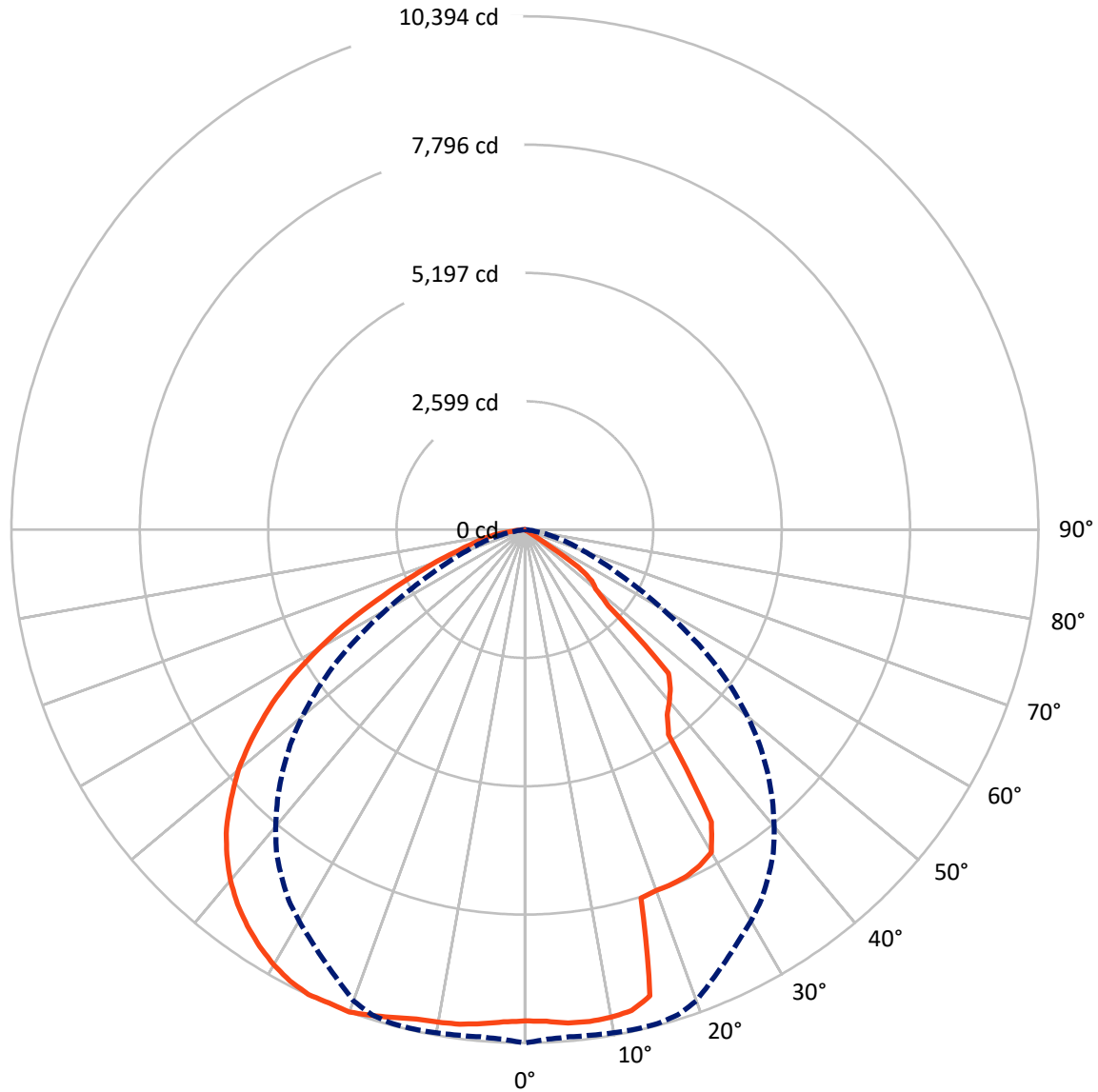
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Lumen Table



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-VSR-XX

Luminous Intensity Polar Plot

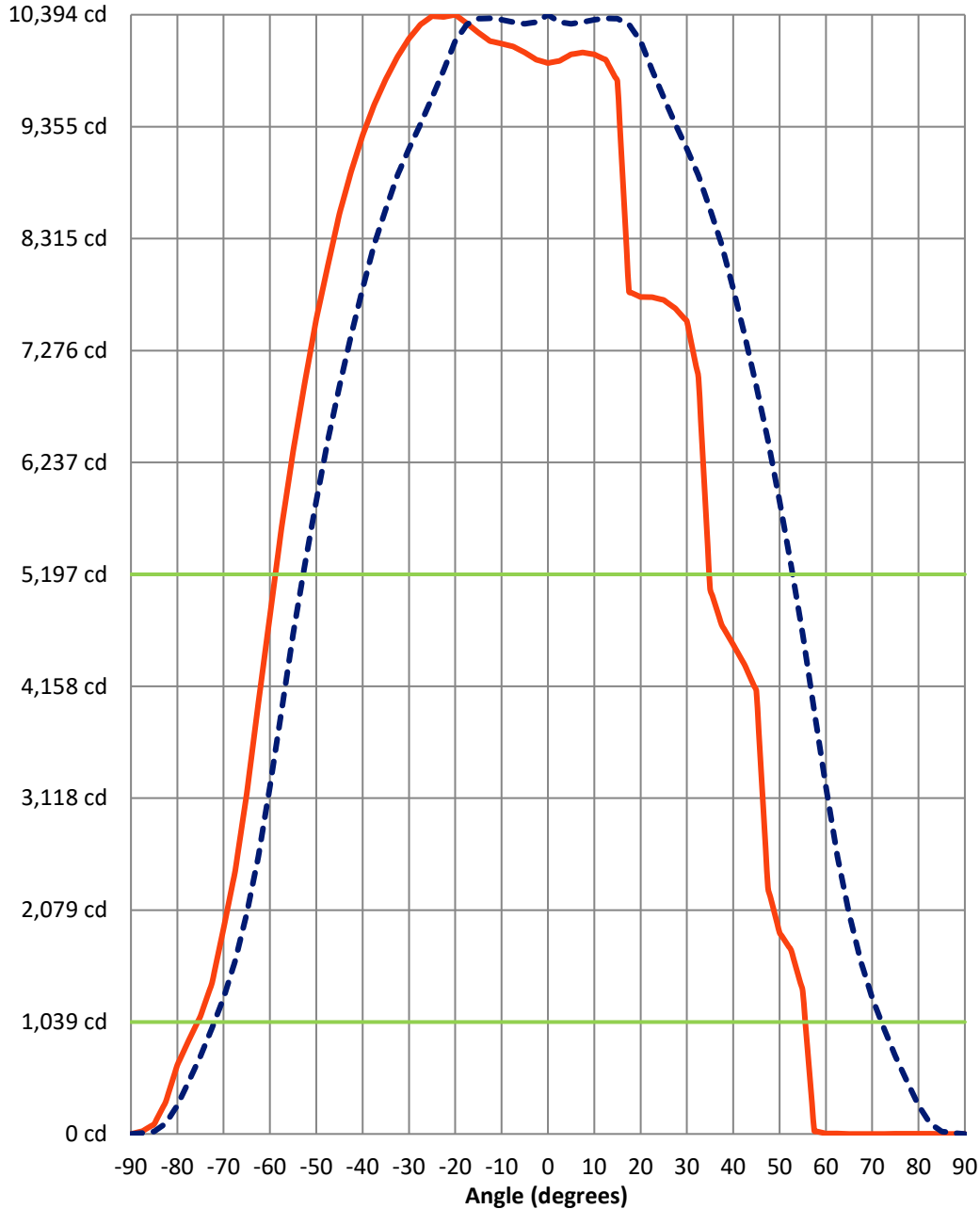


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 19052.9
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 23888.3
 Efficiency: 98.0%

Spill:
 Lumens: 484
 Efficiency: 2.0%

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



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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 | 0.4 | 0.6 | 0.8 | 1.0 | 1.1 | 1.2 | 1.1 | 1.1 | 0.9 |
| 85° | 0.0 | 0.5 | 0.8 | 1.1 | 1.5 | 1.9 | 2.3 | 2.3 | 2.3 | 2.1 | 1.9 |
| 82.5° | 0.0 | 0.7 | 1.2 | 1.7 | 2.3 | 2.8 | 3.4 | 3.5 | 3.3 | 2.8 | 2.2 |
| 80° | 0.0 | 1.0 | 1.5 | 2.3 | 3.0 | 3.8 | 4.4 | 3.9 | 3.4 | 2.8 | 2.3 |
| 77.5° | 0.0 | 1.2 | 1.9 | 2.8 | 3.8 | 4.4 | 4.4 | 3.9 | 3.4 | 2.9 | 2.3 |
| 75° | 0.0 | 1.4 | 2.3 | 3.4 | 4.4 | 4.6 | 4.5 | 4.0 | 3.4 | 2.9 | 2.4 |
| 72.5° | 0.0 | 1.7 | 2.7 | 4.0 | 4.6 | 4.7 | 4.5 | 4.0 | 3.5 | 3.0 | 2.4 |
| 70° | 0.0 | 1.9 | 3.1 | 4.4 | 4.9 | 4.9 | 4.6 | 4.1 | 3.5 | 3.1 | 3.5 |
| 67.5° | 0.0 | 2.2 | 3.5 | 4.7 | 5.1 | 5.1 | 5.2 | 4.1 | 3.7 | 4.9 | 5.0 |
| 65° | 0.0 | 2.4 | 3.9 | 4.9 | 5.3 | 5.9 | 5.9 | 4.2 | 5.9 | 6.9 | 8.7 |
| 62.5° | 0.0 | 2.6 | 4.3 | 5.1 | 5.6 | 7.3 | 6.9 | 5.9 | 8.2 | 12.1 | 19.3 |
| 60° | 0.0 | 2.9 | 4.7 | 5.4 | 5.8 | 8.9 | 8.2 | 8.3 | 10.6 | 30.8 | 33.5 |
| 57.5° | 0.0 | 3.1 | 5.0 | 5.6 | 7.5 | 10.7 | 15.2 | 11.8 | 30.1 | 52.3 | 60.8 |
| 55° | 0.0 | 3.3 | 5.2 | 5.9 | 9.4 | 12.6 | 24.2 | 19.1 | 55.9 | 80.8 | 98.5 |
| 52.5° | 0.0 | 3.5 | 5.5 | 6.1 | 11.3 | 16.1 | 34.7 | 48.6 | 84.0 | 126.8 | 142.8 |
| 50° | 0.0 | 3.7 | 5.7 | 6.4 | 13.4 | 27.5 | 46.8 | 82.1 | 120.2 | 177.9 | 223.1 |
| 47.5° | 0.0 | 4.0 | 6.0 | 7.0 | 15.5 | 39.8 | 62.9 | 117.3 | 173.1 | 234.3 | 305.1 |
| 45° | 0.0 | 4.2 | 6.3 | 8.7 | 17.7 | 52.9 | 94.9 | 154.0 | 232.4 | 305.4 | 384.8 |
| 42.5° | 0.0 | 4.4 | 6.6 | 10.3 | 20.0 | 66.9 | 127.7 | 200.7 | 292.7 | 374.6 | 476.6 |
| 40° | 0.0 | 4.6 | 6.8 | 12.5 | 26.9 | 81.7 | 161.3 | 253.7 | 354.9 | 442.5 | 574.9 |
| 37.5° | 0.0 | 4.8 | 7.1 | 15.2 | 38.5 | 97.2 | 195.4 | 306.9 | 420.0 | 524.1 | 677.5 |
| 35° | 0.0 | 4.9 | 7.4 | 18.1 | 50.2 | 120.8 | 230.2 | 360.0 | 486.2 | 624.3 | 798.8 |
| 32.5° | 0.0 | 5.1 | 7.7 | 21.4 | 62.1 | 148.2 | 267.8 | 413.0 | 553.3 | 725.1 | 946.4 |
| 30° | 0.0 | 5.3 | 8.0 | 24.9 | 74.1 | 175.3 | 310.8 | 466.4 | 620.8 | 826.1 | 1087.9 |
| 27.5° | 0.0 | 5.5 | 8.3 | 28.6 | 88.9 | 202.2 | 353.0 | 522.1 | 695.1 | 927.0 | 1223.2 |
| 25° | 0.0 | 5.6 | 8.6 | 32.6 | 104.1 | 228.5 | 394.1 | 577.2 | 779.0 | 1037.1 | 1352.2 |
| 22.5° | 0.0 | 5.8 | 8.9 | 36.7 | 119.2 | 255.5 | 434.1 | 631.3 | 861.1 | 1147.2 | 1482.7 |
| 20° | 0.0 | 5.9 | 9.1 | 40.9 | 134.2 | 284.4 | 472.7 | 684.3 | 941.2 | 1251.1 | 1610.1 |
| 17.5° | 0.0 | 6.1 | 9.4 | 45.2 | 149.0 | 312.3 | 510.9 | 735.8 | 1018.7 | 1348.6 | 1733.5 |
| 15° | 0.0 | 6.2 | 9.7 | 49.6 | 163.4 | 339.2 | 547.6 | 783.7 | 1093.1 | 1439.5 | 1852.1 |
| 12.5° | 0.0 | 6.3 | 10.0 | 53.9 | 177.3 | 364.8 | 581.9 | 826.4 | 1152.5 | 1523.7 | 1964.9 |
| 10° | 0.0 | 6.4 | 10.2 | 58.1 | 190.6 | 389.0 | 613.8 | 865.7 | 1196.8 | 1574.3 | 2056.8 |
| 7.5° | 0.0 | 6.5 | 10.5 | 62.2 | 203.2 | 411.6 | 643.0 | 901.6 | 1234.5 | 1613.4 | 2110.4 |
| 5° | 0.0 | 6.6 | 10.7 | 66.1 | 214.9 | 432.4 | 669.6 | 933.9 | 1266.0 | 1645.0 | 2154.0 |
| 2.5° | 0.0 | 6.6 | 10.9 | 69.8 | 225.6 | 451.4 | 693.5 | 962.5 | 1291.5 | 1669.3 | 2187.3 |
| 0° | 0.0 | 6.7 | 11.1 | 73.2 | 235.2 | 468.2 | 714.5 | 987.5 | 1311.5 | 1686.5 | 2210.2 |
| -2.5° | 0.0 | 7.1 | 12.8 | 78.0 | 244.2 | 478.9 | 725.0 | 1002.0 | 1318.7 | 1708.3 | 2225.1 |
| -5° | 0.0 | 7.4 | 14.5 | 82.4 | 251.8 | 487.3 | 732.6 | 1012.7 | 1321.1 | 1722.4 | 2229.9 |
| -7.5° | 0.0 | 7.8 | 16.2 | 86.3 | 258.0 | 493.4 | 737.5 | 1019.3 | 1319.3 | 1728.2 | 2224.9 |
| -10° | 0.0 | 8.1 | 17.8 | 89.7 | 262.7 | 497.3 | 739.7 | 1021.9 | 1313.6 | 1724.8 | 2210.8 |
| -12.5° | 0.0 | 8.4 | 19.3 | 92.6 | 265.9 | 498.8 | 739.3 | 1020.2 | 1304.5 | 1710.9 | 2186.6 |
| -15° | 0.0 | 8.7 | 20.8 | 94.9 | 267.4 | 498.1 | 736.4 | 1014.2 | 1294.2 | 1683.7 | 2151.4 |
| -17.5° | 0.0 | 8.9 | 22.1 | 96.5 | 267.2 | 495.1 | 731.1 | 1001.9 | 1281.6 | 1649.8 | 2105.5 |
| -20° | 0.0 | 9.1 | 23.3 | 97.5 | 265.3 | 489.9 | 722.7 | 984.5 | 1263.7 | 1609.4 | 2049.0 |

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Scaled Data Report



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|--------|--------|--------|
| -22.5° | 0.0 | 9.3 | 24.4 | 97.8 | 261.5 | 482.4 | 710.6 | 963.5 | 1240.4 | 1562.8 | 1981.9 |
| -25° | 0.0 | 9.5 | 25.4 | 97.3 | 256.0 | 470.8 | 695.7 | 939.2 | 1211.6 | 1510.4 | 1904.2 |
| -27.5° | 0.0 | 9.6 | 26.2 | 96.1 | 248.5 | 456.4 | 678.0 | 911.5 | 1177.2 | 1459.6 | 1835.4 |
| -30° | 0.0 | 9.6 | 26.9 | 94.2 | 239.2 | 439.9 | 657.6 | 880.7 | 1139.7 | 1416.7 | 1761.9 |
| -32.5° | 0.0 | 9.7 | 27.4 | 91.4 | 228.3 | 421.5 | 634.4 | 852.2 | 1099.8 | 1367.0 | 1683.3 |
| -35° | 0.0 | 9.6 | 27.8 | 87.8 | 216.2 | 401.2 | 609.3 | 822.2 | 1056.8 | 1310.8 | 1599.9 |
| -37.5° | 0.0 | 9.6 | 28.0 | 83.4 | 202.9 | 380.8 | 582.4 | 789.0 | 1010.6 | 1247.9 | 1517.5 |
| -40° | 0.0 | 9.5 | 28.0 | 78.2 | 188.4 | 362.3 | 553.3 | 752.6 | 961.5 | 1188.6 | 1436.2 |
| -42.5° | 0.0 | 9.3 | 27.9 | 72.6 | 177.4 | 342.5 | 522.3 | 713.3 | 914.1 | 1125.9 | 1348.7 |
| -45° | 0.0 | 9.2 | 27.5 | 66.9 | 169.9 | 321.4 | 489.3 | 672.6 | 865.5 | 1059.0 | 1257.9 |
| -47.5° | 0.0 | 8.9 | 27.0 | 60.4 | 161.0 | 299.1 | 454.4 | 631.8 | 813.5 | 988.9 | 1179.4 |
| -50° | 0.0 | 8.7 | 26.4 | 58.2 | 150.8 | 275.7 | 425.2 | 589.1 | 756.0 | 924.5 | 1097.3 |
| -52.5° | 0.0 | 8.4 | 25.5 | 57.1 | 139.3 | 251.1 | 396.0 | 544.4 | 701.0 | 858.2 | 1013.0 |
| -55° | 0.0 | 8.0 | 24.5 | 55.3 | 126.6 | 232.5 | 365.7 | 499.2 | 645.9 | 790.1 | 938.1 |
| -57.5° | 0.0 | 7.6 | 23.3 | 52.9 | 112.6 | 213.5 | 334.2 | 463.3 | 588.8 | 724.7 | 861.6 |
| -60° | 0.0 | 7.2 | 22.0 | 49.9 | 97.9 | 192.9 | 302.3 | 423.7 | 531.6 | 658.8 | 785.2 |
| -62.5° | 0.0 | 6.7 | 20.7 | 46.4 | 91.0 | 170.6 | 273.1 | 380.5 | 478.8 | 591.0 | 710.3 |
| -65° | 0.0 | 6.2 | 19.2 | 42.3 | 83.0 | 146.8 | 241.8 | 335.7 | 422.8 | 523.0 | 633.7 |
| -67.5° | 0.0 | 5.7 | 17.6 | 37.8 | 74.2 | 126.9 | 208.6 | 291.2 | 363.9 | 452.0 | 550.9 |
| -70° | 0.0 | 5.1 | 15.9 | 32.8 | 64.5 | 111.0 | 173.5 | 245.7 | 311.0 | 377.7 | 462.8 |
| -72.5° | 0.0 | 4.6 | 14.2 | 28.8 | 54.1 | 94.0 | 146.8 | 199.1 | 257.3 | 316.2 | 375.9 |
| -75° | 0.0 | 3.9 | 12.3 | 25.1 | 43.1 | 75.9 | 120.0 | 160.5 | 202.5 | 253.9 | 306.0 |
| -77.5° | 0.0 | 3.3 | 10.4 | 21.1 | 35.6 | 57.0 | 91.9 | 124.0 | 157.5 | 193.7 | 235.0 |
| -80° | 0.0 | 2.7 | 8.4 | 17.1 | 28.8 | 43.4 | 62.7 | 86.9 | 112.8 | 140.8 | 170.9 |
| -82.5° | 0.0 | 2.0 | 6.3 | 12.9 | 21.7 | 32.8 | 46.0 | 55.8 | 67.4 | 87.1 | 108.4 |
| -85° | 0.0 | 1.4 | 4.2 | 8.6 | 14.6 | 22.0 | 30.9 | 37.3 | 43.9 | 50.8 | 58.0 |
| -87.5° | 0.0 | 0.7 | 2.1 | 4.3 | 7.3 | 11.0 | 15.5 | 18.7 | 22.0 | 25.5 | 29.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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° | 1.0 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 |
| 85° | 2.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 80° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 77.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 75° | 2.2 | 2.2 | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 72.5° | 2.6 | 2.8 | 2.8 | 2.5 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 70° | 3.4 | 3.5 | 3.1 | 2.6 | 2.2 | 2.3 | 2.5 | 2.4 | 2.2 | 2.2 | 2.2 |
| 67.5° | 4.2 | 3.7 | 3.2 | 3.0 | 3.0 | 3.3 | 3.2 | 2.7 | 2.2 | 2.2 | 2.3 |
| 65° | 4.3 | 3.8 | 5.5 | 6.2 | 4.6 | 3.9 | 3.4 | 2.8 | 3.0 | 3.2 | 3.2 |
| 62.5° | 6.6 | 8.3 | 10.6 | 18.7 | 14.0 | 4.0 | 7.3 | 8.6 | 6.3 | 5.2 | 5.6 |
| 60° | 21.6 | 14.7 | 43.7 | 62.6 | 39.1 | 14.3 | 17.4 | 57.9 | 50.3 | 9.3 | 31.4 |
| 57.5° | 45.6 | 62.5 | 115.2 | 117.2 | 81.1 | 55.9 | 162.8 | 188.0 | 142.3 | 83.1 | 127.0 |
| 55° | 100.4 | 154.2 | 191.0 | 176.8 | 193.0 | 292.4 | 347.4 | 312.1 | 262.8 | 404.1 | 516.3 |
| 52.5° | 196.0 | 251.0 | 263.4 | 302.5 | 432.9 | 497.4 | 476.6 | 509.7 | 661.0 | 820.9 | 855.6 |
| 50° | 289.4 | 334.3 | 369.3 | 534.0 | 636.1 | 642.5 | 690.0 | 839.8 | 1041.6 | 1139.4 | 1115.8 |
| 47.5° | 379.6 | 426.2 | 589.3 | 747.5 | 793.3 | 856.2 | 974.7 | 1264.0 | 1477.7 | 1481.9 | 1457.8 |
| 45° | 475.0 | 599.3 | 807.5 | 910.7 | 985.1 | 1106.6 | 1392.9 | 1791.9 | 1812.6 | 1870.6 | 2227.3 |
| 42.5° | 577.1 | 794.9 | 976.5 | 1083.8 | 1204.0 | 1430.8 | 1812.8 | 2074.6 | 2164.6 | 2418.5 | 2705.3 |
| 40° | 742.3 | 983.8 | 1142.5 | 1279.7 | 1434.3 | 1765.0 | 2183.4 | 2428.7 | 2501.9 | 2721.6 | 2937.2 |
| 37.5° | 910.0 | 1141.5 | 1319.3 | 1484.9 | 1699.1 | 2145.6 | 2629.7 | 2832.0 | 2869.0 | 2909.2 | 3386.9 |
| 35° | 1071.5 | 1303.3 | 1516.2 | 1732.8 | 1995.4 | 2638.3 | 3061.4 | 3251.6 | 3245.7 | 3516.9 | 4017.2 |
| 32.5° | 1222.5 | 1468.6 | 1720.0 | 2009.6 | 2443.1 | 3101.7 | 3524.9 | 3638.8 | 3811.5 | 4206.2 | 4889.0 |
| 30° | 1373.2 | 1653.1 | 1941.7 | 2286.8 | 2835.9 | 3406.7 | 3889.9 | 4073.1 | 4369.1 | 4819.6 | 5316.5 |
| 27.5° | 1528.5 | 1842.3 | 2191.2 | 2595.6 | 3145.9 | 3670.6 | 4083.3 | 4521.1 | 4808.7 | 5212.4 | 5565.9 |
| 25° | 1683.2 | 2042.5 | 2437.6 | 2865.6 | 3367.5 | 3856.6 | 4283.4 | 4789.0 | 5097.8 | 5423.2 | 5753.0 |
| 22.5° | 1845.4 | 2245.6 | 2691.7 | 3079.6 | 3554.4 | 4014.6 | 4522.8 | 5071.2 | 5472.7 | 5679.5 | 5900.9 |
| 20° | 2015.0 | 2465.2 | 2941.1 | 3370.7 | 3738.8 | 4161.5 | 4763.1 | 5429.4 | 5947.7 | 6180.5 | 6210.8 |
| 17.5° | 2182.1 | 2678.0 | 3189.7 | 3654.8 | 4051.8 | 4428.0 | 5015.4 | 5858.6 | 6503.1 | 6719.5 | 6815.6 |
| 15° | 2345.1 | 2882.7 | 3437.0 | 3931.3 | 4367.0 | 4827.1 | 5454.4 | 6311.9 | 7048.7 | 7288.1 | 7439.5 |
| 12.5° | 2502.4 | 3078.0 | 3680.2 | 4198.6 | 4682.6 | 5198.6 | 5853.0 | 6638.0 | 7310.5 | 7773.6 | 8051.3 |
| 10° | 2652.3 | 3262.3 | 3916.3 | 4455.2 | 4994.5 | 5543.2 | 6182.9 | 6880.9 | 7428.4 | 7875.0 | 8269.3 |
| 7.5° | 2727.9 | 3382.7 | 4119.1 | 4699.4 | 5298.6 | 5861.6 | 6453.0 | 7052.1 | 7513.2 | 7951.3 | 8332.6 |
| 5° | 2779.3 | 3432.2 | 4182.5 | 4784.5 | 5460.1 | 6074.1 | 6648.2 | 7164.6 | 7568.7 | 8002.9 | 8375.3 |
| 2.5° | 2816.0 | 3464.3 | 4225.4 | 4831.1 | 5520.8 | 6139.4 | 6704.4 | 7202.3 | 7614.4 | 8039.8 | 8421.1 |
| 0° | 2838.2 | 3479.5 | 4247.3 | 4859.8 | 5558.8 | 6182.4 | 6737.1 | 7216.5 | 7644.8 | 8057.5 | 8468.0 |
| -2.5° | 2850.7 | 3526.1 | 4261.9 | 4933.4 | 5595.5 | 6219.4 | 6782.8 | 7250.7 | 7698.3 | 8091.0 | 8502.6 |
| -5° | 2849.2 | 3553.9 | 4258.1 | 4982.9 | 5613.1 | 6233.9 | 6805.7 | 7266.2 | 7727.4 | 8116.2 | 8516.7 |
| -7.5° | 2833.8 | 3560.3 | 4238.8 | 4998.5 | 5613.8 | 6229.0 | 6795.7 | 7273.7 | 7726.9 | 8139.2 | 8518.0 |
| -10° | 2806.2 | 3535.2 | 4221.1 | 4958.4 | 5592.3 | 6203.8 | 6765.0 | 7257.4 | 7708.8 | 8134.6 | 8510.6 |
| -12.5° | 2773.7 | 3483.3 | 4184.1 | 4900.6 | 5548.5 | 6156.5 | 6718.5 | 7215.8 | 7675.1 | 8099.8 | 8493.7 |
| -15° | 2724.8 | 3414.3 | 4123.3 | 4827.3 | 5481.9 | 6087.9 | 6658.0 | 7148.0 | 7623.0 | 8038.9 | 8443.3 |
| -17.5° | 2659.2 | 3328.7 | 4037.8 | 4740.2 | 5392.2 | 5998.3 | 6580.4 | 7058.5 | 7531.2 | 7960.9 | 8351.2 |
| -20° | 2576.6 | 3227.4 | 3926.7 | 4641.3 | 5278.3 | 5878.0 | 6442.0 | 6942.6 | 7412.3 | 7849.4 | 8259.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-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° | 2476.6 | 3110.9 | 3792.9 | 4507.8 | 5136.2 | 5729.1 | 6286.3 | 6795.0 | 7281.7 | 7704.4 | 8141.4 |
| -25° | 2376.6 | 2987.8 | 3645.0 | 4323.0 | 4971.1 | 5561.5 | 6120.3 | 6615.9 | 7113.3 | 7553.1 | 7968.1 |
| -27.5° | 2280.6 | 2845.0 | 3473.3 | 4119.5 | 4784.0 | 5371.6 | 5925.4 | 6421.4 | 6904.2 | 7385.0 | 7784.6 |
| -30° | 2173.0 | 2679.7 | 3285.1 | 3902.4 | 4550.1 | 5148.4 | 5706.3 | 6220.9 | 6680.4 | 7155.2 | 7584.3 |
| -32.5° | 2054.3 | 2504.4 | 3086.3 | 3680.1 | 4290.9 | 4902.4 | 5455.1 | 5966.3 | 6444.3 | 6893.4 | 7343.8 |
| -35° | 1938.2 | 2362.8 | 2875.7 | 3441.5 | 4016.2 | 4616.2 | 5169.3 | 5675.6 | 6171.7 | 6616.5 | 7047.0 |
| -37.5° | 1833.8 | 2209.6 | 2651.7 | 3192.3 | 3741.6 | 4309.0 | 4871.6 | 5361.7 | 5833.8 | 6322.8 | 6742.6 |
| -40° | 1720.8 | 2045.0 | 2457.9 | 2935.7 | 3453.3 | 3992.9 | 4531.6 | 5038.6 | 5482.4 | 5965.8 | 6427.4 |
| -42.5° | 1602.5 | 1910.9 | 2266.6 | 2664.0 | 3152.7 | 3661.4 | 4181.4 | 4677.3 | 5138.2 | 5594.2 | 6051.7 |
| -45° | 1498.8 | 1769.0 | 2072.0 | 2435.1 | 2832.9 | 3311.4 | 3803.7 | 4298.1 | 4740.4 | 5174.9 | 5626.7 |
| -47.5° | 1388.6 | 1626.4 | 1906.5 | 2196.6 | 2542.4 | 2942.5 | 3405.4 | 3861.3 | 4314.1 | 4727.6 | 5127.4 |
| -50° | 1278.8 | 1498.0 | 1728.2 | 1989.3 | 2274.7 | 2599.0 | 2983.5 | 3407.3 | 3820.9 | 4245.4 | 4641.4 |
| -52.5° | 1184.3 | 1363.0 | 1571.0 | 1788.9 | 2033.2 | 2301.5 | 2609.6 | 2957.7 | 3333.8 | 3694.0 | 4089.1 |
| -55° | 1086.1 | 1247.2 | 1415.1 | 1606.9 | 1810.2 | 2036.7 | 2289.2 | 2581.8 | 2868.8 | 3202.0 | 3524.5 |
| -57.5° | 996.6 | 1132.4 | 1275.6 | 1434.0 | 1610.6 | 1791.8 | 2012.6 | 2240.2 | 2500.6 | 2759.5 | 3015.0 |
| -60° | 912.2 | 1023.2 | 1144.6 | 1278.7 | 1420.7 | 1582.0 | 1746.7 | 1942.2 | 2152.0 | 2358.6 | 2575.3 |
| -62.5° | 827.0 | 920.4 | 1019.5 | 1130.9 | 1254.6 | 1376.5 | 1517.1 | 1667.7 | 1822.1 | 1997.3 | 2168.2 |
| -65° | 739.6 | 815.1 | 899.0 | 991.4 | 1090.2 | 1193.9 | 1302.0 | 1413.5 | 1544.8 | 1673.2 | 1797.4 |
| -67.5° | 646.7 | 711.2 | 779.1 | 851.9 | 934.7 | 1016.2 | 1097.6 | 1191.8 | 1288.5 | 1383.5 | 1482.0 |
| -70° | 543.6 | 604.6 | 661.2 | 720.1 | 781.7 | 845.5 | 915.1 | 984.2 | 1052.3 | 1123.5 | 1202.6 |
| -72.5° | 438.9 | 495.0 | 544.8 | 588.4 | 638.9 | 691.9 | 742.8 | 791.3 | 842.7 | 896.7 | 950.2 |
| -75° | 350.0 | 387.1 | 431.5 | 472.2 | 512.4 | 549.7 | 583.3 | 624.4 | 667.3 | 706.6 | 738.9 |
| -77.5° | 273.2 | 306.8 | 337.3 | 364.5 | 396.5 | 434.0 | 466.6 | 494.6 | 521.9 | 551.7 | 583.2 |
| -80° | 198.8 | 226.7 | 254.4 | 279.6 | 298.0 | 319.2 | 344.2 | 372.8 | 397.7 | 417.9 | 436.3 |
| -82.5° | 128.3 | 148.5 | 169.1 | 190.1 | 198.6 | 204.5 | 210.0 | 220.0 | 235.3 | 250.5 | 264.9 |
| -85° | 64.0 | 69.8 | 82.4 | 95.3 | 99.7 | 102.9 | 105.0 | 106.2 | 111.4 | 116.2 | 120.4 |
| -87.5° | 32.0 | 34.9 | 37.8 | 40.7 | 39.2 | 37.1 | 34.5 | 31.4 | 30.7 | 29.8 | 28.6 |
| -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: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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° | 1.8 | 1.9 | 1.9 | 2.0 | 2.0 | 1.5 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| 85° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.0 | 2.1 | 1.6 | 1.1 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 80° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 77.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 75° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 72.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 70° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 67.5° | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 1.9 | 1.4 |
| 65° | 3.1 | 3.0 | 3.2 | 3.1 | 2.7 | 2.6 | 2.7 | 2.7 | 2.4 | 1.9 | 1.3 |
| 62.5° | 5.6 | 6.3 | 5.0 | 4.9 | 4.8 | 4.6 | 4.5 | 4.2 | 3.9 | 3.7 | 3.9 |
| 60° | 34.8 | 20.6 | 12.1 | 14.1 | 12.6 | 8.4 | 10.7 | 12.5 | 12.6 | 11.5 | 10.2 |
| 57.5° | 192.9 | 144.1 | 106.7 | 254.7 | 255.4 | 122.0 | 146.9 | 230.9 | 190.2 | 62.5 | 58.0 |
| 55° | 536.6 | 641.8 | 844.7 | 802.3 | 815.3 | 937.8 | 1024.0 | 906.6 | 888.7 | 947.1 | 1094.0 |
| 52.5° | 964.0 | 1064.3 | 1132.5 | 1196.3 | 1274.1 | 1357.6 | 1443.7 | 1498.4 | 1549.6 | 1604.1 | 1636.5 |
| 50° | 1231.1 | 1372.4 | 1469.4 | 1433.7 | 1634.8 | 1717.1 | 1633.5 | 1708.2 | 1799.3 | 1824.2 | 1835.9 |
| 47.5° | 1817.8 | 2025.0 | 2066.1 | 2199.6 | 2319.6 | 2317.0 | 2215.1 | 2221.1 | 2492.2 | 2731.3 | 2848.8 |
| 45° | 2612.4 | 2619.4 | 2749.7 | 2985.5 | 3154.0 | 3100.9 | 3243.2 | 3566.5 | 3674.1 | 3778.2 | 3863.5 |
| 42.5° | 2921.9 | 3050.2 | 3258.1 | 3466.6 | 3592.2 | 3701.2 | 3806.5 | 3925.3 | 4065.1 | 4178.4 | 4269.0 |
| 40° | 3221.6 | 3325.0 | 3537.9 | 3705.9 | 3809.9 | 3911.7 | 4034.3 | 4166.0 | 4293.9 | 4393.5 | 4461.4 |
| 37.5° | 3683.0 | 3763.1 | 3815.0 | 3970.9 | 4167.7 | 4076.8 | 4309.6 | 4476.5 | 4552.8 | 4654.0 | 4663.1 |
| 35° | 4381.0 | 4327.7 | 4258.6 | 4879.0 | 4916.1 | 4706.6 | 4924.3 | 5183.1 | 5046.7 | 5330.8 | 5483.6 |
| 32.5° | 4999.8 | 4991.8 | 5533.3 | 5859.4 | 5671.8 | 5825.0 | 6326.9 | 6304.6 | 6639.2 | 6794.4 | 6750.2 |
| 30° | 5582.7 | 5781.6 | 6094.8 | 6337.7 | 6370.2 | 6611.8 | 6834.7 | 7029.9 | 7231.9 | 7412.9 | 7425.3 |
| 27.5° | 5878.7 | 6138.2 | 6350.8 | 6491.4 | 6648.3 | 6851.5 | 7053.8 | 7273.6 | 7445.4 | 7558.9 | 7586.6 |
| 25° | 6057.7 | 6322.9 | 6483.8 | 6635.1 | 6808.3 | 6983.7 | 7210.1 | 7449.6 | 7587.5 | 7657.6 | 7679.9 |
| 22.5° | 6215.5 | 6453.8 | 6626.8 | 6749.6 | 6935.9 | 7124.6 | 7335.7 | 7538.5 | 7688.4 | 7718.9 | 7730.1 |
| 20° | 6367.4 | 6596.3 | 6885.4 | 7066.1 | 7057.1 | 7269.6 | 7473.1 | 7634.4 | 7759.3 | 7758.6 | 7761.6 |
| 17.5° | 6806.9 | 6888.6 | 7413.2 | 7811.4 | 7614.2 | 7510.2 | 8069.7 | 8080.3 | 8113.6 | 8047.5 | 7904.3 |
| 15° | 7457.6 | 7606.4 | 8250.8 | 8682.5 | 8546.5 | 8539.4 | 9347.6 | 9147.2 | 9319.7 | 9274.5 | 9468.7 |
| 12.5° | 8146.9 | 8323.1 | 8804.6 | 9228.5 | 9430.4 | 9480.1 | 9750.1 | 10003.0 | 10054.9 | 10034.5 | 9996.3 |
| 10° | 8616.5 | 8867.4 | 9060.8 | 9318.1 | 9521.8 | 9729.7 | 9886.1 | 10067.6 | 10127.2 | 10092.8 | 10044.2 |
| 7.5° | 8677.6 | 8925.7 | 9152.7 | 9378.5 | 9572.5 | 9740.0 | 9902.2 | 10050.1 | 10110.6 | 10090.6 | 10057.3 |
| 5° | 8716.5 | 8941.2 | 9161.3 | 9390.3 | 9575.8 | 9731.0 | 9892.7 | 10042.6 | 10078.3 | 10054.2 | 10021.6 |
| 2.5° | 8740.5 | 8948.4 | 9160.6 | 9388.7 | 9557.1 | 9704.9 | 9868.6 | 10028.4 | 10028.1 | 10017.6 | 9998.6 |
| 0° | 8752.1 | 8960.7 | 9207.0 | 9413.4 | 9602.0 | 9741.8 | 9903.8 | 10059.1 | 10048.0 | 10019.2 | 9985.9 |
| -2.5° | 8777.0 | 8988.4 | 9239.7 | 9410.8 | 9623.4 | 9751.5 | 9918.9 | 10053.4 | 10048.3 | 10034.0 | 10017.6 |
| -5° | 8799.2 | 9037.0 | 9272.1 | 9452.0 | 9665.2 | 9832.6 | 9999.0 | 10104.2 | 10109.8 | 10090.0 | 10062.3 |
| -7.5° | 8812.8 | 9076.3 | 9300.7 | 9481.3 | 9688.1 | 9882.8 | 10051.6 | 10161.9 | 10164.4 | 10138.1 | 10105.0 |
| -10° | 8808.3 | 9086.5 | 9317.4 | 9504.1 | 9715.9 | 9908.1 | 10084.6 | 10224.5 | 10220.0 | 10195.0 | 10166.6 |
| -12.5° | 8791.6 | 9069.5 | 9306.7 | 9493.9 | 9734.4 | 9932.3 | 10130.8 | 10270.0 | 10277.4 | 10258.7 | 10228.0 |
| -15° | 8755.1 | 9042.0 | 9272.6 | 9477.1 | 9712.8 | 9944.2 | 10148.1 | 10301.7 | 10329.2 | 10313.8 | 10289.6 |
| -17.5° | 8682.8 | 8985.5 | 9230.2 | 9450.5 | 9676.6 | 9923.3 | 10155.3 | 10323.3 | 10360.7 | 10354.6 | 10334.5 |
| -20° | 8587.8 | 8900.3 | 9148.6 | 9379.5 | 9625.6 | 9879.7 | 10149.7 | 10303.2 | 10357.5 | 10361.0 | 10347.4 |



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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° | 8481.3 | 8787.1 | 9050.6 | 9277.6 | 9544.4 | 9801.6 | 10046.1 | 10225.9 | 10317.2 | 10334.2 | 10335.3 |
| -25° | 8353.5 | 8667.8 | 8929.5 | 9171.3 | 9419.5 | 9685.1 | 9932.1 | 10132.8 | 10225.3 | 10269.6 | 10283.3 |
| -27.5° | 8172.9 | 8497.7 | 8755.4 | 9010.8 | 9263.4 | 9537.8 | 9797.4 | 10015.6 | 10090.8 | 10151.6 | 10176.0 |
| -30° | 7961.3 | 8282.6 | 8545.2 | 8778.8 | 9067.7 | 9347.4 | 9615.4 | 9805.8 | 9919.3 | 9988.9 | 10026.9 |
| -32.5° | 7718.1 | 8042.4 | 8318.0 | 8561.9 | 8836.5 | 9116.2 | 9368.3 | 9569.1 | 9725.7 | 9805.9 | 9846.6 |
| -35° | 7454.3 | 7785.4 | 8074.0 | 8330.9 | 8589.4 | 8856.1 | 9117.2 | 9327.3 | 9505.7 | 9574.6 | 9625.6 |
| -37.5° | 7136.2 | 7501.4 | 7797.3 | 8062.3 | 8307.9 | 8558.5 | 8830.5 | 9070.7 | 9243.9 | 9310.8 | 9364.5 |
| -40° | 6810.0 | 7163.0 | 7461.4 | 7744.0 | 7986.9 | 8260.5 | 8522.6 | 8774.3 | 8924.5 | 9002.5 | 9063.3 |
| -42.5° | 6465.6 | 6784.4 | 7068.2 | 7342.8 | 7613.2 | 7894.9 | 8156.8 | 8418.4 | 8548.4 | 8642.4 | 8716.9 |
| -45° | 6068.0 | 6364.7 | 6640.5 | 6897.4 | 7176.1 | 7453.1 | 7715.2 | 7946.3 | 8101.0 | 8223.4 | 8318.6 |
| -47.5° | 5537.9 | 5899.4 | 6176.3 | 6420.6 | 6697.0 | 6964.3 | 7218.2 | 7435.5 | 7605.2 | 7748.3 | 7858.9 |
| -50° | 4999.6 | 5346.5 | 5658.8 | 5933.3 | 6189.8 | 6436.9 | 6678.6 | 6891.2 | 7070.7 | 7225.9 | 7337.9 |
| -52.5° | 4469.5 | 4794.5 | 5104.4 | 5387.8 | 5634.3 | 5867.5 | 6088.7 | 6302.6 | 6491.9 | 6657.8 | 6766.2 |
| -55° | 3870.4 | 4207.1 | 4513.6 | 4777.9 | 5024.2 | 5254.8 | 5473.1 | 5675.9 | 5862.3 | 6031.3 | 6135.2 |
| -57.5° | 3308.4 | 3603.8 | 3889.0 | 4133.0 | 4365.4 | 4585.1 | 4792.1 | 4986.2 | 5165.6 | 5324.6 | 5424.7 |
| -60° | 2791.9 | 3007.2 | 3252.7 | 3478.0 | 3684.0 | 3870.9 | 4064.1 | 4245.1 | 4409.9 | 4549.7 | 4643.0 |
| -62.5° | 2335.3 | 2513.8 | 2691.0 | 2862.3 | 3029.5 | 3197.4 | 3359.1 | 3509.3 | 3646.9 | 3761.5 | 3843.2 |
| -65° | 1928.5 | 2071.9 | 2200.1 | 2321.6 | 2437.3 | 2569.8 | 2692.7 | 2808.3 | 2915.3 | 3003.1 | 3065.4 |
| -67.5° | 1588.0 | 1688.7 | 1777.3 | 1860.6 | 1951.9 | 2045.6 | 2133.3 | 2209.7 | 2275.1 | 2327.1 | 2368.2 |
| -70° | 1280.6 | 1354.7 | 1421.5 | 1488.0 | 1554.6 | 1615.4 | 1673.5 | 1729.8 | 1783.2 | 1826.7 | 1859.4 |
| -72.5° | 1002.9 | 1053.5 | 1099.0 | 1150.2 | 1198.2 | 1244.3 | 1284.5 | 1316.9 | 1342.1 | 1366.6 | 1388.0 |
| -75° | 764.6 | 802.6 | 854.0 | 897.3 | 933.2 | 964.8 | 993.9 | 1019.7 | 1042.5 | 1062.6 | 1080.4 |
| -77.5° | 615.0 | 647.3 | 680.0 | 711.6 | 742.2 | 764.9 | 786.0 | 807.2 | 827.9 | 845.7 | 861.5 |
| -80° | 455.8 | 479.9 | 505.1 | 530.5 | 555.8 | 568.3 | 578.4 | 587.6 | 595.8 | 606.5 | 616.4 |
| -82.5° | 278.7 | 292.3 | 306.4 | 320.5 | 334.7 | 338.3 | 339.5 | 339.2 | 337.3 | 333.5 | 327.6 |
| -85° | 124.0 | 124.7 | 124.3 | 122.9 | 120.6 | 115.7 | 109.7 | 102.7 | 95.0 | 93.7 | 92.3 |
| -87.5° | 27.3 | 26.7 | 25.9 | 25.1 | 24.1 | 24.1 | 24.0 | 23.8 | 23.6 | 24.4 | 25.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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 | 0.5 |
| 85° | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.1 | 1.6 | 2.1 | 2.0 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 80° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 77.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 75° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 72.5° | 2.2 | 2.2 | 1.2 | 0.0 | 1.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 70° | 2.2 | 2.2 | 1.2 | 0.0 | 1.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 67.5° | 0.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.8 | 1.4 | 1.9 | 2.2 | 2.2 |
| 65° | 0.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.7 | 1.3 | 1.9 | 2.4 | 2.7 |
| 62.5° | 4.0 | 4.2 | 4.4 | 4.4 | 4.4 | 4.2 | 4.0 | 3.9 | 3.7 | 3.9 | 4.2 |
| 60° | 8.0 | 5.2 | 4.4 | 4.4 | 4.4 | 5.2 | 8.0 | 10.2 | 11.5 | 12.6 | 12.5 |
| 57.5° | 49.0 | 36.6 | 31.1 | 28.8 | 31.1 | 36.6 | 49.0 | 58.0 | 62.5 | 190.2 | 230.9 |
| 55° | 1199.3 | 1260.3 | 1305.9 | 1327.0 | 1305.9 | 1260.3 | 1199.3 | 1094.0 | 947.1 | 888.7 | 906.6 |
| 52.5° | 1665.1 | 1691.7 | 1707.0 | 1706.5 | 1707.0 | 1691.7 | 1665.1 | 1636.5 | 1604.1 | 1549.6 | 1498.4 |
| 50° | 1856.0 | 1868.9 | 1873.5 | 1870.7 | 1873.5 | 1868.9 | 1856.0 | 1835.9 | 1824.2 | 1799.3 | 1708.2 |
| 47.5° | 2741.5 | 2504.2 | 2329.8 | 2287.9 | 2329.8 | 2504.2 | 2741.5 | 2848.8 | 2731.3 | 2492.2 | 2221.1 |
| 45° | 3904.5 | 3994.5 | 4084.1 | 4112.0 | 4084.1 | 3994.5 | 3904.5 | 3863.5 | 3778.2 | 3674.1 | 3566.5 |
| 42.5° | 4307.2 | 4336.6 | 4353.2 | 4353.8 | 4353.2 | 4336.6 | 4307.2 | 4269.0 | 4178.4 | 4065.1 | 3925.3 |
| 40° | 4499.4 | 4527.1 | 4543.2 | 4544.7 | 4543.2 | 4527.1 | 4499.4 | 4461.4 | 4393.5 | 4293.9 | 4166.0 |
| 37.5° | 4674.1 | 4697.7 | 4713.2 | 4728.9 | 4713.2 | 4697.7 | 4674.1 | 4663.1 | 4654.0 | 4552.8 | 4476.5 |
| 35° | 5463.0 | 5284.3 | 5027.3 | 5066.2 | 5027.3 | 5284.3 | 5463.0 | 5483.6 | 5330.8 | 5046.7 | 5183.1 |
| 32.5° | 6819.3 | 6894.5 | 6941.3 | 7021.2 | 6941.3 | 6894.5 | 6819.3 | 6750.2 | 6794.4 | 6639.2 | 6304.6 |
| 30° | 7445.1 | 7470.0 | 7507.5 | 7547.1 | 7507.5 | 7470.0 | 7445.1 | 7425.3 | 7412.9 | 7231.9 | 7029.9 |
| 27.5° | 7601.3 | 7627.0 | 7649.8 | 7666.9 | 7649.8 | 7627.0 | 7601.3 | 7586.6 | 7558.9 | 7445.4 | 7273.6 |
| 25° | 7683.1 | 7699.0 | 7723.3 | 7744.6 | 7723.3 | 7699.0 | 7683.1 | 7679.9 | 7657.6 | 7587.5 | 7449.6 |
| 22.5° | 7723.6 | 7725.3 | 7744.3 | 7771.2 | 7744.3 | 7725.3 | 7723.6 | 7730.1 | 7718.9 | 7688.4 | 7538.5 |
| 20° | 7751.5 | 7736.4 | 7756.0 | 7773.5 | 7756.0 | 7736.4 | 7751.5 | 7761.6 | 7758.6 | 7759.3 | 7634.4 |
| 17.5° | 8106.3 | 7903.9 | 7820.7 | 7822.3 | 7820.7 | 7903.9 | 8106.3 | 7904.3 | 8047.5 | 8113.6 | 8080.3 |
| 15° | 9250.8 | 9326.7 | 9617.8 | 9775.1 | 9617.8 | 9326.7 | 9250.8 | 9468.7 | 9274.5 | 9319.7 | 9147.2 |
| 12.5° | 9989.3 | 9962.2 | 9927.7 | 9974.8 | 9927.7 | 9962.2 | 9989.3 | 9996.3 | 10034.5 | 10054.9 | 10003.0 |
| 10° | 10023.5 | 10020.4 | 9958.8 | 10025.8 | 9958.8 | 10020.4 | 10023.5 | 10044.2 | 10092.8 | 10127.2 | 10067.6 |
| 7.5° | 10002.5 | 10004.3 | 9978.1 | 10043.6 | 9978.1 | 10004.3 | 10002.5 | 10057.3 | 10090.6 | 10110.6 | 10050.1 |
| 5° | 10016.4 | 9971.3 | 9988.4 | 10025.8 | 9988.4 | 9971.3 | 10016.4 | 10021.6 | 10054.2 | 10078.3 | 10042.6 |
| 2.5° | 9977.6 | 9972.9 | 9939.7 | 9965.9 | 9939.7 | 9972.9 | 9977.6 | 9998.6 | 10017.6 | 10028.1 | 10028.4 |
| 0° | 9948.2 | 9923.8 | 9923.8 | 9945.9 | 9923.8 | 9923.8 | 9948.2 | 9985.9 | 10019.2 | 10048.0 | 10059.1 |
| -2.5° | 10000.6 | 9995.6 | 9992.3 | 9977.0 | 9992.3 | 9995.6 | 10000.6 | 10017.6 | 10034.0 | 10048.3 | 10053.4 |
| -5° | 10043.8 | 10030.6 | 9994.2 | 10043.6 | 9994.2 | 10030.6 | 10043.8 | 10062.3 | 10090.0 | 10109.8 | 10104.2 |
| -7.5° | 10090.2 | 10056.5 | 10022.0 | 10099.1 | 10022.0 | 10056.5 | 10090.2 | 10105.0 | 10138.1 | 10164.4 | 10161.9 |
| -10° | 10132.6 | 10083.9 | 10050.3 | 10125.7 | 10050.3 | 10083.9 | 10132.6 | 10166.6 | 10195.0 | 10220.0 | 10224.5 |
| -12.5° | 10188.6 | 10131.7 | 10109.2 | 10150.1 | 10109.2 | 10131.7 | 10188.6 | 10228.0 | 10258.7 | 10277.4 | 10270.0 |
| -15° | 10248.3 | 10208.9 | 10203.6 | 10227.8 | 10203.6 | 10208.9 | 10248.3 | 10289.6 | 10313.8 | 10329.2 | 10301.7 |
| -17.5° | 10300.8 | 10273.1 | 10286.9 | 10314.3 | 10286.9 | 10273.1 | 10300.8 | 10334.5 | 10354.6 | 10360.7 | 10323.3 |
| -20° | 10325.9 | 10310.4 | 10325.8 | 10394.2 | 10325.8 | 10310.4 | 10325.9 | 10347.4 | 10361.0 | 10357.5 | 10303.2 |



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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° | 10323.8 | 10324.7 | 10351.9 | 10374.2 | 10351.9 | 10324.7 | 10323.8 | 10335.3 | 10334.2 | 10317.2 | 10225.9 |
| -25° | 10284.4 | 10305.2 | 10336.3 | 10380.9 | 10336.3 | 10305.2 | 10284.4 | 10283.3 | 10269.6 | 10225.3 | 10132.8 |
| -27.5° | 10189.3 | 10223.8 | 10256.4 | 10303.2 | 10256.4 | 10223.8 | 10189.3 | 10176.0 | 10151.6 | 10090.8 | 10015.6 |
| -30° | 10052.0 | 10093.0 | 10122.0 | 10172.3 | 10122.0 | 10093.0 | 10052.0 | 10026.9 | 9988.9 | 9919.3 | 9805.8 |
| -32.5° | 9884.8 | 9931.2 | 9965.6 | 10001.4 | 9965.6 | 9931.2 | 9884.8 | 9846.6 | 9805.9 | 9725.7 | 9569.1 |
| -35° | 9675.9 | 9725.8 | 9762.4 | 9795.0 | 9762.4 | 9725.8 | 9675.9 | 9625.6 | 9574.6 | 9505.7 | 9327.3 |
| -37.5° | 9424.8 | 9478.7 | 9520.3 | 9557.6 | 9520.3 | 9478.7 | 9424.8 | 9364.5 | 9310.8 | 9243.9 | 9070.7 |
| -40° | 9132.3 | 9187.6 | 9231.9 | 9273.6 | 9231.9 | 9187.6 | 9132.3 | 9063.3 | 9002.5 | 8924.5 | 8774.3 |
| -42.5° | 8790.3 | 8846.1 | 8891.9 | 8934.0 | 8891.9 | 8846.1 | 8790.3 | 8716.9 | 8642.4 | 8548.4 | 8418.4 |
| -45° | 8395.4 | 8452.8 | 8501.2 | 8545.7 | 8501.2 | 8452.8 | 8395.4 | 8318.6 | 8223.4 | 8101.0 | 7946.3 |
| -47.5° | 7940.5 | 8001.9 | 8043.4 | 8064.2 | 8043.4 | 8001.9 | 7940.5 | 7858.9 | 7748.3 | 7605.2 | 7435.5 |
| -50° | 7419.1 | 7480.5 | 7530.3 | 7567.1 | 7530.3 | 7480.5 | 7419.1 | 7337.9 | 7225.9 | 7070.7 | 6891.2 |
| -52.5° | 6845.3 | 6903.7 | 6946.5 | 6972.4 | 6946.5 | 6903.7 | 6845.3 | 6766.2 | 6657.8 | 6491.9 | 6302.6 |
| -55° | 6216.9 | 6278.1 | 6318.7 | 6337.7 | 6318.7 | 6278.1 | 6216.9 | 6135.2 | 6031.3 | 5862.3 | 5675.9 |
| -57.5° | 5504.1 | 5562.3 | 5605.4 | 5629.8 | 5605.4 | 5562.3 | 5504.1 | 5424.7 | 5324.6 | 5165.6 | 4986.2 |
| -60° | 4715.7 | 4767.7 | 4800.4 | 4813.2 | 4800.4 | 4767.7 | 4715.7 | 4643.0 | 4549.7 | 4409.9 | 4245.1 |
| -62.5° | 3909.2 | 3958.4 | 3989.1 | 4001.0 | 3989.1 | 3958.4 | 3909.2 | 3843.2 | 3761.5 | 3646.9 | 3509.3 |
| -65° | 3111.8 | 3142.7 | 3159.7 | 3162.2 | 3159.7 | 3142.7 | 3111.8 | 3065.4 | 3003.1 | 2915.3 | 2808.3 |
| -67.5° | 2400.7 | 2424.1 | 2438.4 | 2443.2 | 2438.4 | 2424.1 | 2400.7 | 2368.2 | 2327.1 | 2275.1 | 2209.7 |
| -70° | 1883.7 | 1899.9 | 1909.0 | 1910.6 | 1909.0 | 1899.9 | 1883.7 | 1859.4 | 1826.7 | 1783.2 | 1729.8 |
| -72.5° | 1404.5 | 1416.1 | 1412.0 | 1402.5 | 1412.0 | 1416.1 | 1404.5 | 1388.0 | 1366.6 | 1342.1 | 1316.9 |
| -75° | 1095.6 | 1108.4 | 1103.1 | 1094.0 | 1103.1 | 1108.4 | 1095.6 | 1080.4 | 1062.6 | 1042.5 | 1019.7 |
| -77.5° | 875.3 | 886.9 | 881.2 | 872.1 | 881.2 | 886.9 | 875.3 | 861.5 | 845.7 | 827.9 | 807.2 |
| -80° | 625.0 | 631.9 | 636.7 | 639.1 | 636.7 | 631.9 | 625.0 | 616.4 | 606.5 | 595.8 | 587.6 |
| -82.5° | 319.9 | 310.5 | 304.6 | 297.4 | 304.6 | 310.5 | 319.9 | 327.6 | 333.5 | 337.3 | 339.2 |
| -85° | 90.5 | 88.3 | 89.8 | 91.0 | 89.8 | 88.3 | 90.5 | 92.3 | 93.7 | 95.0 | 102.7 |
| -87.5° | 25.8 | 26.5 | 26.6 | 26.6 | 26.6 | 26.5 | 25.8 | 25.1 | 24.4 | 23.6 | 23.8 |
| -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: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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° | 1.0 | 1.5 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 |
| 85° | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 80° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 77.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 75° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 72.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 70° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.4 |
| 67.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.2 | 2.2 | 2.7 |
| 65° | 2.7 | 2.6 | 2.7 | 3.1 | 3.2 | 3.0 | 3.1 | 3.2 | 3.2 | 3.0 | 2.8 |
| 62.5° | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 6.3 | 5.6 | 5.6 | 5.2 | 6.3 | 8.6 |
| 60° | 10.7 | 8.4 | 12.6 | 14.1 | 12.1 | 20.6 | 34.8 | 31.4 | 9.3 | 50.3 | 57.9 |
| 57.5° | 146.9 | 122.0 | 255.4 | 254.7 | 106.7 | 144.1 | 192.9 | 127.0 | 83.1 | 142.3 | 188.0 |
| 55° | 1024.0 | 937.8 | 815.3 | 802.3 | 844.7 | 641.8 | 536.6 | 516.3 | 404.1 | 262.8 | 312.1 |
| 52.5° | 1443.7 | 1357.6 | 1274.1 | 1196.3 | 1132.5 | 1064.3 | 964.0 | 855.6 | 820.9 | 661.0 | 509.7 |
| 50° | 1633.5 | 1717.1 | 1634.8 | 1433.7 | 1469.4 | 1372.4 | 1231.1 | 1115.8 | 1139.4 | 1041.6 | 839.8 |
| 47.5° | 2215.1 | 2317.0 | 2319.6 | 2199.6 | 2066.1 | 2025.0 | 1817.8 | 1457.8 | 1481.9 | 1477.7 | 1264.0 |
| 45° | 3243.2 | 3100.9 | 3154.0 | 2985.5 | 2749.7 | 2619.4 | 2612.4 | 2227.3 | 1870.6 | 1812.6 | 1791.9 |
| 42.5° | 3806.5 | 3701.2 | 3592.2 | 3466.6 | 3258.1 | 3050.2 | 2921.9 | 2705.3 | 2418.5 | 2164.6 | 2074.6 |
| 40° | 4034.3 | 3911.7 | 3809.9 | 3705.9 | 3537.9 | 3325.0 | 3221.6 | 2937.2 | 2721.6 | 2501.9 | 2428.7 |
| 37.5° | 4309.6 | 4076.8 | 4167.7 | 3970.9 | 3815.0 | 3763.1 | 3683.0 | 3386.9 | 2909.2 | 2869.0 | 2832.0 |
| 35° | 4924.3 | 4706.6 | 4916.1 | 4879.0 | 4258.6 | 4327.7 | 4381.0 | 4017.2 | 3516.9 | 3245.7 | 3251.6 |
| 32.5° | 6326.9 | 5825.0 | 5671.8 | 5859.4 | 5533.3 | 4991.8 | 4999.8 | 4889.0 | 4206.2 | 3811.5 | 3638.8 |
| 30° | 6834.7 | 6611.8 | 6370.2 | 6337.7 | 6094.8 | 5781.6 | 5582.7 | 5316.5 | 4819.6 | 4369.1 | 4073.1 |
| 27.5° | 7053.8 | 6851.5 | 6648.3 | 6491.4 | 6350.8 | 6138.2 | 5878.7 | 5565.9 | 5212.4 | 4808.7 | 4521.1 |
| 25° | 7210.1 | 6983.7 | 6808.3 | 6635.1 | 6483.8 | 6322.9 | 6057.7 | 5753.0 | 5423.2 | 5097.8 | 4789.0 |
| 22.5° | 7335.7 | 7124.6 | 6935.9 | 6749.6 | 6626.8 | 6453.8 | 6215.5 | 5900.9 | 5679.5 | 5472.7 | 5071.2 |
| 20° | 7473.1 | 7269.6 | 7057.1 | 7066.1 | 6885.4 | 6596.3 | 6367.4 | 6210.8 | 6180.5 | 5947.7 | 5429.4 |
| 17.5° | 8069.7 | 7510.2 | 7614.2 | 7811.4 | 7413.2 | 6888.6 | 6806.9 | 6815.6 | 6719.5 | 6503.1 | 5858.6 |
| 15° | 9347.6 | 8539.4 | 8546.5 | 8682.5 | 8250.8 | 7606.4 | 7457.6 | 7439.5 | 7288.1 | 7048.7 | 6311.9 |
| 12.5° | 9750.1 | 9480.1 | 9430.4 | 9228.5 | 8804.6 | 8323.1 | 8146.9 | 8051.3 | 7773.6 | 7310.5 | 6638.0 |
| 10° | 9886.1 | 9729.7 | 9521.8 | 9318.1 | 9060.8 | 8867.4 | 8616.5 | 8269.3 | 7875.0 | 7428.4 | 6880.9 |
| 7.5° | 9902.2 | 9740.0 | 9572.5 | 9378.5 | 9152.7 | 8925.7 | 8677.6 | 8332.6 | 7951.3 | 7513.2 | 7052.1 |
| 5° | 9892.7 | 9731.0 | 9575.8 | 9390.3 | 9161.3 | 8941.2 | 8716.5 | 8375.3 | 8002.9 | 7568.7 | 7164.6 |
| 2.5° | 9868.6 | 9704.9 | 9557.1 | 9388.7 | 9160.6 | 8948.4 | 8740.5 | 8421.1 | 8039.8 | 7614.4 | 7202.3 |
| 0° | 9903.8 | 9741.8 | 9602.0 | 9413.4 | 9207.0 | 8960.7 | 8752.1 | 8468.0 | 8057.5 | 7644.8 | 7216.5 |
| -2.5° | 9918.9 | 9751.5 | 9623.4 | 9410.8 | 9239.7 | 8988.4 | 8777.0 | 8502.6 | 8091.0 | 7698.3 | 7250.7 |
| -5° | 9999.0 | 9832.6 | 9665.2 | 9452.0 | 9272.1 | 9037.0 | 8799.2 | 8516.7 | 8116.2 | 7727.4 | 7266.2 |
| -7.5° | 10051.6 | 9882.8 | 9688.1 | 9481.3 | 9300.7 | 9076.3 | 8812.8 | 8518.0 | 8139.2 | 7726.9 | 7273.7 |
| -10° | 10084.6 | 9908.1 | 9715.9 | 9504.1 | 9317.4 | 9086.5 | 8808.3 | 8510.6 | 8134.6 | 7708.8 | 7257.4 |
| -12.5° | 10130.8 | 9932.3 | 9734.4 | 9493.9 | 9306.7 | 9069.5 | 8791.6 | 8493.7 | 8099.8 | 7675.1 | 7215.8 |
| -15° | 10148.1 | 9944.2 | 9712.8 | 9477.1 | 9272.6 | 9042.0 | 8755.1 | 8443.3 | 8038.9 | 7623.0 | 7148.0 |
| -17.5° | 10155.3 | 9923.3 | 9676.6 | 9450.5 | 9230.2 | 8985.5 | 8682.8 | 8351.2 | 7960.9 | 7531.2 | 7058.5 |
| -20° | 10149.7 | 9879.7 | 9625.6 | 9379.5 | 9148.6 | 8900.3 | 8587.8 | 8259.5 | 7849.4 | 7412.3 | 6942.6 |



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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° | 10046.1 | 9801.6 | 9544.4 | 9277.6 | 9050.6 | 8787.1 | 8481.3 | 8141.4 | 7704.4 | 7281.7 | 6795.0 |
| -25° | 9932.1 | 9685.1 | 9419.5 | 9171.3 | 8929.5 | 8667.8 | 8353.5 | 7968.1 | 7553.1 | 7113.3 | 6615.9 |
| -27.5° | 9797.4 | 9537.8 | 9263.4 | 9010.8 | 8755.4 | 8497.7 | 8172.9 | 7784.6 | 7385.0 | 6904.2 | 6421.4 |
| -30° | 9615.4 | 9347.4 | 9067.7 | 8778.8 | 8545.2 | 8282.6 | 7961.3 | 7584.3 | 7155.2 | 6680.4 | 6220.9 |
| -32.5° | 9368.3 | 9116.2 | 8836.5 | 8561.9 | 8318.0 | 8042.4 | 7718.1 | 7343.8 | 6893.4 | 6444.3 | 5966.3 |
| -35° | 9117.2 | 8856.1 | 8589.4 | 8330.9 | 8074.0 | 7785.4 | 7454.3 | 7047.0 | 6616.5 | 6171.7 | 5675.6 |
| -37.5° | 8830.5 | 8558.5 | 8307.9 | 8062.3 | 7797.3 | 7501.4 | 7136.2 | 6742.6 | 6322.8 | 5833.8 | 5361.7 |
| -40° | 8522.6 | 8260.5 | 7986.9 | 7744.0 | 7461.4 | 7163.0 | 6810.0 | 6427.4 | 5965.8 | 5482.4 | 5038.6 |
| -42.5° | 8156.8 | 7894.9 | 7613.2 | 7342.8 | 7068.2 | 6784.4 | 6465.6 | 6051.7 | 5594.2 | 5138.2 | 4677.3 |
| -45° | 7715.2 | 7453.1 | 7176.1 | 6897.4 | 6640.5 | 6364.7 | 6068.0 | 5626.7 | 5174.9 | 4740.4 | 4298.1 |
| -47.5° | 7218.2 | 6964.3 | 6697.0 | 6420.6 | 6176.3 | 5899.4 | 5537.9 | 5127.4 | 4727.6 | 4314.1 | 3861.3 |
| -50° | 6678.6 | 6436.9 | 6189.8 | 5933.3 | 5658.8 | 5346.5 | 4999.6 | 4641.4 | 4245.4 | 3820.9 | 3407.3 |
| -52.5° | 6088.7 | 5867.5 | 5634.3 | 5387.8 | 5104.4 | 4794.5 | 4469.5 | 4089.1 | 3694.0 | 3333.8 | 2957.7 |
| -55° | 5473.1 | 5254.8 | 5024.2 | 4777.9 | 4513.6 | 4207.1 | 3870.4 | 3524.5 | 3202.0 | 2868.8 | 2581.8 |
| -57.5° | 4792.1 | 4585.1 | 4365.4 | 4133.0 | 3889.0 | 3603.8 | 3308.4 | 3015.0 | 2759.5 | 2500.6 | 2240.2 |
| -60° | 4064.1 | 3870.9 | 3684.0 | 3478.0 | 3252.7 | 3007.2 | 2791.9 | 2575.3 | 2358.6 | 2152.0 | 1942.2 |
| -62.5° | 3359.1 | 3197.4 | 3029.5 | 2862.3 | 2691.0 | 2513.8 | 2335.3 | 2168.2 | 1997.3 | 1822.1 | 1667.7 |
| -65° | 2692.7 | 2569.8 | 2437.3 | 2321.6 | 2200.1 | 2071.9 | 1928.5 | 1797.4 | 1673.2 | 1544.8 | 1413.5 |
| -67.5° | 2133.3 | 2045.6 | 1951.9 | 1860.6 | 1777.3 | 1688.7 | 1588.0 | 1482.0 | 1383.5 | 1288.5 | 1191.8 |
| -70° | 1673.5 | 1615.4 | 1554.6 | 1488.0 | 1421.5 | 1354.7 | 1280.6 | 1202.6 | 1123.5 | 1052.3 | 984.2 |
| -72.5° | 1284.5 | 1244.3 | 1198.2 | 1150.2 | 1099.0 | 1053.5 | 1002.9 | 950.2 | 896.7 | 842.7 | 791.3 |
| -75° | 993.9 | 964.8 | 933.2 | 897.3 | 854.0 | 802.6 | 764.6 | 738.9 | 706.6 | 667.3 | 624.4 |
| -77.5° | 786.0 | 764.9 | 742.2 | 711.6 | 680.0 | 647.3 | 615.0 | 583.2 | 551.7 | 521.9 | 494.6 |
| -80° | 578.4 | 568.3 | 555.8 | 530.5 | 505.1 | 479.9 | 455.8 | 436.3 | 417.9 | 397.7 | 372.8 |
| -82.5° | 339.5 | 338.3 | 334.7 | 320.5 | 306.4 | 292.3 | 278.7 | 264.9 | 250.5 | 235.3 | 220.0 |
| -85° | 109.7 | 115.7 | 120.6 | 122.9 | 124.3 | 124.7 | 124.0 | 120.4 | 116.2 | 111.4 | 106.2 |
| -87.5° | 24.0 | 24.1 | 24.1 | 25.1 | 25.9 | 26.7 | 27.3 | 28.6 | 29.8 | 30.7 | 31.4 |
| -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: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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° | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 1.1 | 1.1 | 1.2 |
| 85° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.0 | 1.9 | 2.1 | 2.3 | 2.3 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.8 | 3.3 | 3.5 |
| 80° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.8 | 3.4 | 3.9 |
| 77.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.9 | 3.4 | 3.9 |
| 75° | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.2 | 2.2 | 2.4 | 2.9 | 3.4 | 4.0 |
| 72.5° | 2.2 | 2.2 | 2.2 | 2.5 | 2.8 | 2.8 | 2.6 | 2.4 | 3.0 | 3.5 | 4.0 |
| 70° | 2.5 | 2.3 | 2.2 | 2.6 | 3.1 | 3.5 | 3.4 | 3.5 | 3.1 | 3.5 | 4.1 |
| 67.5° | 3.2 | 3.3 | 3.0 | 3.0 | 3.2 | 3.7 | 4.2 | 5.0 | 4.9 | 3.7 | 4.1 |
| 65° | 3.4 | 3.9 | 4.6 | 6.2 | 5.5 | 3.8 | 4.3 | 8.7 | 6.9 | 5.9 | 4.2 |
| 62.5° | 7.3 | 4.0 | 14.0 | 18.7 | 10.6 | 8.3 | 6.6 | 19.3 | 12.1 | 8.2 | 5.9 |
| 60° | 17.4 | 14.3 | 39.1 | 62.6 | 43.7 | 14.7 | 21.6 | 33.5 | 30.8 | 10.6 | 8.3 |
| 57.5° | 162.8 | 55.9 | 81.1 | 117.2 | 115.2 | 62.5 | 45.6 | 60.8 | 52.3 | 30.1 | 11.8 |
| 55° | 347.4 | 292.4 | 193.0 | 176.8 | 191.0 | 154.2 | 100.4 | 98.5 | 80.8 | 55.9 | 19.1 |
| 52.5° | 476.6 | 497.4 | 432.9 | 302.5 | 263.4 | 251.0 | 196.0 | 142.8 | 126.8 | 84.0 | 48.6 |
| 50° | 690.0 | 642.5 | 636.1 | 534.0 | 369.3 | 334.3 | 289.4 | 223.1 | 177.9 | 120.2 | 82.1 |
| 47.5° | 974.7 | 856.2 | 793.3 | 747.5 | 589.3 | 426.2 | 379.6 | 305.1 | 234.3 | 173.1 | 117.3 |
| 45° | 1392.9 | 1106.6 | 985.1 | 910.7 | 807.5 | 599.3 | 475.0 | 384.8 | 305.4 | 232.4 | 154.0 |
| 42.5° | 1812.8 | 1430.8 | 1204.0 | 1083.8 | 976.5 | 794.9 | 577.1 | 476.6 | 374.6 | 292.7 | 200.7 |
| 40° | 2183.4 | 1765.0 | 1434.3 | 1279.7 | 1142.5 | 983.8 | 742.3 | 574.9 | 442.5 | 354.9 | 253.7 |
| 37.5° | 2629.7 | 2145.6 | 1699.1 | 1484.9 | 1319.3 | 1141.5 | 910.0 | 677.5 | 524.1 | 420.0 | 306.9 |
| 35° | 3061.4 | 2638.3 | 1995.4 | 1732.8 | 1516.2 | 1303.3 | 1071.5 | 798.8 | 624.3 | 486.2 | 360.0 |
| 32.5° | 3524.9 | 3101.7 | 2443.1 | 2009.6 | 1720.0 | 1468.6 | 1222.5 | 946.4 | 725.1 | 553.3 | 413.0 |
| 30° | 3889.9 | 3406.7 | 2835.9 | 2286.8 | 1941.7 | 1653.1 | 1373.2 | 1087.9 | 826.1 | 620.8 | 466.4 |
| 27.5° | 4083.3 | 3670.6 | 3145.9 | 2595.6 | 2191.2 | 1842.3 | 1528.5 | 1223.2 | 927.0 | 695.1 | 522.1 |
| 25° | 4283.4 | 3856.6 | 3367.5 | 2865.6 | 2437.6 | 2042.5 | 1683.2 | 1352.2 | 1037.1 | 779.0 | 577.2 |
| 22.5° | 4522.8 | 4014.6 | 3554.4 | 3079.6 | 2691.7 | 2245.6 | 1845.4 | 1482.7 | 1147.2 | 861.1 | 631.3 |
| 20° | 4763.1 | 4161.5 | 3738.8 | 3370.7 | 2941.1 | 2465.2 | 2015.0 | 1610.1 | 1251.1 | 941.2 | 684.3 |
| 17.5° | 5015.4 | 4428.0 | 4051.8 | 3654.8 | 3189.7 | 2678.0 | 2182.1 | 1733.5 | 1348.6 | 1018.7 | 735.8 |
| 15° | 5454.4 | 4827.1 | 4367.0 | 3931.3 | 3437.0 | 2882.7 | 2345.1 | 1852.1 | 1439.5 | 1093.1 | 783.7 |
| 12.5° | 5853.0 | 5198.6 | 4682.6 | 4198.6 | 3680.2 | 3078.0 | 2502.4 | 1964.9 | 1523.7 | 1152.5 | 826.4 |
| 10° | 6182.9 | 5543.2 | 4994.5 | 4455.2 | 3916.3 | 3262.3 | 2652.3 | 2056.8 | 1574.3 | 1196.8 | 865.7 |
| 7.5° | 6453.0 | 5861.6 | 5298.6 | 4699.4 | 4119.1 | 3382.7 | 2727.9 | 2110.4 | 1613.4 | 1234.5 | 901.6 |
| 5° | 6648.2 | 6074.1 | 5460.1 | 4784.5 | 4182.5 | 3432.2 | 2779.3 | 2154.0 | 1645.0 | 1266.0 | 933.9 |
| 2.5° | 6704.4 | 6139.4 | 5520.8 | 4831.1 | 4225.4 | 3464.3 | 2816.0 | 2187.3 | 1669.3 | 1291.5 | 962.5 |
| 0° | 6737.1 | 6182.4 | 5558.8 | 4859.8 | 4247.3 | 3479.5 | 2838.2 | 2210.2 | 1686.5 | 1311.5 | 987.5 |
| -2.5° | 6782.8 | 6219.4 | 5595.5 | 4933.4 | 4261.9 | 3526.1 | 2850.7 | 2225.1 | 1708.3 | 1318.7 | 1002.0 |
| -5° | 6805.7 | 6233.9 | 5613.1 | 4982.9 | 4258.1 | 3553.9 | 2849.2 | 2229.9 | 1722.4 | 1321.1 | 1012.7 |
| -7.5° | 6795.7 | 6229.0 | 5613.8 | 4998.5 | 4238.8 | 3560.3 | 2833.8 | 2224.9 | 1728.2 | 1319.3 | 1019.3 |
| -10° | 6765.0 | 6203.8 | 5592.3 | 4958.4 | 4221.1 | 3535.2 | 2806.2 | 2210.8 | 1724.8 | 1313.6 | 1021.9 |
| -12.5° | 6718.5 | 6156.5 | 5548.5 | 4900.6 | 4184.1 | 3483.3 | 2773.7 | 2186.6 | 1710.9 | 1304.5 | 1020.2 |
| -15° | 6658.0 | 6087.9 | 5481.9 | 4827.3 | 4123.3 | 3414.3 | 2724.8 | 2151.4 | 1683.7 | 1294.2 | 1014.2 |
| -17.5° | 6580.4 | 5998.3 | 5392.2 | 4740.2 | 4037.8 | 3328.7 | 2659.2 | 2105.5 | 1649.8 | 1281.6 | 1001.9 |
| -20° | 6442.0 | 5878.0 | 5278.3 | 4641.3 | 3926.7 | 3227.4 | 2576.6 | 2049.0 | 1609.4 | 1263.7 | 984.5 |



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-730-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° | 6286.3 | 5729.1 | 5136.2 | 4507.8 | 3792.9 | 3110.9 | 2476.6 | 1981.9 | 1562.8 | 1240.4 | 963.5 |
| -25° | 6120.3 | 5561.5 | 4971.1 | 4323.0 | 3645.0 | 2987.8 | 2376.6 | 1904.2 | 1510.4 | 1211.6 | 939.2 |
| -27.5° | 5925.4 | 5371.6 | 4784.0 | 4119.5 | 3473.3 | 2845.0 | 2280.6 | 1835.4 | 1459.6 | 1177.2 | 911.5 |
| -30° | 5706.3 | 5148.4 | 4550.1 | 3902.4 | 3285.1 | 2679.7 | 2173.0 | 1761.9 | 1416.7 | 1139.7 | 880.7 |
| -32.5° | 5455.1 | 4902.4 | 4290.9 | 3680.1 | 3086.3 | 2504.4 | 2054.3 | 1683.3 | 1367.0 | 1099.8 | 852.2 |
| -35° | 5169.3 | 4616.2 | 4016.2 | 3441.5 | 2875.7 | 2362.8 | 1938.2 | 1599.9 | 1310.8 | 1056.8 | 822.2 |
| -37.5° | 4871.6 | 4309.0 | 3741.6 | 3192.3 | 2651.7 | 2209.6 | 1833.8 | 1517.5 | 1247.9 | 1010.6 | 789.0 |
| -40° | 4531.6 | 3992.9 | 3453.3 | 2935.7 | 2457.9 | 2045.0 | 1720.8 | 1436.2 | 1188.6 | 961.5 | 752.6 |
| -42.5° | 4181.4 | 3661.4 | 3152.7 | 2664.0 | 2266.6 | 1910.9 | 1602.5 | 1348.7 | 1125.9 | 914.1 | 713.3 |
| -45° | 3803.7 | 3311.4 | 2832.9 | 2435.1 | 2072.0 | 1769.0 | 1498.8 | 1257.9 | 1059.0 | 865.5 | 672.6 |
| -47.5° | 3405.4 | 2942.5 | 2542.4 | 2196.6 | 1906.5 | 1626.4 | 1388.6 | 1179.4 | 988.9 | 813.5 | 631.8 |
| -50° | 2983.5 | 2599.0 | 2274.7 | 1989.3 | 1728.2 | 1498.0 | 1278.8 | 1097.3 | 924.5 | 756.0 | 589.1 |
| -52.5° | 2609.6 | 2301.5 | 2033.2 | 1788.9 | 1571.0 | 1363.0 | 1184.3 | 1013.0 | 858.2 | 701.0 | 544.4 |
| -55° | 2289.2 | 2036.7 | 1810.2 | 1606.9 | 1415.1 | 1247.2 | 1086.1 | 938.1 | 790.1 | 645.9 | 499.2 |
| -57.5° | 2012.6 | 1791.8 | 1610.6 | 1434.0 | 1275.6 | 1132.4 | 996.6 | 861.6 | 724.7 | 588.8 | 463.3 |
| -60° | 1746.7 | 1582.0 | 1420.7 | 1278.7 | 1144.6 | 1023.2 | 912.2 | 785.2 | 658.8 | 531.6 | 423.7 |
| -62.5° | 1517.1 | 1376.5 | 1254.6 | 1130.9 | 1019.5 | 920.4 | 827.0 | 710.3 | 591.0 | 478.8 | 380.5 |
| -65° | 1302.0 | 1193.9 | 1090.2 | 991.4 | 899.0 | 815.1 | 739.6 | 633.7 | 523.0 | 422.8 | 335.7 |
| -67.5° | 1097.6 | 1016.2 | 934.7 | 851.9 | 779.1 | 711.2 | 646.7 | 550.9 | 452.0 | 363.9 | 291.2 |
| -70° | 915.1 | 845.5 | 781.7 | 720.1 | 661.2 | 604.6 | 543.6 | 462.8 | 377.7 | 311.0 | 245.7 |
| -72.5° | 742.8 | 691.9 | 638.9 | 588.4 | 544.8 | 495.0 | 438.9 | 375.9 | 316.2 | 257.3 | 199.1 |
| -75° | 583.3 | 549.7 | 512.4 | 472.2 | 431.5 | 387.1 | 350.0 | 306.0 | 253.9 | 202.5 | 160.5 |
| -77.5° | 466.6 | 434.0 | 396.5 | 364.5 | 337.3 | 306.8 | 273.2 | 235.0 | 193.7 | 157.5 | 124.0 |
| -80° | 344.2 | 319.2 | 298.0 | 279.6 | 254.4 | 226.7 | 198.8 | 170.9 | 140.8 | 112.8 | 86.9 |
| -82.5° | 210.0 | 204.5 | 198.6 | 190.1 | 169.1 | 148.5 | 128.3 | 108.4 | 87.1 | 67.4 | 55.8 |
| -85° | 105.0 | 102.9 | 99.7 | 95.3 | 82.4 | 69.8 | 64.0 | 58.0 | 50.8 | 43.9 | 37.3 |
| -87.5° | 34.5 | 37.1 | 39.2 | 40.7 | 37.8 | 34.9 | 32.0 | 29.1 | 25.5 | 22.0 | 18.7 |
| -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: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-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° | 1.1 | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 |
| 85° | 2.3 | 1.9 | 1.5 | 1.1 | 0.8 | 0.5 | 0.0 |
| 82.5° | 3.4 | 2.8 | 2.3 | 1.7 | 1.2 | 0.7 | 0.0 |
| 80° | 4.4 | 3.8 | 3.0 | 2.3 | 1.5 | 1.0 | 0.0 |
| 77.5° | 4.4 | 4.4 | 3.8 | 2.8 | 1.9 | 1.2 | 0.0 |
| 75° | 4.5 | 4.6 | 4.4 | 3.4 | 2.3 | 1.4 | 0.0 |
| 72.5° | 4.5 | 4.7 | 4.6 | 4.0 | 2.7 | 1.7 | 0.0 |
| 70° | 4.6 | 4.9 | 4.9 | 4.4 | 3.1 | 1.9 | 0.0 |
| 67.5° | 5.2 | 5.1 | 5.1 | 4.7 | 3.5 | 2.2 | 0.0 |
| 65° | 5.9 | 5.9 | 5.3 | 4.9 | 3.9 | 2.4 | 0.0 |
| 62.5° | 6.9 | 7.3 | 5.6 | 5.1 | 4.3 | 2.6 | 0.0 |
| 60° | 8.2 | 8.9 | 5.8 | 5.4 | 4.7 | 2.9 | 0.0 |
| 57.5° | 15.2 | 10.7 | 7.5 | 5.6 | 5.0 | 3.1 | 0.0 |
| 55° | 24.2 | 12.6 | 9.4 | 5.9 | 5.2 | 3.3 | 0.0 |
| 52.5° | 34.7 | 16.1 | 11.3 | 6.1 | 5.5 | 3.5 | 0.0 |
| 50° | 46.8 | 27.5 | 13.4 | 6.4 | 5.7 | 3.7 | 0.0 |
| 47.5° | 62.9 | 39.8 | 15.5 | 7.0 | 6.0 | 4.0 | 0.0 |
| 45° | 94.9 | 52.9 | 17.7 | 8.7 | 6.3 | 4.2 | 0.0 |
| 42.5° | 127.7 | 66.9 | 20.0 | 10.3 | 6.6 | 4.4 | 0.0 |
| 40° | 161.3 | 81.7 | 26.9 | 12.5 | 6.8 | 4.6 | 0.0 |
| 37.5° | 195.4 | 97.2 | 38.5 | 15.2 | 7.1 | 4.8 | 0.0 |
| 35° | 230.2 | 120.8 | 50.2 | 18.1 | 7.4 | 4.9 | 0.0 |
| 32.5° | 267.8 | 148.2 | 62.1 | 21.4 | 7.7 | 5.1 | 0.0 |
| 30° | 310.8 | 175.3 | 74.1 | 24.9 | 8.0 | 5.3 | 0.0 |
| 27.5° | 353.0 | 202.2 | 88.9 | 28.6 | 8.3 | 5.5 | 0.0 |
| 25° | 394.1 | 228.5 | 104.1 | 32.6 | 8.6 | 5.6 | 0.0 |
| 22.5° | 434.1 | 255.5 | 119.2 | 36.7 | 8.9 | 5.8 | 0.0 |
| 20° | 472.7 | 284.4 | 134.2 | 40.9 | 9.1 | 5.9 | 0.0 |
| 17.5° | 510.9 | 312.3 | 149.0 | 45.2 | 9.4 | 6.1 | 0.0 |
| 15° | 547.6 | 339.2 | 163.4 | 49.6 | 9.7 | 6.2 | 0.0 |
| 12.5° | 581.9 | 364.8 | 177.3 | 53.9 | 10.0 | 6.3 | 0.0 |
| 10° | 613.8 | 389.0 | 190.6 | 58.1 | 10.2 | 6.4 | 0.0 |
| 7.5° | 643.0 | 411.6 | 203.2 | 62.2 | 10.5 | 6.5 | 0.0 |
| 5° | 669.6 | 432.4 | 214.9 | 66.1 | 10.7 | 6.6 | 0.0 |
| 2.5° | 693.5 | 451.4 | 225.6 | 69.8 | 10.9 | 6.6 | 0.0 |
| 0° | 714.5 | 468.2 | 235.2 | 73.2 | 11.1 | 6.7 | 0.0 |
| -2.5° | 725.0 | 478.9 | 244.2 | 78.0 | 12.8 | 7.1 | 0.0 |
| -5° | 732.6 | 487.3 | 251.8 | 82.4 | 14.5 | 7.4 | 0.0 |
| -7.5° | 737.5 | 493.4 | 258.0 | 86.3 | 16.2 | 7.8 | 0.0 |
| -10° | 739.7 | 497.3 | 262.7 | 89.7 | 17.8 | 8.1 | 0.0 |
| -12.5° | 739.3 | 498.8 | 265.9 | 92.6 | 19.3 | 8.4 | 0.0 |
| -15° | 736.4 | 498.1 | 267.4 | 94.9 | 20.8 | 8.7 | 0.0 |
| -17.5° | 731.1 | 495.1 | 267.2 | 96.5 | 22.1 | 8.9 | 0.0 |
| -20° | 722.7 | 489.9 | 265.3 | 97.5 | 23.3 | 9.1 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P645527 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-730-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| -22.5° | 710.6 | 482.4 | 261.5 | 97.8 | 24.4 | 9.3 | 0.0 |
| -25° | 695.7 | 470.8 | 256.0 | 97.3 | 25.4 | 9.5 | 0.0 |
| -27.5° | 678.0 | 456.4 | 248.5 | 96.1 | 26.2 | 9.6 | 0.0 |
| -30° | 657.6 | 439.9 | 239.2 | 94.2 | 26.9 | 9.6 | 0.0 |
| -32.5° | 634.4 | 421.5 | 228.3 | 91.4 | 27.4 | 9.7 | 0.0 |
| -35° | 609.3 | 401.2 | 216.2 | 87.8 | 27.8 | 9.6 | 0.0 |
| -37.5° | 582.4 | 380.8 | 202.9 | 83.4 | 28.0 | 9.6 | 0.0 |
| -40° | 553.3 | 362.3 | 188.4 | 78.2 | 28.0 | 9.5 | 0.0 |
| -42.5° | 522.3 | 342.5 | 177.4 | 72.6 | 27.9 | 9.3 | 0.0 |
| -45° | 489.3 | 321.4 | 169.9 | 66.9 | 27.5 | 9.2 | 0.0 |
| -47.5° | 454.4 | 299.1 | 161.0 | 60.4 | 27.0 | 8.9 | 0.0 |
| -50° | 425.2 | 275.7 | 150.8 | 58.2 | 26.4 | 8.7 | 0.0 |
| -52.5° | 396.0 | 251.1 | 139.3 | 57.1 | 25.5 | 8.4 | 0.0 |
| -55° | 365.7 | 232.5 | 126.6 | 55.3 | 24.5 | 8.0 | 0.0 |
| -57.5° | 334.2 | 213.5 | 112.6 | 52.9 | 23.3 | 7.6 | 0.0 |
| -60° | 302.3 | 192.9 | 97.9 | 49.9 | 22.0 | 7.2 | 0.0 |
| -62.5° | 273.1 | 170.6 | 91.0 | 46.4 | 20.7 | 6.7 | 0.0 |
| -65° | 241.8 | 146.8 | 83.0 | 42.3 | 19.2 | 6.2 | 0.0 |
| -67.5° | 208.6 | 126.9 | 74.2 | 37.8 | 17.6 | 5.7 | 0.0 |
| -70° | 173.5 | 111.0 | 64.5 | 32.8 | 15.9 | 5.1 | 0.0 |
| -72.5° | 146.8 | 94.0 | 54.1 | 28.8 | 14.2 | 4.6 | 0.0 |
| -75° | 120.0 | 75.9 | 43.1 | 25.1 | 12.3 | 3.9 | 0.0 |
| -77.5° | 91.9 | 57.0 | 35.6 | 21.1 | 10.4 | 3.3 | 0.0 |
| -80° | 62.7 | 43.4 | 28.8 | 17.1 | 8.4 | 2.7 | 0.0 |
| -82.5° | 46.0 | 32.8 | 21.7 | 12.9 | 6.3 | 2.0 | 0.0 |
| -85° | 30.9 | 22.0 | 14.6 | 8.6 | 4.2 | 1.4 | 0.0 |
| -87.5° | 15.5 | 11.0 | 7.3 | 4.3 | 2.1 | 0.7 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)