

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: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-735-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-735-U-LAM-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17261 lumens
Efficiency: N/A
Efficacy: 141.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

Beam Angle (50%): 117.8°H x 112°V
Beam Lumens: 14364.9 lumens
Beam Efficiency: 83.2%

Field Angle (10%): 152.8°H x 150.5°V
Field Lumens: 16921.5 lumens
Field Efficiency: 98.0%

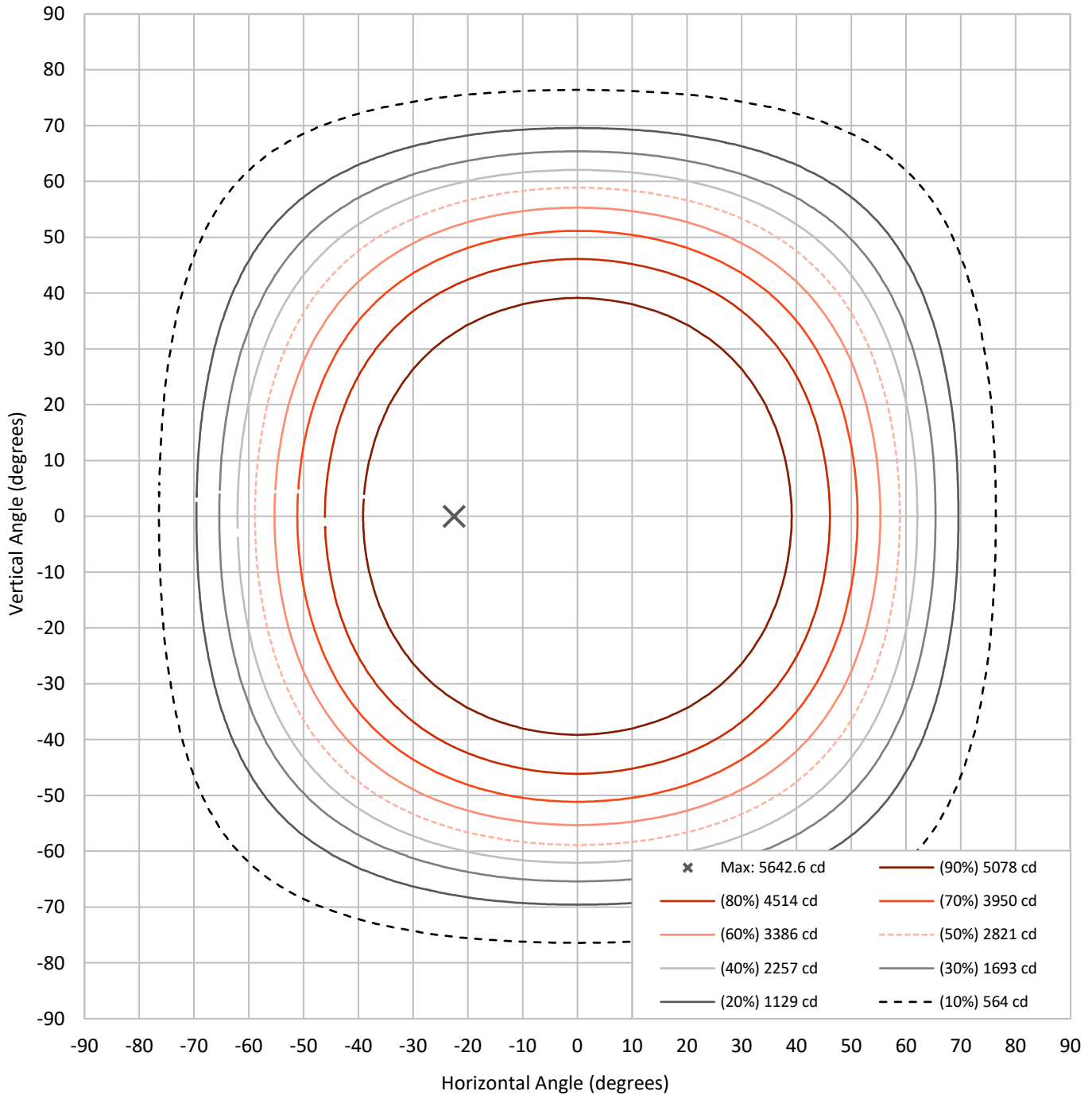
NEMA Type: 7H x 7V
Max Intensity: 5642.6 candela
Max Intensity Angle: -22.5°H x 0°V

Input Watts (W): 121.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

Iso-Candela Plot





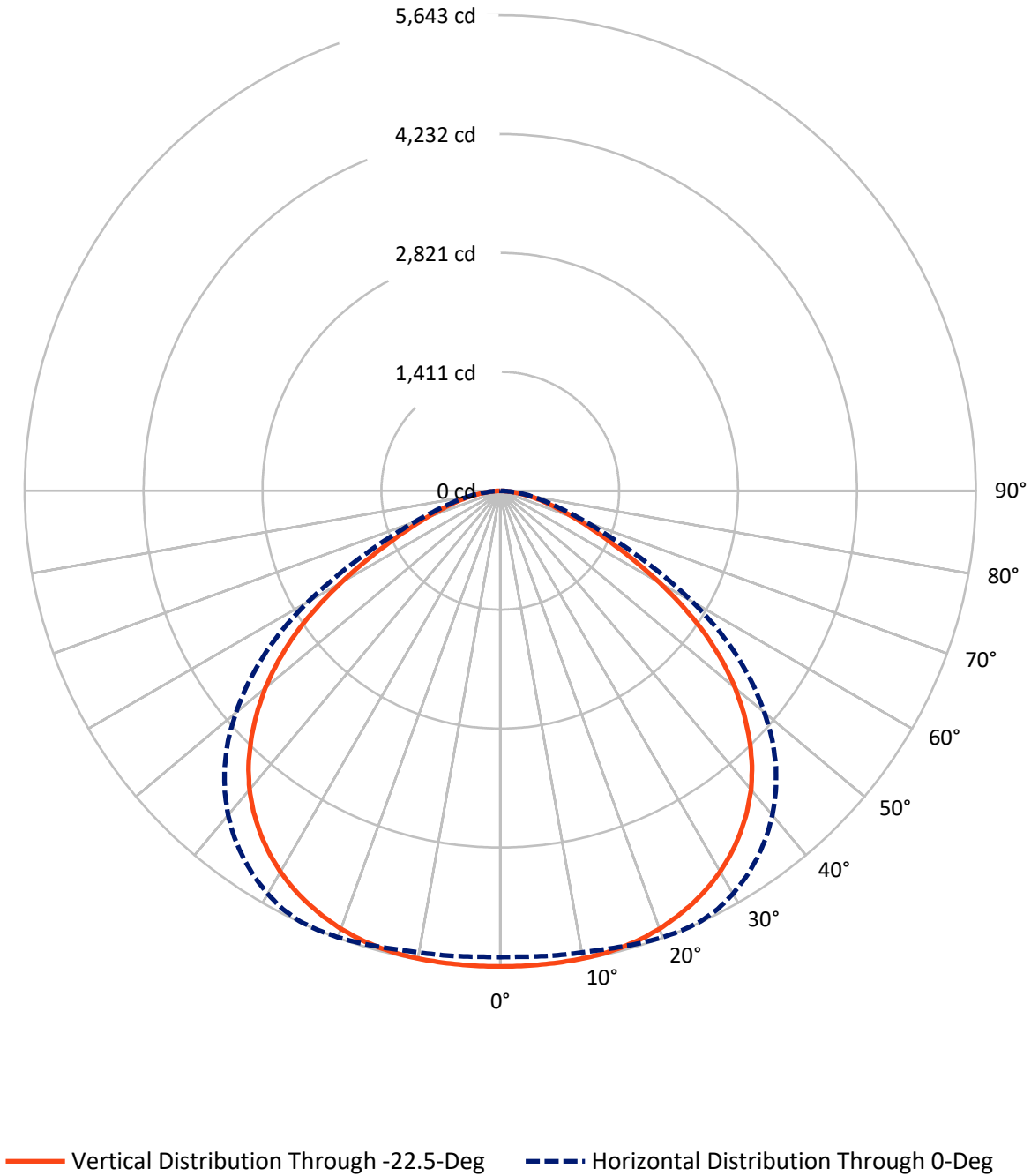
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 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | |
|-----|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|--|------|
| 90 | | | | | | | | | | | | | | | | | | |
| 80 | 0.9 | 8.9 | 25.3 | 42.1 | 49.3 | 42.1 | 25.3 | 8.9 | 0.9 | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | |
| 60 | 4.3 | 5.0 | 10.5 | 18.3 | 28.4 | 39.2 | 48.4 | 53.5 | 53.5 | 48.4 | 39.2 | 28.4 | 18.3 | 10.5 | 5.0 | | | 4.3 |
| 50 | | | | | | | | | | | | | | | | | | |
| 40 | 8.1 | 7.8 | 17.9 | 34.7 | 56.7 | 78.1 | 94.0 | 102.4 | 102.4 | 94.0 | 78.1 | 56.7 | 34.7 | 17.9 | 7.8 | | | 8.1 |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | 11.0 | 11.1 | 28.3 | 56.4 | 86.5 | 111.6 | 129.4 | 138.5 | 138.5 | 129.4 | 111.6 | 86.5 | 56.4 | 28.3 | 11.1 | | | 11.0 |
| 10 | | | | | | | | | | | | | | | | | | |
| 0 | 12.2 | 14.9 | 40.0 | 74.8 | 107.5 | 133.6 | 151.2 | 160.0 | 160.0 | 151.2 | 133.6 | 107.5 | 74.8 | 40.0 | 14.9 | | | 12.2 |
| -10 | | | | | | | | | | | | | | | | | | |
| -20 | 11.0 | 18.7 | 49.8 | 87.3 | 120.9 | 146.3 | 162.6 | 169.8 | 169.8 | 162.6 | 146.3 | 120.9 | 87.3 | 49.8 | 18.7 | | | 11.0 |
| -30 | | | | | | | | | | | | | | | | | | |
| -40 | 8.1 | 21.7 | 56.3 | 95.0 | 128.3 | 152.6 | 165.4 | 169.9 | 169.9 | 165.4 | 152.6 | 128.3 | 95.0 | 56.3 | 21.7 | | | 8.1 |
| -50 | | | | | | | | | | | | | | | | | | |
| -60 | 4.3 | 23.3 | 59.5 | 98.6 | 131.7 | 154.5 | 164.7 | 168.3 | 168.3 | 164.7 | 154.5 | 131.7 | 98.6 | 59.5 | 23.3 | | | 4.3 |
| -70 | | | | | | | | | | | | | | | | | | |
| -80 | 0.9 | 21.7 | 56.3 | 95.0 | 128.3 | 152.6 | 165.4 | 169.9 | 169.9 | 165.4 | 152.6 | 128.3 | 95.0 | 56.3 | 21.7 | | | 0.9 |
| -90 | | | | | | | | | | | | | | | | | | |

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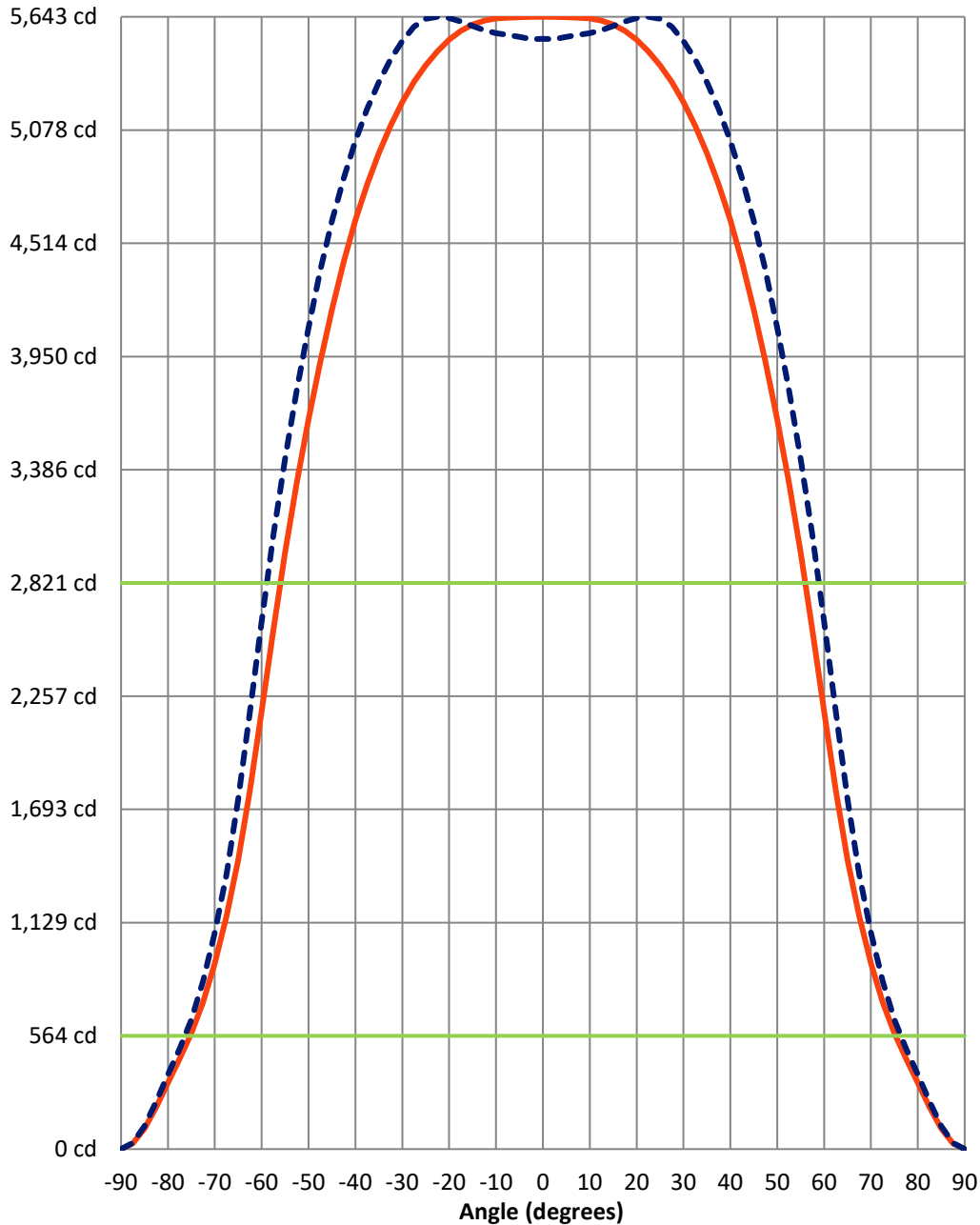
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 14364.9
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 16921.5
 Efficiency: 98.0%

Spill:
 Lumens: 339.5
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

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Scaled Data Report



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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 1.3 | 2.7 | 4.0 | 5.4 | 6.7 | 8.0 | 9.3 | 10.6 | 11.8 | 13.1 |
| 85° | 0.0 | 2.7 | 5.4 | 8.1 | 10.7 | 13.4 | 16.0 | 18.6 | 21.1 | 23.6 | 26.1 |
| 82.5° | 0.0 | 4.0 | 8.1 | 12.1 | 16.1 | 20.0 | 23.9 | 27.8 | 32.9 | 43.1 | 53.1 |
| 80° | 0.0 | 5.4 | 10.7 | 16.1 | 21.4 | 26.6 | 33.4 | 47.5 | 61.3 | 74.9 | 88.2 |
| 77.5° | 0.0 | 6.7 | 13.4 | 20.0 | 26.6 | 37.1 | 54.8 | 72.2 | 89.5 | 106.4 | 126.9 |
| 75° | 0.0 | 8.0 | 16.0 | 23.9 | 33.4 | 54.8 | 75.9 | 96.8 | 118.6 | 148.3 | 177.4 |
| 72.5° | 0.0 | 9.3 | 18.6 | 27.8 | 47.5 | 72.2 | 96.8 | 124.0 | 159.0 | 193.5 | 227.4 |
| 70° | 0.0 | 10.6 | 21.1 | 32.9 | 61.3 | 89.5 | 118.6 | 159.0 | 198.8 | 238.2 | 280.7 |
| 67.5° | 0.0 | 11.8 | 23.6 | 43.1 | 74.9 | 106.4 | 148.3 | 193.5 | 238.2 | 286.7 | 334.3 |
| 65° | 0.0 | 13.1 | 26.1 | 53.1 | 88.2 | 126.9 | 177.4 | 227.4 | 280.7 | 334.3 | 386.4 |
| 62.5° | 0.0 | 14.3 | 28.5 | 63.0 | 101.3 | 150.8 | 206.0 | 263.0 | 322.5 | 380.7 | 436.0 |
| 60° | 0.0 | 15.4 | 30.9 | 72.6 | 114.2 | 174.1 | 233.9 | 298.8 | 363.3 | 424.6 | 484.6 |
| 57.5° | 0.0 | 16.6 | 37.1 | 82.0 | 132.1 | 196.9 | 263.7 | 333.8 | 401.9 | 467.5 | 536.5 |
| 55° | 0.0 | 17.7 | 43.2 | 91.1 | 149.8 | 219.1 | 292.9 | 367.9 | 439.1 | 510.6 | 589.1 |
| 52.5° | 0.0 | 18.8 | 49.1 | 99.9 | 167.1 | 240.9 | 321.3 | 399.8 | 475.3 | 556.7 | 640.4 |
| 50° | 0.0 | 19.9 | 54.8 | 108.5 | 183.7 | 263.8 | 348.8 | 430.4 | 511.7 | 601.4 | 704.1 |
| 47.5° | 0.0 | 20.9 | 60.3 | 117.7 | 199.8 | 286.0 | 375.2 | 460.1 | 550.2 | 644.7 | 767.4 |
| 45° | 0.0 | 21.8 | 65.6 | 129.3 | 215.2 | 307.2 | 399.6 | 488.6 | 587.2 | 699.3 | 828.5 |
| 42.5° | 0.0 | 22.8 | 70.6 | 140.4 | 230.0 | 327.6 | 423.0 | 518.1 | 622.7 | 752.0 | 900.5 |
| 40° | 0.0 | 23.7 | 75.5 | 150.9 | 244.9 | 347.1 | 445.4 | 547.7 | 660.2 | 802.4 | 971.6 |
| 37.5° | 0.0 | 24.5 | 80.1 | 161.0 | 259.6 | 365.5 | 466.6 | 575.9 | 702.7 | 854.0 | 1039.4 |
| 35° | 0.0 | 25.3 | 84.4 | 170.5 | 273.6 | 382.5 | 486.8 | 602.6 | 742.9 | 911.5 | 1108.6 |
| 32.5° | 0.0 | 26.1 | 88.5 | 179.4 | 286.7 | 398.2 | 506.4 | 627.7 | 780.9 | 965.8 | 1181.4 |
| 30° | 0.0 | 26.8 | 92.3 | 187.7 | 298.9 | 412.9 | 526.5 | 653.0 | 816.4 | 1016.6 | 1249.6 |
| 27.5° | 0.0 | 27.4 | 95.8 | 195.4 | 310.3 | 426.5 | 545.1 | 681.7 | 852.6 | 1063.9 | 1313.1 |
| 25° | 0.0 | 28.0 | 99.0 | 202.6 | 320.7 | 439.1 | 562.2 | 708.1 | 891.1 | 1113.2 | 1372.5 |
| 22.5° | 0.0 | 28.5 | 102.0 | 209.0 | 330.3 | 450.5 | 577.8 | 732.2 | 926.2 | 1160.9 | 1441.7 |
| 20° | 0.0 | 29.0 | 104.7 | 214.9 | 338.9 | 460.8 | 591.9 | 753.9 | 957.8 | 1204.0 | 1504.3 |
| 17.5° | 0.0 | 29.5 | 107.0 | 220.0 | 346.5 | 469.9 | 604.4 | 773.2 | 986.0 | 1242.3 | 1559.9 |
| 15° | 0.0 | 29.8 | 109.1 | 224.5 | 353.1 | 477.9 | 615.3 | 790.1 | 1010.5 | 1275.7 | 1608.4 |
| 12.5° | 0.0 | 30.2 | 110.8 | 228.4 | 358.7 | 484.6 | 624.5 | 804.4 | 1031.3 | 1304.1 | 1649.8 |
| 10° | 0.0 | 30.4 | 112.2 | 231.5 | 363.3 | 490.2 | 632.1 | 816.1 | 1048.5 | 1327.5 | 1683.8 |
| 7.5° | 0.0 | 30.6 | 113.4 | 233.9 | 367.0 | 494.5 | 638.1 | 825.3 | 1061.8 | 1345.7 | 1710.3 |
| 5° | 0.0 | 30.8 | 114.2 | 235.7 | 369.5 | 497.6 | 642.3 | 831.8 | 1071.4 | 1358.8 | 1729.3 |
| 2.5° | 0.0 | 30.9 | 114.6 | 236.7 | 371.1 | 499.5 | 644.8 | 835.8 | 1077.2 | 1366.7 | 1740.8 |
| 0° | 0.0 | 30.9 | 114.8 | 237.1 | 371.6 | 500.1 | 645.7 | 837.1 | 1079.1 | 1369.3 | 1744.6 |
| -2.5° | 0.0 | 30.9 | 114.6 | 236.7 | 371.1 | 499.5 | 644.8 | 835.8 | 1077.2 | 1366.7 | 1740.8 |
| -5° | 0.0 | 30.8 | 114.2 | 235.7 | 369.5 | 497.6 | 642.3 | 831.8 | 1071.4 | 1358.8 | 1729.3 |
| -7.5° | 0.0 | 30.6 | 113.4 | 233.9 | 367.0 | 494.5 | 638.1 | 825.3 | 1061.8 | 1345.7 | 1710.3 |
| -10° | 0.0 | 30.4 | 112.2 | 231.5 | 363.3 | 490.2 | 632.1 | 816.1 | 1048.5 | 1327.5 | 1683.8 |
| -12.5° | 0.0 | 30.2 | 110.8 | 228.4 | 358.7 | 484.6 | 624.5 | 804.4 | 1031.3 | 1304.1 | 1649.8 |
| -15° | 0.0 | 29.8 | 109.1 | 224.5 | 353.1 | 477.9 | 615.3 | 790.1 | 1010.5 | 1275.7 | 1608.4 |
| -17.5° | 0.0 | 29.5 | 107.0 | 220.0 | 346.5 | 469.9 | 604.4 | 773.2 | 986.0 | 1242.3 | 1559.9 |
| -20° | 0.0 | 29.0 | 104.7 | 214.9 | 338.9 | 460.8 | 591.9 | 753.9 | 957.8 | 1204.0 | 1504.3 |

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Scaled Data Report



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| -22.5° | 0.0 | 28.5 | 102.0 | 209.0 | 330.3 | 450.5 | 577.8 | 732.2 | 926.2 | 1160.9 | 1441.7 |
| -25° | 0.0 | 28.0 | 99.0 | 202.6 | 320.7 | 439.1 | 562.2 | 708.1 | 891.1 | 1113.2 | 1372.5 |
| -27.5° | 0.0 | 27.4 | 95.8 | 195.4 | 310.3 | 426.5 | 545.1 | 681.7 | 852.6 | 1063.9 | 1313.1 |
| -30° | 0.0 | 26.8 | 92.3 | 187.7 | 298.9 | 412.9 | 526.5 | 653.0 | 816.4 | 1016.6 | 1249.6 |
| -32.5° | 0.0 | 26.1 | 88.5 | 179.4 | 286.7 | 398.2 | 506.4 | 627.7 | 780.9 | 965.8 | 1181.4 |
| -35° | 0.0 | 25.3 | 84.4 | 170.5 | 273.6 | 382.5 | 486.8 | 602.6 | 742.9 | 911.5 | 1108.6 |
| -37.5° | 0.0 | 24.5 | 80.1 | 161.0 | 259.6 | 365.5 | 466.6 | 575.9 | 702.7 | 854.0 | 1039.4 |
| -40° | 0.0 | 23.7 | 75.5 | 150.9 | 244.9 | 347.1 | 445.4 | 547.7 | 660.2 | 802.4 | 971.6 |
| -42.5° | 0.0 | 22.8 | 70.6 | 140.4 | 230.0 | 327.6 | 423.0 | 518.1 | 622.7 | 752.0 | 900.5 |
| -45° | 0.0 | 21.8 | 65.6 | 129.3 | 215.2 | 307.2 | 399.6 | 488.6 | 587.2 | 699.3 | 828.5 |
| -47.5° | 0.0 | 20.9 | 60.3 | 117.7 | 199.8 | 286.0 | 375.2 | 460.1 | 550.2 | 644.7 | 767.4 |
| -50° | 0.0 | 19.9 | 54.8 | 108.5 | 183.7 | 263.8 | 348.8 | 430.4 | 511.7 | 601.4 | 704.1 |
| -52.5° | 0.0 | 18.8 | 49.1 | 99.9 | 167.1 | 240.9 | 321.3 | 399.8 | 475.3 | 556.7 | 640.4 |
| -55° | 0.0 | 17.7 | 43.2 | 91.1 | 149.8 | 219.1 | 292.9 | 367.9 | 439.1 | 510.6 | 589.1 |
| -57.5° | 0.0 | 16.6 | 37.1 | 82.0 | 132.1 | 196.9 | 263.7 | 333.8 | 401.9 | 467.5 | 536.5 |
| -60° | 0.0 | 15.4 | 30.9 | 72.6 | 114.2 | 174.1 | 233.9 | 298.8 | 363.3 | 424.6 | 484.6 |
| -62.5° | 0.0 | 14.3 | 28.5 | 63.0 | 101.3 | 150.8 | 206.0 | 263.0 | 322.5 | 380.7 | 436.0 |
| -65° | 0.0 | 13.1 | 26.1 | 53.1 | 88.2 | 126.9 | 177.4 | 227.4 | 280.7 | 334.3 | 386.4 |
| -67.5° | 0.0 | 11.8 | 23.6 | 43.1 | 74.9 | 106.4 | 148.3 | 193.5 | 238.2 | 286.7 | 334.3 |
| -70° | 0.0 | 10.6 | 21.1 | 32.9 | 61.3 | 89.5 | 118.6 | 159.0 | 198.8 | 238.2 | 280.7 |
| -72.5° | 0.0 | 9.3 | 18.6 | 27.8 | 47.5 | 72.2 | 96.8 | 124.0 | 159.0 | 193.5 | 227.4 |
| -75° | 0.0 | 8.0 | 16.0 | 23.9 | 33.4 | 54.8 | 75.9 | 96.8 | 118.6 | 148.3 | 177.4 |
| -77.5° | 0.0 | 6.7 | 13.4 | 20.0 | 26.6 | 37.1 | 54.8 | 72.2 | 89.5 | 106.4 | 126.9 |
| -80° | 0.0 | 5.4 | 10.7 | 16.1 | 21.4 | 26.6 | 33.4 | 47.5 | 61.3 | 74.9 | 88.2 |
| -82.5° | 0.0 | 4.0 | 8.1 | 12.1 | 16.1 | 20.0 | 23.9 | 27.8 | 32.9 | 43.1 | 53.1 |
| -85° | 0.0 | 2.7 | 5.4 | 8.1 | 10.7 | 13.4 | 16.0 | 18.6 | 21.1 | 23.6 | 26.1 |
| -87.5° | 0.0 | 1.3 | 2.7 | 4.0 | 5.4 | 6.7 | 8.0 | 9.3 | 10.6 | 11.8 | 13.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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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° | 14.3 | 15.4 | 16.6 | 17.7 | 18.8 | 19.9 | 20.9 | 21.8 | 22.8 | 23.7 | 24.5 |
| 85° | 28.5 | 30.9 | 37.1 | 43.2 | 49.1 | 54.8 | 60.3 | 65.6 | 70.6 | 75.5 | 80.1 |
| 82.5° | 63.0 | 72.6 | 82.0 | 91.1 | 99.9 | 108.5 | 117.7 | 129.3 | 140.4 | 150.9 | 161.0 |
| 80° | 101.3 | 114.2 | 132.1 | 149.8 | 167.1 | 183.7 | 199.8 | 215.2 | 230.0 | 244.9 | 259.6 |
| 77.5° | 150.8 | 174.1 | 196.9 | 219.1 | 240.9 | 263.8 | 286.0 | 307.2 | 327.6 | 347.1 | 365.5 |
| 75° | 206.0 | 233.9 | 263.7 | 292.9 | 321.3 | 348.8 | 375.2 | 399.6 | 423.0 | 445.4 | 466.6 |
| 72.5° | 263.0 | 298.8 | 333.8 | 367.9 | 399.8 | 430.4 | 460.1 | 488.6 | 518.1 | 547.7 | 575.9 |
| 70° | 322.5 | 363.3 | 401.9 | 439.1 | 475.3 | 511.7 | 550.2 | 587.2 | 622.7 | 660.2 | 702.7 |
| 67.5° | 380.7 | 424.6 | 467.5 | 510.6 | 556.7 | 601.4 | 644.7 | 699.3 | 752.0 | 802.4 | 854.0 |
| 65° | 436.0 | 484.6 | 536.5 | 589.1 | 640.4 | 704.1 | 767.4 | 828.5 | 900.5 | 971.6 | 1039.4 |
| 62.5° | 490.4 | 549.5 | 608.7 | 673.1 | 747.2 | 819.2 | 902.6 | 987.8 | 1069.8 | 1162.1 | 1252.0 |
| 60° | 549.5 | 615.3 | 690.4 | 773.2 | 858.5 | 957.8 | 1054.2 | 1160.9 | 1268.5 | 1372.5 | 1500.0 |
| 57.5° | 608.7 | 690.4 | 781.9 | 880.6 | 991.2 | 1102.8 | 1228.2 | 1349.5 | 1495.0 | 1640.3 | 1784.9 |
| 55° | 673.1 | 773.2 | 880.6 | 1002.4 | 1129.8 | 1268.9 | 1414.2 | 1583.6 | 1747.5 | 1930.2 | 2105.2 |
| 52.5° | 747.2 | 858.5 | 991.2 | 1129.8 | 1282.5 | 1449.7 | 1637.2 | 1831.2 | 2035.5 | 2233.9 | 2428.4 |
| 50° | 819.2 | 957.8 | 1102.8 | 1268.9 | 1449.7 | 1655.2 | 1873.3 | 2099.3 | 2322.3 | 2539.8 | 2743.5 |
| 47.5° | 902.6 | 1054.2 | 1228.2 | 1414.2 | 1637.2 | 1873.3 | 2120.6 | 2366.8 | 2607.3 | 2830.5 | 3044.2 |
| 45° | 987.8 | 1160.9 | 1349.5 | 1583.6 | 1831.2 | 2099.3 | 2366.8 | 2629.9 | 2874.3 | 3104.9 | 3306.6 |
| 42.5° | 1069.8 | 1268.5 | 1495.0 | 1747.5 | 2035.5 | 2322.3 | 2607.3 | 2874.3 | 3124.6 | 3346.7 | 3549.4 |
| 40° | 1162.1 | 1372.5 | 1640.3 | 1930.2 | 2233.9 | 2539.8 | 2830.5 | 3104.9 | 3346.7 | 3567.8 | 3773.0 |
| 37.5° | 1252.0 | 1500.0 | 1784.9 | 2105.2 | 2428.4 | 2743.5 | 3044.2 | 3306.6 | 3549.4 | 3773.0 | 3969.9 |
| 35° | 1337.4 | 1621.2 | 1938.5 | 2274.8 | 2614.1 | 2934.5 | 3227.1 | 3494.3 | 3735.4 | 3952.5 | 4153.7 |
| 32.5° | 1432.3 | 1735.8 | 2083.9 | 2437.7 | 2783.2 | 3109.5 | 3399.6 | 3660.9 | 3900.7 | 4121.1 | 4321.0 |
| 30° | 1530.1 | 1859.5 | 2222.0 | 2591.1 | 2942.1 | 3261.3 | 3550.9 | 3815.5 | 4053.3 | 4271.1 | 4466.9 |
| 27.5° | 1621.2 | 1976.1 | 2353.6 | 2729.9 | 3087.3 | 3403.6 | 3689.3 | 3949.8 | 4189.0 | 4408.2 | 4598.1 |
| 25° | 1705.4 | 2083.9 | 2475.5 | 2857.0 | 3209.5 | 3526.5 | 3814.8 | 4075.1 | 4313.0 | 4523.4 | 4707.9 |
| 22.5° | 1788.5 | 2182.7 | 2587.1 | 2973.6 | 3321.8 | 3636.4 | 3922.0 | 4183.1 | 4421.1 | 4629.5 | 4806.6 |
| 20° | 1869.3 | 2274.8 | 2685.7 | 3077.0 | 3423.7 | 3736.2 | 4019.7 | 4280.2 | 4511.9 | 4713.7 | 4890.0 |
| 17.5° | 1941.3 | 2356.7 | 2771.9 | 3160.5 | 3507.4 | 3821.5 | 4106.1 | 4367.5 | 4593.6 | 4789.7 | 4962.0 |
| 15° | 2004.1 | 2428.4 | 2847.3 | 3233.6 | 3579.4 | 3892.3 | 4176.9 | 4435.5 | 4660.1 | 4854.5 | 5025.6 |
| 12.5° | 2057.6 | 2489.5 | 2911.6 | 3296.1 | 3641.0 | 3952.9 | 4237.6 | 4492.6 | 4713.4 | 4905.3 | 5072.7 |
| 10° | 2101.7 | 2539.8 | 2964.6 | 3347.5 | 3691.8 | 4002.9 | 4287.8 | 4539.8 | 4757.6 | 4947.5 | 5111.9 |
| 7.5° | 2136.1 | 2579.1 | 3006.0 | 3387.8 | 3731.6 | 4042.2 | 4327.1 | 4577.0 | 4792.4 | 4980.7 | 5142.9 |
| 5° | 2160.7 | 2607.3 | 3035.7 | 3416.7 | 3760.2 | 4070.4 | 4355.4 | 4603.7 | 4817.4 | 5004.7 | 5165.3 |
| 2.5° | 2175.6 | 2624.2 | 3053.6 | 3434.1 | 3777.4 | 4087.3 | 4372.5 | 4619.8 | 4832.5 | 5019.2 | 5178.8 |
| 0° | 2180.5 | 2629.9 | 3059.6 | 3439.9 | 3783.1 | 4093.0 | 4378.2 | 4625.2 | 4837.6 | 5024.0 | 5183.3 |
| -2.5° | 2175.6 | 2624.2 | 3053.6 | 3434.1 | 3777.4 | 4087.3 | 4372.5 | 4619.8 | 4832.5 | 5019.2 | 5178.8 |
| -5° | 2160.7 | 2607.3 | 3035.7 | 3416.7 | 3760.2 | 4070.4 | 4355.4 | 4603.7 | 4817.4 | 5004.7 | 5165.3 |
| -7.5° | 2136.1 | 2579.1 | 3006.0 | 3387.8 | 3731.6 | 4042.2 | 4327.1 | 4577.0 | 4792.4 | 4980.7 | 5142.9 |
| -10° | 2101.7 | 2539.8 | 2964.6 | 3347.5 | 3691.8 | 4002.9 | 4287.8 | 4539.8 | 4757.6 | 4947.5 | 5111.9 |
| -12.5° | 2057.6 | 2489.5 | 2911.6 | 3296.1 | 3641.0 | 3952.9 | 4237.6 | 4492.6 | 4713.4 | 4905.3 | 5072.7 |
| -15° | 2004.1 | 2428.4 | 2847.3 | 3233.6 | 3579.4 | 3892.3 | 4176.9 | 4435.5 | 4660.1 | 4854.5 | 5025.6 |
| -17.5° | 1941.3 | 2356.7 | 2771.9 | 3160.5 | 3507.4 | 3821.5 | 4106.1 | 4367.5 | 4593.6 | 4789.7 | 4962.0 |
| -20° | 1869.3 | 2274.8 | 2685.7 | 3077.0 | 3423.7 | 3736.2 | 4019.7 | 4280.2 | 4511.9 | 4713.7 | 4890.0 |



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1788.5 | 2182.7 | 2587.1 | 2973.6 | 3321.8 | 3636.4 | 3922.0 | 4183.1 | 4421.1 | 4629.5 | 4806.6 |
| -25° | 1705.4 | 2083.9 | 2475.5 | 2857.0 | 3209.5 | 3526.5 | 3814.8 | 4075.1 | 4313.0 | 4523.4 | 4707.9 |
| -27.5° | 1621.2 | 1976.1 | 2353.6 | 2729.9 | 3087.3 | 3403.6 | 3689.3 | 3949.8 | 4189.0 | 4408.2 | 4598.1 |
| -30° | 1530.1 | 1859.5 | 2222.0 | 2591.1 | 2942.1 | 3261.3 | 3550.9 | 3815.5 | 4053.3 | 4271.1 | 4466.9 |
| -32.5° | 1432.3 | 1735.8 | 2083.9 | 2437.7 | 2783.2 | 3109.5 | 3399.6 | 3660.9 | 3900.7 | 4121.1 | 4321.0 |
| -35° | 1337.4 | 1621.2 | 1938.5 | 2274.8 | 2614.1 | 2934.5 | 3227.1 | 3494.3 | 3735.4 | 3952.5 | 4153.7 |
| -37.5° | 1252.0 | 1500.0 | 1784.9 | 2105.2 | 2428.4 | 2743.5 | 3044.2 | 3306.6 | 3549.4 | 3773.0 | 3969.9 |
| -40° | 1162.1 | 1372.5 | 1640.3 | 1930.2 | 2233.9 | 2539.8 | 2830.5 | 3104.9 | 3346.7 | 3567.8 | 3773.0 |
| -42.5° | 1069.8 | 1268.5 | 1495.0 | 1747.5 | 2035.5 | 2322.3 | 2607.3 | 2874.3 | 3124.6 | 3346.7 | 3549.4 |
| -45° | 987.8 | 1160.9 | 1349.5 | 1583.6 | 1831.2 | 2099.3 | 2366.8 | 2629.9 | 2874.3 | 3104.9 | 3306.6 |
| -47.5° | 902.6 | 1054.2 | 1228.2 | 1414.2 | 1637.2 | 1873.3 | 2120.6 | 2366.8 | 2607.3 | 2830.5 | 3044.2 |
| -50° | 819.2 | 957.8 | 1102.8 | 1268.9 | 1449.7 | 1655.2 | 1873.3 | 2099.3 | 2322.3 | 2539.8 | 2743.5 |
| -52.5° | 747.2 | 858.5 | 991.2 | 1129.8 | 1282.5 | 1449.7 | 1637.2 | 1831.2 | 2035.5 | 2233.9 | 2428.4 |
| -55° | 673.1 | 773.2 | 880.6 | 1002.4 | 1129.8 | 1268.9 | 1414.2 | 1583.6 | 1747.5 | 1930.2 | 2105.2 |
| -57.5° | 608.7 | 690.4 | 781.9 | 880.6 | 991.2 | 1102.8 | 1228.2 | 1349.5 | 1495.0 | 1640.3 | 1784.9 |
| -60° | 549.5 | 615.3 | 690.4 | 773.2 | 858.5 | 957.8 | 1054.2 | 1160.9 | 1268.5 | 1372.5 | 1500.0 |
| -62.5° | 490.4 | 549.5 | 608.7 | 673.1 | 747.2 | 819.2 | 902.6 | 987.8 | 1069.8 | 1162.1 | 1252.0 |
| -65° | 436.0 | 484.6 | 536.5 | 589.1 | 640.4 | 704.1 | 767.4 | 828.5 | 900.5 | 971.6 | 1039.4 |
| -67.5° | 380.7 | 424.6 | 467.5 | 510.6 | 556.7 | 601.4 | 644.7 | 699.3 | 752.0 | 802.4 | 854.0 |
| -70° | 322.5 | 363.3 | 401.9 | 439.1 | 475.3 | 511.7 | 550.2 | 587.2 | 622.7 | 660.2 | 702.7 |
| -72.5° | 263.0 | 298.8 | 333.8 | 367.9 | 399.8 | 430.4 | 460.1 | 488.6 | 518.1 | 547.7 | 575.9 |
| -75° | 206.0 | 233.9 | 263.7 | 292.9 | 321.3 | 348.8 | 375.2 | 399.6 | 423.0 | 445.4 | 466.6 |
| -77.5° | 150.8 | 174.1 | 196.9 | 219.1 | 240.9 | 263.8 | 286.0 | 307.2 | 327.6 | 347.1 | 365.5 |
| -80° | 101.3 | 114.2 | 132.1 | 149.8 | 167.1 | 183.7 | 199.8 | 215.2 | 230.0 | 244.9 | 259.6 |
| -82.5° | 63.0 | 72.6 | 82.0 | 91.1 | 99.9 | 108.5 | 117.7 | 129.3 | 140.4 | 150.9 | 161.0 |
| -85° | 28.5 | 30.9 | 37.1 | 43.2 | 49.1 | 54.8 | 60.3 | 65.6 | 70.6 | 75.5 | 80.1 |
| -87.5° | 14.3 | 15.4 | 16.6 | 17.7 | 18.8 | 19.9 | 20.9 | 21.8 | 22.8 | 23.7 | 24.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 25.3 | 26.1 | 26.8 | 27.4 | 28.0 | 28.5 | 29.0 | 29.5 | 29.8 | 30.2 | 30.4 |
| 85° | 84.4 | 88.5 | 92.3 | 95.8 | 99.0 | 102.0 | 104.7 | 107.0 | 109.1 | 110.8 | 112.2 |
| 82.5° | 170.5 | 179.4 | 187.7 | 195.4 | 202.6 | 209.0 | 214.9 | 220.0 | 224.5 | 228.4 | 231.5 |
| 80° | 273.6 | 286.7 | 298.9 | 310.3 | 320.7 | 330.3 | 338.9 | 346.5 | 353.1 | 358.7 | 363.3 |
| 77.5° | 382.5 | 398.2 | 412.9 | 426.5 | 439.1 | 450.5 | 460.8 | 469.9 | 477.9 | 484.6 | 490.2 |
| 75° | 486.8 | 506.4 | 526.5 | 545.1 | 562.2 | 577.8 | 591.9 | 604.4 | 615.3 | 624.5 | 632.1 |
| 72.5° | 602.6 | 627.7 | 653.0 | 681.7 | 708.1 | 732.2 | 753.9 | 773.2 | 790.1 | 804.4 | 816.1 |
| 70° | 742.9 | 780.9 | 816.4 | 852.6 | 891.1 | 926.2 | 957.8 | 986.0 | 1010.5 | 1031.3 | 1048.5 |
| 67.5° | 911.5 | 965.8 | 1016.6 | 1063.9 | 1113.2 | 1160.9 | 1204.0 | 1242.3 | 1275.7 | 1304.1 | 1327.5 |
| 65° | 1108.6 | 1181.4 | 1249.6 | 1313.1 | 1372.5 | 1441.7 | 1504.3 | 1559.9 | 1608.4 | 1649.8 | 1683.8 |
| 62.5° | 1337.4 | 1432.3 | 1530.1 | 1621.2 | 1705.4 | 1788.5 | 1869.3 | 1941.3 | 2004.1 | 2057.6 | 2101.7 |
| 60° | 1621.2 | 1735.8 | 1859.5 | 1976.1 | 2083.9 | 2182.7 | 2274.8 | 2356.7 | 2428.4 | 2489.5 | 2539.8 |
| 57.5° | 1938.5 | 2083.9 | 2222.0 | 2353.6 | 2475.5 | 2587.1 | 2685.7 | 2771.9 | 2847.3 | 2911.6 | 2964.6 |
| 55° | 2274.8 | 2437.7 | 2591.1 | 2729.9 | 2857.0 | 2973.6 | 3077.0 | 3160.5 | 3233.6 | 3296.1 | 3347.5 |
| 52.5° | 2614.1 | 2783.2 | 2942.1 | 3087.3 | 3209.5 | 3321.8 | 3423.7 | 3507.4 | 3579.4 | 3641.0 | 3691.8 |
| 50° | 2934.5 | 3109.5 | 3261.3 | 3403.6 | 3526.5 | 3636.4 | 3736.2 | 3821.5 | 3892.3 | 3952.9 | 4002.9 |
| 47.5° | 3227.1 | 3399.6 | 3550.9 | 3689.3 | 3814.8 | 3922.0 | 4019.7 | 4106.1 | 4176.9 | 4237.6 | 4287.8 |
| 45° | 3494.3 | 3660.9 | 3815.5 | 3949.8 | 4075.1 | 4183.1 | 4280.2 | 4367.5 | 4435.5 | 4492.6 | 4539.8 |
| 42.5° | 3735.4 | 3900.7 | 4053.3 | 4189.0 | 4313.0 | 4421.1 | 4511.9 | 4593.6 | 4660.1 | 4713.4 | 4757.6 |
| 40° | 3952.5 | 4121.1 | 4271.1 | 4408.2 | 4523.4 | 4629.5 | 4713.7 | 4789.7 | 4854.5 | 4905.3 | 4947.5 |
| 37.5° | 4153.7 | 4321.0 | 4466.9 | 4598.1 | 4707.9 | 4806.6 | 4890.0 | 4962.0 | 5025.6 | 5072.7 | 5111.9 |
| 35° | 4337.7 | 4496.6 | 4641.1 | 4761.3 | 4870.2 | 4963.1 | 5045.1 | 5111.6 | 5170.7 | 5215.5 | 5251.3 |
| 32.5° | 4496.6 | 4654.2 | 4788.3 | 4906.6 | 5012.9 | 5099.6 | 5178.4 | 5239.2 | 5292.8 | 5336.0 | 5369.2 |
| 30° | 4641.1 | 4788.3 | 4918.9 | 5036.1 | 5133.0 | 5217.4 | 5288.3 | 5347.7 | 5397.2 | 5438.4 | 5467.7 |
| 27.5° | 4761.3 | 4906.6 | 5036.1 | 5144.2 | 5236.9 | 5318.1 | 5383.0 | 5440.2 | 5483.5 | 5521.4 | 5546.6 |
| 25° | 4870.2 | 5012.9 | 5133.0 | 5236.9 | 5326.8 | 5401.0 | 5462.8 | 5514.6 | 5553.0 | 5585.5 | 5604.2 |
| 22.5° | 4963.1 | 5099.6 | 5217.4 | 5318.1 | 5401.0 | 5470.4 | 5528.6 | 5572.5 | 5603.9 | 5623.5 | 5634.6 |
| 20° | 5045.1 | 5178.4 | 5288.3 | 5383.0 | 5462.8 | 5528.6 | 5579.1 | 5611.6 | 5633.4 | 5638.8 | 5642.0 |
| 17.5° | 5111.6 | 5239.2 | 5347.7 | 5440.2 | 5514.6 | 5572.5 | 5611.6 | 5634.5 | 5641.0 | 5639.9 | 5636.6 |
| 15° | 5170.7 | 5292.8 | 5397.2 | 5483.5 | 5553.0 | 5603.9 | 5633.4 | 5641.0 | 5639.1 | 5632.5 | 5622.3 |
| 12.5° | 5215.5 | 5336.0 | 5438.4 | 5521.4 | 5585.5 | 5623.5 | 5638.8 | 5639.9 | 5632.5 | 5619.8 | 5605.4 |
| 10° | 5251.3 | 5369.2 | 5467.7 | 5546.6 | 5604.2 | 5634.6 | 5642.0 | 5636.6 | 5622.3 | 5605.4 | 5589.4 |
| 7.5° | 5279.6 | 5395.6 | 5490.9 | 5566.6 | 5616.4 | 5638.0 | 5639.6 | 5629.4 | 5612.3 | 5593.1 | 5575.8 |
| 5° | 5300.1 | 5414.7 | 5507.9 | 5581.3 | 5625.4 | 5640.5 | 5637.9 | 5623.8 | 5603.9 | 5583.9 | 5568.0 |
| 2.5° | 5312.5 | 5426.3 | 5518.2 | 5590.2 | 5630.9 | 5642.1 | 5636.8 | 5620.3 | 5598.7 | 5577.9 | 5562.9 |
| 0° | 5316.6 | 5430.2 | 5521.6 | 5593.2 | 5632.7 | 5642.6 | 5636.4 | 5619.1 | 5596.9 | 5575.9 | 5561.1 |
| -2.5° | 5312.5 | 5426.3 | 5518.2 | 5590.2 | 5630.9 | 5642.1 | 5636.8 | 5620.3 | 5598.7 | 5577.9 | 5562.9 |
| -5° | 5300.1 | 5414.7 | 5507.9 | 5581.3 | 5625.4 | 5640.5 | 5637.9 | 5623.8 | 5603.9 | 5583.9 | 5568.0 |
| -7.5° | 5279.6 | 5395.6 | 5490.9 | 5566.6 | 5616.4 | 5638.0 | 5639.6 | 5629.4 | 5612.3 | 5593.1 | 5575.8 |
| -10° | 5251.3 | 5369.2 | 5467.7 | 5546.6 | 5604.2 | 5634.6 | 5642.0 | 5636.6 | 5622.3 | 5605.4 | 5589.4 |
| -12.5° | 5215.5 | 5336.0 | 5438.4 | 5521.4 | 5585.5 | 5623.5 | 5638.8 | 5639.9 | 5632.5 | 5619.8 | 5605.4 |
| -15° | 5170.7 | 5292.8 | 5397.2 | 5483.5 | 5553.0 | 5603.9 | 5633.4 | 5641.0 | 5639.1 | 5632.5 | 5622.3 |
| -17.5° | 5111.6 | 5239.2 | 5347.7 | 5440.2 | 5514.6 | 5572.5 | 5611.6 | 5634.5 | 5641.0 | 5639.9 | 5636.6 |
| -20° | 5045.1 | 5178.4 | 5288.3 | 5383.0 | 5462.8 | 5528.6 | 5579.1 | 5611.6 | 5633.4 | 5638.8 | 5642.0 |



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 4963.1 | 5099.6 | 5217.4 | 5318.1 | 5401.0 | 5470.4 | 5528.6 | 5572.5 | 5603.9 | 5623.5 | 5634.6 |
| -25° | 4870.2 | 5012.9 | 5133.0 | 5236.9 | 5326.8 | 5401.0 | 5462.8 | 5514.6 | 5553.0 | 5585.5 | 5604.2 |
| -27.5° | 4761.3 | 4906.6 | 5036.1 | 5144.2 | 5236.9 | 5318.1 | 5383.0 | 5440.2 | 5483.5 | 5521.4 | 5546.6 |
| -30° | 4641.1 | 4788.3 | 4918.9 | 5036.1 | 5133.0 | 5217.4 | 5288.3 | 5347.7 | 5397.2 | 5438.4 | 5467.7 |
| -32.5° | 4496.6 | 4654.2 | 4788.3 | 4906.6 | 5012.9 | 5099.6 | 5178.4 | 5239.2 | 5292.8 | 5336.0 | 5369.2 |
| -35° | 4337.7 | 4496.6 | 4641.1 | 4761.3 | 4870.2 | 4963.1 | 5045.1 | 5111.6 | 5170.7 | 5215.5 | 5251.3 |
| -37.5° | 4153.7 | 4321.0 | 4466.9 | 4598.1 | 4707.9 | 4806.6 | 4890.0 | 4962.0 | 5025.6 | 5072.7 | 5111.9 |
| -40° | 3952.5 | 4121.1 | 4271.1 | 4408.2 | 4523.4 | 4629.5 | 4713.7 | 4789.7 | 4854.5 | 4905.3 | 4947.5 |
| -42.5° | 3735.4 | 3900.7 | 4053.3 | 4189.0 | 4313.0 | 4421.1 | 4511.9 | 4593.6 | 4660.1 | 4713.4 | 4757.6 |
| -45° | 3494.3 | 3660.9 | 3815.5 | 3949.8 | 4075.1 | 4183.1 | 4280.2 | 4367.5 | 4435.5 | 4492.6 | 4539.8 |
| -47.5° | 3227.1 | 3399.6 | 3550.9 | 3689.3 | 3814.8 | 3922.0 | 4019.7 | 4106.1 | 4176.9 | 4237.6 | 4287.8 |
| -50° | 2934.5 | 3109.5 | 3261.3 | 3403.6 | 3526.5 | 3636.4 | 3736.2 | 3821.5 | 3892.3 | 3952.9 | 4002.9 |
| -52.5° | 2614.1 | 2783.2 | 2942.1 | 3087.3 | 3209.5 | 3321.8 | 3423.7 | 3507.4 | 3579.4 | 3641.0 | 3691.8 |
| -55° | 2274.8 | 2437.7 | 2591.1 | 2729.9 | 2857.0 | 2973.6 | 3077.0 | 3160.5 | 3233.6 | 3296.1 | 3347.5 |
| -57.5° | 1938.5 | 2083.9 | 2222.0 | 2353.6 | 2475.5 | 2587.1 | 2685.7 | 2771.9 | 2847.3 | 2911.6 | 2964.6 |
| -60° | 1621.2 | 1735.8 | 1859.5 | 1976.1 | 2083.9 | 2182.7 | 2274.8 | 2356.7 | 2428.4 | 2489.5 | 2539.8 |
| -62.5° | 1337.4 | 1432.3 | 1530.1 | 1621.2 | 1705.4 | 1788.5 | 1869.3 | 1941.3 | 2004.1 | 2057.6 | 2101.7 |
| -65° | 1108.6 | 1181.4 | 1249.6 | 1313.1 | 1372.5 | 1441.7 | 1504.3 | 1559.9 | 1608.4 | 1649.8 | 1683.8 |
| -67.5° | 911.5 | 965.8 | 1016.6 | 1063.9 | 1113.2 | 1160.9 | 1204.0 | 1242.3 | 1275.7 | 1304.1 | 1327.5 |
| -70° | 742.9 | 780.9 | 816.4 | 852.6 | 891.1 | 926.2 | 957.8 | 986.0 | 1010.5 | 1031.3 | 1048.5 |
| -72.5° | 602.6 | 627.7 | 653.0 | 681.7 | 708.1 | 732.2 | 753.9 | 773.2 | 790.1 | 804.4 | 816.1 |
| -75° | 486.8 | 506.4 | 526.5 | 545.1 | 562.2 | 577.8 | 591.9 | 604.4 | 615.3 | 624.5 | 632.1 |
| -77.5° | 382.5 | 398.2 | 412.9 | 426.5 | 439.1 | 450.5 | 460.8 | 469.9 | 477.9 | 484.6 | 490.2 |
| -80° | 273.6 | 286.7 | 298.9 | 310.3 | 320.7 | 330.3 | 338.9 | 346.5 | 353.1 | 358.7 | 363.3 |
| -82.5° | 170.5 | 179.4 | 187.7 | 195.4 | 202.6 | 209.0 | 214.9 | 220.0 | 224.5 | 228.4 | 231.5 |
| -85° | 84.4 | 88.5 | 92.3 | 95.8 | 99.0 | 102.0 | 104.7 | 107.0 | 109.1 | 110.8 | 112.2 |
| -87.5° | 25.3 | 26.1 | 26.8 | 27.4 | 28.0 | 28.5 | 29.0 | 29.5 | 29.8 | 30.2 | 30.4 |
| -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: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 30.6 | 30.8 | 30.9 | 30.9 | 30.9 | 30.8 | 30.6 | 30.4 | 30.2 | 29.8 | 29.5 |
| 85° | 113.4 | 114.2 | 114.6 | 114.8 | 114.6 | 114.2 | 113.4 | 112.2 | 110.8 | 109.1 | 107.0 |
| 82.5° | 233.9 | 235.7 | 236.7 | 237.1 | 236.7 | 235.7 | 233.9 | 231.5 | 228.4 | 224.5 | 220.0 |
| 80° | 367.0 | 369.5 | 371.1 | 371.6 | 371.1 | 369.5 | 367.0 | 363.3 | 358.7 | 353.1 | 346.5 |
| 77.5° | 494.5 | 497.6 | 499.5 | 500.1 | 499.5 | 497.6 | 494.5 | 490.2 | 484.6 | 477.9 | 469.9 |
| 75° | 638.1 | 642.3 | 644.8 | 645.7 | 644.8 | 642.3 | 638.1 | 632.1 | 624.5 | 615.3 | 604.4 |
| 72.5° | 825.3 | 831.8 | 835.8 | 837.1 | 835.8 | 831.8 | 825.3 | 816.1 | 804.4 | 790.1 | 773.2 |
| 70° | 1061.8 | 1071.4 | 1077.2 | 1079.1 | 1077.2 | 1071.4 | 1061.8 | 1048.5 | 1031.3 | 1010.5 | 986.0 |
| 67.5° | 1345.7 | 1358.8 | 1366.7 | 1369.3 | 1366.7 | 1358.8 | 1345.7 | 1327.5 | 1304.1 | 1275.7 | 1242.3 |
| 65° | 1710.3 | 1729.3 | 1740.8 | 1744.6 | 1740.8 | 1729.3 | 1710.3 | 1683.8 | 1649.8 | 1608.4 | 1559.9 |
| 62.5° | 2136.1 | 2160.7 | 2175.6 | 2180.5 | 2175.6 | 2160.7 | 2136.1 | 2101.7 | 2057.6 | 2004.1 | 1941.3 |
| 60° | 2579.1 | 2607.3 | 2624.2 | 2629.9 | 2624.2 | 2607.3 | 2579.1 | 2539.8 | 2489.5 | 2428.4 | 2356.7 |
| 57.5° | 3006.0 | 3035.7 | 3053.6 | 3059.6 | 3053.6 | 3035.7 | 3006.0 | 2964.6 | 2911.6 | 2847.3 | 2771.9 |
| 55° | 3387.8 | 3416.7 | 3434.1 | 3439.9 | 3434.1 | 3416.7 | 3387.8 | 3347.5 | 3296.1 | 3233.6 | 3160.5 |
| 52.5° | 3731.6 | 3760.2 | 3777.4 | 3783.1 | 3777.4 | 3760.2 | 3731.6 | 3691.8 | 3641.0 | 3579.4 | 3507.4 |
| 50° | 4042.2 | 4070.4 | 4087.3 | 4093.0 | 4087.3 | 4070.4 | 4042.2 | 4002.9 | 3952.9 | 3892.3 | 3821.5 |
| 47.5° | 4327.1 | 4355.4 | 4372.5 | 4378.2 | 4372.5 | 4355.4 | 4327.1 | 4287.8 | 4237.6 | 4176.9 | 4106.1 |
| 45° | 4577.0 | 4603.7 | 4619.8 | 4625.2 | 4619.8 | 4603.7 | 4577.0 | 4539.8 | 4492.6 | 4435.5 | 4367.5 |
| 42.5° | 4792.4 | 4817.4 | 4832.5 | 4837.6 | 4832.5 | 4817.4 | 4792.4 | 4757.6 | 4713.4 | 4660.1 | 4593.6 |
| 40° | 4980.7 | 5004.7 | 5019.2 | 5024.0 | 5019.2 | 5004.7 | 4980.7 | 4947.5 | 4905.3 | 4854.5 | 4789.7 |
| 37.5° | 5142.9 | 5165.3 | 5178.8 | 5183.3 | 5178.8 | 5165.3 | 5142.9 | 5111.9 | 5072.7 | 5025.6 | 4962.0 |
| 35° | 5279.6 | 5300.1 | 5312.5 | 5316.6 | 5312.5 | 5300.1 | 5279.6 | 5251.3 | 5215.5 | 5170.7 | 5111.6 |
| 32.5° | 5395.6 | 5414.7 | 5426.3 | 5430.2 | 5426.3 | 5414.7 | 5395.6 | 5369.2 | 5336.0 | 5292.8 | 5239.2 |
| 30° | 5490.9 | 5507.9 | 5518.2 | 5521.6 | 5518.2 | 5507.9 | 5490.9 | 5467.7 | 5438.4 | 5397.2 | 5347.7 |
| 27.5° | 5566.6 | 5581.3 | 5590.2 | 5593.2 | 5590.2 | 5581.3 | 5566.6 | 5546.6 | 5521.4 | 5483.5 | 5440.2 |
| 25° | 5616.4 | 5625.4 | 5630.9 | 5632.7 | 5630.9 | 5625.4 | 5616.4 | 5604.2 | 5585.5 | 5553.0 | 5514.6 |
| 22.5° | 5638.0 | 5640.5 | 5642.1 | 5642.6 | 5642.1 | 5640.5 | 5638.0 | 5634.6 | 5623.5 | 5603.9 | 5572.5 |
| 20° | 5639.6 | 5637.9 | 5636.8 | 5636.4 | 5636.8 | 5637.9 | 5639.6 | 5642.0 | 5638.8 | 5633.4 | 5611.6 |
| 17.5° | 5629.4 | 5623.8 | 5620.3 | 5619.1 | 5620.3 | 5623.8 | 5629.4 | 5636.6 | 5639.9 | 5641.0 | 5634.5 |
| 15° | 5612.3 | 5603.9 | 5598.7 | 5596.9 | 5598.7 | 5603.9 | 5612.3 | 5622.3 | 5632.5 | 5639.1 | 5641.0 |
| 12.5° | 5593.1 | 5583.9 | 5577.9 | 5575.9 | 5577.9 | 5583.9 | 5593.1 | 5605.4 | 5619.8 | 5632.5 | 5639.9 |
| 10° | 5575.8 | 5568.0 | 5562.9 | 5561.1 | 5562.9 | 5568.0 | 5575.8 | 5589.4 | 5605.4 | 5622.3 | 5636.6 |
| 7.5° | 5564.6 | 5557.6 | 5553.8 | 5552.4 | 5553.8 | 5557.6 | 5564.6 | 5575.8 | 5593.1 | 5612.3 | 5629.4 |
| 5° | 5557.6 | 5550.7 | 5544.9 | 5542.6 | 5544.9 | 5550.7 | 5557.6 | 5568.0 | 5583.9 | 5603.9 | 5623.8 |
| 2.5° | 5553.8 | 5544.9 | 5536.1 | 5531.5 | 5536.1 | 5544.9 | 5553.8 | 5562.9 | 5577.9 | 5598.7 | 5620.3 |
| 0° | 5552.4 | 5542.6 | 5531.5 | 5532.7 | 5531.5 | 5542.6 | 5552.4 | 5561.1 | 5575.9 | 5596.9 | 5619.1 |
| -2.5° | 5553.8 | 5544.9 | 5536.1 | 5531.5 | 5536.1 | 5544.9 | 5553.8 | 5562.9 | 5577.9 | 5598.7 | 5620.3 |
| -5° | 5557.6 | 5550.7 | 5544.9 | 5542.6 | 5544.9 | 5550.7 | 5557.6 | 5568.0 | 5583.9 | 5603.9 | 5623.8 |
| -7.5° | 5564.6 | 5557.6 | 5553.8 | 5552.4 | 5553.8 | 5557.6 | 5564.6 | 5575.8 | 5593.1 | 5612.3 | 5629.4 |
| -10° | 5575.8 | 5568.0 | 5562.9 | 5561.1 | 5562.9 | 5568.0 | 5575.8 | 5589.4 | 5605.4 | 5622.3 | 5636.6 |
| -12.5° | 5593.1 | 5583.9 | 5577.9 | 5575.9 | 5577.9 | 5583.9 | 5593.1 | 5605.4 | 5619.8 | 5632.5 | 5639.9 |
| -15° | 5612.3 | 5603.9 | 5598.7 | 5596.9 | 5598.7 | 5603.9 | 5612.3 | 5622.3 | 5632.5 | 5639.1 | 5641.0 |
| -17.5° | 5629.4 | 5623.8 | 5620.3 | 5619.1 | 5620.3 | 5623.8 | 5629.4 | 5636.6 | 5639.9 | 5641.0 | 5634.5 |
| -20° | 5639.6 | 5637.9 | 5636.8 | 5636.4 | 5636.8 | 5637.9 | 5639.6 | 5642.0 | 5638.8 | 5633.4 | 5611.6 |



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 5638.0 | 5640.5 | 5642.1 | 5642.6 | 5642.1 | 5640.5 | 5638.0 | 5634.6 | 5623.5 | 5603.9 | 5572.5 |
| -25° | 5616.4 | 5625.4 | 5630.9 | 5632.7 | 5630.9 | 5625.4 | 5616.4 | 5604.2 | 5585.5 | 5553.0 | 5514.6 |
| -27.5° | 5566.6 | 5581.3 | 5590.2 | 5593.2 | 5590.2 | 5581.3 | 5566.6 | 5546.6 | 5521.4 | 5483.5 | 5440.2 |
| -30° | 5490.9 | 5507.9 | 5518.2 | 5521.6 | 5518.2 | 5507.9 | 5490.9 | 5467.7 | 5438.4 | 5397.2 | 5347.7 |
| -32.5° | 5395.6 | 5414.7 | 5426.3 | 5430.2 | 5426.3 | 5414.7 | 5395.6 | 5369.2 | 5336.0 | 5292.8 | 5239.2 |
| -35° | 5279.6 | 5300.1 | 5312.5 | 5316.6 | 5312.5 | 5300.1 | 5279.6 | 5251.3 | 5215.5 | 5170.7 | 5111.6 |
| -37.5° | 5142.9 | 5165.3 | 5178.8 | 5183.3 | 5178.8 | 5165.3 | 5142.9 | 5111.9 | 5072.7 | 5025.6 | 4962.0 |
| -40° | 4980.7 | 5004.7 | 5019.2 | 5024.0 | 5019.2 | 5004.7 | 4980.7 | 4947.5 | 4905.3 | 4854.5 | 4789.7 |
| -42.5° | 4792.4 | 4817.4 | 4832.5 | 4837.6 | 4832.5 | 4817.4 | 4792.4 | 4757.6 | 4713.4 | 4660.1 | 4593.6 |
| -45° | 4577.0 | 4603.7 | 4619.8 | 4625.2 | 4619.8 | 4603.7 | 4577.0 | 4539.8 | 4492.6 | 4435.5 | 4367.5 |
| -47.5° | 4327.1 | 4355.4 | 4372.5 | 4378.2 | 4372.5 | 4355.4 | 4327.1 | 4287.8 | 4237.6 | 4176.9 | 4106.1 |
| -50° | 4042.2 | 4070.4 | 4087.3 | 4093.0 | 4087.3 | 4070.4 | 4042.2 | 4002.9 | 3952.9 | 3892.3 | 3821.5 |
| -52.5° | 3731.6 | 3760.2 | 3777.4 | 3783.1 | 3777.4 | 3760.2 | 3731.6 | 3691.8 | 3641.0 | 3579.4 | 3507.4 |
| -55° | 3387.8 | 3416.7 | 3434.1 | 3439.9 | 3434.1 | 3416.7 | 3387.8 | 3347.5 | 3296.1 | 3233.6 | 3160.5 |
| -57.5° | 3006.0 | 3035.7 | 3053.6 | 3059.6 | 3053.6 | 3035.7 | 3006.0 | 2964.6 | 2911.6 | 2847.3 | 2771.9 |
| -60° | 2579.1 | 2607.3 | 2624.2 | 2629.9 | 2624.2 | 2607.3 | 2579.1 | 2539.8 | 2489.5 | 2428.4 | 2356.7 |
| -62.5° | 2136.1 | 2160.7 | 2175.6 | 2180.5 | 2175.6 | 2160.7 | 2136.1 | 2101.7 | 2057.6 | 2004.1 | 1941.3 |
| -65° | 1710.3 | 1729.3 | 1740.8 | 1744.6 | 1740.8 | 1729.3 | 1710.3 | 1683.8 | 1649.8 | 1608.4 | 1559.9 |
| -67.5° | 1345.7 | 1358.8 | 1366.7 | 1369.3 | 1366.7 | 1358.8 | 1345.7 | 1327.5 | 1304.1 | 1275.7 | 1242.3 |
| -70° | 1061.8 | 1071.4 | 1077.2 | 1079.1 | 1077.2 | 1071.4 | 1061.8 | 1048.5 | 1031.3 | 1010.5 | 986.0 |
| -72.5° | 825.3 | 831.8 | 835.8 | 837.1 | 835.8 | 831.8 | 825.3 | 816.1 | 804.4 | 790.1 | 773.2 |
| -75° | 638.1 | 642.3 | 644.8 | 645.7 | 644.8 | 642.3 | 638.1 | 632.1 | 624.5 | 615.3 | 604.4 |
| -77.5° | 494.5 | 497.6 | 499.5 | 500.1 | 499.5 | 497.6 | 494.5 | 490.2 | 484.6 | 477.9 | 469.9 |
| -80° | 367.0 | 369.5 | 371.1 | 371.6 | 371.1 | 369.5 | 367.0 | 363.3 | 358.7 | 353.1 | 346.5 |
| -82.5° | 233.9 | 235.7 | 236.7 | 237.1 | 236.7 | 235.7 | 233.9 | 231.5 | 228.4 | 224.5 | 220.0 |
| -85° | 113.4 | 114.2 | 114.6 | 114.8 | 114.6 | 114.2 | 113.4 | 112.2 | 110.8 | 109.1 | 107.0 |
| -87.5° | 30.6 | 30.8 | 30.9 | 30.9 | 30.9 | 30.8 | 30.6 | 30.4 | 30.2 | 29.8 | 29.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 29.0 | 28.5 | 28.0 | 27.4 | 26.8 | 26.1 | 25.3 | 24.5 | 23.7 | 22.8 | 21.8 |
| 85° | 104.7 | 102.0 | 99.0 | 95.8 | 92.3 | 88.5 | 84.4 | 80.1 | 75.5 | 70.6 | 65.6 |
| 82.5° | 214.9 | 209.0 | 202.6 | 195.4 | 187.7 | 179.4 | 170.5 | 161.0 | 150.9 | 140.4 | 129.3 |
| 80° | 338.9 | 330.3 | 320.7 | 310.3 | 298.9 | 286.7 | 273.6 | 259.6 | 244.9 | 230.0 | 215.2 |
| 77.5° | 460.8 | 450.5 | 439.1 | 426.5 | 412.9 | 398.2 | 382.5 | 365.5 | 347.1 | 327.6 | 307.2 |
| 75° | 591.9 | 577.8 | 562.2 | 545.1 | 526.5 | 506.4 | 486.8 | 466.6 | 445.4 | 423.0 | 399.6 |
| 72.5° | 753.9 | 732.2 | 708.1 | 681.7 | 653.0 | 627.7 | 602.6 | 575.9 | 547.7 | 518.1 | 488.6 |
| 70° | 957.8 | 926.2 | 891.1 | 852.6 | 816.4 | 780.9 | 742.9 | 702.7 | 660.2 | 622.7 | 587.2 |
| 67.5° | 1204.0 | 1160.9 | 1113.2 | 1063.9 | 1016.6 | 965.8 | 911.5 | 854.0 | 802.4 | 752.0 | 699.3 |
| 65° | 1504.3 | 1441.7 | 1372.5 | 1313.1 | 1249.6 | 1181.4 | 1108.6 | 1039.4 | 971.6 | 900.5 | 828.5 |
| 62.5° | 1869.3 | 1788.5 | 1705.4 | 1621.2 | 1530.1 | 1432.3 | 1337.4 | 1252.0 | 1162.1 | 1069.8 | 987.8 |
| 60° | 2274.8 | 2182.7 | 2083.9 | 1976.1 | 1859.5 | 1735.8 | 1621.2 | 1500.0 | 1372.5 | 1268.5 | 1160.9 |
| 57.5° | 2685.7 | 2587.1 | 2475.5 | 2353.6 | 2222.0 | 2083.9 | 1938.5 | 1784.9 | 1640.3 | 1495.0 | 1349.5 |
| 55° | 3077.0 | 2973.6 | 2857.0 | 2729.9 | 2591.1 | 2437.7 | 2274.8 | 2105.2 | 1930.2 | 1747.5 | 1583.6 |
| 52.5° | 3423.7 | 3321.8 | 3209.5 | 3087.3 | 2942.1 | 2783.2 | 2614.1 | 2428.4 | 2233.9 | 2035.5 | 1831.2 |
| 50° | 3736.2 | 3636.4 | 3526.5 | 3403.6 | 3261.3 | 3109.5 | 2934.5 | 2743.5 | 2539.8 | 2322.3 | 2099.3 |
| 47.5° | 4019.7 | 3922.0 | 3814.8 | 3689.3 | 3550.9 | 3399.6 | 3227.1 | 3044.2 | 2830.5 | 2607.3 | 2366.8 |
| 45° | 4280.2 | 4183.1 | 4075.1 | 3949.8 | 3815.5 | 3660.9 | 3494.3 | 3306.6 | 3104.9 | 2874.3 | 2629.9 |
| 42.5° | 4511.9 | 4421.1 | 4313.0 | 4189.0 | 4053.3 | 3900.7 | 3735.4 | 3549.4 | 3346.7 | 3124.6 | 2874.3 |
| 40° | 4713.7 | 4629.5 | 4523.4 | 4408.2 | 4271.1 | 4121.1 | 3952.5 | 3773.0 | 3567.8 | 3346.7 | 3104.9 |
| 37.5° | 4890.0 | 4806.6 | 4707.9 | 4598.1 | 4466.9 | 4321.0 | 4153.7 | 3969.9 | 3773.0 | 3549.4 | 3306.6 |
| 35° | 5045.1 | 4963.1 | 4870.2 | 4761.3 | 4641.1 | 4496.6 | 4337.7 | 4153.7 | 3952.5 | 3735.4 | 3494.3 |
| 32.5° | 5178.4 | 5099.6 | 5012.9 | 4906.6 | 4788.3 | 4654.2 | 4496.6 | 4321.0 | 4121.1 | 3900.7 | 3660.9 |
| 30° | 5288.3 | 5217.4 | 5133.0 | 5036.1 | 4918.9 | 4788.3 | 4641.1 | 4466.9 | 4271.1 | 4053.3 | 3815.5 |
| 27.5° | 5383.0 | 5318.1 | 5236.9 | 5144.2 | 5036.1 | 4906.6 | 4761.3 | 4598.1 | 4408.2 | 4189.0 | 3949.8 |
| 25° | 5462.8 | 5401.0 | 5326.8 | 5236.9 | 5133.0 | 5012.9 | 4870.2 | 4707.9 | 4523.4 | 4313.0 | 4075.1 |
| 22.5° | 5528.6 | 5470.4 | 5401.0 | 5318.1 | 5217.4 | 5099.6 | 4963.1 | 4806.6 | 4629.5 | 4421.1 | 4183.1 |
| 20° | 5579.1 | 5528.6 | 5462.8 | 5383.0 | 5288.3 | 5178.4 | 5045.1 | 4890.0 | 4713.7 | 4511.9 | 4280.2 |
| 17.5° | 5611.6 | 5572.5 | 5514.6 | 5440.2 | 5347.7 | 5239.2 | 5111.6 | 4962.0 | 4789.7 | 4593.6 | 4367.5 |
| 15° | 5633.4 | 5603.9 | 5553.0 | 5483.5 | 5397.2 | 5292.8 | 5170.7 | 5025.6 | 4854.5 | 4660.1 | 4435.5 |
| 12.5° | 5638.8 | 5623.5 | 5585.5 | 5521.4 | 5438.4 | 5336.0 | 5215.5 | 5072.7 | 4905.3 | 4713.4 | 4492.6 |
| 10° | 5642.0 | 5634.6 | 5604.2 | 5546.6 | 5467.7 | 5369.2 | 5251.3 | 5111.9 | 4947.5 | 4757.6 | 4539.8 |
| 7.5° | 5639.6 | 5638.0 | 5616.4 | 5566.6 | 5490.9 | 5395.6 | 5279.6 | 5142.9 | 4980.7 | 4792.4 | 4577.0 |
| 5° | 5637.9 | 5640.5 | 5625.4 | 5581.3 | 5507.9 | 5414.7 | 5300.1 | 5165.3 | 5004.7 | 4817.4 | 4603.7 |
| 2.5° | 5636.8 | 5642.1 | 5630.9 | 5590.2 | 5518.2 | 5426.3 | 5312.5 | 5178.8 | 5019.2 | 4832.5 | 4619.8 |
| 0° | 5636.4 | 5642.6 | 5632.7 | 5593.2 | 5521.6 | 5430.2 | 5316.6 | 5183.3 | 5024.0 | 4837.6 | 4625.2 |
| -2.5° | 5636.8 | 5642.1 | 5630.9 | 5590.2 | 5518.2 | 5426.3 | 5312.5 | 5178.8 | 5019.2 | 4832.5 | 4619.8 |
| -5° | 5637.9 | 5640.5 | 5625.4 | 5581.3 | 5507.9 | 5414.7 | 5300.1 | 5165.3 | 5004.7 | 4817.4 | 4603.7 |
| -7.5° | 5639.6 | 5638.0 | 5616.4 | 5566.6 | 5490.9 | 5395.6 | 5279.6 | 5142.9 | 4980.7 | 4792.4 | 4577.0 |
| -10° | 5642.0 | 5634.6 | 5604.2 | 5546.6 | 5467.7 | 5369.2 | 5251.3 | 5111.9 | 4947.5 | 4757.6 | 4539.8 |
| -12.5° | 5638.8 | 5623.5 | 5585.5 | 5521.4 | 5438.4 | 5336.0 | 5215.5 | 5072.7 | 4905.3 | 4713.4 | 4492.6 |
| -15° | 5633.4 | 5603.9 | 5553.0 | 5483.5 | 5397.2 | 5292.8 | 5170.7 | 5025.6 | 4854.5 | 4660.1 | 4435.5 |
| -17.5° | 5611.6 | 5572.5 | 5514.6 | 5440.2 | 5347.7 | 5239.2 | 5111.6 | 4962.0 | 4789.7 | 4593.6 | 4367.5 |
| -20° | 5579.1 | 5528.6 | 5462.8 | 5383.0 | 5288.3 | 5178.4 | 5045.1 | 4890.0 | 4713.7 | 4511.9 | 4280.2 |



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 5528.6 | 5470.4 | 5401.0 | 5318.1 | 5217.4 | 5099.6 | 4963.1 | 4806.6 | 4629.5 | 4421.1 | 4183.1 |
| -25° | 5462.8 | 5401.0 | 5326.8 | 5236.9 | 5133.0 | 5012.9 | 4870.2 | 4707.9 | 4523.4 | 4313.0 | 4075.1 |
| -27.5° | 5383.0 | 5318.1 | 5236.9 | 5144.2 | 5036.1 | 4906.6 | 4761.3 | 4598.1 | 4408.2 | 4189.0 | 3949.8 |
| -30° | 5288.3 | 5217.4 | 5133.0 | 5036.1 | 4918.9 | 4788.3 | 4641.1 | 4466.9 | 4271.1 | 4053.3 | 3815.5 |
| -32.5° | 5178.4 | 5099.6 | 5012.9 | 4906.6 | 4788.3 | 4654.2 | 4496.6 | 4321.0 | 4121.1 | 3900.7 | 3660.9 |
| -35° | 5045.1 | 4963.1 | 4870.2 | 4761.3 | 4641.1 | 4496.6 | 4337.7 | 4153.7 | 3952.5 | 3735.4 | 3494.3 |
| -37.5° | 4890.0 | 4806.6 | 4707.9 | 4598.1 | 4466.9 | 4321.0 | 4153.7 | 3969.9 | 3773.0 | 3549.4 | 3306.6 |
| -40° | 4713.7 | 4629.5 | 4523.4 | 4408.2 | 4271.1 | 4121.1 | 3952.5 | 3773.0 | 3567.8 | 3346.7 | 3104.9 |
| -42.5° | 4511.9 | 4421.1 | 4313.0 | 4189.0 | 4053.3 | 3900.7 | 3735.4 | 3549.4 | 3346.7 | 3124.6 | 2874.3 |
| -45° | 4280.2 | 4183.1 | 4075.1 | 3949.8 | 3815.5 | 3660.9 | 3494.3 | 3306.6 | 3104.9 | 2874.3 | 2629.9 |
| -47.5° | 4019.7 | 3922.0 | 3814.8 | 3689.3 | 3550.9 | 3399.6 | 3227.1 | 3044.2 | 2830.5 | 2607.3 | 2366.8 |
| -50° | 3736.2 | 3636.4 | 3526.5 | 3403.6 | 3261.3 | 3109.5 | 2934.5 | 2743.5 | 2539.8 | 2322.3 | 2099.3 |
| -52.5° | 3423.7 | 3321.8 | 3209.5 | 3087.3 | 2942.1 | 2783.2 | 2614.1 | 2428.4 | 2233.9 | 2035.5 | 1831.2 |
| -55° | 3077.0 | 2973.6 | 2857.0 | 2729.9 | 2591.1 | 2437.7 | 2274.8 | 2105.2 | 1930.2 | 1747.5 | 1583.6 |
| -57.5° | 2685.7 | 2587.1 | 2475.5 | 2353.6 | 2222.0 | 2083.9 | 1938.5 | 1784.9 | 1640.3 | 1495.0 | 1349.5 |
| -60° | 2274.8 | 2182.7 | 2083.9 | 1976.1 | 1859.5 | 1735.8 | 1621.2 | 1500.0 | 1372.5 | 1268.5 | 1160.9 |
| -62.5° | 1869.3 | 1788.5 | 1705.4 | 1621.2 | 1530.1 | 1432.3 | 1337.4 | 1252.0 | 1162.1 | 1069.8 | 987.8 |
| -65° | 1504.3 | 1441.7 | 1372.5 | 1313.1 | 1249.6 | 1181.4 | 1108.6 | 1039.4 | 971.6 | 900.5 | 828.5 |
| -67.5° | 1204.0 | 1160.9 | 1113.2 | 1063.9 | 1016.6 | 965.8 | 911.5 | 854.0 | 802.4 | 752.0 | 699.3 |
| -70° | 957.8 | 926.2 | 891.1 | 852.6 | 816.4 | 780.9 | 742.9 | 702.7 | 660.2 | 622.7 | 587.2 |
| -72.5° | 753.9 | 732.2 | 708.1 | 681.7 | 653.0 | 627.7 | 602.6 | 575.9 | 547.7 | 518.1 | 488.6 |
| -75° | 591.9 | 577.8 | 562.2 | 545.1 | 526.5 | 506.4 | 486.8 | 466.6 | 445.4 | 423.0 | 399.6 |
| -77.5° | 460.8 | 450.5 | 439.1 | 426.5 | 412.9 | 398.2 | 382.5 | 365.5 | 347.1 | 327.6 | 307.2 |
| -80° | 338.9 | 330.3 | 320.7 | 310.3 | 298.9 | 286.7 | 273.6 | 259.6 | 244.9 | 230.0 | 215.2 |
| -82.5° | 214.9 | 209.0 | 202.6 | 195.4 | 187.7 | 179.4 | 170.5 | 161.0 | 150.9 | 140.4 | 129.3 |
| -85° | 104.7 | 102.0 | 99.0 | 95.8 | 92.3 | 88.5 | 84.4 | 80.1 | 75.5 | 70.6 | 65.6 |
| -87.5° | 29.0 | 28.5 | 28.0 | 27.4 | 26.8 | 26.1 | 25.3 | 24.5 | 23.7 | 22.8 | 21.8 |
| -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: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 20.9 | 19.9 | 18.8 | 17.7 | 16.6 | 15.4 | 14.3 | 13.1 | 11.8 | 10.6 | 9.3 |
| 85° | 60.3 | 54.8 | 49.1 | 43.2 | 37.1 | 30.9 | 28.5 | 26.1 | 23.6 | 21.1 | 18.6 |
| 82.5° | 117.7 | 108.5 | 99.9 | 91.1 | 82.0 | 72.6 | 63.0 | 53.1 | 43.1 | 32.9 | 27.8 |
| 80° | 199.8 | 183.7 | 167.1 | 149.8 | 132.1 | 114.2 | 101.3 | 88.2 | 74.9 | 61.3 | 47.5 |
| 77.5° | 286.0 | 263.8 | 240.9 | 219.1 | 196.9 | 174.1 | 150.8 | 126.9 | 106.4 | 89.5 | 72.2 |
| 75° | 375.2 | 348.8 | 321.3 | 292.9 | 263.7 | 233.9 | 206.0 | 177.4 | 148.3 | 118.6 | 96.8 |
| 72.5° | 460.1 | 430.4 | 399.8 | 367.9 | 333.8 | 298.8 | 263.0 | 227.4 | 193.5 | 159.0 | 124.0 |
| 70° | 550.2 | 511.7 | 475.3 | 439.1 | 401.9 | 363.3 | 322.5 | 280.7 | 238.2 | 198.8 | 159.0 |
| 67.5° | 644.7 | 601.4 | 556.7 | 510.6 | 467.5 | 424.6 | 380.7 | 334.3 | 286.7 | 238.2 | 193.5 |
| 65° | 767.4 | 704.1 | 640.4 | 589.1 | 536.5 | 484.6 | 436.0 | 386.4 | 334.3 | 280.7 | 227.4 |
| 62.5° | 902.6 | 819.2 | 747.2 | 673.1 | 608.7 | 549.5 | 490.4 | 436.0 | 380.7 | 322.5 | 263.0 |
| 60° | 1054.2 | 957.8 | 858.5 | 773.2 | 690.4 | 615.3 | 549.5 | 484.6 | 424.6 | 363.3 | 298.8 |
| 57.5° | 1228.2 | 1102.8 | 991.2 | 880.6 | 781.9 | 690.4 | 608.7 | 536.5 | 467.5 | 401.9 | 333.8 |
| 55° | 1414.2 | 1268.9 | 1129.8 | 1002.4 | 880.6 | 773.2 | 673.1 | 589.1 | 510.6 | 439.1 | 367.9 |
| 52.5° | 1637.2 | 1449.7 | 1282.5 | 1129.8 | 991.2 | 858.5 | 747.2 | 640.4 | 556.7 | 475.3 | 399.8 |
| 50° | 1873.3 | 1655.2 | 1449.7 | 1268.9 | 1102.8 | 957.8 | 819.2 | 704.1 | 601.4 | 511.7 | 430.4 |
| 47.5° | 2120.6 | 1873.3 | 1637.2 | 1414.2 | 1228.2 | 1054.2 | 902.6 | 767.4 | 644.7 | 550.2 | 460.1 |
| 45° | 2366.8 | 2099.3 | 1831.2 | 1583.6 | 1349.5 | 1160.9 | 987.8 | 828.5 | 699.3 | 587.2 | 488.6 |
| 42.5° | 2607.3 | 2322.3 | 2035.5 | 1747.5 | 1495.0 | 1268.5 | 1069.8 | 900.5 | 752.0 | 622.7 | 518.1 |
| 40° | 2830.5 | 2539.8 | 2233.9 | 1930.2 | 1640.3 | 1372.5 | 1162.1 | 971.6 | 802.4 | 660.2 | 547.7 |
| 37.5° | 3044.2 | 2743.5 | 2428.4 | 2105.2 | 1784.9 | 1500.0 | 1252.0 | 1039.4 | 854.0 | 702.7 | 575.9 |
| 35° | 3227.1 | 2934.5 | 2614.1 | 2274.8 | 1938.5 | 1621.2 | 1337.4 | 1108.6 | 911.5 | 742.9 | 602.6 |
| 32.5° | 3399.6 | 3109.5 | 2783.2 | 2437.7 | 2083.9 | 1735.8 | 1432.3 | 1181.4 | 965.8 | 780.9 | 627.7 |
| 30° | 3550.9 | 3261.3 | 2942.1 | 2591.1 | 2222.0 | 1859.5 | 1530.1 | 1249.6 | 1016.6 | 816.4 | 653.0 |
| 27.5° | 3689.3 | 3403.6 | 3087.3 | 2729.9 | 2353.6 | 1976.1 | 1621.2 | 1313.1 | 1063.9 | 852.6 | 681.7 |
| 25° | 3814.8 | 3526.5 | 3209.5 | 2857.0 | 2475.5 | 2083.9 | 1705.4 | 1372.5 | 1113.2 | 891.1 | 708.1 |
| 22.5° | 3922.0 | 3636.4 | 3321.8 | 2973.6 | 2587.1 | 2182.7 | 1788.5 | 1441.7 | 1160.9 | 926.2 | 732.2 |
| 20° | 4019.7 | 3736.2 | 3423.7 | 3077.0 | 2685.7 | 2274.8 | 1869.3 | 1504.3 | 1204.0 | 957.8 | 753.9 |
| 17.5° | 4106.1 | 3821.5 | 3507.4 | 3160.5 | 2771.9 | 2356.7 | 1941.3 | 1559.9 | 1242.3 | 986.0 | 773.2 |
| 15° | 4176.9 | 3892.3 | 3579.4 | 3233.6 | 2847.3 | 2428.4 | 2004.1 | 1608.4 | 1275.7 | 1010.5 | 790.1 |
| 12.5° | 4237.6 | 3952.9 | 3641.0 | 3296.1 | 2911.6 | 2489.5 | 2057.6 | 1649.8 | 1304.1 | 1031.3 | 804.4 |
| 10° | 4287.8 | 4002.9 | 3691.8 | 3347.5 | 2964.6 | 2539.8 | 2101.7 | 1683.8 | 1327.5 | 1048.5 | 816.1 |
| 7.5° | 4327.1 | 4042.2 | 3731.6 | 3387.8 | 3006.0 | 2579.1 | 2136.1 | 1710.3 | 1345.7 | 1061.8 | 825.3 |
| 5° | 4355.4 | 4070.4 | 3760.2 | 3416.7 | 3035.7 | 2607.3 | 2160.7 | 1729.3 | 1358.8 | 1071.4 | 831.8 |
| 2.5° | 4372.5 | 4087.3 | 3777.4 | 3434.1 | 3053.6 | 2624.2 | 2175.6 | 1740.8 | 1366.7 | 1077.2 | 835.8 |
| 0° | 4378.2 | 4093.0 | 3783.1 | 3439.9 | 3059.6 | 2629.9 | 2180.5 | 1744.6 | 1369.3 | 1079.1 | 837.1 |
| -2.5° | 4372.5 | 4087.3 | 3777.4 | 3434.1 | 3053.6 | 2624.2 | 2175.6 | 1740.8 | 1366.7 | 1077.2 | 835.8 |
| -5° | 4355.4 | 4070.4 | 3760.2 | 3416.7 | 3035.7 | 2607.3 | 2160.7 | 1729.3 | 1358.8 | 1071.4 | 831.8 |
| -7.5° | 4327.1 | 4042.2 | 3731.6 | 3387.8 | 3006.0 | 2579.1 | 2136.1 | 1710.3 | 1345.7 | 1061.8 | 825.3 |
| -10° | 4287.8 | 4002.9 | 3691.8 | 3347.5 | 2964.6 | 2539.8 | 2101.7 | 1683.8 | 1327.5 | 1048.5 | 816.1 |
| -12.5° | 4237.6 | 3952.9 | 3641.0 | 3296.1 | 2911.6 | 2489.5 | 2057.6 | 1649.8 | 1304.1 | 1031.3 | 804.4 |
| -15° | 4176.9 | 3892.3 | 3579.4 | 3233.6 | 2847.3 | 2428.4 | 2004.1 | 1608.4 | 1275.7 | 1010.5 | 790.1 |
| -17.5° | 4106.1 | 3821.5 | 3507.4 | 3160.5 | 2771.9 | 2356.7 | 1941.3 | 1559.9 | 1242.3 | 986.0 | 773.2 |
| -20° | 4019.7 | 3736.2 | 3423.7 | 3077.0 | 2685.7 | 2274.8 | 1869.3 | 1504.3 | 1204.0 | 957.8 | 753.9 |

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

Scaled Data Report



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| -22.5° | 3922.0 | 3636.4 | 3321.8 | 2973.6 | 2587.1 | 2182.7 | 1788.5 | 1441.7 | 1160.9 | 926.2 | 732.2 |
| -25° | 3814.8 | 3526.5 | 3209.5 | 2857.0 | 2475.5 | 2083.9 | 1705.4 | 1372.5 | 1113.2 | 891.1 | 708.1 |
| -27.5° | 3689.3 | 3403.6 | 3087.3 | 2729.9 | 2353.6 | 1976.1 | 1621.2 | 1313.1 | 1063.9 | 852.6 | 681.7 |
| -30° | 3550.9 | 3261.3 | 2942.1 | 2591.1 | 2222.0 | 1859.5 | 1530.1 | 1249.6 | 1016.6 | 816.4 | 653.0 |
| -32.5° | 3399.6 | 3109.5 | 2783.2 | 2437.7 | 2083.9 | 1735.8 | 1432.3 | 1181.4 | 965.8 | 780.9 | 627.7 |
| -35° | 3227.1 | 2934.5 | 2614.1 | 2274.8 | 1938.5 | 1621.2 | 1337.4 | 1108.6 | 911.5 | 742.9 | 602.6 |
| -37.5° | 3044.2 | 2743.5 | 2428.4 | 2105.2 | 1784.9 | 1500.0 | 1252.0 | 1039.4 | 854.0 | 702.7 | 575.9 |
| -40° | 2830.5 | 2539.8 | 2233.9 | 1930.2 | 1640.3 | 1372.5 | 1162.1 | 971.6 | 802.4 | 660.2 | 547.7 |
| -42.5° | 2607.3 | 2322.3 | 2035.5 | 1747.5 | 1495.0 | 1268.5 | 1069.8 | 900.5 | 752.0 | 622.7 | 518.1 |
| -45° | 2366.8 | 2099.3 | 1831.2 | 1583.6 | 1349.5 | 1160.9 | 987.8 | 828.5 | 699.3 | 587.2 | 488.6 |
| -47.5° | 2120.6 | 1873.3 | 1637.2 | 1414.2 | 1228.2 | 1054.2 | 902.6 | 767.4 | 644.7 | 550.2 | 460.1 |
| -50° | 1873.3 | 1655.2 | 1449.7 | 1268.9 | 1102.8 | 957.8 | 819.2 | 704.1 | 601.4 | 511.7 | 430.4 |
| -52.5° | 1637.2 | 1449.7 | 1282.5 | 1129.8 | 991.2 | 858.5 | 747.2 | 640.4 | 556.7 | 475.3 | 399.8 |
| -55° | 1414.2 | 1268.9 | 1129.8 | 1002.4 | 880.6 | 773.2 | 673.1 | 589.1 | 510.6 | 439.1 | 367.9 |
| -57.5° | 1228.2 | 1102.8 | 991.2 | 880.6 | 781.9 | 690.4 | 608.7 | 536.5 | 467.5 | 401.9 | 333.8 |
| -60° | 1054.2 | 957.8 | 858.5 | 773.2 | 690.4 | 615.3 | 549.5 | 484.6 | 424.6 | 363.3 | 298.8 |
| -62.5° | 902.6 | 819.2 | 747.2 | 673.1 | 608.7 | 549.5 | 490.4 | 436.0 | 380.7 | 322.5 | 263.0 |
| -65° | 767.4 | 704.1 | 640.4 | 589.1 | 536.5 | 484.6 | 436.0 | 386.4 | 334.3 | 280.7 | 227.4 |
| -67.5° | 644.7 | 601.4 | 556.7 | 510.6 | 467.5 | 424.6 | 380.7 | 334.3 | 286.7 | 238.2 | 193.5 |
| -70° | 550.2 | 511.7 | 475.3 | 439.1 | 401.9 | 363.3 | 322.5 | 280.7 | 238.2 | 198.8 | 159.0 |
| -72.5° | 460.1 | 430.4 | 399.8 | 367.9 | 333.8 | 298.8 | 263.0 | 227.4 | 193.5 | 159.0 | 124.0 |
| -75° | 375.2 | 348.8 | 321.3 | 292.9 | 263.7 | 233.9 | 206.0 | 177.4 | 148.3 | 118.6 | 96.8 |
| -77.5° | 286.0 | 263.8 | 240.9 | 219.1 | 196.9 | 174.1 | 150.8 | 126.9 | 106.4 | 89.5 | 72.2 |
| -80° | 199.8 | 183.7 | 167.1 | 149.8 | 132.1 | 114.2 | 101.3 | 88.2 | 74.9 | 61.3 | 47.5 |
| -82.5° | 117.7 | 108.5 | 99.9 | 91.1 | 82.0 | 72.6 | 63.0 | 53.1 | 43.1 | 32.9 | 27.8 |
| -85° | 60.3 | 54.8 | 49.1 | 43.2 | 37.1 | 30.9 | 28.5 | 26.1 | 23.6 | 21.1 | 18.6 |
| -87.5° | 20.9 | 19.9 | 18.8 | 17.7 | 16.6 | 15.4 | 14.3 | 13.1 | 11.8 | 10.6 | 9.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 8.0 | 6.7 | 5.4 | 4.0 | 2.7 | 1.3 | 0.0 |
| 85° | 16.0 | 13.4 | 10.7 | 8.1 | 5.4 | 2.7 | 0.0 |
| 82.5° | 23.9 | 20.0 | 16.1 | 12.1 | 8.1 | 4.0 | 0.0 |
| 80° | 33.4 | 26.6 | 21.4 | 16.1 | 10.7 | 5.4 | 0.0 |
| 77.5° | 54.8 | 37.1 | 26.6 | 20.0 | 13.4 | 6.7 | 0.0 |
| 75° | 75.9 | 54.8 | 33.4 | 23.9 | 16.0 | 8.0 | 0.0 |
| 72.5° | 96.8 | 72.2 | 47.5 | 27.8 | 18.6 | 9.3 | 0.0 |
| 70° | 118.6 | 89.5 | 61.3 | 32.9 | 21.1 | 10.6 | 0.0 |
| 67.5° | 148.3 | 106.4 | 74.9 | 43.1 | 23.6 | 11.8 | 0.0 |
| 65° | 177.4 | 126.9 | 88.2 | 53.1 | 26.1 | 13.1 | 0.0 |
| 62.5° | 206.0 | 150.8 | 101.3 | 63.0 | 28.5 | 14.3 | 0.0 |
| 60° | 233.9 | 174.1 | 114.2 | 72.6 | 30.9 | 15.4 | 0.0 |
| 57.5° | 263.7 | 196.9 | 132.1 | 82.0 | 37.1 | 16.6 | 0.0 |
| 55° | 292.9 | 219.1 | 149.8 | 91.1 | 43.2 | 17.7 | 0.0 |
| 52.5° | 321.3 | 240.9 | 167.1 | 99.9 | 49.1 | 18.8 | 0.0 |
| 50° | 348.8 | 263.8 | 183.7 | 108.5 | 54.8 | 19.9 | 0.0 |
| 47.5° | 375.2 | 286.0 | 199.8 | 117.7 | 60.3 | 20.9 | 0.0 |
| 45° | 399.6 | 307.2 | 215.2 | 129.3 | 65.6 | 21.8 | 0.0 |
| 42.5° | 423.0 | 327.6 | 230.0 | 140.4 | 70.6 | 22.8 | 0.0 |
| 40° | 445.4 | 347.1 | 244.9 | 150.9 | 75.5 | 23.7 | 0.0 |
| 37.5° | 466.6 | 365.5 | 259.6 | 161.0 | 80.1 | 24.5 | 0.0 |
| 35° | 486.8 | 382.5 | 273.6 | 170.5 | 84.4 | 25.3 | 0.0 |
| 32.5° | 506.4 | 398.2 | 286.7 | 179.4 | 88.5 | 26.1 | 0.0 |
| 30° | 526.5 | 412.9 | 298.9 | 187.7 | 92.3 | 26.8 | 0.0 |
| 27.5° | 545.1 | 426.5 | 310.3 | 195.4 | 95.8 | 27.4 | 0.0 |
| 25° | 562.2 | 439.1 | 320.7 | 202.6 | 99.0 | 28.0 | 0.0 |
| 22.5° | 577.8 | 450.5 | 330.3 | 209.0 | 102.0 | 28.5 | 0.0 |
| 20° | 591.9 | 460.8 | 338.9 | 214.9 | 104.7 | 29.0 | 0.0 |
| 17.5° | 604.4 | 469.9 | 346.5 | 220.0 | 107.0 | 29.5 | 0.0 |
| 15° | 615.3 | 477.9 | 353.1 | 224.5 | 109.1 | 29.8 | 0.0 |
| 12.5° | 624.5 | 484.6 | 358.7 | 228.4 | 110.8 | 30.2 | 0.0 |
| 10° | 632.1 | 490.2 | 363.3 | 231.5 | 112.2 | 30.4 | 0.0 |
| 7.5° | 638.1 | 494.5 | 367.0 | 233.9 | 113.4 | 30.6 | 0.0 |
| 5° | 642.3 | 497.6 | 369.5 | 235.7 | 114.2 | 30.8 | 0.0 |
| 2.5° | 644.8 | 499.5 | 371.1 | 236.7 | 114.6 | 30.9 | 0.0 |
| 0° | 645.7 | 500.1 | 371.6 | 237.1 | 114.8 | 30.9 | 0.0 |
| -2.5° | 644.8 | 499.5 | 371.1 | 236.7 | 114.6 | 30.9 | 0.0 |
| -5° | 642.3 | 497.6 | 369.5 | 235.7 | 114.2 | 30.8 | 0.0 |
| -7.5° | 638.1 | 494.5 | 367.0 | 233.9 | 113.4 | 30.6 | 0.0 |
| -10° | 632.1 | 490.2 | 363.3 | 231.5 | 112.2 | 30.4 | 0.0 |
| -12.5° | 624.5 | 484.6 | 358.7 | 228.4 | 110.8 | 30.2 | 0.0 |
| -15° | 615.3 | 477.9 | 353.1 | 224.5 | 109.1 | 29.8 | 0.0 |
| -17.5° | 604.4 | 469.9 | 346.5 | 220.0 | 107.0 | 29.5 | 0.0 |
| -20° | 591.9 | 460.8 | 338.9 | 214.9 | 104.7 | 29.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645422 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-----|
| -22.5° | 577.8 | 450.5 | 330.3 | 209.0 | 102.0 | 28.5 | 0.0 |
| -25° | 562.2 | 439.1 | 320.7 | 202.6 | 99.0 | 28.0 | 0.0 |
| -27.5° | 545.1 | 426.5 | 310.3 | 195.4 | 95.8 | 27.4 | 0.0 |
| -30° | 526.5 | 412.9 | 298.9 | 187.7 | 92.3 | 26.8 | 0.0 |
| -32.5° | 506.4 | 398.2 | 286.7 | 179.4 | 88.5 | 26.1 | 0.0 |
| -35° | 486.8 | 382.5 | 273.6 | 170.5 | 84.4 | 25.3 | 0.0 |
| -37.5° | 466.6 | 365.5 | 259.6 | 161.0 | 80.1 | 24.5 | 0.0 |
| -40° | 445.4 | 347.1 | 244.9 | 150.9 | 75.5 | 23.7 | 0.0 |
| -42.5° | 423.0 | 327.6 | 230.0 | 140.4 | 70.6 | 22.8 | 0.0 |
| -45° | 399.6 | 307.2 | 215.2 | 129.3 | 65.6 | 21.8 | 0.0 |
| -47.5° | 375.2 | 286.0 | 199.8 | 117.7 | 60.3 | 20.9 | 0.0 |
| -50° | 348.8 | 263.8 | 183.7 | 108.5 | 54.8 | 19.9 | 0.0 |
| -52.5° | 321.3 | 240.9 | 167.1 | 99.9 | 49.1 | 18.8 | 0.0 |
| -55° | 292.9 | 219.1 | 149.8 | 91.1 | 43.2 | 17.7 | 0.0 |
| -57.5° | 263.7 | 196.9 | 132.1 | 82.0 | 37.1 | 16.6 | 0.0 |
| -60° | 233.9 | 174.1 | 114.2 | 72.6 | 30.9 | 15.4 | 0.0 |
| -62.5° | 206.0 | 150.8 | 101.3 | 63.0 | 28.5 | 14.3 | 0.0 |
| -65° | 177.4 | 126.9 | 88.2 | 53.1 | 26.1 | 13.1 | 0.0 |
| -67.5° | 148.3 | 106.4 | 74.9 | 43.1 | 23.6 | 11.8 | 0.0 |
| -70° | 118.6 | 89.5 | 61.3 | 32.9 | 21.1 | 10.6 | 0.0 |
| -72.5° | 96.8 | 72.2 | 47.5 | 27.8 | 18.6 | 9.3 | 0.0 |
| -75° | 75.9 | 54.8 | 33.4 | 23.9 | 16.0 | 8.0 | 0.0 |
| -77.5° | 54.8 | 37.1 | 26.6 | 20.0 | 13.4 | 6.7 | 0.0 |
| -80° | 33.4 | 26.6 | 21.4 | 16.1 | 10.7 | 5.4 | 0.0 |
| -82.5° | 23.9 | 20.0 | 16.1 | 12.1 | 8.1 | 4.0 | 0.0 |
| -85° | 16.0 | 13.4 | 10.7 | 8.1 | 5.4 | 2.7 | 0.0 |
| -87.5° | 8.0 | 6.7 | 5.4 | 4.0 | 2.7 | 1.3 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)