

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1D-935-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

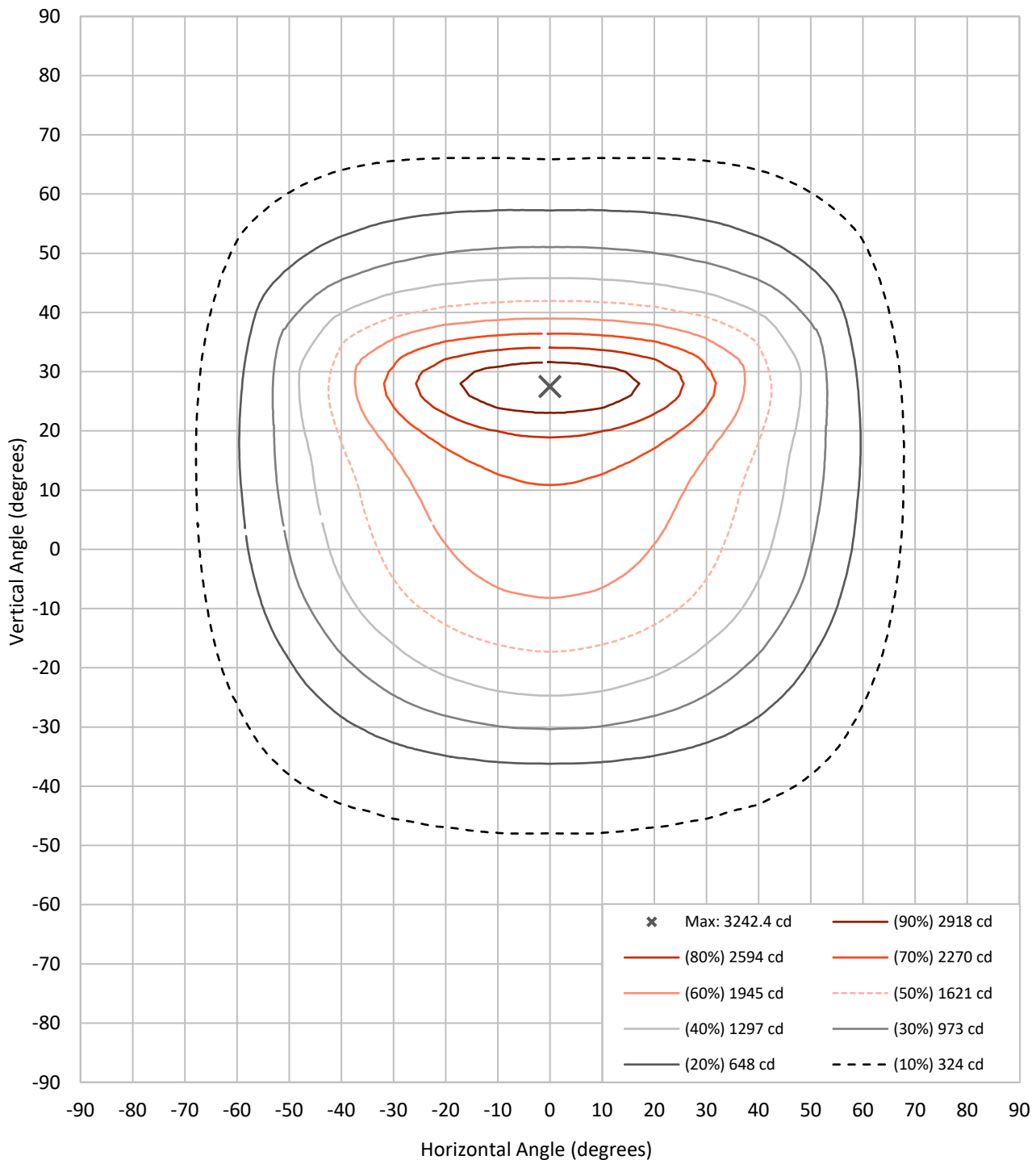
Summary

| | | | |
|-----------------------------------|--|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 6V |
| Luminaire Lumens: | 4726.9 lumens | Max Intensity: | 3242.4 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 27.5°V |
| Efficacy: | 85.9 lumens/watt | | |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 85°H x 59.2°V | Field Angle (10%): | 134.5°H x 113.8°V |
| Beam Lumens: | 2456.6 lumens | Field Lumens: | 4372.8 lumens |
| Beam Efficiency: | 52.0% | Field Efficiency: | 92.5% |
| Input Watts (W): | 55 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |



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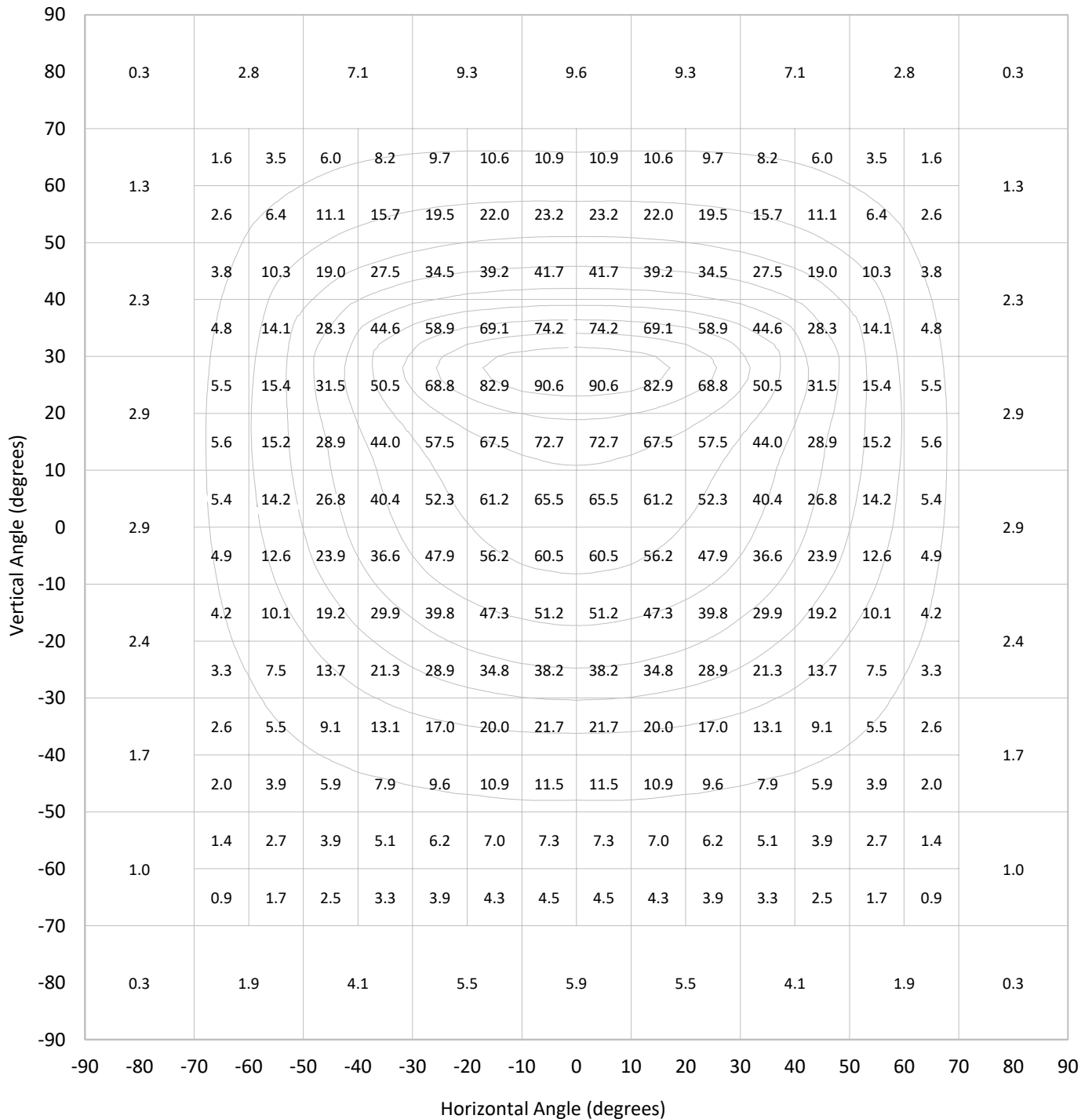
Iso-Candela Plot





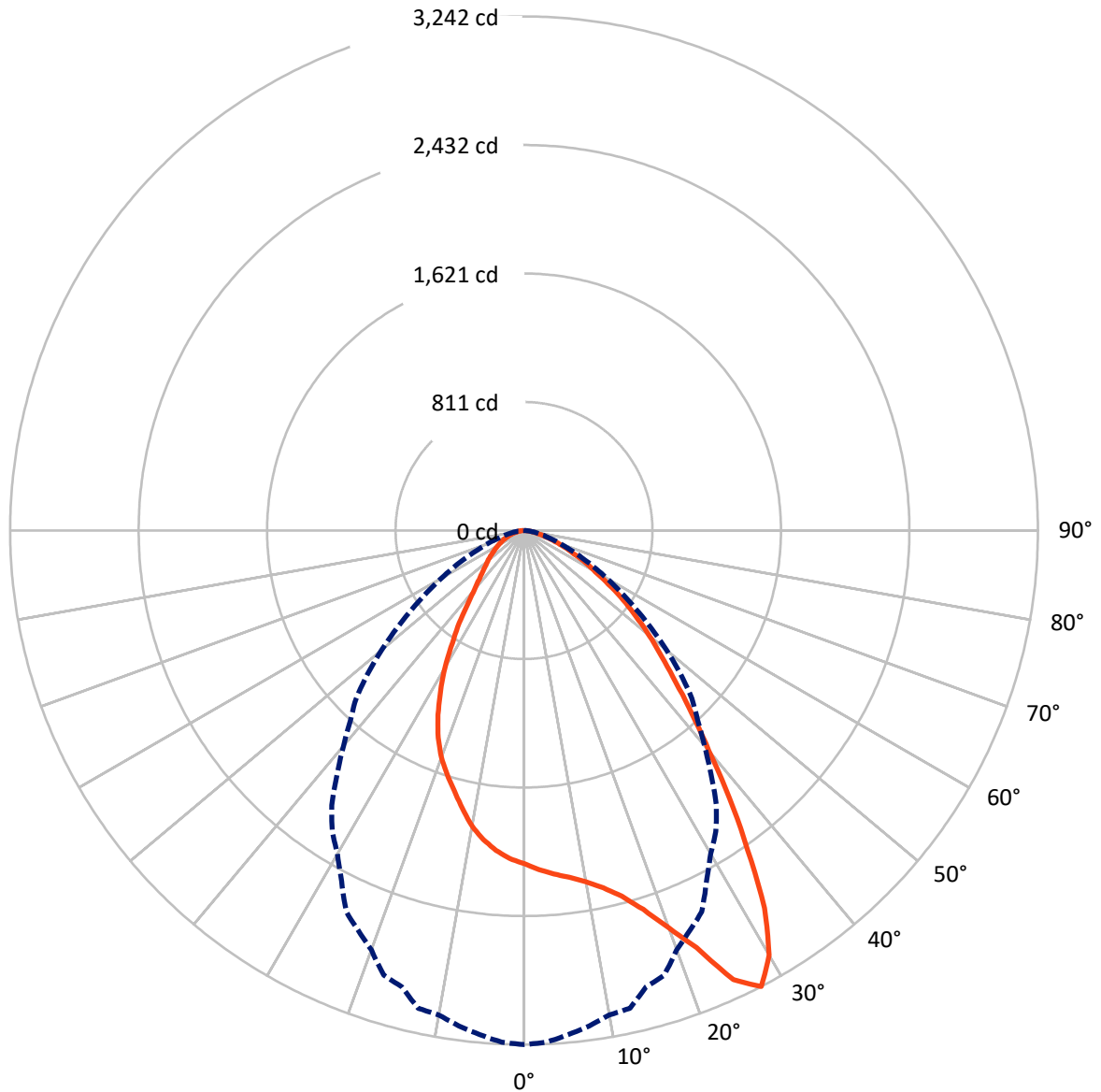
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 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

Lumen Table



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

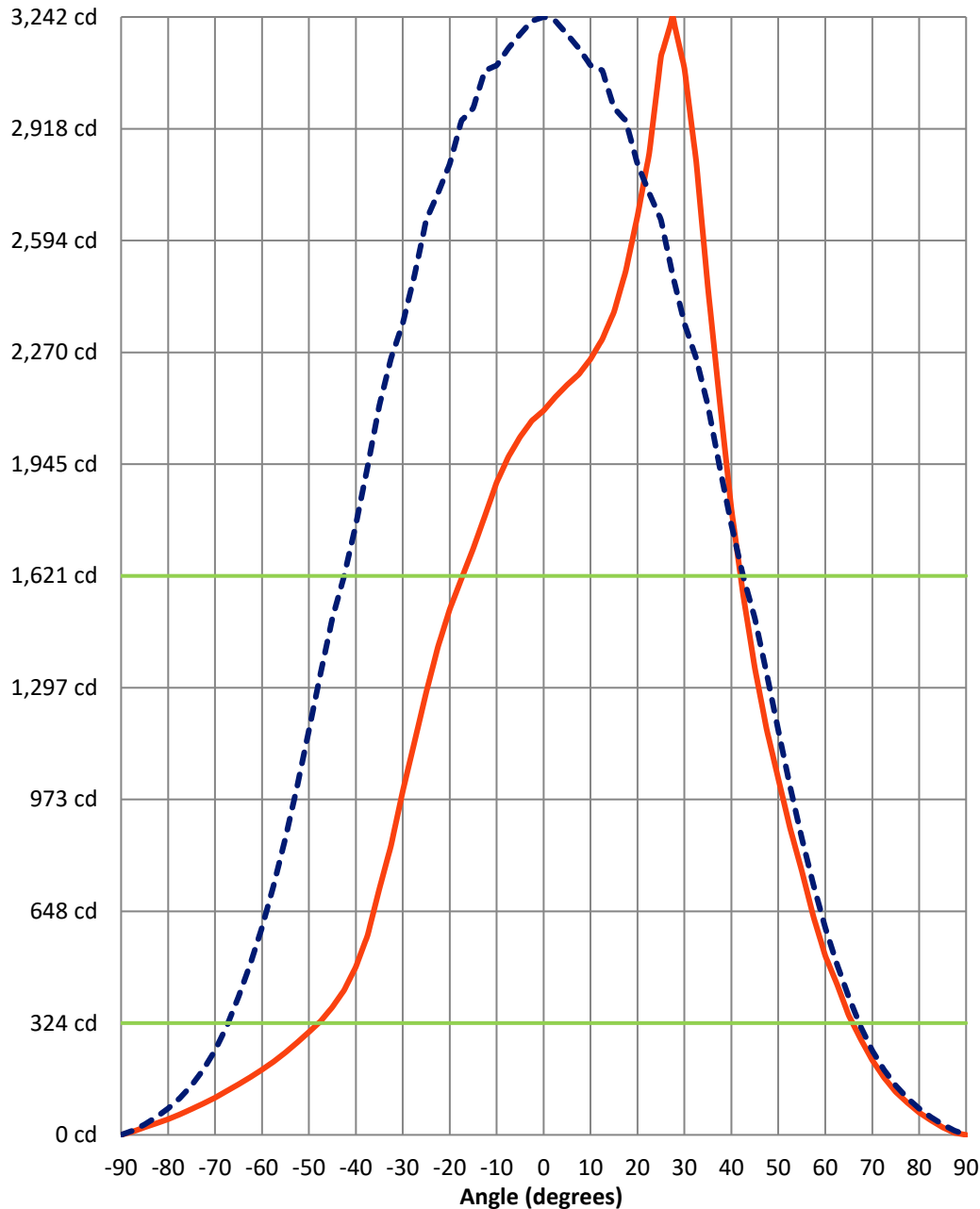
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 2456.6
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 4372.8
 Efficiency: 92.5%

Spill:
 Lumens: 354.1
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-Deg



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
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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 | 0.6 | 1.3 | 1.9 | 2.5 | 3.1 | 3.6 | 4.2 | 4.7 | 5.2 | 5.7 |
| 85° | 0.0 | 1.2 | 2.5 | 3.7 | 4.9 | 6.1 | 7.2 | 8.3 | 9.4 | 10.4 | 11.4 |
| 82.5° | 0.0 | 1.9 | 3.8 | 5.6 | 7.4 | 9.2 | 10.8 | 12.5 | 14.4 | 17.5 | 20.8 |
| 80° | 0.0 | 2.5 | 5.0 | 7.5 | 9.9 | 12.2 | 14.7 | 18.8 | 23.1 | 27.6 | 32.2 |
| 77.5° | 0.0 | 3.1 | 6.3 | 9.3 | 12.3 | 15.9 | 20.9 | 26.2 | 31.8 | 37.5 | 44.2 |
| 75° | 0.0 | 3.7 | 7.5 | 11.1 | 15.0 | 20.8 | 27.0 | 33.5 | 40.5 | 49.4 | 58.5 |
| 72.5° | 0.0 | 4.3 | 8.7 | 12.9 | 18.7 | 25.6 | 33.0 | 41.3 | 51.4 | 61.8 | 72.5 |
| 70° | 0.0 | 4.9 | 9.9 | 14.9 | 22.4 | 30.4 | 39.1 | 50.5 | 62.1 | 74.1 | 88.1 |
| 67.5° | 0.0 | 5.4 | 11.1 | 17.5 | 26.0 | 35.1 | 46.6 | 59.5 | 72.6 | 88.2 | 103.8 |
| 65° | 0.0 | 6.0 | 12.2 | 20.1 | 29.6 | 40.2 | 53.9 | 68.3 | 84.8 | 101.9 | 120.1 |
| 62.5° | 0.0 | 6.6 | 13.3 | 22.6 | 33.0 | 45.9 | 60.9 | 78.1 | 96.6 | 115.9 | 138.1 |
| 60° | 0.0 | 7.1 | 14.4 | 25.1 | 36.3 | 51.3 | 67.7 | 88.1 | 108.2 | 131.2 | 155.5 |
| 57.5° | 0.0 | 7.6 | 16.0 | 27.4 | 40.3 | 56.6 | 75.3 | 97.7 | 120.7 | 146.0 | 175.4 |
| 55° | 0.0 | 8.1 | 17.5 | 29.7 | 44.2 | 61.6 | 82.8 | 106.7 | 133.2 | 161.0 | 195.7 |
| 52.5° | 0.0 | 8.6 | 18.9 | 31.9 | 48.0 | 66.5 | 89.8 | 116.2 | 145.0 | 177.8 | 214.8 |
| 50° | 0.0 | 9.1 | 20.3 | 34.0 | 51.5 | 71.9 | 96.5 | 125.3 | 157.0 | 193.5 | 237.7 |
| 47.5° | 0.0 | 9.6 | 21.6 | 36.2 | 54.9 | 77.0 | 102.8 | 133.7 | 169.8 | 208.2 | 259.6 |
| 45° | 0.0 | 10.0 | 22.9 | 38.5 | 58.0 | 81.7 | 109.4 | 141.5 | 180.9 | 225.9 | 279.7 |
| 42.5° | 0.0 | 10.4 | 24.2 | 40.7 | 61.0 | 86.1 | 115.5 | 149.7 | 191.2 | 242.2 | 302.3 |
| 40° | 0.0 | 10.8 | 25.3 | 42.9 | 64.0 | 90.1 | 121.0 | 157.9 | 201.5 | 256.9 | 323.6 |
| 37.5° | 0.0 | 11.2 | 26.4 | 44.9 | 67.0 | 93.8 | 126.0 | 165.3 | 212.6 | 270.4 | 342.5 |
| 35° | 0.0 | 11.6 | 27.5 | 46.7 | 69.7 | 97.5 | 130.5 | 172.0 | 222.4 | 284.6 | 360.4 |
| 32.5° | 0.0 | 11.9 | 28.5 | 48.5 | 72.2 | 100.9 | 134.7 | 177.9 | 230.9 | 296.9 | 376.4 |
| 30° | 0.0 | 12.2 | 29.4 | 50.1 | 74.4 | 103.9 | 139.3 | 183.3 | 238.0 | 307.0 | 389.6 |
| 27.5° | 0.0 | 12.5 | 30.2 | 51.6 | 76.5 | 106.5 | 143.3 | 189.0 | 244.7 | 315.1 | 400.1 |
| 25° | 0.0 | 12.8 | 31.0 | 52.9 | 78.4 | 108.7 | 146.7 | 193.6 | 251.1 | 322.6 | 408.0 |
| 22.5° | 0.0 | 13.0 | 31.6 | 54.1 | 80.0 | 110.6 | 149.4 | 197.3 | 256.0 | 328.6 | 414.7 |
| 20° | 0.0 | 13.2 | 32.3 | 55.1 | 81.3 | 112.5 | 151.5 | 199.9 | 259.3 | 332.5 | 419.1 |
| 17.5° | 0.0 | 13.4 | 32.8 | 56.0 | 82.4 | 114.0 | 153.5 | 201.5 | 261.1 | 334.4 | 421.1 |
| 15° | 0.0 | 13.6 | 33.3 | 56.8 | 83.2 | 115.2 | 155.0 | 202.6 | 261.5 | 334.2 | 420.8 |
| 12.5° | 0.0 | 13.7 | 33.6 | 57.4 | 83.8 | 116.1 | 155.9 | 203.5 | 261.5 | 332.2 | 418.3 |
| 10° | 0.0 | 13.8 | 34.0 | 57.9 | 84.1 | 116.7 | 156.3 | 203.5 | 261.0 | 331.2 | 414.5 |
| 7.5° | 0.0 | 13.9 | 34.2 | 58.2 | 84.2 | 116.9 | 156.1 | 202.8 | 259.5 | 329.1 | 410.3 |
| 5° | 0.0 | 14.0 | 34.3 | 58.4 | 84.1 | 116.8 | 155.4 | 201.4 | 256.9 | 325.6 | 404.0 |
| 2.5° | 0.0 | 14.0 | 34.4 | 58.5 | 83.8 | 116.4 | 154.3 | 199.3 | 253.4 | 320.8 | 395.8 |
| 0° | 0.0 | 14.0 | 34.4 | 58.4 | 83.3 | 115.7 | 152.6 | 196.5 | 248.9 | 314.7 | 386.0 |
| -2.5° | 0.0 | 14.0 | 34.3 | 58.1 | 82.9 | 114.6 | 150.8 | 193.6 | 244.5 | 307.9 | 376.1 |
| -5° | 0.0 | 14.0 | 34.2 | 57.7 | 82.3 | 113.2 | 148.7 | 190.2 | 239.3 | 300.1 | 364.9 |
| -7.5° | 0.0 | 14.0 | 33.9 | 57.2 | 81.5 | 111.5 | 146.1 | 186.2 | 233.4 | 291.3 | 352.6 |
| -10° | 0.0 | 13.9 | 33.6 | 56.5 | 80.6 | 109.6 | 143.2 | 181.7 | 226.9 | 281.6 | 339.4 |
| -12.5° | 0.0 | 13.8 | 33.2 | 55.8 | 79.4 | 107.5 | 139.9 | 176.8 | 219.7 | 271.2 | 326.4 |
| -15° | 0.0 | 13.7 | 32.8 | 54.8 | 78.1 | 105.1 | 136.3 | 171.5 | 212.4 | 261.0 | 313.1 |
| -17.5° | 0.0 | 13.6 | 32.3 | 53.8 | 76.6 | 102.5 | 132.3 | 166.2 | 205.1 | 250.3 | 299.1 |
| -20° | 0.0 | 13.4 | 31.7 | 52.7 | 74.9 | 99.7 | 128.2 | 160.8 | 197.4 | 239.1 | 284.6 |



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0 | 13.2 | 31.1 | 51.4 | 73.1 | 96.8 | 124.1 | 155.1 | 189.4 | 227.5 | 269.6 |
| -25° | 0.0 | 13.0 | 30.3 | 50.1 | 71.1 | 93.9 | 119.8 | 149.0 | 181.1 | 215.6 | 254.3 |
| -27.5° | 0.0 | 12.7 | 29.6 | 48.6 | 68.9 | 90.9 | 115.3 | 142.5 | 172.5 | 204.1 | 239.7 |
| -30° | 0.0 | 12.4 | 28.8 | 47.1 | 66.6 | 87.6 | 110.5 | 135.8 | 164.2 | 193.6 | 225.2 |
| -32.5° | 0.0 | 12.1 | 27.9 | 45.4 | 64.2 | 84.2 | 105.6 | 129.5 | 156.0 | 183.0 | 210.7 |
| -35° | 0.0 | 11.8 | 27.0 | 43.7 | 61.7 | 80.6 | 101.0 | 123.4 | 147.5 | 172.5 | 196.4 |
| -37.5° | 0.0 | 11.5 | 26.0 | 41.9 | 59.1 | 77.0 | 96.4 | 117.0 | 138.8 | 162.0 | 184.6 |
| -40° | 0.0 | 11.1 | 24.9 | 40.0 | 56.3 | 73.5 | 91.6 | 110.6 | 129.9 | 151.7 | 173.4 |
| -42.5° | 0.0 | 10.7 | 23.9 | 38.0 | 53.6 | 69.9 | 86.7 | 104.1 | 121.9 | 141.9 | 162.0 |
| -45° | 0.0 | 10.3 | 22.8 | 35.9 | 50.9 | 66.2 | 81.7 | 97.8 | 114.4 | 132.0 | 150.6 |
| -47.5° | 0.0 | 9.8 | 21.6 | 33.8 | 48.1 | 62.4 | 76.5 | 91.8 | 106.9 | 122.0 | 139.6 |
| -50° | 0.0 | 9.4 | 20.4 | 32.0 | 45.2 | 58.5 | 71.8 | 85.6 | 99.4 | 113.7 | 128.7 |
| -52.5° | 0.0 | 8.9 | 19.2 | 30.1 | 42.2 | 54.6 | 67.0 | 79.4 | 92.2 | 105.3 | 118.0 |
| -55° | 0.0 | 8.4 | 17.9 | 28.2 | 39.1 | 50.7 | 62.2 | 73.1 | 85.0 | 96.6 | 108.5 |
| -57.5° | 0.0 | 7.9 | 16.6 | 26.2 | 35.9 | 46.8 | 57.4 | 67.5 | 77.7 | 88.4 | 98.9 |
| -60° | 0.0 | 7.3 | 15.3 | 24.2 | 32.7 | 42.8 | 52.4 | 61.9 | 70.5 | 80.2 | 89.4 |
| -62.5° | 0.0 | 6.8 | 14.1 | 22.2 | 30.0 | 38.7 | 47.6 | 56.1 | 64.1 | 71.9 | 80.3 |
| -65° | 0.0 | 6.2 | 13.0 | 20.1 | 27.3 | 34.5 | 42.7 | 50.4 | 57.6 | 64.4 | 71.2 |
| -67.5° | 0.0 | 5.6 | 11.8 | 18.0 | 24.4 | 30.7 | 37.7 | 44.7 | 51.0 | 57.1 | 62.9 |
| -70° | 0.0 | 5.0 | 10.5 | 15.8 | 21.6 | 27.2 | 32.7 | 38.9 | 44.6 | 49.7 | 54.9 |
| -72.5° | 0.0 | 4.4 | 9.3 | 13.8 | 18.7 | 23.6 | 28.4 | 33.1 | 38.2 | 42.8 | 46.9 |
| -75° | 0.0 | 3.8 | 8.0 | 11.9 | 15.8 | 20.0 | 24.1 | 28.0 | 31.8 | 35.9 | 39.6 |
| -77.5° | 0.0 | 3.2 | 6.7 | 10.0 | 13.1 | 16.4 | 19.8 | 23.2 | 26.3 | 29.3 | 32.2 |
| -80° | 0.0 | 2.6 | 5.4 | 8.0 | 10.5 | 13.0 | 15.5 | 18.3 | 20.9 | 23.3 | 25.6 |
| -82.5° | 0.0 | 1.9 | 4.0 | 6.0 | 7.9 | 9.8 | 11.6 | 13.5 | 15.4 | 17.3 | 19.1 |
| -85° | 0.0 | 1.3 | 2.7 | 4.0 | 5.3 | 6.5 | 7.8 | 9.0 | 10.2 | 11.5 | 12.7 |
| -87.5° | 0.0 | 0.6 | 1.4 | 2.0 | 2.6 | 3.3 | 3.9 | 4.5 | 5.1 | 5.7 | 6.3 |
| -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: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-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° | 6.0 | 6.3 | 6.4 | 6.6 | 6.8 | 7.1 | 7.3 | 7.4 | 7.6 | 7.7 | 7.7 |
| 85° | 12.0 | 12.5 | 14.0 | 15.4 | 16.8 | 18.2 | 19.4 | 20.4 | 21.2 | 21.9 | 22.5 |
| 82.5° | 23.4 | 25.9 | 28.3 | 30.5 | 32.5 | 34.3 | 36.1 | 38.1 | 39.7 | 41.1 | 42.2 |
| 80° | 35.9 | 39.3 | 43.5 | 47.3 | 50.8 | 54.0 | 57.0 | 59.6 | 61.7 | 63.7 | 65.8 |
| 77.5° | 50.4 | 56.0 | 61.1 | 65.9 | 70.4 | 75.8 | 80.7 | 85.3 | 88.8 | 91.4 | 93.5 |
| 75° | 66.1 | 72.6 | 80.1 | 87.6 | 94.6 | 101.0 | 107.2 | 114.8 | 121.0 | 125.7 | 129.4 |
| 72.5° | 82.8 | 92.2 | 101.4 | 110.3 | 120.5 | 130.5 | 140.2 | 149.5 | 157.8 | 163.8 | 168.7 |
| 70° | 100.9 | 111.8 | 124.5 | 137.3 | 149.6 | 162.1 | 175.5 | 187.6 | 197.7 | 204.8 | 211.5 |
| 67.5° | 119.3 | 134.7 | 149.7 | 165.1 | 182.6 | 198.5 | 213.1 | 228.4 | 241.9 | 250.8 | 258.6 |
| 65° | 140.6 | 157.8 | 177.8 | 198.3 | 217.5 | 237.3 | 255.7 | 272.4 | 289.4 | 301.9 | 312.1 |
| 62.5° | 161.1 | 185.3 | 208.9 | 232.9 | 257.0 | 278.6 | 302.6 | 324.1 | 341.3 | 359.0 | 374.2 |
| 60° | 185.5 | 214.2 | 243.2 | 272.1 | 299.1 | 329.4 | 355.8 | 380.7 | 403.6 | 423.4 | 442.1 |
| 57.5° | 209.8 | 246.9 | 281.2 | 315.1 | 350.8 | 383.3 | 414.2 | 442.1 | 469.5 | 492.5 | 514.9 |
| 55° | 235.4 | 283.2 | 322.7 | 364.6 | 403.8 | 440.5 | 475.3 | 510.2 | 539.5 | 571.1 | 598.5 |
| 52.5° | 263.8 | 318.4 | 369.5 | 415.6 | 459.8 | 502.1 | 543.7 | 585.8 | 626.9 | 659.6 | 690.6 |
| 50° | 290.3 | 355.4 | 416.9 | 469.4 | 520.3 | 570.6 | 622.6 | 675.1 | 720.4 | 757.8 | 790.2 |
| 47.5° | 319.6 | 389.8 | 467.9 | 526.0 | 587.1 | 649.4 | 712.5 | 770.5 | 819.9 | 870.8 | 906.6 |
| 45° | 348.1 | 424.6 | 509.4 | 590.0 | 660.7 | 736.0 | 805.6 | 869.6 | 941.2 | 996.8 | 1044.5 |
| 42.5° | 374.1 | 457.6 | 551.9 | 654.6 | 742.9 | 823.8 | 899.1 | 989.2 | 1071.4 | 1136.4 | 1195.9 |
| 40° | 400.8 | 487.6 | 590.6 | 714.6 | 824.9 | 911.3 | 1002.9 | 1102.5 | 1209.4 | 1289.5 | 1360.6 |
| 37.5° | 425.3 | 518.3 | 626.0 | 760.4 | 905.7 | 1000.6 | 1101.9 | 1210.0 | 1331.9 | 1452.2 | 1537.7 |
| 35° | 446.9 | 544.3 | 661.2 | 797.6 | 946.3 | 1087.2 | 1194.4 | 1309.4 | 1442.8 | 1599.0 | 1715.8 |
| 32.5° | 466.5 | 565.5 | 689.0 | 826.6 | 977.5 | 1142.7 | 1278.6 | 1396.8 | 1530.6 | 1691.7 | 1890.1 |
| 30° | 482.5 | 586.0 | 709.8 | 847.6 | 999.0 | 1163.4 | 1336.1 | 1464.8 | 1591.8 | 1750.0 | 1934.6 |
| 27.5° | 494.6 | 601.1 | 724.1 | 860.7 | 1010.4 | 1173.0 | 1339.1 | 1497.9 | 1620.9 | 1769.7 | 1937.6 |
| 25° | 503.9 | 613.5 | 731.7 | 865.5 | 1012.1 | 1168.8 | 1328.6 | 1478.9 | 1616.9 | 1748.1 | 1898.8 |
| 22.5° | 511.7 | 622.0 | 740.0 | 862.3 | 1004.4 | 1153.7 | 1304.1 | 1447.4 | 1580.9 | 1703.8 | 1833.4 |
| 20° | 517.5 | 627.4 | 744.2 | 865.5 | 991.6 | 1129.2 | 1273.1 | 1409.4 | 1538.5 | 1657.4 | 1762.9 |
| 17.5° | 520.1 | 629.0 | 744.1 | 864.9 | 989.4 | 1109.9 | 1235.1 | 1366.1 | 1493.0 | 1611.2 | 1715.4 |
| 15° | 519.6 | 626.9 | 740.0 | 860.2 | 983.0 | 1102.3 | 1217.6 | 1325.7 | 1443.9 | 1563.4 | 1667.2 |
| 12.5° | 516.2 | 621.3 | 732.0 | 851.6 | 972.4 | 1090.3 | 1203.5 | 1312.1 | 1418.1 | 1518.1 | 1617.4 |
| 10° | 509.9 | 612.2 | 720.1 | 839.1 | 957.9 | 1074.0 | 1185.8 | 1294.7 | 1399.5 | 1497.8 | 1590.2 |
| 7.5° | 503.5 | 602.1 | 705.9 | 822.6 | 939.3 | 1053.4 | 1164.1 | 1273.3 | 1376.1 | 1474.1 | 1567.4 |
| 5° | 495.0 | 591.3 | 695.0 | 806.8 | 919.3 | 1030.6 | 1139.0 | 1247.6 | 1347.6 | 1446.6 | 1540.3 |
| 2.5° | 484.2 | 577.9 | 681.3 | 787.7 | 897.0 | 1007.1 | 1111.8 | 1218.5 | 1321.0 | 1416.1 | 1508.4 |
| 0° | 471.3 | 562.1 | 664.8 | 765.1 | 870.8 | 979.6 | 1080.3 | 1184.6 | 1291.3 | 1381.1 | 1471.3 |
| -2.5° | 457.3 | 543.2 | 640.7 | 740.5 | 842.7 | 949.3 | 1052.6 | 1151.5 | 1255.8 | 1346.6 | 1438.8 |
| -5° | 441.6 | 522.3 | 614.1 | 712.8 | 811.2 | 915.2 | 1020.5 | 1114.4 | 1214.1 | 1303.8 | 1394.5 |
| -7.5° | 424.4 | 499.7 | 585.3 | 681.6 | 775.4 | 873.4 | 973.2 | 1063.5 | 1160.4 | 1249.2 | 1337.6 |
| -10° | 406.2 | 477.4 | 557.4 | 646.4 | 734.8 | 826.2 | 919.9 | 1008.4 | 1101.5 | 1190.0 | 1275.0 |
| -12.5° | 388.8 | 455.4 | 528.5 | 609.5 | 692.0 | 776.4 | 863.5 | 949.0 | 1037.4 | 1126.2 | 1205.7 |
| -15° | 370.6 | 432.4 | 498.7 | 571.3 | 647.3 | 724.6 | 804.5 | 885.4 | 968.4 | 1055.3 | 1128.7 |
| -17.5° | 351.7 | 408.4 | 468.3 | 532.2 | 601.0 | 671.0 | 744.5 | 822.6 | 898.5 | 977.6 | 1048.6 |
| -20° | 332.4 | 383.7 | 437.7 | 492.7 | 553.8 | 620.9 | 689.7 | 759.7 | 828.8 | 897.7 | 964.3 |



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 312.8 | 358.5 | 407.6 | 456.0 | 514.1 | 574.7 | 635.1 | 695.9 | 757.8 | 817.1 | 880.2 |
| -25° | 293.9 | 335.0 | 378.4 | 425.5 | 475.4 | 528.8 | 580.7 | 632.1 | 686.9 | 742.6 | 796.9 |
| -27.5° | 275.7 | 312.0 | 353.0 | 395.0 | 436.5 | 484.1 | 529.4 | 573.0 | 620.9 | 670.0 | 713.8 |
| -30° | 257.4 | 291.9 | 327.8 | 365.1 | 401.6 | 441.3 | 480.5 | 518.7 | 557.8 | 599.8 | 637.8 |
| -32.5° | 240.5 | 271.9 | 304.6 | 337.3 | 368.3 | 399.1 | 435.4 | 469.3 | 501.2 | 531.2 | 564.4 |
| -35° | 225.0 | 253.8 | 282.3 | 310.4 | 336.0 | 363.0 | 393.4 | 422.0 | 447.6 | 471.6 | 497.0 |
| -37.5° | 210.4 | 236.1 | 260.0 | 285.2 | 307.9 | 331.1 | 353.4 | 378.1 | 398.9 | 418.1 | 438.9 |
| -40° | 195.8 | 218.7 | 240.3 | 261.3 | 282.1 | 301.5 | 320.5 | 337.3 | 354.1 | 372.5 | 386.8 |
| -42.5° | 181.4 | 202.7 | 221.9 | 238.1 | 257.7 | 274.4 | 289.2 | 303.1 | 316.8 | 331.2 | 342.7 |
| -45° | 168.7 | 186.8 | 204.4 | 219.8 | 234.6 | 248.8 | 261.3 | 272.3 | 285.2 | 295.2 | 303.9 |
| -47.5° | 155.8 | 171.5 | 187.6 | 201.9 | 214.2 | 225.7 | 235.1 | 246.1 | 256.7 | 265.2 | 270.3 |
| -50° | 143.2 | 157.6 | 171.2 | 184.5 | 195.6 | 204.9 | 213.0 | 222.0 | 230.8 | 238.1 | 242.9 |
| -52.5° | 131.5 | 143.6 | 156.2 | 167.5 | 177.8 | 186.1 | 193.8 | 201.6 | 208.1 | 213.1 | 219.4 |
| -55° | 120.0 | 131.1 | 141.7 | 151.8 | 160.6 | 168.2 | 175.7 | 182.7 | 188.3 | 192.6 | 197.8 |
| -57.5° | 109.2 | 119.2 | 128.4 | 137.0 | 144.8 | 151.3 | 158.7 | 164.7 | 169.8 | 173.9 | 179.3 |
| -60° | 98.7 | 107.6 | 116.0 | 123.4 | 129.9 | 136.3 | 142.3 | 147.8 | 152.3 | 156.3 | 161.2 |
| -62.5° | 88.3 | 96.3 | 103.8 | 110.6 | 116.5 | 121.9 | 127.3 | 132.0 | 135.7 | 139.9 | 143.9 |
| -65° | 78.4 | 85.3 | 91.8 | 98.0 | 103.6 | 108.7 | 113.1 | 116.9 | 120.4 | 124.1 | 127.4 |
| -67.5° | 68.6 | 75.0 | 80.5 | 85.5 | 90.6 | 95.5 | 99.7 | 103.2 | 106.1 | 109.1 | 111.8 |
| -70° | 59.9 | 64.9 | 70.0 | 74.4 | 78.4 | 82.5 | 86.5 | 89.8 | 92.4 | 94.8 | 97.0 |
| -72.5° | 51.3 | 55.8 | 59.9 | 63.8 | 67.3 | 70.6 | 73.8 | 76.8 | 79.2 | 81.1 | 82.7 |
| -75° | 43.2 | 46.6 | 50.2 | 53.6 | 56.5 | 59.0 | 61.5 | 63.9 | 65.8 | 67.4 | 68.7 |
| -77.5° | 35.3 | 38.2 | 41.0 | 43.6 | 45.7 | 47.7 | 49.6 | 51.3 | 52.9 | 54.1 | 54.9 |
| -80° | 27.7 | 29.8 | 32.1 | 34.2 | 35.8 | 37.2 | 38.4 | 39.4 | 40.5 | 41.7 | 42.7 |
| -82.5° | 20.7 | 22.2 | 23.6 | 25.1 | 26.2 | 27.1 | 28.0 | 28.7 | 29.6 | 30.3 | 31.0 |
| -85° | 13.6 | 14.5 | 15.4 | 16.3 | 17.1 | 17.9 | 18.5 | 19.1 | 19.5 | 19.9 | 20.2 |
| -87.5° | 6.8 | 7.2 | 7.7 | 8.0 | 8.4 | 8.8 | 9.2 | 9.5 | 9.8 | 10.0 | 10.1 |
| -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: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-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° | 7.8 | 7.8 | 7.8 | 7.8 | 7.7 | 7.4 | 7.1 | 6.7 | 6.3 | 6.5 | 6.6 |
| 85° | 22.9 | 22.9 | 22.9 | 22.6 | 22.3 | 22.2 | 22.2 | 22.0 | 21.8 | 22.1 | 22.4 |
| 82.5° | 43.0 | 43.4 | 43.4 | 43.2 | 42.8 | 43.0 | 43.0 | 42.9 | 42.7 | 43.0 | 43.2 |
| 80° | 67.3 | 67.9 | 67.9 | 67.5 | 66.6 | 66.7 | 66.7 | 66.5 | 66.1 | 66.2 | 66.2 |
| 77.5° | 95.8 | 97.3 | 97.8 | 97.6 | 96.7 | 96.4 | 95.8 | 94.5 | 92.6 | 92.5 | 92.6 |
| 75° | 132.3 | 133.8 | 134.5 | 134.5 | 133.6 | 133.0 | 132.2 | 130.7 | 128.6 | 128.5 | 128.5 |
| 72.5° | 172.4 | 174.6 | 175.6 | 176.5 | 176.5 | 176.2 | 175.1 | 172.9 | 169.6 | 169.2 | 169.6 |
| 70° | 216.8 | 220.5 | 222.9 | 224.7 | 226.2 | 226.5 | 225.8 | 224.0 | 221.1 | 220.3 | 220.1 |
| 67.5° | 266.2 | 272.2 | 276.7 | 279.7 | 282.6 | 284.6 | 285.4 | 284.6 | 282.3 | 281.5 | 281.8 |
| 65° | 321.7 | 330.9 | 338.5 | 344.2 | 348.1 | 350.8 | 353.1 | 354.5 | 354.9 | 355.7 | 356.8 |
| 62.5° | 386.4 | 397.8 | 408.3 | 415.5 | 419.2 | 421.9 | 429.5 | 433.9 | 435.1 | 435.4 | 437.1 |
| 60° | 458.7 | 473.0 | 486.2 | 496.8 | 505.4 | 511.8 | 518.3 | 522.6 | 524.2 | 524.5 | 526.8 |
| 57.5° | 537.7 | 555.7 | 571.2 | 587.6 | 599.0 | 605.7 | 614.3 | 623.2 | 627.9 | 629.2 | 634.7 |
| 55° | 625.2 | 649.7 | 669.7 | 687.3 | 703.3 | 717.4 | 729.3 | 738.5 | 745.2 | 749.3 | 756.6 |
| 52.5° | 721.9 | 750.7 | 771.6 | 792.3 | 815.2 | 831.4 | 842.0 | 858.9 | 871.2 | 878.0 | 886.7 |
| 50° | 828.1 | 860.2 | 888.7 | 910.4 | 937.0 | 959.1 | 975.2 | 991.3 | 1002.5 | 1009.0 | 1017.4 |
| 47.5° | 948.9 | 988.5 | 1021.6 | 1041.6 | 1072.6 | 1098.6 | 1109.1 | 1121.3 | 1142.5 | 1152.7 | 1161.6 |
| 45° | 1085.0 | 1135.4 | 1172.2 | 1203.6 | 1230.3 | 1259.4 | 1278.5 | 1292.3 | 1313.2 | 1323.7 | 1330.3 |
| 42.5° | 1246.9 | 1303.0 | 1351.5 | 1389.2 | 1411.6 | 1449.4 | 1477.0 | 1484.8 | 1514.4 | 1534.4 | 1540.3 |
| 40° | 1428.5 | 1490.6 | 1554.7 | 1597.6 | 1633.6 | 1672.0 | 1717.6 | 1743.0 | 1768.0 | 1787.7 | 1792.1 |
| 37.5° | 1617.7 | 1701.0 | 1774.0 | 1829.4 | 1889.0 | 1945.7 | 1994.0 | 2020.3 | 2036.7 | 2074.4 | 2088.4 |
| 35° | 1810.1 | 1896.0 | 1998.3 | 2084.4 | 2156.6 | 2226.7 | 2281.8 | 2325.1 | 2366.4 | 2400.3 | 2420.6 |
| 32.5° | 1973.9 | 2066.4 | 2192.7 | 2321.6 | 2399.6 | 2475.4 | 2565.8 | 2615.5 | 2670.6 | 2715.3 | 2747.8 |
| 30° | 2108.6 | 2196.4 | 2311.5 | 2473.2 | 2580.0 | 2656.8 | 2771.3 | 2839.9 | 2899.9 | 2975.6 | 3001.9 |
| 27.5° | 2114.9 | 2252.3 | 2354.0 | 2493.3 | 2653.5 | 2731.5 | 2816.2 | 2941.0 | 2978.8 | 3086.7 | 3102.2 |
| 25° | 2059.4 | 2203.7 | 2308.2 | 2424.5 | 2557.6 | 2652.5 | 2729.9 | 2833.6 | 2887.9 | 2957.3 | 3010.6 |
| 22.5° | 1972.6 | 2099.7 | 2206.3 | 2304.9 | 2408.9 | 2495.3 | 2566.0 | 2638.9 | 2698.5 | 2752.3 | 2802.3 |
| 20° | 1876.7 | 1997.3 | 2098.5 | 2183.3 | 2265.7 | 2345.7 | 2409.3 | 2470.6 | 2522.1 | 2568.3 | 2596.8 |
| 17.5° | 1809.1 | 1895.9 | 1999.3 | 2086.2 | 2157.6 | 2220.5 | 2286.3 | 2337.5 | 2382.7 | 2424.3 | 2450.3 |
| 15° | 1763.0 | 1845.6 | 1919.2 | 1998.9 | 2074.1 | 2134.1 | 2183.6 | 2236.5 | 2275.6 | 2311.4 | 2339.5 |
| 12.5° | 1715.2 | 1800.2 | 1877.2 | 1943.6 | 2002.5 | 2068.0 | 2121.0 | 2162.5 | 2203.5 | 2231.6 | 2260.6 |
| 10° | 1675.2 | 1754.8 | 1834.7 | 1904.8 | 1966.7 | 2020.7 | 2070.8 | 2117.5 | 2154.2 | 2185.8 | 2208.6 |
| 7.5° | 1652.0 | 1730.1 | 1801.8 | 1869.1 | 1929.5 | 1987.0 | 2038.7 | 2081.5 | 2117.9 | 2150.5 | 2174.4 |
| 5° | 1625.1 | 1702.4 | 1774.0 | 1842.8 | 1900.8 | 1956.0 | 2007.6 | 2051.5 | 2089.2 | 2118.3 | 2141.2 |
| 2.5° | 1594.3 | 1670.4 | 1741.9 | 1811.8 | 1869.8 | 1923.1 | 1971.8 | 2014.7 | 2054.0 | 2081.8 | 2101.3 |
| 0° | 1559.1 | 1635.4 | 1705.3 | 1771.1 | 1829.4 | 1886.8 | 1931.7 | 1975.1 | 2013.5 | 2040.9 | 2060.4 |
| -2.5° | 1523.6 | 1599.5 | 1671.8 | 1734.9 | 1792.8 | 1845.8 | 1893.6 | 1934.5 | 1971.2 | 1998.5 | 2015.6 |
| -5° | 1476.5 | 1551.9 | 1623.2 | 1686.9 | 1747.3 | 1800.5 | 1847.0 | 1888.7 | 1923.9 | 1953.7 | 1976.9 |
| -7.5° | 1419.5 | 1495.7 | 1567.0 | 1631.9 | 1692.1 | 1742.3 | 1787.0 | 1829.0 | 1866.7 | 1899.2 | 1927.7 |
| -10° | 1356.8 | 1432.2 | 1499.5 | 1560.3 | 1616.4 | 1667.4 | 1714.9 | 1756.4 | 1790.9 | 1822.8 | 1846.8 |
| -12.5° | 1283.7 | 1353.5 | 1419.4 | 1479.3 | 1534.2 | 1585.3 | 1630.4 | 1670.0 | 1704.7 | 1733.0 | 1754.6 |
| -15° | 1203.2 | 1269.4 | 1331.7 | 1393.0 | 1450.5 | 1500.8 | 1540.5 | 1582.2 | 1612.3 | 1639.7 | 1659.2 |
| -17.5° | 1116.9 | 1181.0 | 1246.6 | 1307.9 | 1361.0 | 1410.7 | 1454.4 | 1492.4 | 1524.0 | 1549.2 | 1571.1 |
| -20° | 1029.5 | 1094.8 | 1157.9 | 1216.4 | 1267.4 | 1313.5 | 1357.7 | 1394.2 | 1426.7 | 1454.0 | 1479.8 |



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 941.7 | 1001.5 | 1060.8 | 1118.1 | 1166.3 | 1209.8 | 1248.6 | 1283.5 | 1312.1 | 1344.4 | 1367.2 |
| -25° | 851.5 | 904.0 | 957.5 | 1008.1 | 1053.6 | 1096.5 | 1131.6 | 1162.2 | 1192.0 | 1223.2 | 1245.4 |
| -27.5° | 760.9 | 807.3 | 850.7 | 895.5 | 935.4 | 972.5 | 1005.1 | 1032.0 | 1060.9 | 1081.6 | 1106.1 |
| -30° | 671.3 | 713.4 | 749.6 | 780.7 | 818.3 | 850.1 | 875.5 | 902.1 | 926.1 | 945.9 | 966.5 |
| -32.5° | 595.4 | 624.1 | 653.1 | 679.2 | 704.1 | 730.3 | 750.7 | 774.0 | 790.4 | 807.5 | 824.1 |
| -35° | 522.5 | 544.6 | 563.9 | 588.2 | 606.9 | 621.2 | 638.2 | 655.3 | 661.8 | 680.4 | 690.4 |
| -37.5° | 456.5 | 471.0 | 488.9 | 505.9 | 519.8 | 530.4 | 545.6 | 554.5 | 559.2 | 571.3 | 577.7 |
| -40° | 399.9 | 409.1 | 425.8 | 437.4 | 445.8 | 453.5 | 466.1 | 471.9 | 478.4 | 484.3 | 484.5 |
| -42.5° | 350.2 | 362.0 | 373.4 | 382.4 | 387.7 | 396.5 | 402.5 | 403.2 | 411.5 | 416.8 | 417.6 |
| -45° | 309.5 | 321.5 | 330.5 | 337.2 | 342.5 | 350.0 | 353.9 | 356.0 | 362.8 | 366.4 | 368.0 |
| -47.5° | 278.2 | 286.6 | 294.4 | 299.6 | 306.5 | 312.1 | 314.9 | 318.5 | 323.7 | 327.0 | 329.4 |
| -50° | 250.8 | 257.4 | 263.4 | 268.1 | 275.0 | 280.0 | 282.7 | 287.1 | 291.0 | 293.3 | 295.2 |
| -52.5° | 226.7 | 232.6 | 236.7 | 241.3 | 247.0 | 251.4 | 254.9 | 259.2 | 262.5 | 264.5 | 266.2 |
| -55° | 204.0 | 209.6 | 213.7 | 218.7 | 222.7 | 225.7 | 228.6 | 232.8 | 236.0 | 238.2 | 239.6 |
| -57.5° | 184.1 | 188.3 | 192.2 | 196.8 | 200.7 | 203.9 | 206.5 | 208.8 | 210.9 | 212.6 | 214.0 |
| -60° | 165.4 | 168.8 | 172.4 | 176.0 | 178.9 | 181.3 | 184.1 | 186.2 | 187.5 | 188.3 | 189.5 |
| -62.5° | 147.4 | 150.5 | 153.7 | 156.6 | 158.9 | 160.8 | 163.1 | 164.9 | 166.1 | 167.0 | 167.7 |
| -65° | 130.4 | 133.0 | 135.7 | 138.1 | 140.1 | 141.8 | 143.4 | 144.6 | 145.5 | 146.2 | 146.8 |
| -67.5° | 114.4 | 116.5 | 118.4 | 120.0 | 121.5 | 123.0 | 124.4 | 125.3 | 125.8 | 126.4 | 127.1 |
| -70° | 99.0 | 100.6 | 101.9 | 102.9 | 103.8 | 104.9 | 106.3 | 107.2 | 107.7 | 108.3 | 108.8 |
| -72.5° | 84.1 | 85.3 | 86.3 | 87.1 | 87.6 | 88.4 | 89.3 | 90.1 | 90.6 | 91.1 | 91.3 |
| -75° | 69.7 | 70.7 | 71.6 | 72.2 | 72.6 | 73.1 | 73.6 | 73.8 | 73.9 | 74.1 | 74.2 |
| -77.5° | 55.7 | 56.7 | 57.5 | 58.1 | 58.5 | 58.9 | 59.2 | 59.4 | 59.4 | 59.5 | 59.4 |
| -80° | 43.5 | 44.1 | 44.7 | 45.1 | 45.4 | 45.7 | 45.9 | 45.9 | 45.8 | 45.9 | 45.9 |
| -82.5° | 31.6 | 32.1 | 32.6 | 33.0 | 33.3 | 33.6 | 33.8 | 34.0 | 34.1 | 34.1 | 34.1 |
| -85° | 20.4 | 20.7 | 20.9 | 21.2 | 21.4 | 21.5 | 21.6 | 21.6 | 21.6 | 21.6 | 21.5 |
| -87.5° | 10.2 | 10.1 | 10.0 | 9.8 | 9.5 | 9.6 | 9.6 | 9.7 | 9.7 | 9.8 | 9.8 |
| -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: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-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° | 6.8 | 7.0 | 6.5 | 6.0 | 6.5 | 7.0 | 6.8 | 6.6 | 6.5 | 6.3 | 6.7 |
| 85° | 22.6 | 22.8 | 22.4 | 21.9 | 22.4 | 22.8 | 22.6 | 22.4 | 22.1 | 21.8 | 22.0 |
| 82.5° | 43.2 | 43.2 | 42.8 | 42.4 | 42.8 | 43.2 | 43.2 | 43.2 | 43.0 | 42.7 | 42.9 |
| 80° | 65.9 | 65.5 | 65.2 | 64.8 | 65.2 | 65.5 | 65.9 | 66.2 | 66.2 | 66.1 | 66.5 |
| 77.5° | 92.3 | 91.8 | 92.7 | 93.3 | 92.7 | 91.8 | 92.3 | 92.6 | 92.5 | 92.6 | 94.5 |
| 75° | 128.0 | 127.0 | 126.1 | 124.7 | 126.1 | 127.0 | 128.0 | 128.5 | 128.5 | 128.6 | 130.7 |
| 72.5° | 169.4 | 168.7 | 167.9 | 166.6 | 167.9 | 168.7 | 169.4 | 169.6 | 169.2 | 169.6 | 172.9 |
| 70° | 218.8 | 216.5 | 216.9 | 217.0 | 216.9 | 216.5 | 218.8 | 220.1 | 220.3 | 221.1 | 224.0 |
| 67.5° | 280.9 | 278.8 | 279.0 | 278.8 | 279.0 | 278.8 | 280.9 | 281.8 | 281.5 | 282.3 | 284.6 |
| 65° | 356.1 | 353.7 | 350.8 | 346.6 | 350.8 | 353.7 | 356.1 | 356.8 | 355.7 | 354.9 | 354.5 |
| 62.5° | 436.8 | 434.7 | 435.9 | 436.9 | 435.9 | 434.7 | 436.8 | 437.1 | 435.4 | 435.1 | 433.9 |
| 60° | 526.5 | 523.5 | 522.1 | 519.7 | 522.1 | 523.5 | 526.5 | 526.8 | 524.5 | 524.2 | 522.6 |
| 57.5° | 637.2 | 636.7 | 635.4 | 631.9 | 635.4 | 636.7 | 637.2 | 634.7 | 629.2 | 627.9 | 623.2 |
| 55° | 760.0 | 759.3 | 762.1 | 765.6 | 762.1 | 759.3 | 760.0 | 756.6 | 749.3 | 745.2 | 738.5 |
| 52.5° | 893.1 | 895.3 | 894.5 | 889.8 | 894.5 | 895.3 | 893.1 | 886.7 | 878.0 | 871.2 | 858.9 |
| 50° | 1024.7 | 1027.2 | 1029.9 | 1032.4 | 1029.9 | 1027.2 | 1024.7 | 1017.4 | 1009.0 | 1002.5 | 991.3 |
| 47.5° | 1174.0 | 1180.6 | 1181.8 | 1177.1 | 1181.8 | 1180.6 | 1174.0 | 1161.6 | 1152.7 | 1142.5 | 1121.3 |
| 45° | 1343.5 | 1347.6 | 1349.6 | 1353.6 | 1349.6 | 1347.6 | 1343.5 | 1330.3 | 1323.7 | 1313.2 | 1292.3 |
| 42.5° | 1557.3 | 1562.0 | 1562.7 | 1567.1 | 1562.7 | 1562.0 | 1557.3 | 1540.3 | 1534.4 | 1514.4 | 1484.8 |
| 40° | 1811.2 | 1818.7 | 1817.4 | 1815.5 | 1817.4 | 1818.7 | 1811.2 | 1792.1 | 1787.7 | 1768.0 | 1743.0 |
| 37.5° | 2108.2 | 2121.0 | 2122.3 | 2130.2 | 2122.3 | 2121.0 | 2108.2 | 2088.4 | 2074.4 | 2036.7 | 2020.3 |
| 35° | 2441.6 | 2456.6 | 2454.1 | 2457.9 | 2454.1 | 2456.6 | 2441.6 | 2420.6 | 2400.3 | 2366.4 | 2325.1 |
| 32.5° | 2777.9 | 2800.4 | 2805.0 | 2824.0 | 2805.0 | 2800.4 | 2777.9 | 2747.8 | 2715.3 | 2670.6 | 2615.5 |
| 30° | 3042.1 | 3073.7 | 3094.4 | 3092.8 | 3094.4 | 3073.7 | 3042.1 | 3001.9 | 2975.6 | 2899.9 | 2839.9 |
| 27.5° | 3151.5 | 3192.5 | 3230.8 | 3242.4 | 3230.8 | 3192.5 | 3151.5 | 3102.2 | 3086.7 | 2978.8 | 2941.0 |
| 25° | 3044.8 | 3074.7 | 3108.6 | 3126.7 | 3108.6 | 3074.7 | 3044.8 | 3010.6 | 2957.3 | 2887.9 | 2833.6 |
| 22.5° | 2825.3 | 2844.8 | 2856.3 | 2846.9 | 2856.3 | 2844.8 | 2825.3 | 2802.3 | 2752.3 | 2698.5 | 2638.9 |
| 20° | 2626.2 | 2650.8 | 2655.4 | 2665.4 | 2655.4 | 2650.8 | 2626.2 | 2596.8 | 2568.3 | 2522.1 | 2470.6 |
| 17.5° | 2478.0 | 2494.2 | 2503.7 | 2505.8 | 2503.7 | 2494.2 | 2478.0 | 2450.3 | 2424.3 | 2382.7 | 2337.5 |
| 15° | 2361.9 | 2374.8 | 2383.3 | 2387.1 | 2383.3 | 2374.8 | 2361.9 | 2339.5 | 2311.4 | 2275.6 | 2236.5 |
| 12.5° | 2279.6 | 2295.3 | 2303.1 | 2307.8 | 2303.1 | 2295.3 | 2279.6 | 2260.6 | 2231.6 | 2203.5 | 2162.5 |
| 10° | 2226.8 | 2242.0 | 2248.1 | 2250.4 | 2248.1 | 2242.0 | 2226.8 | 2208.6 | 2185.8 | 2154.2 | 2117.5 |
| 7.5° | 2188.9 | 2198.7 | 2202.8 | 2206.0 | 2202.8 | 2198.7 | 2188.9 | 2174.4 | 2150.5 | 2117.9 | 2081.5 |
| 5° | 2158.3 | 2166.1 | 2170.4 | 2175.1 | 2170.4 | 2166.1 | 2158.3 | 2141.2 | 2118.3 | 2089.2 | 2051.5 |
| 2.5° | 2116.7 | 2127.8 | 2135.5 | 2140.2 | 2135.5 | 2127.8 | 2116.7 | 2101.3 | 2081.8 | 2054.0 | 2014.7 |
| 0° | 2075.8 | 2086.3 | 2091.8 | 2100.8 | 2091.8 | 2086.3 | 2075.8 | 2060.4 | 2040.9 | 2013.5 | 1975.1 |
| -2.5° | 2030.9 | 2043.0 | 2057.4 | 2071.3 | 2057.4 | 2043.0 | 2030.9 | 2015.6 | 1998.5 | 1971.2 | 1934.5 |
| -5° | 1996.5 | 2012.5 | 2015.6 | 2024.5 | 2015.6 | 2012.5 | 1996.5 | 1976.9 | 1953.7 | 1923.9 | 1888.7 |
| -7.5° | 1944.6 | 1952.0 | 1964.4 | 1966.6 | 1964.4 | 1952.0 | 1944.6 | 1927.7 | 1899.2 | 1866.7 | 1829.0 |
| -10° | 1864.8 | 1876.6 | 1884.4 | 1892.3 | 1884.4 | 1876.6 | 1864.8 | 1846.8 | 1822.8 | 1790.9 | 1756.4 |
| -12.5° | 1770.9 | 1784.8 | 1797.3 | 1795.5 | 1797.3 | 1784.8 | 1770.9 | 1754.6 | 1733.0 | 1704.7 | 1670.0 |
| -15° | 1679.4 | 1692.9 | 1701.4 | 1700.3 | 1701.4 | 1692.9 | 1679.4 | 1659.2 | 1639.7 | 1612.3 | 1582.2 |
| -17.5° | 1588.6 | 1600.9 | 1613.3 | 1613.0 | 1613.3 | 1600.9 | 1588.6 | 1571.1 | 1549.2 | 1524.0 | 1492.4 |
| -20° | 1494.8 | 1505.4 | 1518.6 | 1524.2 | 1518.6 | 1505.4 | 1494.8 | 1479.8 | 1454.0 | 1426.7 | 1394.2 |



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1386.4 | 1399.9 | 1409.6 | 1415.5 | 1409.6 | 1399.9 | 1386.4 | 1367.2 | 1344.4 | 1312.1 | 1283.5 |
| -25° | 1260.1 | 1273.9 | 1281.2 | 1283.8 | 1281.2 | 1273.9 | 1260.1 | 1245.4 | 1223.2 | 1192.0 | 1162.2 |
| -27.5° | 1120.5 | 1135.9 | 1143.5 | 1139.7 | 1143.5 | 1135.9 | 1120.5 | 1106.1 | 1081.6 | 1060.9 | 1032.0 |
| -30° | 977.3 | 987.2 | 988.3 | 997.0 | 988.3 | 987.2 | 977.3 | 966.5 | 945.9 | 926.1 | 902.1 |
| -32.5° | 836.0 | 842.7 | 838.9 | 839.4 | 838.9 | 842.7 | 836.0 | 824.1 | 807.5 | 790.4 | 774.0 |
| -35° | 696.5 | 701.8 | 702.9 | 712.7 | 702.9 | 701.8 | 696.5 | 690.4 | 680.4 | 661.8 | 655.3 |
| -37.5° | 584.4 | 586.5 | 583.2 | 578.6 | 583.2 | 586.5 | 584.4 | 577.7 | 571.3 | 559.2 | 554.5 |
| -40° | 489.3 | 490.9 | 489.7 | 487.3 | 489.7 | 490.9 | 489.3 | 484.5 | 484.3 | 478.4 | 471.9 |
| -42.5° | 420.9 | 420.9 | 419.8 | 419.5 | 419.8 | 420.9 | 420.9 | 417.6 | 416.8 | 411.5 | 403.2 |
| -45° | 370.3 | 370.9 | 370.8 | 370.6 | 370.8 | 370.9 | 370.3 | 368.0 | 366.4 | 362.8 | 356.0 |
| -47.5° | 331.1 | 331.2 | 330.7 | 329.7 | 330.7 | 331.2 | 331.1 | 329.4 | 327.0 | 323.7 | 318.5 |
| -50° | 296.4 | 296.4 | 297.1 | 298.3 | 297.1 | 296.4 | 296.4 | 295.2 | 293.3 | 291.0 | 287.1 |
| -52.5° | 267.0 | 267.0 | 267.3 | 267.8 | 267.3 | 267.0 | 267.0 | 266.2 | 264.5 | 262.5 | 259.2 |
| -55° | 240.2 | 240.1 | 239.7 | 238.9 | 239.7 | 240.1 | 240.2 | 239.6 | 238.2 | 236.0 | 232.8 |
| -57.5° | 214.6 | 214.3 | 213.7 | 212.5 | 213.7 | 214.3 | 214.6 | 214.0 | 212.6 | 210.9 | 208.8 |
| -60° | 190.1 | 190.2 | 189.9 | 189.0 | 189.9 | 190.2 | 190.1 | 189.5 | 188.3 | 187.5 | 186.2 |
| -62.5° | 167.8 | 167.5 | 167.4 | 167.1 | 167.4 | 167.5 | 167.8 | 167.7 | 167.0 | 166.1 | 164.9 |
| -65° | 146.9 | 146.6 | 146.7 | 146.6 | 146.7 | 146.6 | 146.9 | 146.8 | 146.2 | 145.5 | 144.6 |
| -67.5° | 127.3 | 127.2 | 127.3 | 127.2 | 127.3 | 127.2 | 127.3 | 127.1 | 126.4 | 125.8 | 125.3 |
| -70° | 109.2 | 109.2 | 108.6 | 107.7 | 108.6 | 109.2 | 109.2 | 108.8 | 108.3 | 107.7 | 107.2 |
| -72.5° | 91.2 | 90.9 | 90.9 | 90.8 | 90.9 | 90.9 | 91.2 | 91.3 | 91.1 | 90.6 | 90.1 |
| -75° | 74.2 | 74.0 | 74.5 | 74.8 | 74.5 | 74.0 | 74.2 | 74.2 | 74.1 | 73.9 | 73.8 |
| -77.5° | 59.1 | 58.7 | 59.1 | 59.4 | 59.1 | 58.7 | 59.1 | 59.4 | 59.5 | 59.4 | 59.4 |
| -80° | 45.9 | 45.7 | 45.6 | 45.4 | 45.6 | 45.7 | 45.9 | 45.9 | 45.9 | 45.8 | 45.9 |
| -82.5° | 34.0 | 33.8 | 33.6 | 33.4 | 33.6 | 33.8 | 34.0 | 34.1 | 34.1 | 34.1 | 34.0 |
| -85° | 21.5 | 21.3 | 21.6 | 21.9 | 21.6 | 21.3 | 21.5 | 21.5 | 21.6 | 21.6 | 21.6 |
| -87.5° | 9.9 | 10.0 | 9.7 | 9.5 | 9.7 | 10.0 | 9.9 | 9.8 | 9.8 | 9.7 | 9.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-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° | 7.1 | 7.4 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.7 | 7.7 | 7.6 | 7.4 |
| 85° | 22.2 | 22.2 | 22.3 | 22.6 | 22.9 | 22.9 | 22.9 | 22.5 | 21.9 | 21.2 | 20.4 |
| 82.5° | 43.0 | 43.0 | 42.8 | 43.2 | 43.4 | 43.4 | 43.0 | 42.2 | 41.1 | 39.7 | 38.1 |
| 80° | 66.7 | 66.7 | 66.6 | 67.5 | 67.9 | 67.9 | 67.3 | 65.8 | 63.7 | 61.7 | 59.6 |
| 77.5° | 95.8 | 96.4 | 96.7 | 97.6 | 97.8 | 97.3 | 95.8 | 93.5 | 91.4 | 88.8 | 85.3 |
| 75° | 132.2 | 133.0 | 133.6 | 134.5 | 134.5 | 133.8 | 132.3 | 129.4 | 125.7 | 121.0 | 114.8 |
| 72.5° | 175.1 | 176.2 | 176.5 | 176.5 | 175.6 | 174.6 | 172.4 | 168.7 | 163.8 | 157.8 | 149.5 |
| 70° | 225.8 | 226.5 | 226.2 | 224.7 | 222.9 | 220.5 | 216.8 | 211.5 | 204.8 | 197.7 | 187.6 |
| 67.5° | 285.4 | 284.6 | 282.6 | 279.7 | 276.7 | 272.2 | 266.2 | 258.6 | 250.8 | 241.9 | 228.4 |
| 65° | 353.1 | 350.8 | 348.1 | 344.2 | 338.5 | 330.9 | 321.7 | 312.1 | 301.9 | 289.4 | 272.4 |
| 62.5° | 429.5 | 421.9 | 419.2 | 415.5 | 408.3 | 397.8 | 386.4 | 374.2 | 359.0 | 341.3 | 324.1 |
| 60° | 518.3 | 511.8 | 505.4 | 496.8 | 486.2 | 473.0 | 458.7 | 442.1 | 423.4 | 403.6 | 380.7 |
| 57.5° | 614.3 | 605.7 | 599.0 | 587.6 | 571.2 | 555.7 | 537.7 | 514.9 | 492.5 | 469.5 | 442.1 |
| 55° | 729.3 | 717.4 | 703.3 | 687.3 | 669.7 | 649.7 | 625.2 | 598.5 | 571.1 | 539.5 | 510.2 |
| 52.5° | 842.0 | 831.4 | 815.2 | 792.3 | 771.6 | 750.7 | 721.9 | 690.6 | 659.6 | 626.9 | 585.8 |
| 50° | 975.2 | 959.1 | 937.0 | 910.4 | 888.7 | 860.2 | 828.1 | 790.2 | 757.8 | 720.4 | 675.1 |
| 47.5° | 1109.1 | 1098.6 | 1072.6 | 1041.6 | 1021.6 | 988.5 | 948.9 | 906.6 | 870.8 | 819.9 | 770.5 |
| 45° | 1278.5 | 1259.4 | 1230.3 | 1203.6 | 1172.2 | 1135.4 | 1085.0 | 1044.5 | 996.8 | 941.2 | 869.6 |
| 42.5° | 1477.0 | 1449.4 | 1411.6 | 1389.2 | 1351.5 | 1303.0 | 1246.9 | 1195.9 | 1136.4 | 1071.4 | 989.2 |
| 40° | 1717.6 | 1672.0 | 1633.6 | 1597.6 | 1554.7 | 1490.6 | 1428.5 | 1360.6 | 1289.5 | 1209.4 | 1102.5 |
| 37.5° | 1994.0 | 1945.7 | 1889.0 | 1829.4 | 1774.0 | 1701.0 | 1617.7 | 1537.7 | 1452.2 | 1331.9 | 1210.0 |
| 35° | 2281.8 | 2226.7 | 2156.6 | 2084.4 | 1998.3 | 1896.0 | 1810.1 | 1715.8 | 1599.0 | 1442.8 | 1309.4 |
| 32.5° | 2565.8 | 2475.4 | 2399.6 | 2321.6 | 2192.7 | 2066.4 | 1973.9 | 1890.1 | 1691.7 | 1530.6 | 1396.8 |
| 30° | 2771.3 | 2656.8 | 2580.0 | 2473.2 | 2311.5 | 2196.4 | 2108.6 | 1934.6 | 1750.0 | 1591.8 | 1464.8 |
| 27.5° | 2816.2 | 2731.5 | 2653.5 | 2493.3 | 2354.0 | 2252.3 | 2114.9 | 1937.6 | 1769.7 | 1620.9 | 1497.9 |
| 25° | 2729.9 | 2652.5 | 2557.6 | 2424.5 | 2308.2 | 2203.7 | 2059.4 | 1898.8 | 1748.1 | 1616.9 | 1478.9 |
| 22.5° | 2566.0 | 2495.3 | 2408.9 | 2304.9 | 2206.3 | 2099.7 | 1972.6 | 1833.4 | 1703.8 | 1580.9 | 1447.4 |
| 20° | 2409.3 | 2345.7 | 2265.7 | 2183.3 | 2098.5 | 1997.3 | 1876.7 | 1762.9 | 1657.4 | 1538.5 | 1409.4 |
| 17.5° | 2286.3 | 2220.5 | 2157.6 | 2086.2 | 1999.3 | 1895.9 | 1809.1 | 1715.4 | 1611.2 | 1493.0 | 1366.1 |
| 15° | 2183.6 | 2134.1 | 2074.1 | 1998.9 | 1919.2 | 1845.6 | 1763.0 | 1667.2 | 1563.4 | 1443.9 | 1325.7 |
| 12.5° | 2121.0 | 2068.0 | 2002.5 | 1943.6 | 1877.2 | 1800.2 | 1715.2 | 1617.4 | 1518.1 | 1418.1 | 1312.1 |
| 10° | 2070.8 | 2020.7 | 1966.7 | 1904.8 | 1834.7 | 1754.8 | 1675.2 | 1590.2 | 1497.8 | 1399.5 | 1294.7 |
| 7.5° | 2038.7 | 1987.0 | 1929.5 | 1869.1 | 1801.8 | 1730.1 | 1652.0 | 1567.4 | 1474.1 | 1376.1 | 1273.3 |
| 5° | 2007.6 | 1956.0 | 1900.8 | 1842.8 | 1774.0 | 1702.4 | 1625.1 | 1540.3 | 1446.6 | 1347.6 | 1247.6 |
| 2.5° | 1971.8 | 1923.1 | 1869.8 | 1811.8 | 1741.9 | 1670.4 | 1594.3 | 1508.4 | 1416.1 | 1321.0 | 1218.5 |
| 0° | 1931.7 | 1886.8 | 1829.4 | 1771.1 | 1705.3 | 1635.4 | 1559.1 | 1471.3 | 1381.1 | 1291.3 | 1184.6 |
| -2.5° | 1893.6 | 1845.8 | 1792.8 | 1734.9 | 1671.8 | 1599.5 | 1523.6 | 1438.8 | 1346.6 | 1255.8 | 1151.5 |
| -5° | 1847.0 | 1800.5 | 1747.3 | 1686.9 | 1623.2 | 1551.9 | 1476.5 | 1394.5 | 1303.8 | 1214.1 | 1114.4 |
| -7.5° | 1787.0 | 1742.3 | 1692.1 | 1631.9 | 1567.0 | 1495.7 | 1419.5 | 1337.6 | 1249.2 | 1160.4 | 1063.5 |
| -10° | 1714.9 | 1667.4 | 1616.4 | 1560.3 | 1499.5 | 1432.2 | 1356.8 | 1275.0 | 1190.0 | 1101.5 | 1008.4 |
| -12.5° | 1630.4 | 1585.3 | 1534.2 | 1479.3 | 1419.4 | 1353.5 | 1283.7 | 1205.7 | 1126.2 | 1037.4 | 949.0 |
| -15° | 1540.5 | 1500.8 | 1450.5 | 1393.0 | 1331.7 | 1269.4 | 1203.2 | 1128.7 | 1055.3 | 968.4 | 885.4 |
| -17.5° | 1454.4 | 1410.7 | 1361.0 | 1307.9 | 1246.6 | 1181.0 | 1116.9 | 1048.6 | 977.6 | 898.5 | 822.6 |
| -20° | 1357.7 | 1313.5 | 1267.4 | 1216.4 | 1157.9 | 1094.8 | 1029.5 | 964.3 | 897.7 | 828.8 | 759.7 |



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 1248.6 | 1209.8 | 1166.3 | 1118.1 | 1060.8 | 1001.5 | 941.7 | 880.2 | 817.1 | 757.8 | 695.9 |
| -25° | 1131.6 | 1096.5 | 1053.6 | 1008.1 | 957.5 | 904.0 | 851.5 | 796.9 | 742.6 | 686.9 | 632.1 |
| -27.5° | 1005.1 | 972.5 | 935.4 | 895.5 | 850.7 | 807.3 | 760.9 | 713.8 | 670.0 | 620.9 | 573.0 |
| -30° | 875.5 | 850.1 | 818.3 | 780.7 | 749.6 | 713.4 | 671.3 | 637.8 | 599.8 | 557.8 | 518.7 |
| -32.5° | 750.7 | 730.3 | 704.1 | 679.2 | 653.1 | 624.1 | 595.4 | 564.4 | 531.2 | 501.2 | 469.3 |
| -35° | 638.2 | 621.2 | 606.9 | 588.2 | 563.9 | 544.6 | 522.5 | 497.0 | 471.6 | 447.6 | 422.0 |
| -37.5° | 545.6 | 530.4 | 519.8 | 505.9 | 488.9 | 471.0 | 456.5 | 438.9 | 418.1 | 398.9 | 378.1 |
| -40° | 466.1 | 453.5 | 445.8 | 437.4 | 425.8 | 409.1 | 399.9 | 386.8 | 372.5 | 354.1 | 337.3 |
| -42.5° | 402.5 | 396.5 | 387.7 | 382.4 | 373.4 | 362.0 | 350.2 | 342.7 | 331.2 | 316.8 | 303.1 |
| -45° | 353.9 | 350.0 | 342.5 | 337.2 | 330.5 | 321.5 | 309.5 | 303.9 | 295.2 | 285.2 | 272.3 |
| -47.5° | 314.9 | 312.1 | 306.5 | 299.6 | 294.4 | 286.6 | 278.2 | 270.3 | 265.2 | 256.7 | 246.1 |
| -50° | 282.7 | 280.0 | 275.0 | 268.1 | 263.4 | 257.4 | 250.8 | 242.9 | 238.1 | 230.8 | 222.0 |
| -52.5° | 254.9 | 251.4 | 247.0 | 241.3 | 236.7 | 232.6 | 226.7 | 219.4 | 213.1 | 208.1 | 201.6 |
| -55° | 228.6 | 225.7 | 222.7 | 218.7 | 213.7 | 209.6 | 204.0 | 197.8 | 192.6 | 188.3 | 182.7 |
| -57.5° | 206.5 | 203.9 | 200.7 | 196.8 | 192.2 | 188.3 | 184.1 | 179.3 | 173.9 | 169.8 | 164.7 |
| -60° | 184.1 | 181.3 | 178.9 | 176.0 | 172.4 | 168.8 | 165.4 | 161.2 | 156.3 | 152.3 | 147.8 |
| -62.5° | 163.1 | 160.8 | 158.9 | 156.6 | 153.7 | 150.5 | 147.4 | 143.9 | 139.9 | 135.7 | 132.0 |
| -65° | 143.4 | 141.8 | 140.1 | 138.1 | 135.7 | 133.0 | 130.4 | 127.4 | 124.1 | 120.4 | 116.9 |
| -67.5° | 124.4 | 123.0 | 121.5 | 120.0 | 118.4 | 116.5 | 114.4 | 111.8 | 109.1 | 106.1 | 103.2 |
| -70° | 106.3 | 104.9 | 103.8 | 102.9 | 101.9 | 100.6 | 99.0 | 97.0 | 94.8 | 92.4 | 89.8 |
| -72.5° | 89.3 | 88.4 | 87.6 | 87.1 | 86.3 | 85.3 | 84.1 | 82.7 | 81.1 | 79.2 | 76.8 |
| -75° | 73.6 | 73.1 | 72.6 | 72.2 | 71.6 | 70.7 | 69.7 | 68.7 | 67.4 | 65.8 | 63.9 |
| -77.5° | 59.2 | 58.9 | 58.5 | 58.1 | 57.5 | 56.7 | 55.7 | 54.9 | 54.1 | 52.9 | 51.3 |
| -80° | 45.9 | 45.7 | 45.4 | 45.1 | 44.7 | 44.1 | 43.5 | 42.7 | 41.7 | 40.5 | 39.4 |
| -82.5° | 33.8 | 33.6 | 33.3 | 33.0 | 32.6 | 32.1 | 31.6 | 31.0 | 30.3 | 29.6 | 28.7 |
| -85° | 21.6 | 21.5 | 21.4 | 21.2 | 20.9 | 20.7 | 20.4 | 20.2 | 19.9 | 19.5 | 19.1 |
| -87.5° | 9.6 | 9.6 | 9.5 | 9.8 | 10.0 | 10.1 | 10.2 | 10.1 | 10.0 | 9.8 | 9.5 |
| -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: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-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° | 7.3 | 7.1 | 6.8 | 6.6 | 6.4 | 6.3 | 6.0 | 5.7 | 5.2 | 4.7 | 4.2 |
| 85° | 19.4 | 18.2 | 16.8 | 15.4 | 14.0 | 12.5 | 12.0 | 11.4 | 10.4 | 9.4 | 8.3 |
| 82.5° | 36.1 | 34.3 | 32.5 | 30.5 | 28.3 | 25.9 | 23.4 | 20.8 | 17.5 | 14.4 | 12.5 |
| 80° | 57.0 | 54.0 | 50.8 | 47.3 | 43.5 | 39.3 | 35.9 | 32.2 | 27.6 | 23.1 | 18.8 |
| 77.5° | 80.7 | 75.8 | 70.4 | 65.9 | 61.1 | 56.0 | 50.4 | 44.2 | 37.5 | 31.8 | 26.2 |
| 75° | 107.2 | 101.0 | 94.6 | 87.6 | 80.1 | 72.6 | 66.1 | 58.5 | 49.4 | 40.5 | 33.5 |
| 72.5° | 140.2 | 130.5 | 120.5 | 110.3 | 101.4 | 92.2 | 82.8 | 72.5 | 61.8 | 51.4 | 41.3 |
| 70° | 175.5 | 162.1 | 149.6 | 137.3 | 124.5 | 111.8 | 100.9 | 88.1 | 74.1 | 62.1 | 50.5 |
| 67.5° | 213.1 | 198.5 | 182.6 | 165.1 | 149.7 | 134.7 | 119.3 | 103.8 | 88.2 | 72.6 | 59.5 |
| 65° | 255.7 | 237.3 | 217.5 | 198.3 | 177.8 | 157.8 | 140.6 | 120.1 | 101.9 | 84.8 | 68.3 |
| 62.5° | 302.6 | 278.6 | 257.0 | 232.9 | 208.9 | 185.3 | 161.1 | 138.1 | 115.9 | 96.6 | 78.1 |
| 60° | 355.8 | 329.4 | 299.1 | 272.1 | 243.2 | 214.2 | 185.5 | 155.5 | 131.2 | 108.2 | 88.1 |
| 57.5° | 414.2 | 383.3 | 350.8 | 315.1 | 281.2 | 246.9 | 209.8 | 175.4 | 146.0 | 120.7 | 97.7 |
| 55° | 475.3 | 440.5 | 403.8 | 364.6 | 322.7 | 283.2 | 235.4 | 195.7 | 161.0 | 133.2 | 106.7 |
| 52.5° | 543.7 | 502.1 | 459.8 | 415.6 | 369.5 | 318.4 | 263.8 | 214.8 | 177.8 | 145.0 | 116.2 |
| 50° | 622.6 | 570.6 | 520.3 | 469.4 | 416.9 | 355.4 | 290.3 | 237.7 | 193.5 | 157.0 | 125.3 |
| 47.5° | 712.5 | 649.4 | 587.1 | 526.0 | 467.9 | 389.8 | 319.6 | 259.6 | 208.2 | 169.8 | 133.7 |
| 45° | 805.6 | 736.0 | 660.7 | 590.0 | 509.4 | 424.6 | 348.1 | 279.7 | 225.9 | 180.9 | 141.5 |
| 42.5° | 899.1 | 823.8 | 742.9 | 654.6 | 551.9 | 457.6 | 374.1 | 302.3 | 242.2 | 191.2 | 149.7 |
| 40° | 1002.9 | 911.3 | 824.9 | 714.6 | 590.6 | 487.6 | 400.8 | 323.6 | 256.9 | 201.5 | 157.9 |
| 37.5° | 1101.9 | 1000.6 | 905.7 | 760.4 | 626.0 | 518.3 | 425.3 | 342.5 | 270.4 | 212.6 | 165.3 |
| 35° | 1194.4 | 1087.2 | 946.3 | 797.6 | 661.2 | 544.3 | 446.9 | 360.4 | 284.6 | 222.4 | 172.0 |
| 32.5° | 1278.6 | 1142.7 | 977.5 | 826.6 | 689.0 | 565.5 | 466.5 | 376.4 | 296.9 | 230.9 | 177.9 |
| 30° | 1336.1 | 1163.4 | 999.0 | 847.6 | 709.8 | 586.0 | 482.5 | 389.6 | 307.0 | 238.0 | 183.3 |
| 27.5° | 1339.1 | 1173.0 | 1010.4 | 860.7 | 724.1 | 601.1 | 494.6 | 400.1 | 315.1 | 244.7 | 189.0 |
| 25° | 1328.6 | 1168.8 | 1012.1 | 865.5 | 731.7 | 613.5 | 503.9 | 408.0 | 322.6 | 251.1 | 193.6 |
| 22.5° | 1304.1 | 1153.7 | 1004.4 | 862.3 | 740.0 | 622.0 | 511.7 | 414.7 | 328.6 | 256.0 | 197.3 |
| 20° | 1273.1 | 1129.2 | 991.6 | 865.5 | 744.2 | 627.4 | 517.5 | 419.1 | 332.5 | 259.3 | 199.9 |
| 17.5° | 1235.1 | 1109.9 | 989.4 | 864.9 | 744.1 | 629.0 | 520.1 | 421.1 | 334.4 | 261.1 | 201.5 |
| 15° | 1217.6 | 1102.3 | 983.0 | 860.2 | 740.0 | 626.9 | 519.6 | 420.8 | 334.2 | 261.5 | 202.6 |
| 12.5° | 1203.5 | 1090.3 | 972.4 | 851.6 | 732.0 | 621.3 | 516.2 | 418.3 | 332.2 | 261.5 | 203.5 |
| 10° | 1185.8 | 1074.0 | 957.9 | 839.1 | 720.1 | 612.2 | 509.9 | 414.5 | 331.2 | 261.0 | 203.5 |
| 7.5° | 1164.1 | 1053.4 | 939.3 | 822.6 | 705.9 | 602.1 | 503.5 | 410.3 | 329.1 | 259.5 | 202.8 |
| 5° | 1139.0 | 1030.6 | 919.3 | 806.8 | 695.0 | 591.3 | 495.0 | 404.0 | 325.6 | 256.9 | 201.4 |
| 2.5° | 1111.8 | 1007.1 | 897.0 | 787.7 | 681.3 | 577.9 | 484.2 | 395.8 | 320.8 | 253.4 | 199.3 |
| 0° | 1080.3 | 979.6 | 870.8 | 765.1 | 664.8 | 562.1 | 471.3 | 386.0 | 314.7 | 248.9 | 196.5 |
| -2.5° | 1052.6 | 949.3 | 842.7 | 740.5 | 640.7 | 543.2 | 457.3 | 376.1 | 307.9 | 244.5 | 193.6 |
| -5° | 1020.5 | 915.2 | 811.2 | 712.8 | 614.1 | 522.3 | 441.6 | 364.9 | 300.1 | 239.3 | 190.2 |
| -7.5° | 973.2 | 873.4 | 775.4 | 681.6 | 585.3 | 499.7 | 424.4 | 352.6 | 291.3 | 233.4 | 186.2 |
| -10° | 919.9 | 826.2 | 734.8 | 646.4 | 557.4 | 477.4 | 406.2 | 339.4 | 281.6 | 226.9 | 181.7 |
| -12.5° | 863.5 | 776.4 | 692.0 | 609.5 | 528.5 | 455.4 | 388.8 | 326.4 | 271.2 | 219.7 | 176.8 |
| -15° | 804.5 | 724.6 | 647.3 | 571.3 | 498.7 | 432.4 | 370.6 | 313.1 | 261.0 | 212.4 | 171.5 |
| -17.5° | 744.5 | 671.0 | 601.0 | 532.2 | 468.3 | 408.4 | 351.7 | 299.1 | 250.3 | 205.1 | 166.2 |
| -20° | 689.7 | 620.9 | 553.8 | 492.7 | 437.7 | 383.7 | 332.4 | 284.6 | 239.1 | 197.4 | 160.8 |



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 635.1 | 574.7 | 514.1 | 456.0 | 407.6 | 358.5 | 312.8 | 269.6 | 227.5 | 189.4 | 155.1 |
| -25° | 580.7 | 528.8 | 475.4 | 425.5 | 378.4 | 335.0 | 293.9 | 254.3 | 215.6 | 181.1 | 149.0 |
| -27.5° | 529.4 | 484.1 | 436.5 | 395.0 | 353.0 | 312.0 | 275.7 | 239.7 | 204.1 | 172.5 | 142.5 |
| -30° | 480.5 | 441.3 | 401.6 | 365.1 | 327.8 | 291.9 | 257.4 | 225.2 | 193.6 | 164.2 | 135.8 |
| -32.5° | 435.4 | 399.1 | 368.3 | 337.3 | 304.6 | 271.9 | 240.5 | 210.7 | 183.0 | 156.0 | 129.5 |
| -35° | 393.4 | 363.0 | 336.0 | 310.4 | 282.3 | 253.8 | 225.0 | 196.4 | 172.5 | 147.5 | 123.4 |
| -37.5° | 353.4 | 331.1 | 307.9 | 285.2 | 260.0 | 236.1 | 210.4 | 184.6 | 162.0 | 138.8 | 117.0 |
| -40° | 320.5 | 301.5 | 282.1 | 261.3 | 240.3 | 218.7 | 195.8 | 173.4 | 151.7 | 129.9 | 110.6 |
| -42.5° | 289.2 | 274.4 | 257.7 | 238.1 | 221.9 | 202.7 | 181.4 | 162.0 | 141.9 | 121.9 | 104.1 |
| -45° | 261.3 | 248.8 | 234.6 | 219.8 | 204.4 | 186.8 | 168.7 | 150.6 | 132.0 | 114.4 | 97.8 |
| -47.5° | 235.1 | 225.7 | 214.2 | 201.9 | 187.6 | 171.5 | 155.8 | 139.6 | 122.0 | 106.9 | 91.8 |
| -50° | 213.0 | 204.9 | 195.6 | 184.5 | 171.2 | 157.6 | 143.2 | 128.7 | 113.7 | 99.4 | 85.6 |
| -52.5° | 193.8 | 186.1 | 177.8 | 167.5 | 156.2 | 143.6 | 131.5 | 118.0 | 105.3 | 92.2 | 79.4 |
| -55° | 175.7 | 168.2 | 160.6 | 151.8 | 141.7 | 131.1 | 120.0 | 108.5 | 96.6 | 85.0 | 73.1 |
| -57.5° | 158.7 | 151.3 | 144.8 | 137.0 | 128.4 | 119.2 | 109.2 | 98.9 | 88.4 | 77.7 | 67.5 |
| -60° | 142.3 | 136.3 | 129.9 | 123.4 | 116.0 | 107.6 | 98.7 | 89.4 | 80.2 | 70.5 | 61.9 |
| -62.5° | 127.3 | 121.9 | 116.5 | 110.6 | 103.8 | 96.3 | 88.3 | 80.3 | 71.9 | 64.1 | 56.1 |
| -65° | 113.1 | 108.7 | 103.6 | 98.0 | 91.8 | 85.3 | 78.4 | 71.2 | 64.4 | 57.6 | 50.4 |
| -67.5° | 99.7 | 95.5 | 90.6 | 85.5 | 80.5 | 75.0 | 68.6 | 62.9 | 57.1 | 51.0 | 44.7 |
| -70° | 86.5 | 82.5 | 78.4 | 74.4 | 70.0 | 64.9 | 59.9 | 54.9 | 49.7 | 44.6 | 38.9 |
| -72.5° | 73.8 | 70.6 | 67.3 | 63.8 | 59.9 | 55.8 | 51.3 | 46.9 | 42.8 | 38.2 | 33.1 |
| -75° | 61.5 | 59.0 | 56.5 | 53.6 | 50.2 | 46.6 | 43.2 | 39.6 | 35.9 | 31.8 | 28.0 |
| -77.5° | 49.6 | 47.7 | 45.7 | 43.6 | 41.0 | 38.2 | 35.3 | 32.2 | 29.3 | 26.3 | 23.2 |
| -80° | 38.4 | 37.2 | 35.8 | 34.2 | 32.1 | 29.8 | 27.7 | 25.6 | 23.3 | 20.9 | 18.3 |
| -82.5° | 28.0 | 27.1 | 26.2 | 25.1 | 23.6 | 22.2 | 20.7 | 19.1 | 17.3 | 15.4 | 13.5 |
| -85° | 18.5 | 17.9 | 17.1 | 16.3 | 15.4 | 14.5 | 13.6 | 12.7 | 11.5 | 10.2 | 9.0 |
| -87.5° | 9.2 | 8.8 | 8.4 | 8.0 | 7.7 | 7.2 | 6.8 | 6.3 | 5.7 | 5.1 | 4.5 |
| -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: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-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° | 3.6 | 3.1 | 2.5 | 1.9 | 1.3 | 0.6 | 0.0 |
| 85° | 7.2 | 6.1 | 4.9 | 3.7 | 2.5 | 1.2 | 0.0 |
| 82.5° | 10.8 | 9.2 | 7.4 | 5.6 | 3.8 | 1.9 | 0.0 |
| 80° | 14.7 | 12.2 | 9.9 | 7.5 | 5.0 | 2.5 | 0.0 |
| 77.5° | 20.9 | 15.9 | 12.3 | 9.3 | 6.3 | 3.1 | 0.0 |
| 75° | 27.0 | 20.8 | 15.0 | 11.1 | 7.5 | 3.7 | 0.0 |
| 72.5° | 33.0 | 25.6 | 18.7 | 12.9 | 8.7 | 4.3 | 0.0 |
| 70° | 39.1 | 30.4 | 22.4 | 14.9 | 9.9 | 4.9 | 0.0 |
| 67.5° | 46.6 | 35.1 | 26.0 | 17.5 | 11.1 | 5.4 | 0.0 |
| 65° | 53.9 | 40.2 | 29.6 | 20.1 | 12.2 | 6.0 | 0.0 |
| 62.5° | 60.9 | 45.9 | 33.0 | 22.6 | 13.3 | 6.6 | 0.0 |
| 60° | 67.7 | 51.3 | 36.3 | 25.1 | 14.4 | 7.1 | 0.0 |
| 57.5° | 75.3 | 56.6 | 40.3 | 27.4 | 16.0 | 7.6 | 0.0 |
| 55° | 82.8 | 61.6 | 44.2 | 29.7 | 17.5 | 8.1 | 0.0 |
| 52.5° | 89.8 | 66.5 | 48.0 | 31.9 | 18.9 | 8.6 | 0.0 |
| 50° | 96.5 | 71.9 | 51.5 | 34.0 | 20.3 | 9.1 | 0.0 |
| 47.5° | 102.8 | 77.0 | 54.9 | 36.2 | 21.6 | 9.6 | 0.0 |
| 45° | 109.4 | 81.7 | 58.0 | 38.5 | 22.9 | 10.0 | 0.0 |
| 42.5° | 115.5 | 86.1 | 61.0 | 40.7 | 24.2 | 10.4 | 0.0 |
| 40° | 121.0 | 90.1 | 64.0 | 42.9 | 25.3 | 10.8 | 0.0 |
| 37.5° | 126.0 | 93.8 | 67.0 | 44.9 | 26.4 | 11.2 | 0.0 |
| 35° | 130.5 | 97.5 | 69.7 | 46.7 | 27.5 | 11.6 | 0.0 |
| 32.5° | 134.7 | 100.9 | 72.2 | 48.5 | 28.5 | 11.9 | 0.0 |
| 30° | 139.3 | 103.9 | 74.4 | 50.1 | 29.4 | 12.2 | 0.0 |
| 27.5° | 143.3 | 106.5 | 76.5 | 51.6 | 30.2 | 12.5 | 0.0 |
| 25° | 146.7 | 108.7 | 78.4 | 52.9 | 31.0 | 12.8 | 0.0 |
| 22.5° | 149.4 | 110.6 | 80.0 | 54.1 | 31.6 | 13.0 | 0.0 |
| 20° | 151.5 | 112.5 | 81.3 | 55.1 | 32.3 | 13.2 | 0.0 |
| 17.5° | 153.5 | 114.0 | 82.4 | 56.0 | 32.8 | 13.4 | 0.0 |
| 15° | 155.0 | 115.2 | 83.2 | 56.8 | 33.3 | 13.6 | 0.0 |
| 12.5° | 155.9 | 116.1 | 83.8 | 57.4 | 33.6 | 13.7 | 0.0 |
| 10° | 156.3 | 116.7 | 84.1 | 57.9 | 34.0 | 13.8 | 0.0 |
| 7.5° | 156.1 | 116.9 | 84.2 | 58.2 | 34.2 | 13.9 | 0.0 |
| 5° | 155.4 | 116.8 | 84.1 | 58.4 | 34.3 | 14.0 | 0.0 |
| 2.5° | 154.3 | 116.4 | 83.8 | 58.5 | 34.4 | 14.0 | 0.0 |
| 0° | 152.6 | 115.7 | 83.3 | 58.4 | 34.4 | 14.0 | 0.0 |
| -2.5° | 150.8 | 114.6 | 82.9 | 58.1 | 34.3 | 14.0 | 0.0 |
| -5° | 148.7 | 113.2 | 82.3 | 57.7 | 34.2 | 14.0 | 0.0 |
| -7.5° | 146.1 | 111.5 | 81.5 | 57.2 | 33.9 | 14.0 | 0.0 |
| -10° | 143.2 | 109.6 | 80.6 | 56.5 | 33.6 | 13.9 | 0.0 |
| -12.5° | 139.9 | 107.5 | 79.4 | 55.8 | 33.2 | 13.8 | 0.0 |
| -15° | 136.3 | 105.1 | 78.1 | 54.8 | 32.8 | 13.7 | 0.0 |
| -17.5° | 132.3 | 102.5 | 76.6 | 53.8 | 32.3 | 13.6 | 0.0 |
| -20° | 128.2 | 99.7 | 74.9 | 52.7 | 31.7 | 13.4 | 0.0 |



REPORT NUMBER: P558578 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 124.1 | 96.8 | 73.1 | 51.4 | 31.1 | 13.2 | 0.0 |
| -25° | 119.8 | 93.9 | 71.1 | 50.1 | 30.3 | 13.0 | 0.0 |
| -27.5° | 115.3 | 90.9 | 68.9 | 48.6 | 29.6 | 12.7 | 0.0 |
| -30° | 110.5 | 87.6 | 66.6 | 47.1 | 28.8 | 12.4 | 0.0 |
| -32.5° | 105.6 | 84.2 | 64.2 | 45.4 | 27.9 | 12.1 | 0.0 |
| -35° | 101.0 | 80.6 | 61.7 | 43.7 | 27.0 | 11.8 | 0.0 |
| -37.5° | 96.4 | 77.0 | 59.1 | 41.9 | 26.0 | 11.5 | 0.0 |
| -40° | 91.6 | 73.5 | 56.3 | 40.0 | 24.9 | 11.1 | 0.0 |
| -42.5° | 86.7 | 69.9 | 53.6 | 38.0 | 23.9 | 10.7 | 0.0 |
| -45° | 81.7 | 66.2 | 50.9 | 35.9 | 22.8 | 10.3 | 0.0 |
| -47.5° | 76.5 | 62.4 | 48.1 | 33.8 | 21.6 | 9.8 | 0.0 |
| -50° | 71.8 | 58.5 | 45.2 | 32.0 | 20.4 | 9.4 | 0.0 |
| -52.5° | 67.0 | 54.6 | 42.2 | 30.1 | 19.2 | 8.9 | 0.0 |
| -55° | 62.2 | 50.7 | 39.1 | 28.2 | 17.9 | 8.4 | 0.0 |
| -57.5° | 57.4 | 46.8 | 35.9 | 26.2 | 16.6 | 7.9 | 0.0 |
| -60° | 52.4 | 42.8 | 32.7 | 24.2 | 15.3 | 7.3 | 0.0 |
| -62.5° | 47.6 | 38.7 | 30.0 | 22.2 | 14.1 | 6.8 | 0.0 |
| -65° | 42.7 | 34.5 | 27.3 | 20.1 | 13.0 | 6.2 | 0.0 |
| -67.5° | 37.7 | 30.7 | 24.4 | 18.0 | 11.8 | 5.6 | 0.0 |
| -70° | 32.7 | 27.2 | 21.6 | 15.8 | 10.5 | 5.0 | 0.0 |
| -72.5° | 28.4 | 23.6 | 18.7 | 13.8 | 9.3 | 4.4 | 0.0 |
| -75° | 24.1 | 20.0 | 15.8 | 11.9 | 8.0 | 3.8 | 0.0 |
| -77.5° | 19.8 | 16.4 | 13.1 | 10.0 | 6.7 | 3.2 | 0.0 |
| -80° | 15.5 | 13.0 | 10.5 | 8.0 | 5.4 | 2.6 | 0.0 |
| -82.5° | 11.6 | 9.8 | 7.9 | 6.0 | 4.0 | 1.9 | 0.0 |
| -85° | 7.8 | 6.5 | 5.3 | 4.0 | 2.7 | 1.3 | 0.0 |
| -87.5° | 3.9 | 3.3 | 2.6 | 2.0 | 1.4 | 0.6 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)