

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



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: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4C-740-U-WR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N101  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

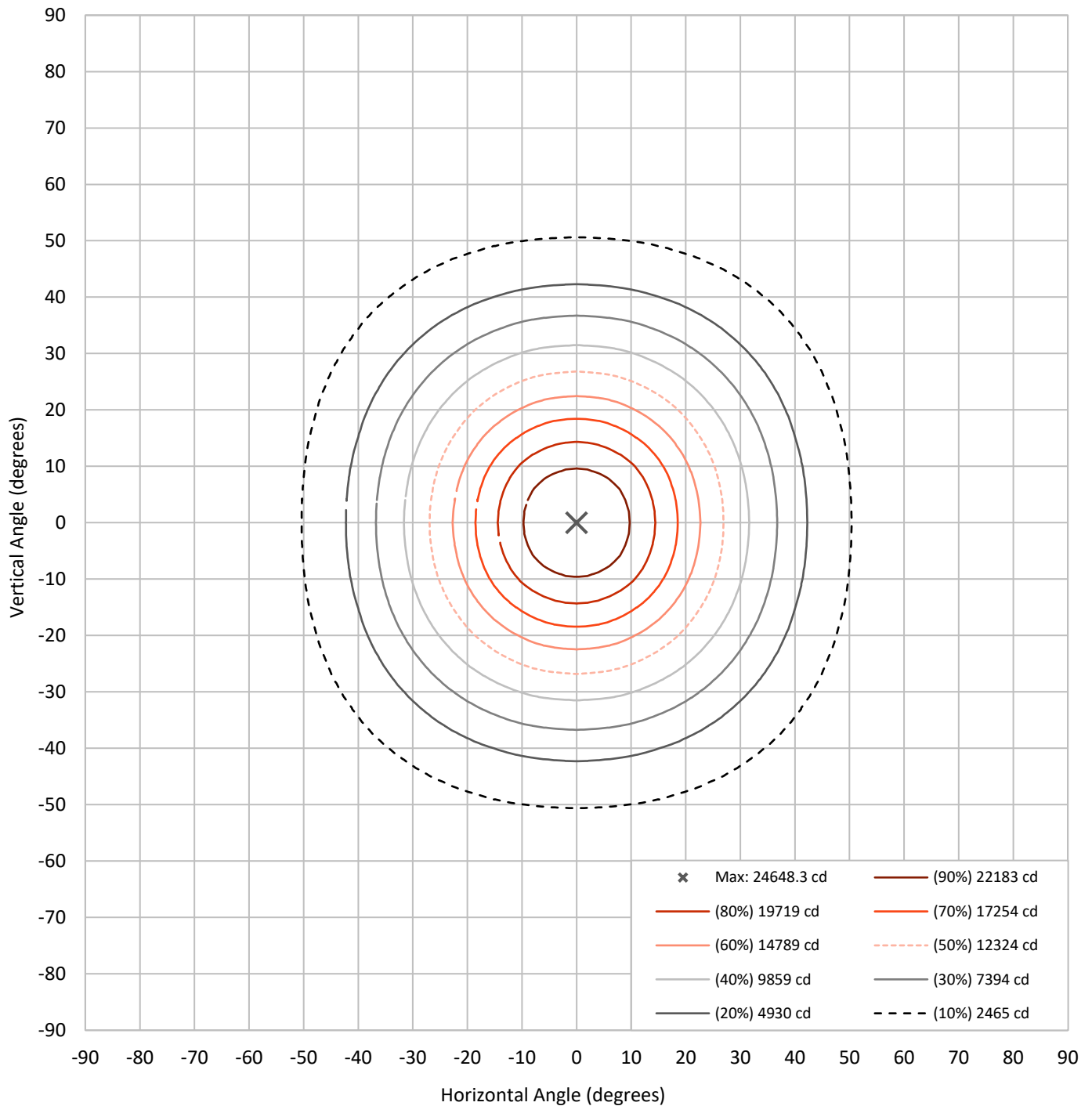
**Summary**

|                                   |                                    |                      |                   |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                | NEMA Type:           | 6H x 6V           |
| Luminaire Lumens:                 | 25086.2 lumens                     | Max Intensity:       | 24648.3 candela   |
| Efficiency:                       | N/A                                | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 149.1 lumens/watt                  |                      |                   |
| Luminous Opening:                 | Rectangular (W 1' x L: 1' x H: 0') |                      |                   |
| Beam Angle (50%):                 | 53.8°H x 53.6°V                    | Field Angle (10%):   | 100.8°H x 101.2°V |
| Beam Lumens:                      | 11994.7 lumens                     | Field Lumens:        | 22139.5 lumens    |
| Beam Efficiency:                  | 47.8%                              | Field Efficiency:    | 88.3%             |
| Input Watts (W):                  | 168.2                              |                      |                   |
| 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





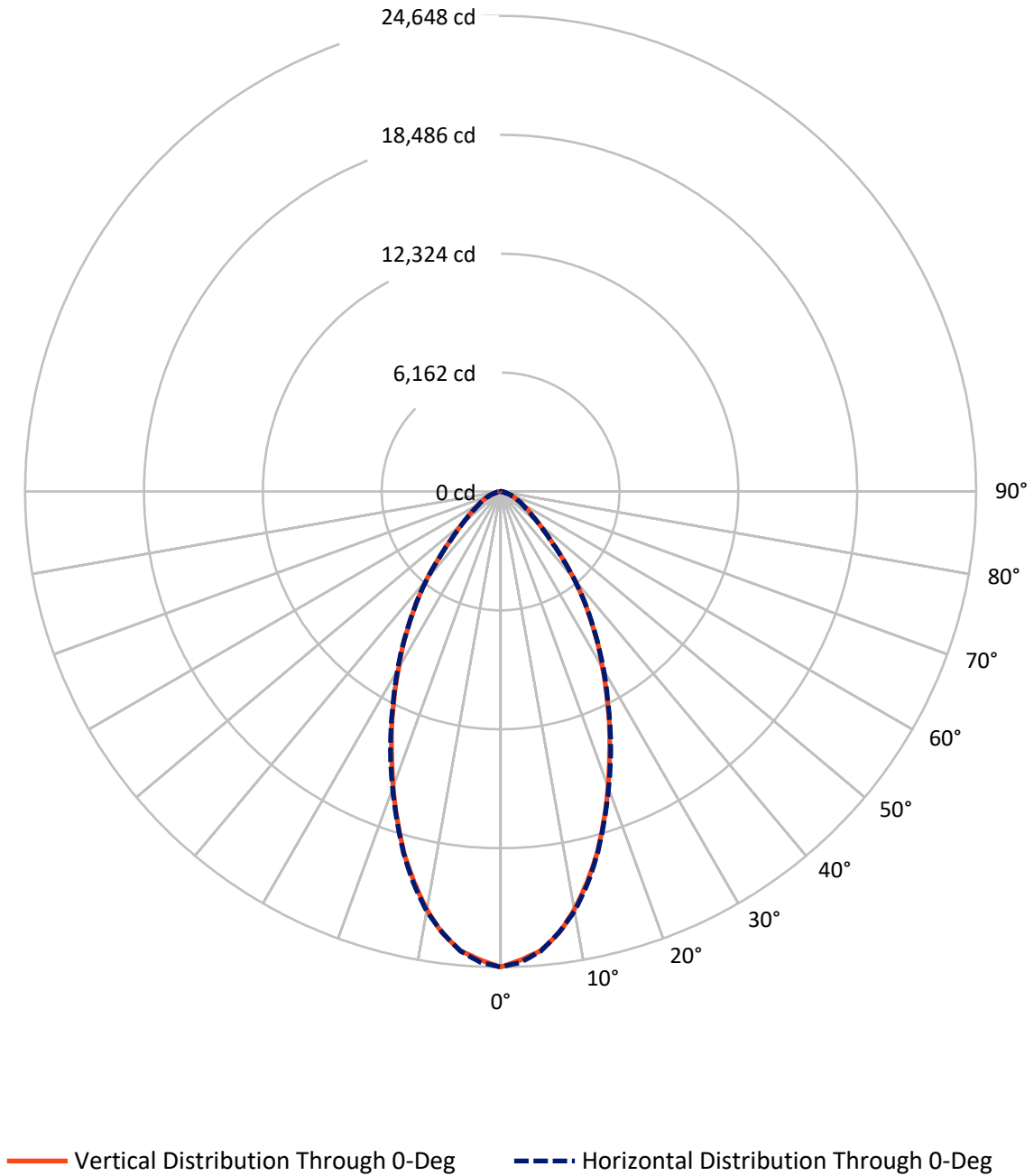
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### Lumen Table

|     |     |      |      |      |       |       |       |       |       |       |       |       |      |      |      |     |    |    |    |
|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-----|----|----|----|
| 90  |     |      |      |      |       |       |       |       |       |       |       |       |      |      |      |     |    |    |    |
| 80  | 1.0 | 6.9  |      | 15.8 |       | 26.3  |       | 22.5  |       | 26.3  |       | 15.8  |      | 6.9  |      | 1.0 |    |    |    |
| 70  |     |      |      |      |       |       |       |       |       |       |       |       |      |      |      |     |    |    |    |
| 60  | 3.3 | 3.8  | 7.2  | 11.5 | 16.7  | 21.7  | 25.5  | 27.3  | 27.3  | 25.5  | 21.7  | 16.7  | 11.5 | 7.2  | 3.8  | 3.3 |    |    |    |
| 50  |     | 5.4  | 10.9 | 18.8 | 28.9  | 39.7  | 49.6  | 55.2  | 55.2  | 49.6  | 39.7  | 28.9  | 18.8 | 10.9 | 5.4  |     |    |    |    |
| 40  | 4.8 | 6.9  | 15.0 | 28.1 | 47.4  | 72.8  | 100.4 | 118.8 | 118.8 | 100.4 | 72.8  | 47.4  | 28.1 | 15.0 | 6.9  | 4.8 |    |    |    |
| 30  |     | 8.4  | 19.7 | 40.8 | 79.5  | 141.2 | 205.1 | 243.3 | 243.3 | 205.1 | 141.2 | 79.5  | 40.8 | 19.7 | 8.4  |     |    |    |    |
| 20  | 5.7 | 9.8  | 24.5 | 57.2 | 128.5 | 231.0 | 330.6 | 395.2 | 395.2 | 330.6 | 231.0 | 128.5 | 57.2 | 24.5 | 9.8  | 5.7 |    |    |    |
| 10  |     | 10.9 | 28.8 | 74.1 | 175.4 | 312.0 | 460.6 | 566.7 | 566.7 | 460.6 | 312.0 | 175.4 | 74.1 | 28.8 | 10.9 |     |    |    |    |
| 0   | 6.0 | 11.5 | 31.2 | 85.2 | 202.0 | 362.7 | 552.0 | 694.1 | 694.1 | 552.0 | 362.7 | 202.0 | 85.2 | 31.2 | 11.5 | 6.0 |    |    |    |
| -10 |     | 11.5 | 31.2 | 85.2 | 202.0 | 362.7 | 552.0 | 694.1 | 694.1 | 552.0 | 362.7 | 202.0 | 85.2 | 31.2 | 11.5 |     |    |    |    |
| -20 | 5.7 | 10.9 | 28.8 | 74.1 | 175.4 | 312.0 | 460.6 | 566.7 | 566.7 | 460.6 | 312.0 | 175.4 | 74.1 | 28.8 | 10.9 | 5.7 |    |    |    |
| -30 |     | 9.8  | 24.5 | 57.2 | 128.5 | 231.0 | 330.6 | 395.2 | 395.2 | 330.6 | 231.0 | 128.5 | 57.2 | 24.5 | 9.8  |     |    |    |    |
| -40 | 4.8 | 8.4  | 19.7 | 40.8 | 79.5  | 141.2 | 205.1 | 243.3 | 243.3 | 205.1 | 141.2 | 79.5  | 40.8 | 19.7 | 8.4  | 4.8 |    |    |    |
| -50 |     | 6.9  | 15.0 | 28.1 | 47.4  | 72.8  | 100.4 | 118.8 | 118.8 | 100.4 | 72.8  | 47.4  | 28.1 | 15.0 | 6.9  |     |    |    |    |
| -60 | 3.3 | 5.4  | 10.9 | 18.8 | 28.9  | 39.7  | 49.6  | 55.2  | 55.2  | 49.6  | 39.7  | 28.9  | 18.8 | 10.9 | 5.4  | 3.3 |    |    |    |
| -70 |     | 3.8  | 7.2  | 11.5 | 16.7  | 21.7  | 25.5  | 27.3  | 27.3  | 25.5  | 21.7  | 16.7  | 11.5 | 7.2  | 3.8  |     |    |    |    |
| -80 |     |      |      |      |       |       |       |       |       |       |       |       |      |      |      |     |    |    |    |
| -90 | 1.0 | 6.9  |      | 15.8 |       | 26.3  |       | 22.5  |       | 26.3  |       | 15.8  |      | 6.9  |      | 1.0 |    |    |    |
|     | -90 | -80  | -70  | -60  | -50   | -40   | -30   | -20   | -10   | 0     | 10    | 20    | 30   | 40   | 50   | 60  | 70 | 80 | 90 |

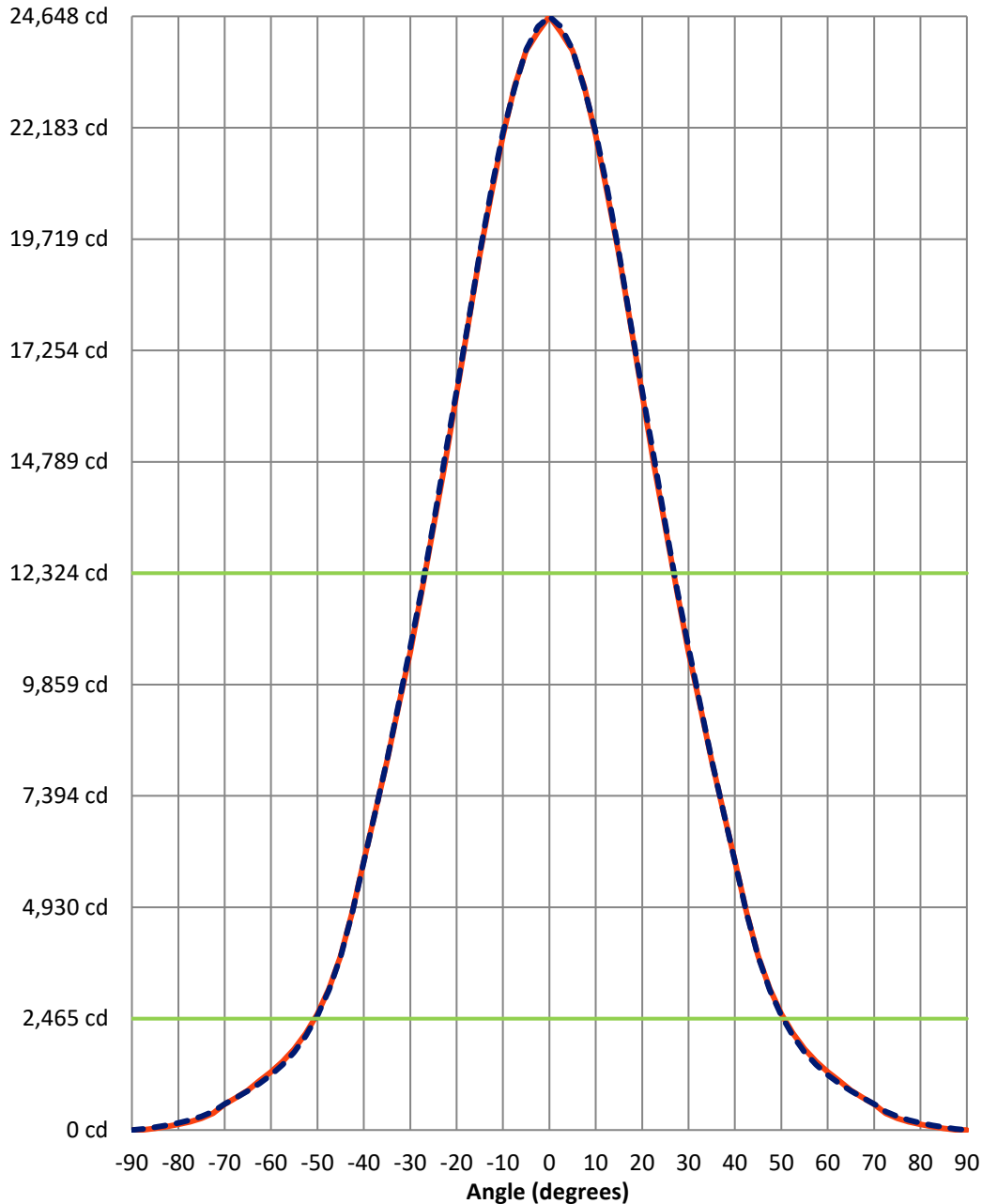
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CATALOG NUMBER: GFLD-SA4C-740-U-WR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 53.8°  
V Angle: 53.6°  
Lumens: 11994.7  
Efficiency: 47.8%

**Field:**  
H Angle: 100.8°  
V Angle: 101.2°  
Lumens: 22139.5  
Efficiency: 88.3%

**Spill:**  
Lumens: 2946.8  
Efficiency: 11.7%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -87.5° | -85° | -82.5° | -80°  | -77.5° | -75°  | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| 90°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 87.5°  | 0.0  | 1.3    | 2.9  | 4.7    | 6.8   | 9.1    | 11.7  | 13.0   | 14.0  | 14.8   | 15.5  |
| 85°    | 0.0  | 2.5    | 5.8  | 9.4    | 13.6  | 18.2   | 23.4  | 25.9   | 28.0  | 29.7   | 31.0  |
| 82.5°  | 0.0  | 3.7    | 8.6  | 14.1   | 20.3  | 27.3   | 35.0  | 38.9   | 42.9  | 49.7   | 55.7  |
| 80°    | 0.0  | 5.0    | 11.4 | 18.7   | 27.0  | 36.2   | 47.5  | 59.0   | 69.0  | 78.0   | 85.9  |
| 77.5°  | 0.0  | 6.2    | 14.2 | 23.3   | 33.5  | 47.1   | 67.8  | 82.7   | 95.2  | 106.3  | 117.4 |
| 75°    | 0.0  | 7.4    | 17.0 | 27.8   | 40.6  | 61.6   | 87.5  | 106.3  | 121.3 | 136.4  | 152.7 |
| 72.5°  | 0.0  | 8.6    | 19.6 | 32.1   | 50.3  | 75.6   | 106.6 | 129.5  | 147.5 | 166.8  | 187.4 |
| 70°    | 0.0  | 9.7    | 22.3 | 36.7   | 59.7  | 89.1   | 124.7 | 151.4  | 173.3 | 196.7  | 224.3 |
| 67.5°  | 0.0  | 10.9   | 24.8 | 42.5   | 68.6  | 102.0  | 140.5 | 172.8  | 198.5 | 227.6  | 260.6 |
| 65°    | 0.0  | 12.0   | 27.3 | 47.9   | 77.1  | 113.8  | 155.4 | 193.7  | 223.4 | 257.4  | 295.1 |
| 62.5°  | 0.0  | 13.0   | 29.6 | 53.1   | 85.2  | 124.6  | 169.5 | 213.6  | 247.3 | 285.9  | 327.1 |
| 60°    | 0.0  | 14.1   | 31.9 | 58.0   | 92.7  | 134.8  | 182.7 | 232.4  | 270.1 | 313.5  | 358.2 |
| 57.5°  | 0.0  | 15.1   | 34.7 | 62.5   | 99.6  | 144.2  | 194.7 | 249.4  | 293.2 | 340.2  | 386.8 |
| 55°    | 0.0  | 16.0   | 37.3 | 66.7   | 106.1 | 152.9  | 205.7 | 262.9  | 315.8 | 365.8  | 414.2 |
| 52.5°  | 0.0  | 17.0   | 39.9 | 70.6   | 112.1 | 160.9  | 215.8 | 277.6  | 337.5 | 390.2  | 441.0 |
| 50°    | 0.0  | 17.8   | 42.4 | 74.1   | 117.5 | 168.3  | 225.0 | 291.5  | 358.4 | 413.9  | 470.4 |
| 47.5°  | 0.0  | 18.6   | 44.7 | 77.2   | 122.3 | 174.9  | 233.5 | 304.1  | 379.0 | 437.0  | 499.2 |
| 45°    | 0.0  | 19.4   | 46.9 | 80.4   | 126.6 | 180.7  | 243.0 | 315.4  | 393.8 | 462.0  | 527.1 |
| 42.5°  | 0.0  | 20.2   | 49.0 | 83.2   | 130.3 | 185.8  | 251.6 | 326.5  | 407.3 | 486.1  | 556.0 |
| 40°    | 0.0  | 20.8   | 51.0 | 86.2   | 133.6 | 190.1  | 259.1 | 337.2  | 420.7 | 508.6  | 583.9 |
| 37.5°  | 0.0  | 21.5   | 52.8 | 89.3   | 136.5 | 193.6  | 265.4 | 346.9  | 435.4 | 526.3  | 610.4 |
| 35°    | 0.0  | 22.0   | 54.5 | 92.2   | 138.9 | 197.6  | 270.8 | 355.6  | 449.5 | 545.7  | 637.6 |
| 32.5°  | 0.0  | 22.5   | 56.0 | 94.8   | 140.8 | 201.3  | 275.6 | 363.2  | 462.9 | 565.4  | 665.3 |
| 30°    | 0.0  | 23.0   | 57.4 | 97.1   | 142.1 | 204.3  | 281.1 | 370.6  | 475.5 | 585.4  | 691.4 |
| 27.5°  | 0.0  | 23.4   | 58.7 | 99.2   | 145.1 | 206.3  | 285.5 | 379.8  | 488.7 | 605.4  | 715.9 |
| 25°    | 0.0  | 23.8   | 59.8 | 101.0  | 148.0 | 207.6  | 288.9 | 388.0  | 503.5 | 625.0  | 738.8 |
| 22.5°  | 0.0  | 24.1   | 60.8 | 102.5  | 150.6 | 209.2  | 291.4 | 395.2  | 517.6 | 643.0  | 763.8 |
| 20°    | 0.0  | 24.3   | 61.6 | 103.8  | 152.8 | 213.0  | 292.8 | 401.3  | 530.9 | 659.2  | 786.2 |
| 17.5°  | 0.0  | 24.5   | 62.3 | 104.8  | 154.6 | 216.1  | 296.1 | 406.3  | 543.1 | 673.5  | 805.9 |
| 15°    | 0.0  | 24.7   | 62.8 | 105.5  | 156.1 | 218.6  | 300.0 | 410.9  | 554.0 | 685.8  | 822.8 |
| 12.5°  | 0.0  | 24.7   | 63.1 | 106.0  | 157.2 | 220.3  | 302.9 | 415.1  | 563.4 | 696.0  | 836.9 |
| 10°    | 0.0  | 24.8   | 63.4 | 106.2  | 157.9 | 221.5  | 304.6 | 417.5  | 570.6 | 704.6  | 848.3 |
| 7.5°   | 0.0  | 24.8   | 63.4 | 106.2  | 158.2 | 221.9  | 305.4 | 418.0  | 575.7 | 711.2  | 857.1 |
| 5°     | 0.0  | 24.7   | 63.3 | 105.9  | 158.1 | 221.7  | 305.0 | 416.7  | 578.4 | 715.7  | 863.0 |
| 2.5°   | 0.0  | 24.6   | 63.1 | 105.3  | 157.7 | 220.9  | 303.7 | 413.9  | 578.8 | 717.9  | 865.9 |
| 0°     | 0.0  | 24.4   | 62.7 | 104.5  | 156.8 | 219.5  | 301.4 | 409.4  | 576.6 | 717.7  | 865.8 |
| -2.5°  | 0.0  | 24.6   | 63.1 | 105.3  | 157.7 | 220.9  | 303.7 | 413.9  | 578.8 | 717.9  | 865.9 |
| -5°    | 0.0  | 24.7   | 63.3 | 105.9  | 158.1 | 221.7  | 305.0 | 416.7  | 578.4 | 715.7  | 863.0 |
| -7.5°  | 0.0  | 24.8   | 63.4 | 106.2  | 158.2 | 221.9  | 305.4 | 418.0  | 575.7 | 711.2  | 857.1 |
| -10°   | 0.0  | 24.8   | 63.4 | 106.2  | 157.9 | 221.5  | 304.6 | 417.5  | 570.6 | 704.6  | 848.3 |
| -12.5° | 0.0  | 24.7   | 63.1 | 106.0  | 157.2 | 220.3  | 302.9 | 415.1  | 563.4 | 696.0  | 836.9 |
| -15°   | 0.0  | 24.7   | 62.8 | 105.5  | 156.1 | 218.6  | 300.0 | 410.9  | 554.0 | 685.8  | 822.8 |
| -17.5° | 0.0  | 24.5   | 62.3 | 104.8  | 154.6 | 216.1  | 296.1 | 406.3  | 543.1 | 673.5  | 805.9 |
| -20°   | 0.0  | 24.3   | 61.6 | 103.8  | 152.8 | 213.0  | 292.8 | 401.3  | 530.9 | 659.2  | 786.2 |

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CATALOG NUMBER: GFLD-SA4C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80°  | -77.5° | -75°  | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0  | 24.1   | 60.8 | 102.5  | 150.6 | 209.2  | 291.4 | 395.2  | 517.6 | 643.0  | 763.8 |
| -25°   | 0.0  | 23.8   | 59.8 | 101.0  | 148.0 | 207.6  | 288.9 | 388.0  | 503.5 | 625.0  | 738.8 |
| -27.5° | 0.0  | 23.4   | 58.7 | 99.2   | 145.1 | 206.3  | 285.5 | 379.8  | 488.7 | 605.4  | 715.9 |
| -30°   | 0.0  | 23.0   | 57.4 | 97.1   | 142.1 | 204.3  | 281.1 | 370.6  | 475.5 | 585.4  | 691.4 |
| -32.5° | 0.0  | 22.5   | 56.0 | 94.8   | 140.8 | 201.3  | 275.6 | 363.2  | 462.9 | 565.4  | 665.3 |
| -35°   | 0.0  | 22.0   | 54.5 | 92.2   | 138.9 | 197.6  | 270.8 | 355.6  | 449.5 | 545.7  | 637.6 |
| -37.5° | 0.0  | 21.5   | 52.8 | 89.3   | 136.5 | 193.6  | 265.4 | 346.9  | 435.4 | 526.3  | 610.4 |
| -40°   | 0.0  | 20.8   | 51.0 | 86.2   | 133.6 | 190.1  | 259.1 | 337.2  | 420.7 | 508.6  | 583.9 |
| -42.5° | 0.0  | 20.2   | 49.0 | 83.2   | 130.3 | 185.8  | 251.6 | 326.5  | 407.3 | 486.1  | 556.0 |
| -45°   | 0.0  | 19.4   | 46.9 | 80.4   | 126.6 | 180.7  | 243.0 | 315.4  | 393.8 | 462.0  | 527.1 |
| -47.5° | 0.0  | 18.6   | 44.7 | 77.2   | 122.3 | 174.9  | 233.5 | 304.1  | 379.0 | 437.0  | 499.2 |
| -50°   | 0.0  | 17.8   | 42.4 | 74.1   | 117.5 | 168.3  | 225.0 | 291.5  | 358.4 | 413.9  | 470.4 |
| -52.5° | 0.0  | 17.0   | 39.9 | 70.6   | 112.1 | 160.9  | 215.8 | 277.6  | 337.5 | 390.2  | 441.0 |
| -55°   | 0.0  | 16.0   | 37.3 | 66.7   | 106.1 | 152.9  | 205.7 | 262.9  | 315.8 | 365.8  | 414.2 |
| -57.5° | 0.0  | 15.1   | 34.7 | 62.5   | 99.6  | 144.2  | 194.7 | 249.4  | 293.2 | 340.2  | 386.8 |
| -60°   | 0.0  | 14.1   | 31.9 | 58.0   | 92.7  | 134.8  | 182.7 | 232.4  | 270.1 | 313.5  | 358.2 |
| -62.5° | 0.0  | 13.0   | 29.6 | 53.1   | 85.2  | 124.6  | 169.5 | 213.6  | 247.3 | 285.9  | 327.1 |
| -65°   | 0.0  | 12.0   | 27.3 | 47.9   | 77.1  | 113.8  | 155.4 | 193.7  | 223.4 | 257.4  | 295.1 |
| -67.5° | 0.0  | 10.9   | 24.8 | 42.5   | 68.6  | 102.0  | 140.5 | 172.8  | 198.5 | 227.6  | 260.6 |
| -70°   | 0.0  | 9.7    | 22.3 | 36.7   | 59.7  | 89.1   | 124.7 | 151.4  | 173.3 | 196.7  | 224.3 |
| -72.5° | 0.0  | 8.6    | 19.6 | 32.1   | 50.3  | 75.6   | 106.6 | 129.5  | 147.5 | 166.8  | 187.4 |
| -75°   | 0.0  | 7.4    | 17.0 | 27.8   | 40.6  | 61.6   | 87.5  | 106.3  | 121.3 | 136.4  | 152.7 |
| -77.5° | 0.0  | 6.2    | 14.2 | 23.3   | 33.5  | 47.1   | 67.8  | 82.7   | 95.2  | 106.3  | 117.4 |
| -80°   | 0.0  | 5.0    | 11.4 | 18.7   | 27.0  | 36.2   | 47.5  | 59.0   | 69.0  | 78.0   | 85.9  |
| -82.5° | 0.0  | 3.7    | 8.6  | 14.1   | 20.3  | 27.3   | 35.0  | 38.9   | 42.9  | 49.7   | 55.7  |
| -85°   | 0.0  | 2.5    | 5.8  | 9.4    | 13.6  | 18.2   | 23.4  | 25.9   | 28.0  | 29.7   | 31.0  |
| -87.5° | 0.0  | 1.3    | 2.9  | 4.7    | 6.8   | 9.1    | 11.7  | 13.0   | 14.0  | 14.8   | 15.5  |
| -90°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |





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CATALOG NUMBER: GFLD-SA4C-740-U-WR-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°  | 15.7   | 15.7   | 15.4   | 15.0   | 14.3   | 13.4   | 12.4   | 11.1   | 11.6   | 12.0   | 12.5   |
| 85°    | 31.4   | 31.4   | 34.0   | 36.4   | 37.5   | 37.7   | 36.9   | 35.3   | 39.9   | 45.2   | 50.8   |
| 82.5°  | 61.3   | 66.6   | 71.7   | 76.4   | 76.9   | 75.6   | 73.3   | 70.6   | 79.9   | 91.2   | 102.9  |
| 80°    | 94.0   | 101.8  | 110.9  | 119.3  | 121.3  | 120.4  | 117.8  | 113.5  | 125.8  | 143.2  | 161.9  |
| 77.5°  | 130.5  | 142.9  | 154.5  | 165.2  | 168.2  | 167.8  | 165.8  | 162.4  | 178.0  | 202.1  | 227.1  |
| 75°    | 168.9  | 184.0  | 198.9  | 212.0  | 217.7  | 218.1  | 217.5  | 221.2  | 241.7  | 269.9  | 294.8  |
| 72.5°  | 209.0  | 228.2  | 245.0  | 259.5  | 268.5  | 275.4  | 284.5  | 295.7  | 316.5  | 344.2  | 368.5  |
| 70°    | 251.4  | 272.7  | 290.5  | 306.5  | 320.3  | 335.3  | 354.7  | 373.8  | 395.7  | 423.3  | 448.6  |
| 67.5°  | 293.2  | 314.8  | 334.9  | 354.6  | 379.8  | 403.9  | 427.9  | 452.9  | 480.4  | 509.4  | 535.0  |
| 65°    | 332.0  | 356.4  | 380.9  | 409.5  | 442.3  | 469.6  | 499.1  | 531.6  | 567.8  | 600.4  | 630.1  |
| 62.5°  | 369.2  | 396.7  | 427.0  | 461.6  | 497.0  | 531.3  | 570.9  | 612.7  | 654.9  | 695.9  | 736.4  |
| 60°    | 400.6  | 434.8  | 471.6  | 510.7  | 551.6  | 598.2  | 644.7  | 694.4  | 744.9  | 794.1  | 844.4  |
| 57.5°  | 430.7  | 473.2  | 515.5  | 561.1  | 612.0  | 665.3  | 721.2  | 777.1  | 837.4  | 897.1  | 954.1  |
| 55°    | 462.1  | 512.1  | 560.3  | 614.2  | 672.6  | 735.2  | 798.3  | 866.1  | 932.8  | 1007.9 | 1077.2 |
| 52.5°  | 495.6  | 550.0  | 606.6  | 668.3  | 736.6  | 807.1  | 881.1  | 958.9  | 1041.9 | 1125.3 | 1210.0 |
| 50°    | 528.3  | 589.5  | 652.6  | 726.4  | 802.8  | 883.3  | 968.8  | 1059.4 | 1156.0 | 1252.6 | 1355.1 |
| 47.5°  | 562.4  | 627.8  | 704.9  | 785.0  | 872.5  | 964.2  | 1061.0 | 1168.7 | 1276.0 | 1397.7 | 1515.2 |
| 45°    | 596.1  | 671.3  | 754.9  | 848.1  | 944.1  | 1047.4 | 1162.4 | 1280.8 | 1417.8 | 1555.2 | 1709.6 |
| 42.5°  | 628.4  | 715.2  | 809.5  | 909.1  | 1018.3 | 1137.0 | 1264.4 | 1413.2 | 1567.7 | 1737.8 | 1919.0 |
| 40°    | 665.6  | 757.1  | 863.4  | 974.7  | 1093.1 | 1228.7 | 1382.0 | 1547.2 | 1735.7 | 1937.2 | 2143.1 |
| 37.5°  | 701.6  | 804.4  | 916.4  | 1037.2 | 1174.6 | 1327.4 | 1496.6 | 1699.2 | 1916.6 | 2145.8 | 2425.8 |
| 35°    | 735.4  | 849.4  | 971.2  | 1103.4 | 1252.2 | 1429.3 | 1631.7 | 1855.5 | 2106.1 | 2401.6 | 2728.4 |
| 32.5°  | 771.3  | 892.0  | 1022.8 | 1171.2 | 1339.7 | 1533.1 | 1763.0 | 2026.4 | 2323.0 | 2659.5 | 3068.4 |
| 30°    | 807.5  | 935.9  | 1074.1 | 1234.7 | 1422.1 | 1646.0 | 1907.2 | 2198.3 | 2539.4 | 2961.5 | 3441.6 |
| 27.5°  | 840.9  | 976.9  | 1128.3 | 1301.9 | 1502.3 | 1750.1 | 2045.7 | 2386.9 | 2788.9 | 3265.9 | 3826.6 |
| 25°    | 871.6  | 1014.2 | 1178.1 | 1366.0 | 1590.7 | 1862.4 | 2183.0 | 2560.9 | 3038.5 | 3607.2 | 4297.1 |
| 22.5°  | 900.9  | 1048.3 | 1223.1 | 1423.6 | 1670.3 | 1971.2 | 2331.9 | 2764.4 | 3292.3 | 3930.6 | 4757.9 |
| 20°    | 928.4  | 1085.0 | 1267.8 | 1478.7 | 1741.5 | 2069.4 | 2468.9 | 2954.4 | 3555.1 | 4310.8 | 5209.8 |
| 17.5°  | 952.5  | 1117.5 | 1310.1 | 1538.3 | 1820.8 | 2169.2 | 2598.1 | 3122.1 | 3789.1 | 4650.2 | 5626.8 |
| 15°    | 973.3  | 1145.4 | 1346.7 | 1589.9 | 1892.2 | 2268.3 | 2733.7 | 3306.0 | 4033.1 | 4959.0 | 5993.0 |
| 12.5°  | 990.6  | 1168.9 | 1377.5 | 1633.3 | 1952.2 | 2352.2 | 2849.5 | 3469.9 | 4270.8 | 5249.8 | 6314.4 |
| 10°    | 1004.3 | 1187.6 | 1402.2 | 1668.3 | 2000.6 | 2420.3 | 2944.9 | 3604.0 | 4468.6 | 5499.0 | 6586.4 |
| 7.5°   | 1015.8 | 1202.3 | 1421.2 | 1694.9 | 2037.2 | 2472.3 | 3019.1 | 3707.5 | 4623.2 | 5696.4 | 6795.0 |
| 5°     | 1024.0 | 1212.8 | 1435.6 | 1713.5 | 2064.0 | 2508.5 | 3071.1 | 3779.9 | 4733.1 | 5839.4 | 6937.7 |
| 2.5°   | 1028.6 | 1218.5 | 1443.9 | 1723.4 | 2080.5 | 2529.1 | 3098.4 | 3825.3 | 4793.6 | 5921.0 | 7023.9 |
| 0°     | 1029.6 | 1219.4 | 1445.9 | 1724.6 | 2085.2 | 2532.9 | 3102.6 | 3839.5 | 4806.3 | 5942.2 | 7055.3 |
| -2.5°  | 1028.6 | 1218.5 | 1443.9 | 1723.4 | 2080.5 | 2529.1 | 3098.4 | 3825.3 | 4793.6 | 5921.0 | 7023.9 |
| -5°    | 1024.0 | 1212.8 | 1435.6 | 1713.5 | 2064.0 | 2508.5 | 3071.1 | 3779.9 | 4733.1 | 5839.4 | 6937.7 |
| -7.5°  | 1015.8 | 1202.3 | 1421.2 | 1694.9 | 2037.2 | 2472.3 | 3019.1 | 3707.5 | 4623.2 | 5696.4 | 6795.0 |
| -10°   | 1004.3 | 1187.6 | 1402.2 | 1668.3 | 2000.6 | 2420.3 | 2944.9 | 3604.0 | 4468.6 | 5499.0 | 6586.4 |
| -12.5° | 990.6  | 1168.9 | 1377.5 | 1633.3 | 1952.2 | 2352.2 | 2849.5 | 3469.9 | 4270.8 | 5249.8 | 6314.4 |
| -15°   | 973.3  | 1145.4 | 1346.7 | 1589.9 | 1892.2 | 2268.3 | 2733.7 | 3306.0 | 4033.1 | 4959.0 | 5993.0 |
| -17.5° | 952.5  | 1117.5 | 1310.1 | 1538.3 | 1820.8 | 2169.2 | 2598.1 | 3122.1 | 3789.1 | 4650.2 | 5626.8 |
| -20°   | 928.4  | 1085.0 | 1267.8 | 1478.7 | 1741.5 | 2069.4 | 2468.9 | 2954.4 | 3555.1 | 4310.8 | 5209.8 |



REPORT NUMBER: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°   | -57.5° | -55°   | -52.5° | -50°   | -47.5° | -45°   | -42.5° | -40°   | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 900.9  | 1048.3 | 1223.1 | 1423.6 | 1670.3 | 1971.2 | 2331.9 | 2764.4 | 3292.3 | 3930.6 | 4757.9 |
| -25°   | 871.6  | 1014.2 | 1178.1 | 1366.0 | 1590.7 | 1862.4 | 2183.0 | 2560.9 | 3038.5 | 3607.2 | 4297.1 |
| -27.5° | 840.9  | 976.9  | 1128.3 | 1301.9 | 1502.3 | 1750.1 | 2045.7 | 2386.9 | 2788.9 | 3265.9 | 3826.6 |
| -30°   | 807.5  | 935.9  | 1074.1 | 1234.7 | 1422.1 | 1646.0 | 1907.2 | 2198.3 | 2539.4 | 2961.5 | 3441.6 |
| -32.5° | 771.3  | 892.0  | 1022.8 | 1171.2 | 1339.7 | 1533.1 | 1763.0 | 2026.4 | 2323.0 | 2659.5 | 3068.4 |
| -35°   | 735.4  | 849.4  | 971.2  | 1103.4 | 1252.2 | 1429.3 | 1631.7 | 1855.5 | 2106.1 | 2401.6 | 2728.4 |
| -37.5° | 701.6  | 804.4  | 916.4  | 1037.2 | 1174.6 | 1327.4 | 1496.6 | 1699.2 | 1916.6 | 2145.8 | 2425.8 |
| -40°   | 665.6  | 757.1  | 863.4  | 974.7  | 1093.1 | 1228.7 | 1382.0 | 1547.2 | 1735.7 | 1937.2 | 2143.1 |
| -42.5° | 628.4  | 715.2  | 809.5  | 909.1  | 1018.3 | 1137.0 | 1264.4 | 1413.2 | 1567.7 | 1737.8 | 1919.0 |
| -45°   | 596.1  | 671.3  | 754.9  | 848.1  | 944.1  | 1047.4 | 1162.4 | 1280.8 | 1417.8 | 1555.2 | 1709.6 |
| -47.5° | 562.4  | 627.8  | 704.9  | 785.0  | 872.5  | 964.2  | 1061.0 | 1168.7 | 1276.0 | 1397.7 | 1515.2 |
| -50°   | 528.3  | 589.5  | 652.6  | 726.4  | 802.8  | 883.3  | 968.8  | 1059.4 | 1156.0 | 1252.6 | 1355.1 |
| -52.5° | 495.6  | 550.0  | 606.6  | 668.3  | 736.6  | 807.1  | 881.1  | 958.9  | 1041.9 | 1125.3 | 1210.0 |
| -55°   | 462.1  | 512.1  | 560.3  | 614.2  | 672.6  | 735.2  | 798.3  | 866.1  | 932.8  | 1007.9 | 1077.2 |
| -57.5° | 430.7  | 473.2  | 515.5  | 561.1  | 612.0  | 665.3  | 721.2  | 777.1  | 837.4  | 897.1  | 954.1  |
| -60°   | 400.6  | 434.8  | 471.6  | 510.7  | 551.6  | 598.2  | 644.7  | 694.4  | 744.9  | 794.1  | 844.4  |
| -62.5° | 369.2  | 396.7  | 427.0  | 461.6  | 497.0  | 531.3  | 570.9  | 612.7  | 654.9  | 695.9  | 736.4  |
| -65°   | 332.0  | 356.4  | 380.9  | 409.5  | 442.3  | 469.6  | 499.1  | 531.6  | 567.8  | 600.4  | 630.1  |
| -67.5° | 293.2  | 314.8  | 334.9  | 354.6  | 379.8  | 403.9  | 427.9  | 452.9  | 480.4  | 509.4  | 535.0  |
| -70°   | 251.4  | 272.7  | 290.5  | 306.5  | 320.3  | 335.3  | 354.7  | 373.8  | 395.7  | 423.3  | 448.6  |
| -72.5° | 209.0  | 228.2  | 245.0  | 259.5  | 268.5  | 275.4  | 284.5  | 295.7  | 316.5  | 344.2  | 368.5  |
| -75°   | 168.9  | 184.0  | 198.9  | 212.0  | 217.7  | 218.1  | 217.5  | 221.2  | 241.7  | 269.9  | 294.8  |
| -77.5° | 130.5  | 142.9  | 154.5  | 165.2  | 168.2  | 167.8  | 165.8  | 162.4  | 178.0  | 202.1  | 227.1  |
| -80°   | 94.0   | 101.8  | 110.9  | 119.3  | 121.3  | 120.4  | 117.8  | 113.5  | 125.8  | 143.2  | 161.9  |
| -82.5° | 61.3   | 66.6   | 71.7   | 76.4   | 76.9   | 75.6   | 73.3   | 70.6   | 79.9   | 91.2   | 102.9  |
| -85°   | 31.4   | 31.4   | 34.0   | 36.4   | 37.5   | 37.7   | 36.9   | 35.3   | 39.9   | 45.2   | 50.8   |
| -87.5° | 15.7   | 15.7   | 15.4   | 15.0   | 14.3   | 13.4   | 12.4   | 11.1   | 11.6   | 12.0   | 12.5   |
| -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: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-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°  | 12.9   | 12.5   | 12.1    | 11.6    | 11.1    | 10.9    | 10.7    | 10.4    | 10.1    | 9.4     | 8.6     |
| 85°    | 56.6   | 57.9   | 58.6    | 59.0    | 59.0    | 60.9    | 62.6    | 64.2    | 65.7    | 59.5    | 52.7    |
| 82.5°  | 115.2  | 120.6  | 125.3   | 130.1   | 134.7   | 137.9   | 140.4   | 142.1   | 143.3   | 129.7   | 114.4   |
| 80°    | 181.3  | 192.7  | 202.1   | 211.1   | 219.7   | 221.9   | 221.8   | 220.6   | 218.2   | 199.6   | 178.6   |
| 77.5°  | 252.2  | 267.1  | 278.9   | 290.5   | 302.1   | 306.3   | 308.3   | 309.9   | 311.0   | 288.0   | 259.7   |
| 75°    | 316.4  | 334.2  | 350.7   | 366.0   | 380.2   | 387.7   | 392.1   | 395.8   | 398.6   | 375.5   | 345.2   |
| 72.5°  | 389.8  | 408.5  | 426.4   | 443.4   | 458.4   | 468.3   | 474.8   | 480.1   | 484.3   | 471.2   | 452.2   |
| 70°    | 470.3  | 489.7  | 508.6   | 526.3   | 543.2   | 556.6   | 567.1   | 576.2   | 583.7   | 585.2   | 584.5   |
| 67.5°  | 559.8  | 582.7  | 605.2   | 624.5   | 644.6   | 663.5   | 680.1   | 693.9   | 704.9   | 712.1   | 716.2   |
| 65°    | 660.2  | 694.7  | 725.4   | 751.4   | 773.2   | 798.4   | 820.6   | 837.5   | 849.5   | 858.5   | 866.3   |
| 62.5°  | 778.6  | 820.4  | 855.5   | 890.2   | 926.0   | 960.7   | 982.4   | 1004.2  | 1025.5  | 1045.7  | 1062.9  |
| 60°    | 892.5  | 938.4  | 985.9   | 1030.1  | 1071.1  | 1108.8  | 1147.8  | 1182.4  | 1212.7  | 1238.0  | 1256.8  |
| 57.5°  | 1013.9 | 1069.7 | 1123.7  | 1179.9  | 1232.8  | 1282.1  | 1330.3  | 1374.8  | 1413.3  | 1445.7  | 1472.1  |
| 55°    | 1145.6 | 1213.8 | 1278.0  | 1349.4  | 1418.6  | 1481.7  | 1539.8  | 1599.3  | 1653.0  | 1700.2  | 1737.6  |
| 52.5°  | 1287.7 | 1376.4 | 1461.4  | 1545.2  | 1634.9  | 1715.8  | 1788.2  | 1870.7  | 1943.9  | 2004.4  | 2051.5  |
| 50°    | 1457.3 | 1561.6 | 1673.8  | 1777.7  | 1890.7  | 2002.1  | 2104.8  | 2204.3  | 2301.5  | 2385.7  | 2453.7  |
| 47.5°  | 1650.5 | 1778.7 | 1917.8  | 2055.5  | 2195.8  | 2348.1  | 2483.9  | 2610.2  | 2746.2  | 2864.3  | 2959.0  |
| 45°    | 1865.1 | 2028.7 | 2196.6  | 2390.1  | 2568.4  | 2764.0  | 2945.0  | 3107.6  | 3300.5  | 3470.4  | 3607.2  |
| 42.5°  | 2103.3 | 2321.1 | 2542.0  | 2785.7  | 3022.2  | 3270.5  | 3534.3  | 3768.2  | 4024.1  | 4268.0  | 4465.1  |
| 40°    | 2398.5 | 2658.9 | 2954.6  | 3249.7  | 3589.1  | 3908.0  | 4292.3  | 4641.5  | 4958.6  | 5249.5  | 5487.8  |
| 37.5°  | 2726.5 | 3061.7 | 3433.3  | 3817.6  | 4282.1  | 4737.4  | 5187.2  | 5611.8  | 5986.7  | 6305.0  | 6572.1  |
| 35°    | 3098.9 | 3524.9 | 3974.9  | 4535.9  | 5080.2  | 5625.5  | 6133.5  | 6597.6  | 7005.4  | 7364.5  | 7669.9  |
| 32.5°  | 3527.3 | 4038.5 | 4668.5  | 5298.8  | 5919.6  | 6520.0  | 7077.8  | 7584.0  | 8031.1  | 8434.3  | 8785.5  |
| 30°    | 3977.6 | 4675.1 | 5382.2  | 6073.7  | 6751.7  | 7409.4  | 8021.5  | 8579.1  | 9084.4  | 9533.2  | 9937.8  |
| 27.5°  | 4549.9 | 5322.8 | 6093.9  | 6839.3  | 7585.3  | 8305.0  | 8968.4  | 9587.8  | 10167.6 | 10674.9 | 11137.3 |
| 25°    | 5103.4 | 5957.3 | 6777.0  | 7589.7  | 8401.7  | 9174.5  | 9916.2  | 10615.8 | 11279.8 | 11862.1 | 12378.4 |
| 22.5°  | 5656.8 | 6550.7 | 7426.6  | 8300.4  | 9172.7  | 10034.1 | 10867.0 | 11668.5 | 12411.1 | 13074.2 | 13655.4 |
| 20°    | 6169.4 | 7103.8 | 8040.5  | 8982.5  | 9928.0  | 10871.0 | 11806.5 | 12708.5 | 13535.7 | 14301.2 | 14973.9 |
| 17.5°  | 6629.0 | 7622.7 | 8615.8  | 9623.5  | 10648.4 | 11672.2 | 12711.3 | 13722.5 | 14668.3 | 15539.2 | 16319.6 |
| 15°    | 7036.0 | 8072.9 | 9139.5  | 10226.8 | 11327.4 | 12439.3 | 13573.1 | 14704.5 | 15769.1 | 16758.4 | 17629.6 |
| 12.5°  | 7391.8 | 8469.9 | 9587.7  | 10743.0 | 11937.5 | 13148.8 | 14386.3 | 15626.4 | 16805.0 | 17947.1 | 18887.8 |
| 10°    | 7685.4 | 8807.5 | 9975.8  | 11189.7 | 12449.4 | 13753.1 | 15080.7 | 16415.6 | 17714.2 | 18925.7 | 20001.4 |
| 7.5°   | 7912.2 | 9076.2 | 10280.1 | 11542.7 | 12864.3 | 14239.1 | 15645.5 | 17062.1 | 18447.8 | 19753.3 | 20943.6 |
| 5°     | 8072.1 | 9271.8 | 10490.9 | 11804.2 | 13171.8 | 14596.4 | 16058.1 | 17534.3 | 18983.0 | 20355.7 | 21589.2 |
| 2.5°   | 8164.9 | 9389.3 | 10613.6 | 11963.1 | 13354.6 | 14812.6 | 16314.0 | 17814.5 | 19301.4 | 20725.0 | 21992.7 |
| 0°     | 8189.4 | 9424.5 | 10684.0 | 11980.1 | 13412.1 | 14913.7 | 16361.4 | 17866.5 | 19411.7 | 20815.8 | 22078.8 |
| -2.5°  | 8164.9 | 9389.3 | 10613.6 | 11963.1 | 13354.6 | 14812.6 | 16314.0 | 17814.5 | 19301.4 | 20725.0 | 21992.7 |
| -5°    | 8072.1 | 9271.8 | 10490.9 | 11804.2 | 13171.8 | 14596.4 | 16058.1 | 17534.3 | 18983.0 | 20355.7 | 21589.2 |
| -7.5°  | 7912.2 | 9076.2 | 10280.1 | 11542.7 | 12864.3 | 14239.1 | 15645.5 | 17062.1 | 18447.8 | 19753.3 | 20943.6 |
| -10°   | 7685.4 | 8807.5 | 9975.8  | 11189.7 | 12449.4 | 13753.1 | 15080.7 | 16415.6 | 17714.2 | 18925.7 | 20001.4 |
| -12.5° | 7391.8 | 8469.9 | 9587.7  | 10743.0 | 11937.5 | 13148.8 | 14386.3 | 15626.4 | 16805.0 | 17947.1 | 18887.8 |
| -15°   | 7036.0 | 8072.9 | 9139.5  | 10226.8 | 11327.4 | 12439.3 | 13573.1 | 14704.5 | 15769.1 | 16758.4 | 17629.6 |
| -17.5° | 6629.0 | 7622.7 | 8615.8  | 9623.5  | 10648.4 | 11672.2 | 12711.3 | 13722.5 | 14668.3 | 15539.2 | 16319.6 |
| -20°   | 6169.4 | 7103.8 | 8040.5  | 8982.5  | 9928.0  | 10871.0 | 11806.5 | 12708.5 | 13535.7 | 14301.2 | 14973.9 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5°  | -20°    | -17.5°  | -15°    | -12.5°  | -10°    |
|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| -22.5° | 5656.8 | 6550.7 | 7426.6 | 8300.4 | 9172.7 | 10034.1 | 10867.0 | 11668.5 | 12411.1 | 13074.2 | 13655.4 |
| -25°   | 5103.4 | 5957.3 | 6777.0 | 7589.7 | 8401.7 | 9174.5  | 9916.2  | 10615.8 | 11279.8 | 11862.1 | 12378.4 |
| -27.5° | 4549.9 | 5322.8 | 6093.9 | 6839.3 | 7585.3 | 8305.0  | 8968.4  | 9587.8  | 10167.6 | 10674.9 | 11137.3 |
| -30°   | 3977.6 | 4675.1 | 5382.2 | 6073.7 | 6751.7 | 7409.4  | 8021.5  | 8579.1  | 9084.4  | 9533.2  | 9937.8  |
| -32.5° | 3527.3 | 4038.5 | 4668.5 | 5298.8 | 5919.6 | 6520.0  | 7077.8  | 7584.0  | 8031.1  | 8434.3  | 8785.5  |
| -35°   | 3098.9 | 3524.9 | 3974.9 | 4535.9 | 5080.2 | 5625.5  | 6133.5  | 6597.6  | 7005.4  | 7364.5  | 7669.9  |
| -37.5° | 2726.5 | 3061.7 | 3433.3 | 3817.6 | 4282.1 | 4737.4  | 5187.2  | 5611.8  | 5986.7  | 6305.0  | 6572.1  |
| -40°   | 2398.5 | 2658.9 | 2954.6 | 3249.7 | 3589.1 | 3908.0  | 4292.3  | 4641.5  | 4958.6  | 5249.5  | 5487.8  |
| -42.5° | 2103.3 | 2321.1 | 2542.0 | 2785.7 | 3022.2 | 3270.5  | 3534.3  | 3768.2  | 4024.1  | 4268.0  | 4465.1  |
| -45°   | 1865.1 | 2028.7 | 2196.6 | 2390.1 | 2568.4 | 2764.0  | 2945.0  | 3107.6  | 3300.5  | 3470.4  | 3607.2  |
| -47.5° | 1650.5 | 1778.7 | 1917.8 | 2055.5 | 2195.8 | 2348.1  | 2483.9  | 2610.2  | 2746.2  | 2864.3  | 2959.0  |
| -50°   | 1457.3 | 1561.6 | 1673.8 | 1777.7 | 1890.7 | 2002.1  | 2104.8  | 2204.3  | 2301.5  | 2385.7  | 2453.7  |
| -52.5° | 1287.7 | 1376.4 | 1461.4 | 1545.2 | 1634.9 | 1715.8  | 1788.2  | 1870.7  | 1943.9  | 2004.4  | 2051.5  |
| -55°   | 1145.6 | 1213.8 | 1278.0 | 1349.4 | 1418.6 | 1481.7  | 1539.8  | 1599.3  | 1653.0  | 1700.2  | 1737.6  |
| -57.5° | 1013.9 | 1069.7 | 1123.7 | 1179.9 | 1232.8 | 1282.1  | 1330.3  | 1374.8  | 1413.3  | 1445.7  | 1472.1  |
| -60°   | 892.5  | 938.4  | 985.9  | 1030.1 | 1071.1 | 1108.8  | 1147.8  | 1182.4  | 1212.7  | 1238.0  | 1256.8  |
| -62.5° | 778.6  | 820.4  | 855.5  | 890.2  | 926.0  | 960.7   | 982.4   | 1004.2  | 1025.5  | 1045.7  | 1062.9  |
| -65°   | 660.2  | 694.7  | 725.4  | 751.4  | 773.2  | 798.4   | 820.6   | 837.5   | 849.5   | 858.5   | 866.3   |
| -67.5° | 559.8  | 582.7  | 605.2  | 624.5  | 644.6  | 663.5   | 680.1   | 693.9   | 704.9   | 712.1   | 716.2   |
| -70°   | 470.3  | 489.7  | 508.6  | 526.3  | 543.2  | 556.6   | 567.1   | 576.2   | 583.7   | 585.2   | 584.5   |
| -72.5° | 389.8  | 408.5  | 426.4  | 443.4  | 458.4  | 468.3   | 474.8   | 480.1   | 484.3   | 471.2   | 452.2   |
| -75°   | 316.4  | 334.2  | 350.7  | 366.0  | 380.2  | 387.7   | 392.1   | 395.8   | 398.6   | 375.5   | 345.2   |
| -77.5° | 252.2  | 267.1  | 278.9  | 290.5  | 302.1  | 306.3   | 308.3   | 309.9   | 311.0   | 288.0   | 259.7   |
| -80°   | 181.3  | 192.7  | 202.1  | 211.1  | 219.7  | 221.9   | 221.8   | 220.6   | 218.2   | 199.6   | 178.6   |
| -82.5° | 115.2  | 120.6  | 125.3  | 130.1  | 134.7  | 137.9   | 140.4   | 142.1   | 143.3   | 129.7   | 114.4   |
| -85°   | 56.6   | 57.9   | 58.6   | 59.0   | 59.0   | 60.9    | 62.6    | 64.2    | 65.7    | 59.5    | 52.7    |
| -87.5° | 12.9   | 12.5   | 12.1   | 11.6   | 11.1   | 10.9    | 10.7    | 10.4    | 10.1    | 9.4     | 8.6     |
| -90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-WR-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°  | 7.8     | 7.0     | 6.1     | 5.2     | 6.1     | 7.0     | 7.8     | 8.6     | 9.4     | 10.1    | 10.4    |
| 85°    | 45.6    | 38.1    | 37.4    | 36.6    | 37.4    | 38.1    | 45.6    | 52.7    | 59.5    | 65.7    | 64.2    |
| 82.5°  | 98.4    | 81.7    | 79.2    | 76.7    | 79.2    | 81.7    | 98.4    | 114.4   | 129.7   | 143.3   | 142.1   |
| 80°    | 156.7   | 134.0   | 129.6   | 125.4   | 129.6   | 134.0   | 156.7   | 178.6   | 199.6   | 218.2   | 220.6   |
| 77.5°  | 229.9   | 198.9   | 189.8   | 181.2   | 189.8   | 198.9   | 229.9   | 259.7   | 288.0   | 311.0   | 309.9   |
| 75°    | 313.6   | 281.0   | 269.9   | 259.6   | 269.9   | 281.0   | 313.6   | 345.2   | 375.5   | 398.6   | 395.8   |
| 72.5°  | 433.0   | 413.1   | 393.1   | 371.1   | 393.1   | 413.1   | 433.0   | 452.2   | 471.2   | 484.3   | 480.1   |
| 70°    | 583.9   | 582.5   | 577.5   | 569.7   | 577.5   | 582.5   | 583.9   | 584.5   | 585.2   | 583.7   | 576.2   |
| 67.5°  | 717.9   | 717.4   | 719.1   | 719.5   | 719.1   | 717.4   | 717.9   | 716.2   | 712.1   | 704.9   | 693.9   |
| 65°    | 871.1   | 872.8   | 876.4   | 878.0   | 876.4   | 872.8   | 871.1   | 866.3   | 858.5   | 849.5   | 837.5   |
| 62.5°  | 1076.0  | 1084.9  | 1089.3  | 1088.8  | 1089.3  | 1084.9  | 1076.0  | 1062.9  | 1045.7  | 1025.5  | 1004.2  |
| 60°    | 1270.9  | 1280.1  | 1285.9  | 1287.4  | 1285.9  | 1280.1  | 1270.9  | 1256.8  | 1238.0  | 1212.7  | 1182.4  |
| 57.5°  | 1493.0  | 1508.1  | 1516.2  | 1517.3  | 1516.2  | 1508.1  | 1493.0  | 1472.1  | 1445.7  | 1413.3  | 1374.8  |
| 55°    | 1766.3  | 1786.3  | 1795.3  | 1794.3  | 1795.3  | 1786.3  | 1766.3  | 1737.6  | 1700.2  | 1653.0  | 1599.3  |
| 52.5°  | 2087.1  | 2111.6  | 2129.9  | 2141.0  | 2129.9  | 2111.6  | 2087.1  | 2051.5  | 2004.4  | 1943.9  | 1870.7  |
| 50°    | 2504.8  | 2539.9  | 2562.2  | 2571.3  | 2562.2  | 2539.9  | 2504.8  | 2453.7  | 2385.7  | 2301.5  | 2204.3  |
| 47.5°  | 3027.4  | 3073.9  | 3108.3  | 3132.2  | 3108.3  | 3073.9  | 3027.4  | 2959.0  | 2864.3  | 2746.2  | 2610.2  |
| 45°    | 3708.2  | 3779.0  | 3827.0  | 3855.2  | 3827.0  | 3779.0  | 3708.2  | 3607.2  | 3470.4  | 3300.5  | 3107.6  |
| 42.5°  | 4619.0  | 4728.9  | 4796.2  | 4822.0  | 4796.2  | 4728.9  | 4619.0  | 4465.1  | 4268.0  | 4024.1  | 3768.2  |
| 40°    | 5676.0  | 5808.0  | 5894.5  | 5954.3  | 5894.5  | 5808.0  | 5676.0  | 5487.8  | 5249.5  | 4958.6  | 4641.5  |
| 37.5°  | 6777.0  | 6915.5  | 6999.8  | 7057.1  | 6999.8  | 6915.5  | 6777.0  | 6572.1  | 6305.0  | 5986.7  | 5611.8  |
| 35°    | 7900.1  | 8045.1  | 8124.2  | 8168.5  | 8124.2  | 8045.1  | 7900.1  | 7669.9  | 7364.5  | 7005.4  | 6597.6  |
| 32.5°  | 9053.2  | 9213.0  | 9299.0  | 9387.9  | 9299.0  | 9213.0  | 9053.2  | 8785.5  | 8434.3  | 8031.1  | 7584.0  |
| 30°    | 10257.4 | 10440.9 | 10530.9 | 10574.3 | 10530.9 | 10440.9 | 10257.4 | 9937.8  | 9533.2  | 9084.4  | 8579.1  |
| 27.5°  | 11510.6 | 11739.3 | 11852.0 | 11926.1 | 11852.0 | 11739.3 | 11510.6 | 11137.3 | 10674.9 | 10167.6 | 9587.8  |
| 25°    | 12814.5 | 13097.9 | 13226.9 | 13342.4 | 13226.9 | 13097.9 | 12814.5 | 12378.4 | 11862.1 | 11279.8 | 10615.8 |
| 22.5°  | 14167.4 | 14520.3 | 14669.7 | 14751.7 | 14669.7 | 14520.3 | 14167.4 | 13655.4 | 13074.2 | 12411.1 | 11668.5 |
| 20°    | 15555.5 | 15977.2 | 16184.8 | 16291.7 | 16184.8 | 15977.2 | 15555.5 | 14973.9 | 14301.2 | 13535.7 | 12708.5 |
| 17.5°  | 16975.1 | 17499.6 | 17768.2 | 17829.9 | 17768.2 | 17499.6 | 16975.1 | 16319.6 | 15539.2 | 14668.3 | 13722.5 |
| 15°    | 18368.6 | 18936.0 | 19253.6 | 19369.9 | 19253.6 | 18936.0 | 18368.6 | 17629.6 | 16758.4 | 15769.1 | 14704.5 |
| 12.5°  | 19688.3 | 20276.4 | 20655.9 | 20723.5 | 20655.9 | 20276.4 | 19688.3 | 18887.8 | 17947.1 | 16805.0 | 15626.4 |
| 10°    | 20885.3 | 21494.4 | 21913.6 | 22009.1 | 21913.6 | 21494.4 | 20885.3 | 20001.4 | 18925.7 | 17714.2 | 16415.6 |
| 7.5°   | 21885.9 | 22554.3 | 23017.4 | 23097.9 | 23017.4 | 22554.3 | 21885.9 | 20943.6 | 19753.3 | 18447.8 | 17062.1 |
| 5°     | 22618.0 | 23411.5 | 23791.6 | 23887.1 | 23791.6 | 23411.5 | 22618.0 | 21589.2 | 20355.7 | 18983.0 | 17534.3 |
| 2.5°   | 23019.6 | 23827.4 | 24355.8 | 24294.7 | 24355.8 | 23827.4 | 23019.6 | 21992.7 | 20725.0 | 19301.4 | 17814.5 |
| 0°     | 23064.8 | 23909.7 | 24414.9 | 24648.3 | 24414.9 | 23909.7 | 23064.8 | 22078.8 | 20815.8 | 19411.7 | 17866.5 |
| -2.5°  | 23019.6 | 23827.4 | 24355.8 | 24294.7 | 24355.8 | 23827.4 | 23019.6 | 21992.7 | 20725.0 | 19301.4 | 17814.5 |
| -5°    | 22618.0 | 23411.5 | 23791.6 | 23887.1 | 23791.6 | 23411.5 | 22618.0 | 21589.2 | 20355.7 | 18983.0 | 17534.3 |
| -7.5°  | 21885.9 | 22554.3 | 23017.4 | 23097.9 | 23017.4 | 22554.3 | 21885.9 | 20943.6 | 19753.3 | 18447.8 | 17062.1 |
| -10°   | 20885.3 | 21494.4 | 21913.6 | 22009.1 | 21913.6 | 21494.4 | 20885.3 | 20001.4 | 18925.7 | 17714.2 | 16415.6 |
| -12.5° | 19688.3 | 20276.4 | 20655.9 | 20723.5 | 20655.9 | 20276.4 | 19688.3 | 18887.8 | 17947.1 | 16805.0 | 15626.4 |
| -15°   | 18368.6 | 18936.0 | 19253.6 | 19369.9 | 19253.6 | 18936.0 | 18368.6 | 17629.6 | 16758.4 | 15769.1 | 14704.5 |
| -17.5° | 16975.1 | 17499.6 | 17768.2 | 17829.9 | 17768.2 | 17499.6 | 16975.1 | 16319.6 | 15539.2 | 14668.3 | 13722.5 |
| -20°   | 15555.5 | 15977.2 | 16184.8 | 16291.7 | 16184.8 | 15977.2 | 15555.5 | 14973.9 | 14301.2 | 13535.7 | 12708.5 |



REPORT NUMBER: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°   | -5°     | -2.5°   | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 14167.4 | 14520.3 | 14669.7 | 14751.7 | 14669.7 | 14520.3 | 14167.4 | 13655.4 | 13074.2 | 12411.1 | 11668.5 |
| -25°   | 12814.5 | 13097.9 | 13226.9 | 13342.4 | 13226.9 | 13097.9 | 12814.5 | 12378.4 | 11862.1 | 11279.8 | 10615.8 |
| -27.5° | 11510.6 | 11739.3 | 11852.0 | 11926.1 | 11852.0 | 11739.3 | 11510.6 | 11137.3 | 10674.9 | 10167.6 | 9587.8  |
| -30°   | 10257.4 | 10440.9 | 10530.9 | 10574.3 | 10530.9 | 10440.9 | 10257.4 | 9937.8  | 9533.2  | 9084.4  | 8579.1  |
| -32.5° | 9053.2  | 9213.0  | 9299.0  | 9387.9  | 9299.0  | 9213.0  | 9053.2  | 8785.5  | 8434.3  | 8031.1  | 7584.0  |
| -35°   | 7900.1  | 8045.1  | 8124.2  | 8168.5  | 8124.2  | 8045.1  | 7900.1  | 7669.9  | 7364.5  | 7005.4  | 6597.6  |
| -37.5° | 6777.0  | 6915.5  | 6999.8  | 7057.1  | 6999.8  | 6915.5  | 6777.0  | 6572.1  | 6305.0  | 5986.7  | 5611.8  |
| -40°   | 5676.0  | 5808.0  | 5894.5  | 5954.3  | 5894.5  | 5808.0  | 5676.0  | 5487.8  | 5249.5  | 4958.6  | 4641.5  |
| -42.5° | 4619.0  | 4728.9  | 4796.2  | 4822.0  | 4796.2  | 4728.9  | 4619.0  | 4465.1  | 4268.0  | 4024.1  | 3768.2  |
| -45°   | 3708.2  | 3779.0  | 3827.0  | 3855.2  | 3827.0  | 3779.0  | 3708.2  | 3607.2  | 3470.4  | 3300.5  | 3107.6  |
| -47.5° | 3027.4  | 3073.9  | 3108.3  | 3132.2  | 3108.3  | 3073.9  | 3027.4  | 2959.0  | 2864.3  | 2746.2  | 2610.2  |
| -50°   | 2504.8  | 2539.9  | 2562.2  | 2571.3  | 2562.2  | 2539.9  | 2504.8  | 2453.7  | 2385.7  | 2301.5  | 2204.3  |
| -52.5° | 2087.1  | 2111.6  | 2129.9  | 2141.0  | 2129.9  | 2111.6  | 2087.1  | 2051.5  | 2004.4  | 1943.9  | 1870.7  |
| -55°   | 1766.3  | 1786.3  | 1795.3  | 1794.3  | 1795.3  | 1786.3  | 1766.3  | 1737.6  | 1700.2  | 1653.0  | 1599.3  |
| -57.5° | 1493.0  | 1508.1  | 1516.2  | 1517.3  | 1516.2  | 1508.1  | 1493.0  | 1472.1  | 1445.7  | 1413.3  | 1374.8  |
| -60°   | 1270.9  | 1280.1  | 1285.9  | 1287.4  | 1285.9  | 1280.1  | 1270.9  | 1256.8  | 1238.0  | 1212.7  | 1182.4  |
| -62.5° | 1076.0  | 1084.9  | 1089.3  | 1088.8  | 1089.3  | 1084.9  | 1076.0  | 1062.9  | 1045.7  | 1025.5  | 1004.2  |
| -65°   | 871.1   | 872.8   | 876.4   | 878.0   | 876.4   | 872.8   | 871.1   | 866.3   | 858.5   | 849.5   | 837.5   |
| -67.5° | 717.9   | 717.4   | 719.1   | 719.5   | 719.1   | 717.4   | 717.9   | 716.2   | 712.1   | 704.9   | 693.9   |
| -70°   | 583.9   | 582.5   | 577.5   | 569.7   | 577.5   | 582.5   | 583.9   | 584.5   | 585.2   | 583.7   | 576.2   |
| -72.5° | 433.0   | 413.1   | 393.1   | 371.1   | 393.1   | 413.1   | 433.0   | 452.2   | 471.2   | 484.3   | 480.1   |
| -75°   | 313.6   | 281.0   | 269.9   | 259.6   | 269.9   | 281.0   | 313.6   | 345.2   | 375.5   | 398.6   | 395.8   |
| -77.5° | 229.9   | 198.9   | 189.8   | 181.2   | 189.8   | 198.9   | 229.9   | 259.7   | 288.0   | 311.0   | 309.9   |
| -80°   | 156.7   | 134.0   | 129.6   | 125.4   | 129.6   | 134.0   | 156.7   | 178.6   | 199.6   | 218.2   | 220.6   |
| -82.5° | 98.4    | 81.7    | 79.2    | 76.7    | 79.2    | 81.7    | 98.4    | 114.4   | 129.7   | 143.3   | 142.1   |
| -85°   | 45.6    | 38.1    | 37.4    | 36.6    | 37.4    | 38.1    | 45.6    | 52.7    | 59.5    | 65.7    | 64.2    |
| -87.5° | 7.8     | 7.0     | 6.1     | 5.2     | 6.1     | 7.0     | 7.8     | 8.6     | 9.4     | 10.1    | 10.4    |
| -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: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-WR-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°  | 10.7    | 10.9    | 11.1    | 11.6    | 12.1    | 12.5   | 12.9   | 12.5   | 12.0   | 11.6   | 11.1   |
| 85°    | 62.6    | 60.9    | 59.0    | 59.0    | 58.6    | 57.9   | 56.6   | 50.8   | 45.2   | 39.9   | 35.3   |
| 82.5°  | 140.4   | 137.9   | 134.7   | 130.1   | 125.3   | 120.6  | 115.2  | 102.9  | 91.2   | 79.9   | 70.6   |
| 80°    | 221.8   | 221.9   | 219.7   | 211.1   | 202.1   | 192.7  | 181.3  | 161.9  | 143.2  | 125.8  | 113.5  |
| 77.5°  | 308.3   | 306.3   | 302.1   | 290.5   | 278.9   | 267.1  | 252.2  | 227.1  | 202.1  | 178.0  | 162.4  |
| 75°    | 392.1   | 387.7   | 380.2   | 366.0   | 350.7   | 334.2  | 316.4  | 294.8  | 269.9  | 241.7  | 221.2  |
| 72.5°  | 474.8   | 468.3   | 458.4   | 443.4   | 426.4   | 408.5  | 389.8  | 368.5  | 344.2  | 316.5  | 295.7  |
| 70°    | 567.1   | 556.6   | 543.2   | 526.3   | 508.6   | 489.7  | 470.3  | 448.6  | 423.3  | 395.7  | 373.8  |
| 67.5°  | 680.1   | 663.5   | 644.6   | 624.5   | 605.2   | 582.7  | 559.8  | 535.0  | 509.4  | 480.4  | 452.9  |
| 65°    | 820.6   | 798.4   | 773.2   | 751.4   | 725.4   | 694.7  | 660.2  | 630.1  | 600.4  | 567.8  | 531.6  |
| 62.5°  | 982.4   | 960.7   | 926.0   | 890.2   | 855.5   | 820.4  | 778.6  | 736.4  | 695.9  | 654.9  | 612.7  |
| 60°    | 1147.8  | 1108.8  | 1071.1  | 1030.1  | 985.9   | 938.4  | 892.5  | 844.4  | 794.1  | 744.9  | 694.4  |
| 57.5°  | 1330.3  | 1282.1  | 1232.8  | 1179.9  | 1123.7  | 1069.7 | 1013.9 | 954.1  | 897.1  | 837.4  | 777.1  |
| 55°    | 1539.8  | 1481.7  | 1418.6  | 1349.4  | 1278.0  | 1213.8 | 1145.6 | 1077.2 | 1007.9 | 932.8  | 866.1  |
| 52.5°  | 1788.2  | 1715.8  | 1634.9  | 1545.2  | 1461.4  | 1376.4 | 1287.7 | 1210.0 | 1125.3 | 1041.9 | 958.9  |
| 50°    | 2104.8  | 2002.1  | 1890.7  | 1777.7  | 1673.8  | 1561.6 | 1457.3 | 1355.1 | 1252.6 | 1156.0 | 1059.4 |
| 47.5°  | 2483.9  | 2348.1  | 2195.8  | 2055.5  | 1917.8  | 1778.7 | 1650.5 | 1515.2 | 1397.7 | 1276.0 | 1168.7 |
| 45°    | 2945.0  | 2764.0  | 2568.4  | 2390.1  | 2196.6  | 2028.7 | 1865.1 | 1709.6 | 1555.2 | 1417.8 | 1280.8 |
| 42.5°  | 3534.3  | 3270.5  | 3022.2  | 2785.7  | 2542.0  | 2321.1 | 2103.3 | 1919.0 | 1737.8 | 1567.7 | 1413.2 |
| 40°    | 4292.3  | 3908.0  | 3589.1  | 3249.7  | 2954.6  | 2658.9 | 2398.5 | 2143.1 | 1937.2 | 1735.7 | 1547.2 |
| 37.5°  | 5187.2  | 4737.4  | 4282.1  | 3817.6  | 3433.3  | 3061.7 | 2726.5 | 2425.8 | 2145.8 | 1916.6 | 1699.2 |
| 35°    | 6133.5  | 5625.5  | 5080.2  | 4535.9  | 3974.9  | 3524.9 | 3098.9 | 2728.4 | 2401.6 | 2106.1 | 1855.5 |
| 32.5°  | 7077.8  | 6520.0  | 5919.6  | 5298.8  | 4668.5  | 4038.5 | 3527.3 | 3068.4 | 2659.5 | 2323.0 | 2026.4 |
| 30°    | 8021.5  | 7409.4  | 6751.7  | 6073.7  | 5382.2  | 4675.1 | 3977.6 | 3441.6 | 2961.5 | 2539.4 | 2198.3 |
| 27.5°  | 8968.4  | 8305.0  | 7585.3  | 6839.3  | 6093.9  | 5322.8 | 4549.9 | 3826.6 | 3265.9 | 2788.9 | 2386.9 |
| 25°    | 9916.2  | 9174.5  | 8401.7  | 7589.7  | 6777.0  | 5957.3 | 5103.4 | 4297.1 | 3607.2 | 3038.5 | 2560.9 |
| 22.5°  | 10867.0 | 10034.1 | 9172.7  | 8300.4  | 7426.6  | 6550.7 | 5656.8 | 4757.9 | 3930.6 | 3292.3 | 2764.4 |
| 20°    | 11806.5 | 10871.0 | 9928.0  | 8982.5  | 8040.5  | 7103.8 | 6169.4 | 5209.8 | 4310.8 | 3555.1 | 2954.4 |
| 17.5°  | 12711.3 | 11672.2 | 10648.4 | 9623.5  | 8615.8  | 7622.7 | 6629.0 | 5626.8 | 4650.2 | 3789.1 | 3122.1 |
| 15°    | 13573.1 | 12439.3 | 11327.4 | 10226.8 | 9139.5  | 8072.9 | 7036.0 | 5993.0 | 4959.0 | 4033.1 | 3306.0 |
| 12.5°  | 14386.3 | 13148.8 | 11937.5 | 10743.0 | 9587.7  | 8469.9 | 7391.8 | 6314.4 | 5249.8 | 4270.8 | 3469.9 |
| 10°    | 15080.7 | 13753.1 | 12449.4 | 11189.7 | 9975.8  | 8807.5 | 7685.4 | 6586.4 | 5499.0 | 4468.6 | 3604.0 |
| 7.5°   | 15645.5 | 14239.1 | 12864.3 | 11542.7 | 10280.1 | 9076.2 | 7912.2 | 6795.0 | 5696.4 | 4623.2 | 3707.5 |
| 5°     | 16058.1 | 14596.4 | 13171.8 | 11804.2 | 10490.9 | 9271.8 | 8072.1 | 6937.7 | 5839.4 | 4733.1 | 3779.9 |
| 2.5°   | 16314.0 | 14812.6 | 13354.6 | 11963.1 | 10613.6 | 9389.3 | 8164.9 | 7023.9 | 5921.0 | 4793.6 | 3825.3 |
| 0°     | 16361.4 | 14913.7 | 13412.1 | 11980.1 | 10684.0 | 9424.5 | 8189.4 | 7055.3 | 5942.2 | 4806.3 | 3839.5 |
| -2.5°  | 16314.0 | 14812.6 | 13354.6 | 11963.1 | 10613.6 | 9389.3 | 8164.9 | 7023.9 | 5921.0 | 4793.6 | 3825.3 |
| -5°    | 16058.1 | 14596.4 | 13171.8 | 11804.2 | 10490.9 | 9271.8 | 8072.1 | 6937.7 | 5839.4 | 4733.1 | 3779.9 |
| -7.5°  | 15645.5 | 14239.1 | 12864.3 | 11542.7 | 10280.1 | 9076.2 | 7912.2 | 6795.0 | 5696.4 | 4623.2 | 3707.5 |
| -10°   | 15080.7 | 13753.1 | 12449.4 | 11189.7 | 9975.8  | 8807.5 | 7685.4 | 6586.4 | 5499.0 | 4468.6 | 3604.0 |
| -12.5° | 14386.3 | 13148.8 | 11937.5 | 10743.0 | 9587.7  | 8469.9 | 7391.8 | 6314.4 | 5249.8 | 4270.8 | 3469.9 |
| -15°   | 13573.1 | 12439.3 | 11327.4 | 10226.8 | 9139.5  | 8072.9 | 7036.0 | 5993.0 | 4959.0 | 4033.1 | 3306.0 |
| -17.5° | 12711.3 | 11672.2 | 10648.4 | 9623.5  | 8615.8  | 7622.7 | 6629.0 | 5626.8 | 4650.2 | 3789.1 | 3122.1 |
| -20°   | 11806.5 | 10871.0 | 9928.0  | 8982.5  | 8040.5  | 7103.8 | 6169.4 | 5209.8 | 4310.8 | 3555.1 | 2954.4 |



REPORT NUMBER: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°   | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 10867.0 | 10034.1 | 9172.7 | 8300.4 | 7426.6 | 6550.7 | 5656.8 | 4757.9 | 3930.6 | 3292.3 | 2764.4 |
| -25°   | 9916.2  | 9174.5  | 8401.7 | 7589.7 | 6777.0 | 5957.3 | 5103.4 | 4297.1 | 3607.2 | 3038.5 | 2560.9 |
| -27.5° | 8968.4  | 8305.0  | 7585.3 | 6839.3 | 6093.9 | 5322.8 | 4549.9 | 3826.6 | 3265.9 | 2788.9 | 2386.9 |
| -30°   | 8021.5  | 7409.4  | 6751.7 | 6073.7 | 5382.2 | 4675.1 | 3977.6 | 3441.6 | 2961.5 | 2539.4 | 2198.3 |
| -32.5° | 7077.8  | 6520.0  | 5919.6 | 5298.8 | 4668.5 | 4038.5 | 3527.3 | 3068.4 | 2659.5 | 2323.0 | 2026.4 |
| -35°   | 6133.5  | 5625.5  | 5080.2 | 4535.9 | 3974.9 | 3524.9 | 3098.9 | 2728.4 | 2401.6 | 2106.1 | 1855.5 |
| -37.5° | 5187.2  | 4737.4  | 4282.1 | 3817.6 | 3433.3 | 3061.7 | 2726.5 | 2425.8 | 2145.8 | 1916.6 | 1699.2 |
| -40°   | 4292.3  | 3908.0  | 3589.1 | 3249.7 | 2954.6 | 2658.9 | 2398.5 | 2143.1 | 1937.2 | 1735.7 | 1547.2 |
| -42.5° | 3534.3  | 3270.5  | 3022.2 | 2785.7 | 2542.0 | 2321.1 | 2103.3 | 1919.0 | 1737.8 | 1567.7 | 1413.2 |
| -45°   | 2945.0  | 2764.0  | 2568.4 | 2390.1 | 2196.6 | 2028.7 | 1865.1 | 1709.6 | 1555.2 | 1417.8 | 1280.8 |
| -47.5° | 2483.9  | 2348.1  | 2195.8 | 2055.5 | 1917.8 | 1778.7 | 1650.5 | 1515.2 | 1397.7 | 1276.0 | 1168.7 |
| -50°   | 2104.8  | 2002.1  | 1890.7 | 1777.7 | 1673.8 | 1561.6 | 1457.3 | 1355.1 | 1252.6 | 1156.0 | 1059.4 |
| -52.5° | 1788.2  | 1715.8  | 1634.9 | 1545.2 | 1461.4 | 1376.4 | 1287.7 | 1210.0 | 1125.3 | 1041.9 | 958.9  |
| -55°   | 1539.8  | 1481.7  | 1418.6 | 1349.4 | 1278.0 | 1213.8 | 1145.6 | 1077.2 | 1007.9 | 932.8  | 866.1  |
| -57.5° | 1330.3  | 1282.1  | 1232.8 | 1179.9 | 1123.7 | 1069.7 | 1013.9 | 954.1  | 897.1  | 837.4  | 777.1  |
| -60°   | 1147.8  | 1108.8  | 1071.1 | 1030.1 | 985.9  | 938.4  | 892.5  | 844.4  | 794.1  | 744.9  | 694.4  |
| -62.5° | 982.4   | 960.7   | 926.0  | 890.2  | 855.5  | 820.4  | 778.6  | 736.4  | 695.9  | 654.9  | 612.7  |
| -65°   | 820.6   | 798.4   | 773.2  | 751.4  | 725.4  | 694.7  | 660.2  | 630.1  | 600.4  | 567.8  | 531.6  |
| -67.5° | 680.1   | 663.5   | 644.6  | 624.5  | 605.2  | 582.7  | 559.8  | 535.0  | 509.4  | 480.4  | 452.9  |
| -70°   | 567.1   | 556.6   | 543.2  | 526.3  | 508.6  | 489.7  | 470.3  | 448.6  | 423.3  | 395.7  | 373.8  |
| -72.5° | 474.8   | 468.3   | 458.4  | 443.4  | 426.4  | 408.5  | 389.8  | 368.5  | 344.2  | 316.5  | 295.7  |
| -75°   | 392.1   | 387.7   | 380.2  | 366.0  | 350.7  | 334.2  | 316.4  | 294.8  | 269.9  | 241.7  | 221.2  |
| -77.5° | 308.3   | 306.3   | 302.1  | 290.5  | 278.9  | 267.1  | 252.2  | 227.1  | 202.1  | 178.0  | 162.4  |
| -80°   | 221.8   | 221.9   | 219.7  | 211.1  | 202.1  | 192.7  | 181.3  | 161.9  | 143.2  | 125.8  | 113.5  |
| -82.5° | 140.4   | 137.9   | 134.7  | 130.1  | 125.3  | 120.6  | 115.2  | 102.9  | 91.2   | 79.9   | 70.6   |
| -85°   | 62.6    | 60.9    | 59.0   | 59.0   | 58.6   | 57.9   | 56.6   | 50.8   | 45.2   | 39.9   | 35.3   |
| -87.5° | 10.7    | 10.9    | 11.1   | 11.6   | 12.1   | 12.5   | 12.9   | 12.5   | 12.0   | 11.6   | 11.1   |
| -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: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-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°  | 12.4   | 13.4   | 14.3   | 15.0   | 15.4   | 15.7   | 15.7   | 15.5  | 14.8  | 14.0  | 13.0  |
| 85°    | 36.9   | 37.7   | 37.5   | 36.4   | 34.0   | 31.4   | 31.4   | 31.0  | 29.7  | 28.0  | 25.9  |
| 82.5°  | 73.3   | 75.6   | 76.9   | 76.4   | 71.7   | 66.6   | 61.3   | 55.7  | 49.7  | 42.9  | 38.9  |
| 80°    | 117.8  | 120.4  | 121.3  | 119.3  | 110.9  | 101.8  | 94.0   | 85.9  | 78.0  | 69.0  | 59.0  |
| 77.5°  | 165.8  | 167.8  | 168.2  | 165.2  | 154.5  | 142.9  | 130.5  | 117.4 | 106.3 | 95.2  | 82.7  |
| 75°    | 217.5  | 218.1  | 217.7  | 212.0  | 198.9  | 184.0  | 168.9  | 152.7 | 136.4 | 121.3 | 106.3 |
| 72.5°  | 284.5  | 275.4  | 268.5  | 259.5  | 245.0  | 228.2  | 209.0  | 187.4 | 166.8 | 147.5 | 129.5 |
| 70°    | 354.7  | 335.3  | 320.3  | 306.5  | 290.5  | 272.7  | 251.4  | 224.3 | 196.7 | 173.3 | 151.4 |
| 67.5°  | 427.9  | 403.9  | 379.8  | 354.6  | 334.9  | 314.8  | 293.2  | 260.6 | 227.6 | 198.5 | 172.8 |
| 65°    | 499.1  | 469.6  | 442.3  | 409.5  | 380.9  | 356.4  | 332.0  | 295.1 | 257.4 | 223.4 | 193.7 |
| 62.5°  | 570.9  | 531.3  | 497.0  | 461.6  | 427.0  | 396.7  | 369.2  | 327.1 | 285.9 | 247.3 | 213.6 |
| 60°    | 644.7  | 598.2  | 551.6  | 510.7  | 471.6  | 434.8  | 400.6  | 358.2 | 313.5 | 270.1 | 232.4 |
| 57.5°  | 721.2  | 665.3  | 612.0  | 561.1  | 515.5  | 473.2  | 430.7  | 386.8 | 340.2 | 293.2 | 249.4 |
| 55°    | 798.3  | 735.2  | 672.6  | 614.2  | 560.3  | 512.1  | 462.1  | 414.2 | 365.8 | 315.8 | 262.9 |
| 52.5°  | 881.1  | 807.1  | 736.6  | 668.3  | 606.6  | 550.0  | 495.6  | 441.0 | 390.2 | 337.5 | 277.6 |
| 50°    | 968.8  | 883.3  | 802.8  | 726.4  | 652.6  | 589.5  | 528.3  | 470.4 | 413.9 | 358.4 | 291.5 |
| 47.5°  | 1061.0 | 964.2  | 872.5  | 785.0  | 704.9  | 627.8  | 562.4  | 499.2 | 437.0 | 379.0 | 304.1 |
| 45°    | 1162.4 | 1047.4 | 944.1  | 848.1  | 754.9  | 671.3  | 596.1  | 527.1 | 462.0 | 393.8 | 315.4 |
| 42.5°  | 1264.4 | 1137.0 | 1018.3 | 909.1  | 809.5  | 715.2  | 628.4  | 556.0 | 486.1 | 407.3 | 326.5 |
| 40°    | 1382.0 | 1228.7 | 1093.1 | 974.7  | 863.4  | 757.1  | 665.6  | 583.9 | 508.6 | 420.7 | 337.2 |
| 37.5°  | 1496.6 | 1327.4 | 1174.6 | 1037.2 | 916.4  | 804.4  | 701.6  | 610.4 | 526.3 | 435.4 | 346.9 |
| 35°    | 1631.7 | 1429.3 | 1252.2 | 1103.4 | 971.2  | 849.4  | 735.4  | 637.6 | 545.7 | 449.5 | 355.6 |
| 32.5°  | 1763.0 | 1533.1 | 1339.7 | 1171.2 | 1022.8 | 892.0  | 771.3  | 665.3 | 565.4 | 462.9 | 363.2 |
| 30°    | 1907.2 | 1646.0 | 1422.1 | 1234.7 | 1074.1 | 935.9  | 807.5  | 691.4 | 585.4 | 475.5 | 370.6 |
| 27.5°  | 2045.7 | 1750.1 | 1502.3 | 1301.9 | 1128.3 | 976.9  | 840.9  | 715.9 | 605.4 | 488.7 | 379.8 |
| 25°    | 2183.0 | 1862.4 | 1590.7 | 1366.0 | 1178.1 | 1014.2 | 871.6  | 738.8 | 625.0 | 503.5 | 388.0 |
| 22.5°  | 2331.9 | 1971.2 | 1670.3 | 1423.6 | 1223.1 | 1048.3 | 900.9  | 763.8 | 643.0 | 517.6 | 395.2 |
| 20°    | 2468.9 | 2069.4 | 1741.5 | 1478.7 | 1267.8 | 1085.0 | 928.4  | 786.2 | 659.2 | 530.9 | 401.3 |
| 17.5°  | 2598.1 | 2169.2 | 1820.8 | 1538.3 | 1310.1 | 1117.5 | 952.5  | 805.9 | 673.5 | 543.1 | 406.3 |
| 15°    | 2733.7 | 2268.3 | 1892.2 | 1589.9 | 1346.7 | 1145.4 | 973.3  | 822.8 | 685.8 | 554.0 | 410.9 |
| 12.5°  | 2849.5 | 2352.2 | 1952.2 | 1633.3 | 1377.5 | 1168.9 | 990.6  | 836.9 | 696.0 | 563.4 | 415.1 |
| 10°    | 2944.9 | 2420.3 | 2000.6 | 1668.3 | 1402.2 | 1187.6 | 1004.3 | 848.3 | 704.6 | 570.6 | 417.5 |
| 7.5°   | 3019.1 | 2472.3 | 2037.2 | 1694.9 | 1421.2 | 1202.3 | 1015.8 | 857.1 | 711.2 | 575.7 | 418.0 |
| 5°     | 3071.1 | 2508.5 | 2064.0 | 1713.5 | 1435.6 | 1212.8 | 1024.0 | 863.0 | 715.7 | 578.4 | 416.7 |
| 2.5°   | 3098.4 | 2529.1 | 2080.5 | 1723.4 | 1443.9 | 1218.5 | 1028.6 | 865.9 | 717.9 | 578.8 | 413.9 |
| 0°     | 3102.6 | 2532.9 | 2085.2 | 1724.6 | 1445.9 | 1219.4 | 1029.6 | 865.8 | 717.7 | 576.6 | 409.4 |
| -2.5°  | 3098.4 | 2529.1 | 2080.5 | 1723.4 | 1443.9 | 1218.5 | 1028.6 | 865.9 | 717.9 | 578.8 | 413.9 |
| -5°    | 3071.1 | 2508.5 | 2064.0 | 1713.5 | 1435.6 | 1212.8 | 1024.0 | 863.0 | 715.7 | 578.4 | 416.7 |
| -7.5°  | 3019.1 | 2472.3 | 2037.2 | 1694.9 | 1421.2 | 1202.3 | 1015.8 | 857.1 | 711.2 | 575.7 | 418.0 |
| -10°   | 2944.9 | 2420.3 | 2000.6 | 1668.3 | 1402.2 | 1187.6 | 1004.3 | 848.3 | 704.6 | 570.6 | 417.5 |
| -12.5° | 2849.5 | 2352.2 | 1952.2 | 1633.3 | 1377.5 | 1168.9 | 990.6  | 836.9 | 696.0 | 563.4 | 415.1 |
| -15°   | 2733.7 | 2268.3 | 1892.2 | 1589.9 | 1346.7 | 1145.4 | 973.3  | 822.8 | 685.8 | 554.0 | 410.9 |
| -17.5° | 2598.1 | 2169.2 | 1820.8 | 1538.3 | 1310.1 | 1117.5 | 952.5  | 805.9 | 673.5 | 543.1 | 406.3 |
| -20°   | 2468.9 | 2069.4 | 1741.5 | 1478.7 | 1267.8 | 1085.0 | 928.4  | 786.2 | 659.2 | 530.9 | 401.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°    | 57.5°  | 60°    | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2331.9 | 1971.2 | 1670.3 | 1423.6 | 1223.1 | 1048.3 | 900.9 | 763.8 | 643.0 | 517.6 | 395.2 |
| -25°   | 2183.0 | 1862.4 | 1590.7 | 1366.0 | 1178.1 | 1014.2 | 871.6 | 738.8 | 625.0 | 503.5 | 388.0 |
| -27.5° | 2045.7 | 1750.1 | 1502.3 | 1301.9 | 1128.3 | 976.9  | 840.9 | 715.9 | 605.4 | 488.7 | 379.8 |
| -30°   | 1907.2 | 1646.0 | 1422.1 | 1234.7 | 1074.1 | 935.9  | 807.5 | 691.4 | 585.4 | 475.5 | 370.6 |
| -32.5° | 1763.0 | 1533.1 | 1339.7 | 1171.2 | 1022.8 | 892.0  | 771.3 | 665.3 | 565.4 | 462.9 | 363.2 |
| -35°   | 1631.7 | 1429.3 | 1252.2 | 1103.4 | 971.2  | 849.4  | 735.4 | 637.6 | 545.7 | 449.5 | 355.6 |
| -37.5° | 1496.6 | 1327.4 | 1174.6 | 1037.2 | 916.4  | 804.4  | 701.6 | 610.4 | 526.3 | 435.4 | 346.9 |
| -40°   | 1382.0 | 1228.7 | 1093.1 | 974.7  | 863.4  | 757.1  | 665.6 | 583.9 | 508.6 | 420.7 | 337.2 |
| -42.5° | 1264.4 | 1137.0 | 1018.3 | 909.1  | 809.5  | 715.2  | 628.4 | 556.0 | 486.1 | 407.3 | 326.5 |
| -45°   | 1162.4 | 1047.4 | 944.1  | 848.1  | 754.9  | 671.3  | 596.1 | 527.1 | 462.0 | 393.8 | 315.4 |
| -47.5° | 1061.0 | 964.2  | 872.5  | 785.0  | 704.9  | 627.8  | 562.4 | 499.2 | 437.0 | 379.0 | 304.1 |
| -50°   | 968.8  | 883.3  | 802.8  | 726.4  | 652.6  | 589.5  | 528.3 | 470.4 | 413.9 | 358.4 | 291.5 |
| -52.5° | 881.1  | 807.1  | 736.6  | 668.3  | 606.6  | 550.0  | 495.6 | 441.0 | 390.2 | 337.5 | 277.6 |
| -55°   | 798.3  | 735.2  | 672.6  | 614.2  | 560.3  | 512.1  | 462.1 | 414.2 | 365.8 | 315.8 | 262.9 |
| -57.5° | 721.2  | 665.3  | 612.0  | 561.1  | 515.5  | 473.2  | 430.7 | 386.8 | 340.2 | 293.2 | 249.4 |
| -60°   | 644.7  | 598.2  | 551.6  | 510.7  | 471.6  | 434.8  | 400.6 | 358.2 | 313.5 | 270.1 | 232.4 |
| -62.5° | 570.9  | 531.3  | 497.0  | 461.6  | 427.0  | 396.7  | 369.2 | 327.1 | 285.9 | 247.3 | 213.6 |
| -65°   | 499.1  | 469.6  | 442.3  | 409.5  | 380.9  | 356.4  | 332.0 | 295.1 | 257.4 | 223.4 | 193.7 |
| -67.5° | 427.9  | 403.9  | 379.8  | 354.6  | 334.9  | 314.8  | 293.2 | 260.6 | 227.6 | 198.5 | 172.8 |
| -70°   | 354.7  | 335.3  | 320.3  | 306.5  | 290.5  | 272.7  | 251.4 | 224.3 | 196.7 | 173.3 | 151.4 |
| -72.5° | 284.5  | 275.4  | 268.5  | 259.5  | 245.0  | 228.2  | 209.0 | 187.4 | 166.8 | 147.5 | 129.5 |
| -75°   | 217.5  | 218.1  | 217.7  | 212.0  | 198.9  | 184.0  | 168.9 | 152.7 | 136.4 | 121.3 | 106.3 |
| -77.5° | 165.8  | 167.8  | 168.2  | 165.2  | 154.5  | 142.9  | 130.5 | 117.4 | 106.3 | 95.2  | 82.7  |
| -80°   | 117.8  | 120.4  | 121.3  | 119.3  | 110.9  | 101.8  | 94.0  | 85.9  | 78.0  | 69.0  | 59.0  |
| -82.5° | 73.3   | 75.6   | 76.9   | 76.4   | 71.7   | 66.6   | 61.3  | 55.7  | 49.7  | 42.9  | 38.9  |
| -85°   | 36.9   | 37.7   | 37.5   | 36.4   | 34.0   | 31.4   | 31.4  | 31.0  | 29.7  | 28.0  | 25.9  |
| -87.5° | 12.4   | 13.4   | 14.3   | 15.0   | 15.4   | 15.7   | 15.7  | 15.5  | 14.8  | 14.0  | 13.0  |
| -90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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

Scaled Data Report



REPORT NUMBER: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-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°  | 11.7  | 9.1   | 6.8   | 4.7   | 2.9  | 1.3   | 0.0 |
| 85°    | 23.4  | 18.2  | 13.6  | 9.4   | 5.8  | 2.5   | 0.0 |
| 82.5°  | 35.0  | 27.3  | 20.3  | 14.1  | 8.6  | 3.7   | 0.0 |
| 80°    | 47.5  | 36.2  | 27.0  | 18.7  | 11.4 | 5.0   | 0.0 |
| 77.5°  | 67.8  | 47.1  | 33.5  | 23.3  | 14.2 | 6.2   | 0.0 |
| 75°    | 87.5  | 61.6  | 40.6  | 27.8  | 17.0 | 7.4   | 0.0 |
| 72.5°  | 106.6 | 75.6  | 50.3  | 32.1  | 19.6 | 8.6   | 0.0 |
| 70°    | 124.7 | 89.1  | 59.7  | 36.7  | 22.3 | 9.7   | 0.0 |
| 67.5°  | 140.5 | 102.0 | 68.6  | 42.5  | 24.8 | 10.9  | 0.0 |
| 65°    | 155.4 | 113.8 | 77.1  | 47.9  | 27.3 | 12.0  | 0.0 |
| 62.5°  | 169.5 | 124.6 | 85.2  | 53.1  | 29.6 | 13.0  | 0.0 |
| 60°    | 182.7 | 134.8 | 92.7  | 58.0  | 31.9 | 14.1  | 0.0 |
| 57.5°  | 194.7 | 144.2 | 99.6  | 62.5  | 34.7 | 15.1  | 0.0 |
| 55°    | 205.7 | 152.9 | 106.1 | 66.7  | 37.3 | 16.0  | 0.0 |
| 52.5°  | 215.8 | 160.9 | 112.1 | 70.6  | 39.9 | 17.0  | 0.0 |
| 50°    | 225.0 | 168.3 | 117.5 | 74.1  | 42.4 | 17.8  | 0.0 |
| 47.5°  | 233.5 | 174.9 | 122.3 | 77.2  | 44.7 | 18.6  | 0.0 |
| 45°    | 243.0 | 180.7 | 126.6 | 80.4  | 46.9 | 19.4  | 0.0 |
| 42.5°  | 251.6 | 185.8 | 130.3 | 83.2  | 49.0 | 20.2  | 0.0 |
| 40°    | 259.1 | 190.1 | 133.6 | 86.2  | 51.0 | 20.8  | 0.0 |
| 37.5°  | 265.4 | 193.6 | 136.5 | 89.3  | 52.8 | 21.5  | 0.0 |
| 35°    | 270.8 | 197.6 | 138.9 | 92.2  | 54.5 | 22.0  | 0.0 |
| 32.5°  | 275.6 | 201.3 | 140.8 | 94.8  | 56.0 | 22.5  | 0.0 |
| 30°    | 281.1 | 204.3 | 142.1 | 97.1  | 57.4 | 23.0  | 0.0 |
| 27.5°  | 285.5 | 206.3 | 145.1 | 99.2  | 58.7 | 23.4  | 0.0 |
| 25°    | 288.9 | 207.6 | 148.0 | 101.0 | 59.8 | 23.8  | 0.0 |
| 22.5°  | 291.4 | 209.2 | 150.6 | 102.5 | 60.8 | 24.1  | 0.0 |
| 20°    | 292.8 | 213.0 | 152.8 | 103.8 | 61.6 | 24.3  | 0.0 |
| 17.5°  | 296.1 | 216.1 | 154.6 | 104.8 | 62.3 | 24.5  | 0.0 |
| 15°    | 300.0 | 218.6 | 156.1 | 105.5 | 62.8 | 24.7  | 0.0 |
| 12.5°  | 302.9 | 220.3 | 157.2 | 106.0 | 63.1 | 24.7  | 0.0 |
| 10°    | 304.6 | 221.5 | 157.9 | 106.2 | 63.4 | 24.8  | 0.0 |
| 7.5°   | 305.4 | 221.9 | 158.2 | 106.2 | 63.4 | 24.8  | 0.0 |
| 5°     | 305.0 | 221.7 | 158.1 | 105.9 | 63.3 | 24.7  | 0.0 |
| 2.5°   | 303.7 | 220.9 | 157.7 | 105.3 | 63.1 | 24.6  | 0.0 |
| 0°     | 301.4 | 219.5 | 156.8 | 104.5 | 62.7 | 24.4  | 0.0 |
| -2.5°  | 303.7 | 220.9 | 157.7 | 105.3 | 63.1 | 24.6  | 0.0 |
| -5°    | 305.0 | 221.7 | 158.1 | 105.9 | 63.3 | 24.7  | 0.0 |
| -7.5°  | 305.4 | 221.9 | 158.2 | 106.2 | 63.4 | 24.8  | 0.0 |
| -10°   | 304.6 | 221.5 | 157.9 | 106.2 | 63.4 | 24.8  | 0.0 |
| -12.5° | 302.9 | 220.3 | 157.2 | 106.0 | 63.1 | 24.7  | 0.0 |
| -15°   | 300.0 | 218.6 | 156.1 | 105.5 | 62.8 | 24.7  | 0.0 |
| -17.5° | 296.1 | 216.1 | 154.6 | 104.8 | 62.3 | 24.5  | 0.0 |
| -20°   | 292.8 | 213.0 | 152.8 | 103.8 | 61.6 | 24.3  | 0.0 |

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Scaled Data Report



REPORT NUMBER: P627413 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°   | 77.5° | 80°   | 82.5° | 85°  | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| -22.5° | 291.4 | 209.2 | 150.6 | 102.5 | 60.8 | 24.1  | 0.0 |
| -25°   | 288.9 | 207.6 | 148.0 | 101.0 | 59.8 | 23.8  | 0.0 |
| -27.5° | 285.5 | 206.3 | 145.1 | 99.2  | 58.7 | 23.4  | 0.0 |
| -30°   | 281.1 | 204.3 | 142.1 | 97.1  | 57.4 | 23.0  | 0.0 |
| -32.5° | 275.6 | 201.3 | 140.8 | 94.8  | 56.0 | 22.5  | 0.0 |
| -35°   | 270.8 | 197.6 | 138.9 | 92.2  | 54.5 | 22.0  | 0.0 |
| -37.5° | 265.4 | 193.6 | 136.5 | 89.3  | 52.8 | 21.5  | 0.0 |
| -40°   | 259.1 | 190.1 | 133.6 | 86.2  | 51.0 | 20.8  | 0.0 |
| -42.5° | 251.6 | 185.8 | 130.3 | 83.2  | 49.0 | 20.2  | 0.0 |
| -45°   | 243.0 | 180.7 | 126.6 | 80.4  | 46.9 | 19.4  | 0.0 |
| -47.5° | 233.5 | 174.9 | 122.3 | 77.2  | 44.7 | 18.6  | 0.0 |
| -50°   | 225.0 | 168.3 | 117.5 | 74.1  | 42.4 | 17.8  | 0.0 |
| -52.5° | 215.8 | 160.9 | 112.1 | 70.6  | 39.9 | 17.0  | 0.0 |
| -55°   | 205.7 | 152.9 | 106.1 | 66.7  | 37.3 | 16.0  | 0.0 |
| -57.5° | 194.7 | 144.2 | 99.6  | 62.5  | 34.7 | 15.1  | 0.0 |
| -60°   | 182.7 | 134.8 | 92.7  | 58.0  | 31.9 | 14.1  | 0.0 |
| -62.5° | 169.5 | 124.6 | 85.2  | 53.1  | 29.6 | 13.0  | 0.0 |
| -65°   | 155.4 | 113.8 | 77.1  | 47.9  | 27.3 | 12.0  | 0.0 |
| -67.5° | 140.5 | 102.0 | 68.6  | 42.5  | 24.8 | 10.9  | 0.0 |
| -70°   | 124.7 | 89.1  | 59.7  | 36.7  | 22.3 | 9.7   | 0.0 |
| -72.5° | 106.6 | 75.6  | 50.3  | 32.1  | 19.6 | 8.6   | 0.0 |
| -75°   | 87.5  | 61.6  | 40.6  | 27.8  | 17.0 | 7.4   | 0.0 |
| -77.5° | 67.8  | 47.1  | 33.5  | 23.3  | 14.2 | 6.2   | 0.0 |
| -80°   | 47.5  | 36.2  | 27.0  | 18.7  | 11.4 | 5.0   | 0.0 |
| -82.5° | 35.0  | 27.3  | 20.3  | 14.1  | 8.6  | 3.7   | 0.0 |
| -85°   | 23.4  | 18.2  | 13.6  | 9.4   | 5.8  | 2.5   | 0.0 |
| -87.5° | 11.7  | 9.1   | 6.8   | 4.7   | 2.9  | 1.3   | 0.0 |
| -90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0 |

(END OF REPORT)