

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-727-U-VWR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2B-727-U-VWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, VERY WIDE SYMMETRICAL ROUND N41  
Light Source: (32) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

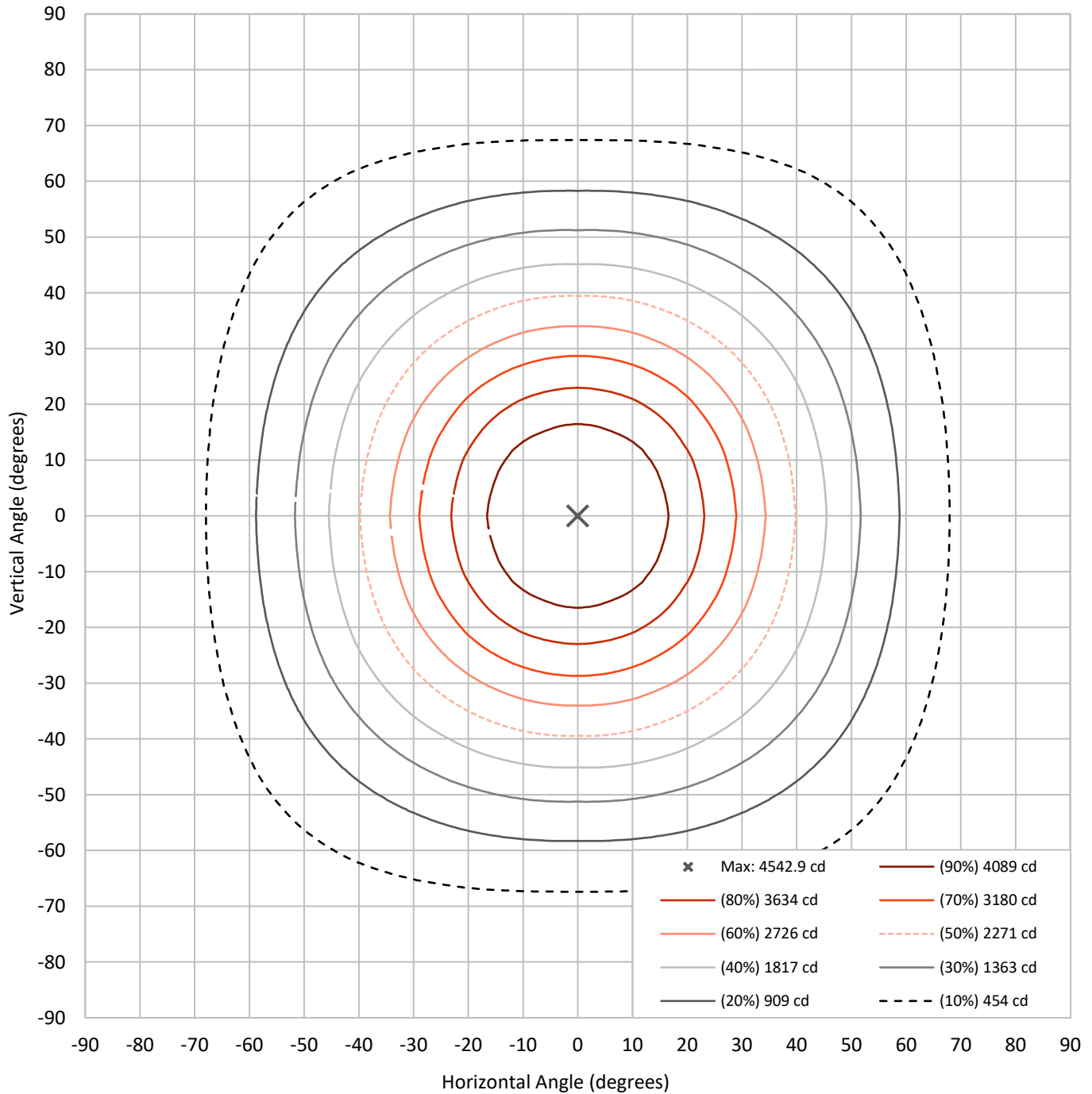
**Summary**

|                                   |                                      |                      |                   |
|-----------------------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 8210.8 lumens                        | Max Intensity:       | 4542.9 candela    |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 129.1 lumens/watt                    |                      |                   |
| Luminous Opening:                 | Rectangular (W 1' x L: 0.5' x H: 0') |                      |                   |
| Beam Angle (50%):                 | 79.6°H x 78.9°V                      | Field Angle (10%):   | 135.9°H x 134.8°V |
| Beam Lumens:                      | 4815.7 lumens                        | Field Lumens:        | 7827.6 lumens     |
| Beam Efficiency:                  | 58.7%                                | Field Efficiency:    | 95.3%             |
| Input Watts (W):                  | 63.6                                 |                      |                   |
| Input Voltage (V):                | 120                                  |                      |                   |
| Input Current (Ain):              | NR                                   |                      |                   |
| Voltage Rise (V):                 | NR                                   |                      |                   |
| Power Factor:                     | NR                                   |                      |                   |
| Total Harmonic Distortion (THDi): | NR                                   |                      |                   |
| Frequency (hertz):                | 60                                   |                      |                   |
| Stabilization Time:               | NR                                   |                      |                   |
| Operation Time:                   | NR                                   |                      |                   |
| Ambient Temperature (°C):         | NR                                   |                      |                   |
| Test Distance:                    | 25 FT                                |                      |                   |



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### Iso-Candela Plot





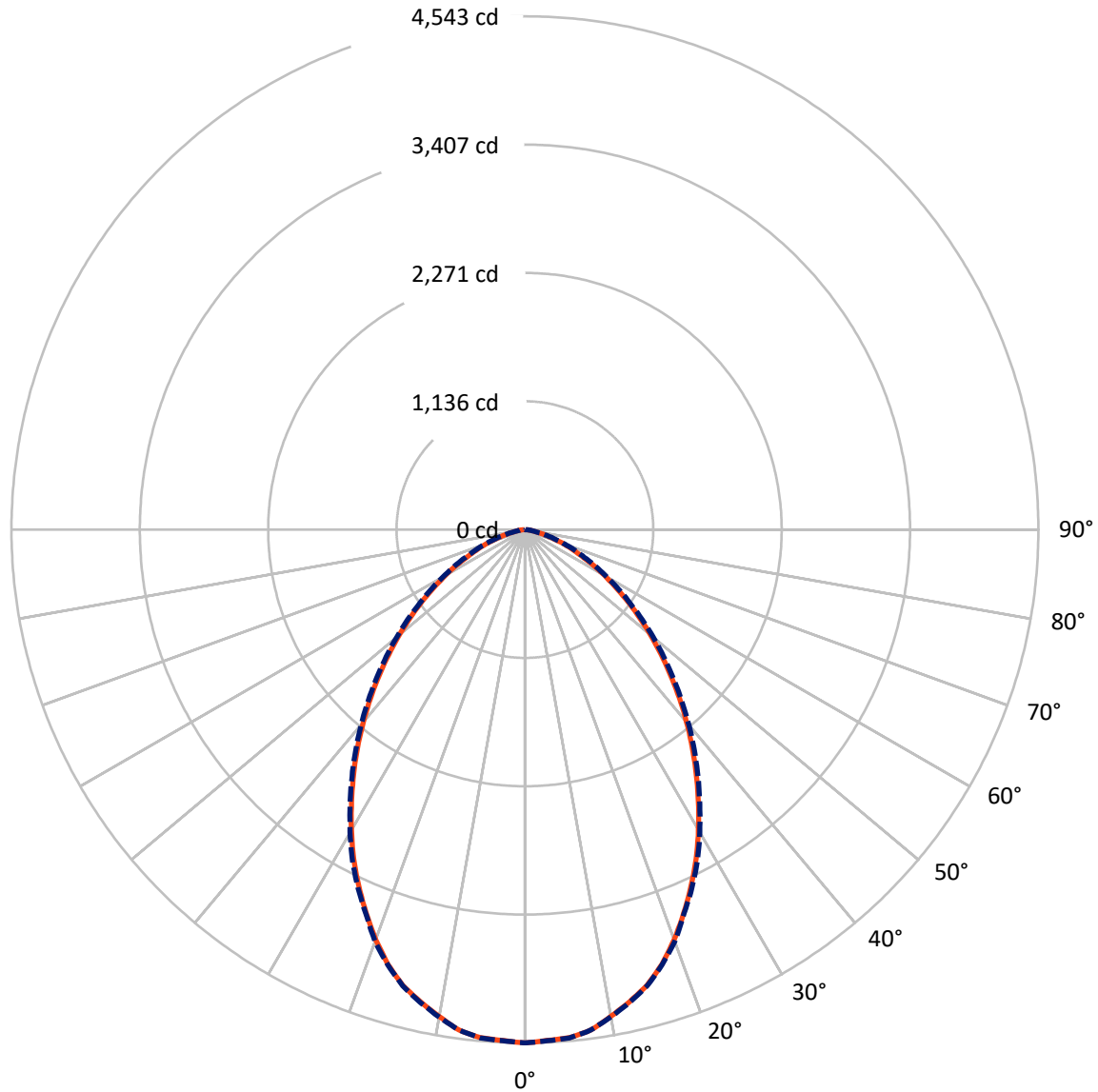
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### Lumen Table

|     |     |     |      |      |      |      |       |       |       |       |      |      |      |      |     |     |    |    |    |
|-----|-----|-----|------|------|------|------|-------|-------|-------|-------|------|------|------|------|-----|-----|----|----|----|
| 90  |     |     |      |      |      |      |       |       |       |       |      |      |      |      |     |     |    |    |    |
| 80  | 0.3 | 3.4 | 9.2  | 15.6 | 14.7 | 15.6 | 9.2   | 3.4   | 0.3   |       |      |      |      |      |     |     |    |    |    |
| 70  |     |     |      |      |      |      |       |       |       |       |      |      |      |      |     |     |    |    |    |
| 60  | 1.5 | 2.1 | 4.3  | 7.2  | 10.6 | 13.7 | 16.0  | 17.1  | 17.1  | 16.0  | 13.7 | 10.6 | 7.2  | 4.3  | 2.1 | 1.5 |    |    |    |
| 50  |     | 3.2 | 6.9  | 12.3 | 18.6 | 25.3 | 30.9  | 33.7  | 33.7  | 30.9  | 25.3 | 18.6 | 12.3 | 6.9  | 3.2 |     |    |    |    |
| 40  | 2.7 | 4.2 | 10.0 | 18.4 | 29.2 | 40.5 | 49.9  | 55.1  | 55.1  | 49.9  | 40.5 | 29.2 | 18.4 | 10.0 | 4.2 | 2.7 |    |    |    |
| 30  |     | 5.4 | 13.2 | 25.4 | 40.9 | 57.3 | 71.4  | 79.3  | 79.3  | 71.4  | 57.3 | 40.9 | 25.4 | 13.2 | 5.4 |     |    |    |    |
| 20  | 3.4 | 6.4 | 16.3 | 31.9 | 52.1 | 73.9 | 92.9  | 103.9 | 103.9 | 92.9  | 73.9 | 52.1 | 31.9 | 16.3 | 6.4 | 3.4 |    |    |    |
| 10  |     | 7.2 | 18.6 | 36.8 | 60.8 | 87.3 | 110.8 | 124.1 | 124.1 | 110.8 | 87.3 | 60.8 | 36.8 | 18.6 | 7.2 |     |    |    |    |
| 0   | 3.7 | 7.7 | 19.9 | 39.6 | 65.6 | 94.8 | 120.4 | 134.4 | 134.4 | 120.4 | 94.8 | 65.6 | 39.6 | 19.9 | 7.7 | 3.7 |    |    |    |
| -10 |     | 7.7 | 19.9 | 39.6 | 65.6 | 94.8 | 120.4 | 134.4 | 134.4 | 120.4 | 94.8 | 65.6 | 39.6 | 19.9 | 7.7 |     |    |    |    |
| -20 | 3.4 | 7.2 | 18.6 | 36.8 | 60.8 | 87.3 | 110.8 | 124.1 | 124.1 | 110.8 | 87.3 | 60.8 | 36.8 | 18.6 | 7.2 | 3.4 |    |    |    |
| -30 |     | 6.4 | 16.3 | 31.9 | 52.1 | 73.9 | 92.9  | 103.9 | 103.9 | 92.9  | 73.9 | 52.1 | 31.9 | 16.3 | 6.4 |     |    |    |    |
| -40 | 2.7 | 5.4 | 13.2 | 25.4 | 40.9 | 57.3 | 71.4  | 79.3  | 79.3  | 71.4  | 57.3 | 40.9 | 25.4 | 13.2 | 5.4 | 2.7 |    |    |    |
| -50 |     | 4.2 | 10.0 | 18.4 | 29.2 | 40.5 | 49.9  | 55.1  | 55.1  | 49.9  | 40.5 | 29.2 | 18.4 | 10.0 | 4.2 |     |    |    |    |
| -60 | 1.5 | 3.2 | 6.9  | 12.3 | 18.6 | 25.3 | 30.9  | 33.7  | 33.7  | 30.9  | 25.3 | 18.6 | 12.3 | 6.9  | 3.2 | 1.5 |    |    |    |
| -70 |     | 2.1 | 4.3  | 7.2  | 10.6 | 13.7 | 16.0  | 17.1  | 17.1  | 16.0  | 13.7 | 10.6 | 7.2  | 4.3  | 2.1 |     |    |    |    |
| -80 | 0.3 | 3.4 | 9.2  | 15.6 | 14.7 | 15.6 | 9.2   | 3.4   | 0.3   |       |      |      |      |      |     |     |    |    |    |
| -90 |     |     |      |      |      |      |       |       |       |       |      |      |      |      |     |     |    |    |    |
|     | -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-SA2B-727-U-VWR-XX

### Luminous Intensity Polar Plot

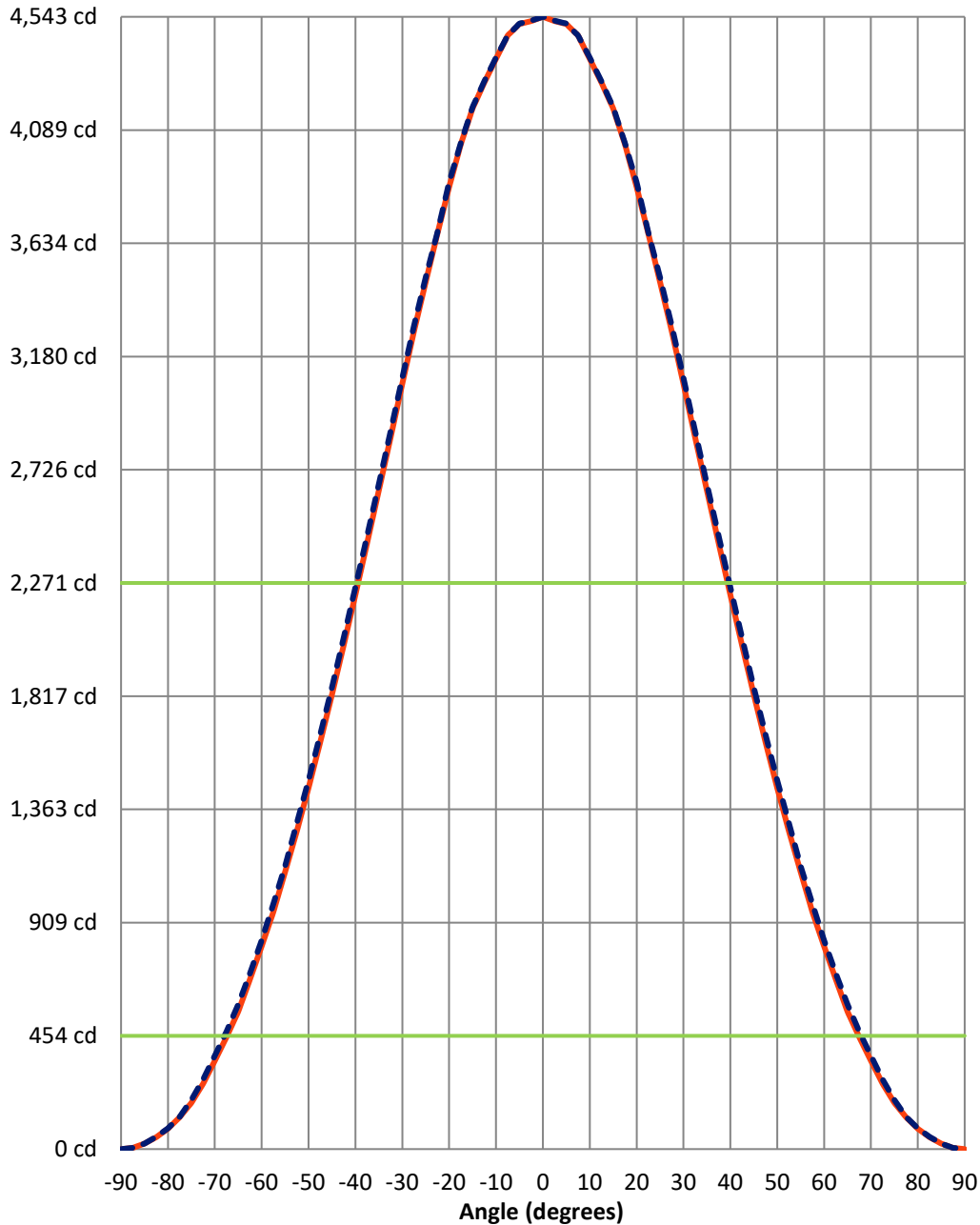


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 4815.7  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 7827.6  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 383.2  
 Efficiency: 4.7%

— 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  | 0.3    | 0.6  | 0.9    | 1.2  | 1.5    | 1.8   | 2.0    | 2.3   | 2.6    | 2.9   |
| 85°    | 0.0  | 0.5    | 1.2  | 1.8    | 2.4  | 2.9    | 3.5   | 4.1    | 4.6   | 5.2    | 5.7   |
| 82.5°  | 0.0  | 0.8    | 1.8  | 2.7    | 3.5  | 4.4    | 5.3   | 6.1    | 7.7   | 12.1   | 16.3  |
| 80°    | 0.0  | 1.0    | 2.3  | 3.5    | 4.7  | 5.9    | 7.9   | 14.1   | 20.1  | 25.8   | 31.3  |
| 77.5°  | 0.0  | 1.3    | 2.9  | 4.4    | 5.9  | 9.2    | 17.3  | 25.1   | 32.4  | 39.5   | 48.2  |
| 75°    | 0.0  | 1.5    | 3.5  | 5.3    | 7.6  | 15.9   | 26.4  | 36.0   | 45.2  | 57.8   | 71.2  |
| 72.5°  | 0.0  | 1.8    | 4.0  | 6.1    | 12.2 | 22.4   | 35.3  | 47.7   | 62.1  | 77.4   | 93.7  |
| 70°    | 0.0  | 2.0    | 4.6  | 7.3    | 16.6 | 28.7   | 44.1  | 61.7   | 78.6  | 96.7   | 117.9 |
| 67.5°  | 0.0  | 2.3    | 5.1  | 10.0   | 20.8 | 34.8   | 54.7  | 75.4   | 94.8  | 117.7  | 141.9 |
| 65°    | 0.0  | 2.5    | 5.6  | 12.7   | 24.8 | 41.5   | 64.8  | 88.7   | 112.3 | 138.0  | 164.4 |
| 62.5°  | 0.0  | 2.7    | 6.1  | 15.1   | 28.6 | 48.9   | 74.5  | 102.6  | 129.3 | 157.5  | 184.5 |
| 60°    | 0.0  | 2.9    | 6.6  | 17.5   | 32.2 | 55.9   | 83.5  | 116.4  | 145.6 | 175.7  | 204.4 |
| 57.5°  | 0.0  | 3.1    | 7.9  | 19.7   | 37.0 | 62.5   | 93.1  | 129.3  | 161.6 | 193.5  | 223.2 |
| 55°    | 0.0  | 3.3    | 9.2  | 21.8   | 41.6 | 68.6   | 102.1 | 140.5  | 177.4 | 210.8  | 241.3 |
| 52.5°  | 0.0  | 3.5    | 10.4 | 23.7   | 45.8 | 74.4   | 110.5 | 152.0  | 192.9 | 226.7  | 258.9 |
| 50°    | 0.0  | 3.7    | 11.6 | 25.4   | 49.7 | 80.5   | 118.2 | 163.0  | 207.5 | 242.1  | 279.1 |
| 47.5°  | 0.0  | 3.9    | 12.7 | 27.2   | 53.3 | 86.1   | 125.4 | 173.2  | 220.8 | 257.1  | 298.9 |
| 45°    | 0.0  | 4.0    | 13.8 | 29.6   | 56.5 | 91.2   | 133.4 | 182.7  | 231.1 | 274.0  | 317.8 |
| 42.5°  | 0.0  | 4.2    | 14.8 | 31.7   | 59.3 | 95.7   | 140.8 | 191.3  | 241.0 | 290.1  | 340.1 |
| 40°    | 0.0  | 4.3    | 15.8 | 33.9   | 62.2 | 99.7   | 147.4 | 199.5  | 251.3 | 305.3  | 361.8 |
| 37.5°  | 0.0  | 4.5    | 16.7 | 36.1   | 65.0 | 103.0  | 153.4 | 207.3  | 262.8 | 319.7  | 382.1 |
| 35°    | 0.0  | 4.6    | 17.5 | 38.1   | 67.4 | 106.9  | 158.6 | 214.6  | 274.0 | 336.2  | 402.6 |
| 32.5°  | 0.0  | 4.7    | 18.3 | 40.0   | 69.5 | 110.8  | 163.5 | 221.5  | 285.0 | 352.1  | 424.4 |
| 30°    | 0.0  | 4.8    | 19.0 | 41.7   | 71.1 | 114.1  | 168.6 | 228.4  | 295.5 | 367.3  | 444.7 |
| 27.5°  | 0.0  | 4.9    | 19.6 | 43.2   | 73.5 | 116.9  | 173.1 | 236.3  | 306.3 | 381.8  | 463.5 |
| 25°    | 0.0  | 4.9    | 20.2 | 44.6   | 75.8 | 119.1  | 177.1 | 243.7  | 317.6 | 396.4  | 481.0 |
| 22.5°  | 0.0  | 5.0    | 20.7 | 45.9   | 77.8 | 121.3  | 180.5 | 250.5  | 328.0 | 410.4  | 499.5 |
| 20°    | 0.0  | 5.1    | 21.1 | 46.9   | 79.5 | 124.3  | 183.4 | 256.6  | 337.4 | 422.8  | 516.1 |
| 17.5°  | 0.0  | 5.1    | 21.5 | 47.8   | 81.0 | 126.8  | 186.9 | 262.0  | 345.8 | 433.7  | 530.8 |
| 15°    | 0.0  | 5.1    | 21.8 | 48.5   | 82.2 | 128.7  | 190.6 | 267.1  | 353.2 | 443.1  | 543.4 |
| 12.5°  | 0.0  | 5.2    | 22.0 | 49.1   | 83.0 | 130.1  | 193.6 | 271.9  | 359.8 | 450.8  | 554.0 |
| 10°    | 0.0  | 5.2    | 22.2 | 49.5   | 83.7 | 130.9  | 195.8 | 275.6  | 365.5 | 458.1  | 562.9 |
| 7.5°   | 0.0  | 5.2    | 22.2 | 49.7   | 84.0 | 131.3  | 197.4 | 278.2  | 369.8 | 464.0  | 570.7 |
| 5°     | 0.0  | 5.2    | 22.3 | 49.8   | 84.1 | 131.1  | 198.2 | 279.7  | 372.9 | 468.2  | 576.2 |
| 2.5°   | 0.0  | 5.1    | 22.2 | 49.7   | 83.9 | 130.5  | 198.2 | 280.0  | 374.5 | 470.8  | 579.5 |
| 0°     | 0.0  | 5.1    | 22.1 | 49.4   | 83.4 | 129.4  | 197.5 | 279.2  | 374.6 | 471.7  | 580.6 |
| -2.5°  | 0.0  | 5.1    | 22.2 | 49.7   | 83.9 | 130.5  | 198.2 | 280.0  | 374.5 | 470.8  | 579.5 |
| -5°    | 0.0  | 5.2    | 22.3 | 49.8   | 84.1 | 131.1  | 198.2 | 279.7  | 372.9 | 468.2  | 576.2 |
| -7.5°  | 0.0  | 5.2    | 22.2 | 49.7   | 84.0 | 131.3  | 197.4 | 278.2  | 369.8 | 464.0  | 570.7 |
| -10°   | 0.0  | 5.2    | 22.2 | 49.5   | 83.7 | 130.9  | 195.8 | 275.6  | 365.5 | 458.1  | 562.9 |
| -12.5° | 0.0  | 5.2    | 22.0 | 49.1   | 83.0 | 130.1  | 193.6 | 271.9  | 359.8 | 450.8  | 554.0 |
| -15°   | 0.0  | 5.1    | 21.8 | 48.5   | 82.2 | 128.7  | 190.6 | 267.1  | 353.2 | 443.1  | 543.4 |
| -17.5° | 0.0  | 5.1    | 21.5 | 47.8   | 81.0 | 126.8  | 186.9 | 262.0  | 345.8 | 433.7  | 530.8 |
| -20°   | 0.0  | 5.1    | 21.1 | 46.9   | 79.5 | 124.3  | 183.4 | 256.6  | 337.4 | 422.8  | 516.1 |

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Scaled Data Report



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**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75°  | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0  | 5.0    | 20.7 | 45.9   | 77.8 | 121.3  | 180.5 | 250.5  | 328.0 | 410.4  | 499.5 |
| -25°   | 0.0  | 4.9    | 20.2 | 44.6   | 75.8 | 119.1  | 177.1 | 243.7  | 317.6 | 396.4  | 481.0 |
| -27.5° | 0.0  | 4.9    | 19.6 | 43.2   | 73.5 | 116.9  | 173.1 | 236.3  | 306.3 | 381.8  | 463.5 |
| -30°   | 0.0  | 4.8    | 19.0 | 41.7   | 71.1 | 114.1  | 168.6 | 228.4  | 295.5 | 367.3  | 444.7 |
| -32.5° | 0.0  | 4.7    | 18.3 | 40.0   | 69.5 | 110.8  | 163.5 | 221.5  | 285.0 | 352.1  | 424.4 |
| -35°   | 0.0  | 4.6    | 17.5 | 38.1   | 67.4 | 106.9  | 158.6 | 214.6  | 274.0 | 336.2  | 402.6 |
| -37.5° | 0.0  | 4.5    | 16.7 | 36.1   | 65.0 | 103.0  | 153.4 | 207.3  | 262.8 | 319.7  | 382.1 |
| -40°   | 0.0  | 4.3    | 15.8 | 33.9   | 62.2 | 99.7   | 147.4 | 199.5  | 251.3 | 305.3  | 361.8 |
| -42.5° | 0.0  | 4.2    | 14.8 | 31.7   | 59.3 | 95.7   | 140.8 | 191.3  | 241.0 | 290.1  | 340.1 |
| -45°   | 0.0  | 4.0    | 13.8 | 29.6   | 56.5 | 91.2   | 133.4 | 182.7  | 231.1 | 274.0  | 317.8 |
| -47.5° | 0.0  | 3.9    | 12.7 | 27.2   | 53.3 | 86.1   | 125.4 | 173.2  | 220.8 | 257.1  | 298.9 |
| -50°   | 0.0  | 3.7    | 11.6 | 25.4   | 49.7 | 80.5   | 118.2 | 163.0  | 207.5 | 242.1  | 279.1 |
| -52.5° | 0.0  | 3.5    | 10.4 | 23.7   | 45.8 | 74.4   | 110.5 | 152.0  | 192.9 | 226.7  | 258.9 |
| -55°   | 0.0  | 3.3    | 9.2  | 21.8   | 41.6 | 68.6   | 102.1 | 140.5  | 177.4 | 210.8  | 241.3 |
| -57.5° | 0.0  | 3.1    | 7.9  | 19.7   | 37.0 | 62.5   | 93.1  | 129.3  | 161.6 | 193.5  | 223.2 |
| -60°   | 0.0  | 2.9    | 6.6  | 17.5   | 32.2 | 55.9   | 83.5  | 116.4  | 145.6 | 175.7  | 204.4 |
| -62.5° | 0.0  | 2.7    | 6.1  | 15.1   | 28.6 | 48.9   | 74.5  | 102.6  | 129.3 | 157.5  | 184.5 |
| -65°   | 0.0  | 2.5    | 5.6  | 12.7   | 24.8 | 41.5   | 64.8  | 88.7   | 112.3 | 138.0  | 164.4 |
| -67.5° | 0.0  | 2.3    | 5.1  | 10.0   | 20.8 | 34.8   | 54.7  | 75.4   | 94.8  | 117.7  | 141.9 |
| -70°   | 0.0  | 2.0    | 4.6  | 7.3    | 16.6 | 28.7   | 44.1  | 61.7   | 78.6  | 96.7   | 117.9 |
| -72.5° | 0.0  | 1.8    | 4.0  | 6.1    | 12.2 | 22.4   | 35.3  | 47.7   | 62.1  | 77.4   | 93.7  |
| -75°   | 0.0  | 1.5    | 3.5  | 5.3    | 7.6  | 15.9   | 26.4  | 36.0   | 45.2  | 57.8   | 71.2  |
| -77.5° | 0.0  | 1.3    | 2.9  | 4.4    | 5.9  | 9.2    | 17.3  | 25.1   | 32.4  | 39.5   | 48.2  |
| -80°   | 0.0  | 1.0    | 2.3  | 3.5    | 4.7  | 5.9    | 7.9   | 14.1   | 20.1  | 25.8   | 31.3  |
| -82.5° | 0.0  | 0.8    | 1.8  | 2.7    | 3.5  | 4.4    | 5.3   | 6.1    | 7.7   | 12.1   | 16.3  |
| -85°   | 0.0  | 0.5    | 1.2  | 1.8    | 2.4  | 2.9    | 3.5   | 4.1    | 4.6   | 5.2    | 5.7   |
| -87.5° | 0.0  | 0.3    | 0.6  | 0.9    | 1.2  | 1.5    | 1.8   | 2.0    | 2.3   | 2.6    | 2.9   |
| -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-SA2B-727-U-VWR-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°  | 3.3    | 3.8   | 4.3    | 4.9    | 4.9    | 4.9    | 4.9    | 4.8    | 5.0    | 5.2    | 5.4    |
| 85°    | 6.7    | 7.6   | 10.6   | 13.5   | 14.9   | 15.7   | 16.1   | 16.0   | 18.6   | 21.7   | 24.9   |
| 82.5°  | 20.7   | 25.0  | 29.1   | 33.0   | 33.9   | 34.0   | 33.6   | 33.7   | 39.8   | 46.9   | 54.1   |
| 80°    | 36.9   | 42.3  | 49.5   | 55.9   | 58.6   | 60.0   | 60.7   | 60.6   | 68.3   | 78.7   | 89.5   |
| 77.5°  | 58.6   | 67.7  | 75.6   | 82.3   | 85.9   | 89.2   | 91.8   | 93.8   | 103.8  | 116.8  | 129.7  |
| 75°    | 83.2   | 93.2  | 103.1  | 111.8  | 117.8  | 122.3  | 126.5  | 133.3  | 146.3  | 161.5  | 174.8  |
| 72.5°  | 109.2  | 122.0 | 133.0  | 142.4  | 150.9  | 160.0  | 170.1  | 181.1  | 194.9  | 210.1  | 224.0  |
| 70°    | 137.0  | 151.0 | 162.6  | 173.9  | 185.5  | 199.0  | 214.2  | 229.1  | 244.5  | 261.2  | 277.4  |
| 67.5°  | 164.2  | 177.7 | 191.3  | 205.6  | 223.0  | 241.1  | 259.0  | 279.6  | 300.6  | 319.2  | 335.9  |
| 65°    | 187.7  | 203.6 | 220.7  | 240.1  | 261.5  | 284.5  | 308.4  | 333.1  | 359.8  | 382.2  | 402.6  |
| 62.5°  | 210.2  | 229.3 | 250.1  | 274.3  | 301.6  | 328.8  | 359.4  | 390.3  | 420.3  | 446.7  | 471.1  |
| 60°    | 231.0  | 254.2 | 280.4  | 310.0  | 341.9  | 378.2  | 412.9  | 448.1  | 481.0  | 510.8  | 541.7  |
| 57.5°  | 251.2  | 280.3 | 311.9  | 347.4  | 387.8  | 428.5  | 469.3  | 507.1  | 544.4  | 580.8  | 615.6  |
| 55°    | 272.6  | 307.7 | 345.2  | 388.9  | 434.3  | 482.4  | 526.4  | 568.6  | 609.7  | 653.8  | 695.8  |
| 52.5°  | 296.2  | 335.3 | 382.3  | 431.2  | 483.6  | 535.3  | 583.6  | 631.7  | 681.3  | 731.3  | 785.9  |
| 50°    | 318.9  | 367.8 | 419.2  | 476.0  | 532.7  | 588.0  | 643.5  | 698.8  | 758.3  | 819.6  | 881.5  |
| 47.5°  | 345.4  | 398.8 | 459.5  | 520.4  | 582.4  | 644.0  | 705.7  | 772.6  | 840.2  | 911.3  | 979.8  |
| 45°    | 372.3  | 432.2 | 497.7  | 566.6  | 633.6  | 701.8  | 774.0  | 847.9  | 927.2  | 1005.3 | 1087.7 |
| 42.5°  | 397.7  | 465.5 | 537.7  | 612.1  | 686.6  | 762.8  | 842.2  | 928.5  | 1015.2 | 1105.3 | 1195.8 |
| 40°    | 425.9  | 497.1 | 576.7  | 658.7  | 739.6  | 824.0  | 914.7  | 1008.2 | 1106.2 | 1205.4 | 1303.7 |
| 37.5°  | 453.0  | 531.3 | 614.9  | 703.2  | 794.0  | 886.7  | 985.2  | 1091.4 | 1197.7 | 1304.4 | 1412.8 |
| 35°    | 478.4  | 563.7 | 654.3  | 747.9  | 844.2  | 949.7  | 1059.9 | 1173.2 | 1288.4 | 1403.8 | 1520.4 |
| 32.5°  | 504.5  | 594.2 | 691.9  | 792.1  | 898.2  | 1011.4 | 1132.0 | 1254.8 | 1377.5 | 1500.7 | 1628.4 |
| 30°    | 530.7  | 626.2 | 728.3  | 833.9  | 949.9  | 1073.2 | 1202.9 | 1333.0 | 1462.8 | 1598.4 | 1734.4 |
| 27.5°  | 555.4  | 656.6 | 764.1  | 877.1  | 999.5  | 1130.5 | 1268.2 | 1407.6 | 1547.5 | 1691.7 | 1836.8 |
| 25°    | 578.2  | 685.4 | 797.3  | 918.6  | 1048.4 | 1185.6 | 1329.1 | 1474.5 | 1628.0 | 1782.2 | 1933.8 |
| 22.5°  | 600.4  | 711.9 | 828.0  | 956.9  | 1092.7 | 1236.8 | 1386.2 | 1539.8 | 1700.1 | 1865.8 | 2022.6 |
| 20°    | 621.7  | 737.1 | 858.0  | 991.6  | 1132.4 | 1282.9 | 1438.2 | 1598.9 | 1767.2 | 1937.2 | 2105.9 |
| 17.5°  | 640.7  | 759.4 | 885.9  | 1024.1 | 1170.2 | 1325.1 | 1484.9 | 1650.9 | 1826.7 | 2003.0 | 2181.7 |
| 15°    | 657.2  | 778.9 | 910.0  | 1052.4 | 1203.7 | 1363.4 | 1528.3 | 1699.0 | 1879.3 | 2063.0 | 2248.7 |
| 12.5°  | 671.2  | 795.4 | 930.4  | 1076.4 | 1232.1 | 1396.2 | 1565.6 | 1742.3 | 1927.5 | 2116.3 | 2307.4 |
| 10°    | 682.6  | 808.9 | 946.8  | 1096.1 | 1255.3 | 1423.4 | 1596.3 | 1778.0 | 1968.8 | 2161.6 | 2356.8 |
| 7.5°   | 692.2  | 820.1 | 959.9  | 1111.2 | 1273.2 | 1444.6 | 1620.2 | 1805.9 | 2001.7 | 2197.0 | 2396.4 |
| 5°     | 699.3  | 829.2 | 971.9  | 1123.9 | 1288.7 | 1461.2 | 1638.3 | 1825.7 | 2025.7 | 2222.2 | 2425.2 |
| 2.5°   | 703.5  | 835.1 | 980.0  | 1132.2 | 1301.0 | 1473.7 | 1654.5 | 1843.3 | 2043.3 | 2242.1 | 2446.8 |
| 0°     | 704.9  | 837.7 | 984.2  | 1135.7 | 1307.7 | 1479.7 | 1663.6 | 1852.6 | 2051.8 | 2254.4 | 2460.4 |
| -2.5°  | 703.5  | 835.1 | 980.0  | 1132.2 | 1301.0 | 1473.7 | 1654.5 | 1843.3 | 2043.3 | 2242.1 | 2446.8 |
| -5°    | 699.3  | 829.2 | 971.9  | 1123.9 | 1288.7 | 1461.2 | 1638.3 | 1825.7 | 2025.7 | 2222.2 | 2425.2 |
| -7.5°  | 692.2  | 820.1 | 959.9  | 1111.2 | 1273.2 | 1444.6 | 1620.2 | 1805.9 | 2001.7 | 2197.0 | 2396.4 |
| -10°   | 682.6  | 808.9 | 946.8  | 1096.1 | 1255.3 | 1423.4 | 1596.3 | 1778.0 | 1968.8 | 2161.6 | 2356.8 |
| -12.5° | 671.2  | 795.4 | 930.4  | 1076.4 | 1232.1 | 1396.2 | 1565.6 | 1742.3 | 1927.5 | 2116.3 | 2307.4 |
| -15°   | 657.2  | 778.9 | 910.0  | 1052.4 | 1203.7 | 1363.4 | 1528.3 | 1699.0 | 1879.3 | 2063.0 | 2248.7 |
| -17.5° | 640.7  | 759.4 | 885.9  | 1024.1 | 1170.2 | 1325.1 | 1484.9 | 1650.9 | 1826.7 | 2003.0 | 2181.7 |
| -20°   | 621.7  | 737.1 | 858.0  | 991.6  | 1132.4 | 1282.9 | 1438.2 | 1598.9 | 1767.2 | 1937.2 | 2105.9 |

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

Scaled Data Report



REPORT NUMBER: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°   | -47.5° | -45°   | -42.5° | -40°   | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 600.4  | 711.9 | 828.0  | 956.9 | 1092.7 | 1236.8 | 1386.2 | 1539.8 | 1700.1 | 1865.8 | 2022.6 |
| -25°   | 578.2  | 685.4 | 797.3  | 918.6 | 1048.4 | 1185.6 | 1329.1 | 1474.5 | 1628.0 | 1782.2 | 1933.8 |
| -27.5° | 555.4  | 656.6 | 764.1  | 877.1 | 999.5  | 1130.5 | 1268.2 | 1407.6 | 1547.5 | 1691.7 | 1836.8 |
| -30°   | 530.7  | 626.2 | 728.3  | 833.9 | 949.9  | 1073.2 | 1202.9 | 1333.0 | 1462.8 | 1598.4 | 1734.4 |
| -32.5° | 504.5  | 594.2 | 691.9  | 792.1 | 898.2  | 1011.4 | 1132.0 | 1254.8 | 1377.5 | 1500.7 | 1628.4 |
| -35°   | 478.4  | 563.7 | 654.3  | 747.9 | 844.2  | 949.7  | 1059.9 | 1173.2 | 1288.4 | 1403.8 | 1520.4 |
| -37.5° | 453.0  | 531.3 | 614.9  | 703.2 | 794.0  | 886.7  | 985.2  | 1091.4 | 1197.7 | 1304.4 | 1412.8 |
| -40°   | 425.9  | 497.1 | 576.7  | 658.7 | 739.6  | 824.0  | 914.7  | 1008.2 | 1106.2 | 1205.4 | 1303.7 |
| -42.5° | 397.7  | 465.5 | 537.7  | 612.1 | 686.6  | 762.8  | 842.2  | 928.5  | 1015.2 | 1105.3 | 1195.8 |
| -45°   | 372.3  | 432.2 | 497.7  | 566.6 | 633.6  | 701.8  | 774.0  | 847.9  | 927.2  | 1005.3 | 1087.7 |
| -47.5° | 345.4  | 398.8 | 459.5  | 520.4 | 582.4  | 644.0  | 705.7  | 772.6  | 840.2  | 911.3  | 979.8  |
| -50°   | 318.9  | 367.8 | 419.2  | 476.0 | 532.7  | 588.0  | 643.5  | 698.8  | 758.3  | 819.6  | 881.5  |
| -52.5° | 296.2  | 335.3 | 382.3  | 431.2 | 483.6  | 535.3  | 583.6  | 631.7  | 681.3  | 731.3  | 785.9  |
| -55°   | 272.6  | 307.7 | 345.2  | 388.9 | 434.3  | 482.4  | 526.4  | 568.6  | 609.7  | 653.8  | 695.8  |
| -57.5° | 251.2  | 280.3 | 311.9  | 347.4 | 387.8  | 428.5  | 469.3  | 507.1  | 544.4  | 580.8  | 615.6  |
| -60°   | 231.0  | 254.2 | 280.4  | 310.0 | 341.9  | 378.2  | 412.9  | 448.1  | 481.0  | 510.8  | 541.7  |
| -62.5° | 210.2  | 229.3 | 250.1  | 274.3 | 301.6  | 328.8  | 359.4  | 390.3  | 420.3  | 446.7  | 471.1  |
| -65°   | 187.7  | 203.6 | 220.7  | 240.1 | 261.5  | 284.5  | 308.4  | 333.1  | 359.8  | 382.2  | 402.6  |
| -67.5° | 164.2  | 177.7 | 191.3  | 205.6 | 223.0  | 241.1  | 259.0  | 279.6  | 300.6  | 319.2  | 335.9  |
| -70°   | 137.0  | 151.0 | 162.6  | 173.9 | 185.5  | 199.0  | 214.2  | 229.1  | 244.5  | 261.2  | 277.4  |
| -72.5° | 109.2  | 122.0 | 133.0  | 142.4 | 150.9  | 160.0  | 170.1  | 181.1  | 194.9  | 210.1  | 224.0  |
| -75°   | 83.2   | 93.2  | 103.1  | 111.8 | 117.8  | 122.3  | 126.5  | 133.3  | 146.3  | 161.5  | 174.8  |
| -77.5° | 58.6   | 67.7  | 75.6   | 82.3  | 85.9   | 89.2   | 91.8   | 93.8   | 103.8  | 116.8  | 129.7  |
| -80°   | 36.9   | 42.3  | 49.5   | 55.9  | 58.6   | 60.0   | 60.7   | 60.6   | 68.3   | 78.7   | 89.5   |
| -82.5° | 20.7   | 25.0  | 29.1   | 33.0  | 33.9   | 34.0   | 33.6   | 33.7   | 39.8   | 46.9   | 54.1   |
| -85°   | 6.7    | 7.6   | 10.6   | 13.5  | 14.9   | 15.7   | 16.1   | 16.0   | 18.6   | 21.7   | 24.9   |
| -87.5° | 3.3    | 3.8   | 4.3    | 4.9   | 4.9    | 4.9    | 4.9    | 4.8    | 5.0    | 5.2    | 5.4    |
| -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: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-727-U-VWR-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°  | 5.6    | 5.7    | 5.9    | 6.0    | 6.2    | 6.3    | 6.4    | 6.5    | 6.6    | 6.2    | 5.9    |
| 85°    | 28.5   | 30.5   | 32.4   | 34.2   | 35.9   | 37.5   | 39.0   | 40.4   | 41.7   | 38.1   | 34.1   |
| 82.5°  | 61.4   | 66.4   | 71.0   | 75.7   | 80.4   | 81.5   | 81.9   | 81.7   | 81.0   | 74.7   | 67.7   |
| 80°    | 100.2  | 108.6  | 116.5  | 124.3  | 132.0  | 132.8  | 132.0  | 130.4  | 128.1  | 119.8  | 110.3  |
| 77.5°  | 142.6  | 153.1  | 162.3  | 170.8  | 178.4  | 179.9  | 179.7  | 179.3  | 178.7  | 170.2  | 159.9  |
| 75°    | 186.1  | 196.4  | 206.3  | 214.7  | 221.8  | 225.0  | 226.6  | 227.7  | 228.3  | 222.2  | 214.2  |
| 72.5°  | 236.5  | 247.2  | 255.9  | 264.1  | 271.1  | 276.1  | 279.7  | 282.4  | 284.3  | 282.4  | 279.1  |
| 70°    | 291.2  | 302.6  | 312.3  | 321.5  | 330.9  | 338.5  | 344.2  | 348.3  | 350.9  | 352.6  | 353.8  |
| 67.5°  | 352.8  | 368.2  | 381.6  | 393.1  | 404.4  | 415.1  | 423.8  | 431.0  | 436.5  | 441.2  | 444.8  |
| 65°    | 422.2  | 441.8  | 459.3  | 475.3  | 490.0  | 505.4  | 518.1  | 528.7  | 537.3  | 544.3  | 550.0  |
| 62.5°  | 495.0  | 519.2  | 541.6  | 563.3  | 584.6  | 605.5  | 621.7  | 636.3  | 649.4  | 660.6  | 669.5  |
| 60°    | 570.8  | 598.3  | 628.3  | 657.0  | 683.4  | 707.5  | 731.5  | 752.3  | 770.0  | 784.8  | 796.6  |
| 57.5°  | 652.3  | 687.8  | 722.9  | 758.5  | 792.2  | 823.7  | 853.2  | 879.3  | 901.3  | 919.3  | 934.5  |
| 55°    | 740.2  | 784.6  | 825.4  | 870.4  | 913.8  | 953.4  | 988.3  | 1018.8 | 1045.3 | 1067.5 | 1086.3 |
| 52.5°  | 837.0  | 890.9  | 943.9  | 995.1  | 1044.4 | 1090.3 | 1132.0 | 1167.6 | 1199.4 | 1226.5 | 1248.2 |
| 50°    | 942.9  | 1004.6 | 1066.0 | 1122.9 | 1179.6 | 1232.5 | 1280.3 | 1321.6 | 1358.5 | 1390.4 | 1415.6 |
| 47.5°  | 1053.6 | 1123.8 | 1192.4 | 1257.6 | 1320.3 | 1379.1 | 1430.8 | 1477.9 | 1523.9 | 1561.4 | 1591.1 |
| 45°    | 1168.5 | 1247.4 | 1323.0 | 1397.5 | 1466.6 | 1532.4 | 1596.3 | 1655.0 | 1702.2 | 1743.5 | 1778.3 |
| 42.5°  | 1284.9 | 1372.9 | 1457.6 | 1538.8 | 1614.7 | 1690.9 | 1762.7 | 1827.0 | 1880.8 | 1927.8 | 1967.2 |
| 40°    | 1402.8 | 1499.1 | 1592.4 | 1680.9 | 1767.7 | 1850.8 | 1928.5 | 1996.2 | 2057.0 | 2112.8 | 2159.3 |
| 37.5°  | 1520.1 | 1626.0 | 1729.4 | 1828.6 | 1924.2 | 2014.2 | 2098.1 | 2174.6 | 2243.1 | 2306.7 | 2358.3 |
| 35°    | 1637.9 | 1754.1 | 1867.3 | 1976.5 | 2080.9 | 2180.2 | 2272.1 | 2359.1 | 2439.8 | 2504.2 | 2557.0 |
| 32.5°  | 1755.3 | 1880.2 | 2003.3 | 2123.5 | 2237.8 | 2344.9 | 2444.4 | 2540.6 | 2623.6 | 2694.4 | 2755.2 |
| 30°    | 1868.8 | 2004.1 | 2138.2 | 2268.6 | 2392.0 | 2508.0 | 2618.3 | 2720.0 | 2809.3 | 2886.7 | 2954.8 |
| 27.5°  | 1980.2 | 2125.6 | 2269.5 | 2408.7 | 2542.2 | 2668.3 | 2788.6 | 2898.9 | 2996.3 | 3080.5 | 3152.3 |
| 25°    | 2085.5 | 2241.8 | 2395.1 | 2542.8 | 2685.4 | 2824.5 | 2954.4 | 3074.7 | 3178.8 | 3271.2 | 3345.0 |
| 22.5°  | 2186.2 | 2352.8 | 2513.9 | 2669.3 | 2821.8 | 2971.7 | 3113.9 | 3239.6 | 3349.9 | 3446.5 | 3528.2 |
| 20°    | 2279.9 | 2458.4 | 2623.3 | 2787.6 | 2948.3 | 3108.3 | 3261.0 | 3393.6 | 3510.4 | 3613.1 | 3703.2 |
| 17.5°  | 2367.5 | 2550.7 | 2724.3 | 2899.2 | 3068.5 | 3236.4 | 3391.6 | 3533.6 | 3659.6 | 3768.8 | 3863.1 |
| 15°    | 2441.7 | 2626.7 | 2816.2 | 3003.0 | 3181.6 | 3351.6 | 3506.6 | 3655.0 | 3794.9 | 3912.9 | 4008.5 |
| 12.5°  | 2501.7 | 2694.1 | 2891.9 | 3090.1 | 3279.0 | 3448.8 | 3611.1 | 3761.6 | 3908.5 | 4041.1 | 4129.0 |
| 10°    | 2552.9 | 2751.0 | 2955.2 | 3157.4 | 3348.8 | 3528.4 | 3704.8 | 3864.0 | 4008.4 | 4127.1 | 4225.3 |
| 7.5°   | 2597.2 | 2801.2 | 3008.6 | 3211.1 | 3401.9 | 3587.5 | 3769.1 | 3938.2 | 4083.9 | 4195.8 | 4283.3 |
| 5°     | 2629.8 | 2838.7 | 3050.1 | 3254.5 | 3447.9 | 3634.1 | 3816.6 | 3983.5 | 4125.8 | 4239.6 | 4335.0 |
| 2.5°   | 2653.2 | 2864.0 | 3076.9 | 3281.6 | 3479.3 | 3666.0 | 3853.0 | 4021.8 | 4159.6 | 4263.8 | 4355.3 |
| 0°     | 2668.2 | 2879.3 | 3093.8 | 3303.3 | 3497.4 | 3677.9 | 3878.8 | 4037.1 | 4180.2 | 4284.0 | 4379.4 |
| -2.5°  | 2653.2 | 2864.0 | 3076.9 | 3281.6 | 3479.3 | 3666.0 | 3853.0 | 4021.8 | 4159.6 | 4263.8 | 4355.3 |
| -5°    | 2629.8 | 2838.7 | 3050.1 | 3254.5 | 3447.9 | 3634.1 | 3816.6 | 3983.5 | 4125.8 | 4239.6 | 4335.0 |
| -7.5°  | 2597.2 | 2801.2 | 3008.6 | 3211.1 | 3401.9 | 3587.5 | 3769.1 | 3938.2 | 4083.9 | 4195.8 | 4283.3 |
| -10°   | 2552.9 | 2751.0 | 2955.2 | 3157.4 | 3348.8 | 3528.4 | 3704.8 | 3864.0 | 4008.4 | 4127.1 | 4225.3 |
| -12.5° | 2501.7 | 2694.1 | 2891.9 | 3090.1 | 3279.0 | 3448.8 | 3611.1 | 3761.6 | 3908.5 | 4041.1 | 4129.0 |
| -15°   | 2441.7 | 2626.7 | 2816.2 | 3003.0 | 3181.6 | 3351.6 | 3506.6 | 3655.0 | 3794.9 | 3912.9 | 4008.5 |
| -17.5° | 2367.5 | 2550.7 | 2724.3 | 2899.2 | 3068.5 | 3236.4 | 3391.6 | 3533.6 | 3659.6 | 3768.8 | 3863.1 |
| -20°   | 2279.9 | 2458.4 | 2623.3 | 2787.6 | 2948.3 | 3108.3 | 3261.0 | 3393.6 | 3510.4 | 3613.1 | 3703.2 |

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Scaled Data Report



REPORT NUMBER: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2186.2 | 2352.8 | 2513.9 | 2669.3 | 2821.8 | 2971.7 | 3113.9 | 3239.6 | 3349.9 | 3446.5 | 3528.2 |
| -25°   | 2085.5 | 2241.8 | 2395.1 | 2542.8 | 2685.4 | 2824.5 | 2954.4 | 3074.7 | 3178.8 | 3271.2 | 3345.0 |
| -27.5° | 1980.2 | 2125.6 | 2269.5 | 2408.7 | 2542.2 | 2668.3 | 2788.6 | 2898.9 | 2996.3 | 3080.5 | 3152.3 |
| -30°   | 1868.8 | 2004.1 | 2138.2 | 2268.6 | 2392.0 | 2508.0 | 2618.3 | 2720.0 | 2809.3 | 2886.7 | 2954.8 |
| -32.5° | 1755.3 | 1880.2 | 2003.3 | 2123.5 | 2237.8 | 2344.9 | 2444.4 | 2540.6 | 2623.6 | 2694.4 | 2755.2 |
| -35°   | 1637.9 | 1754.1 | 1867.3 | 1976.5 | 2080.9 | 2180.2 | 2272.1 | 2359.1 | 2439.8 | 2504.2 | 2557.0 |
| -37.5° | 1520.1 | 1626.0 | 1729.4 | 1828.6 | 1924.2 | 2014.2 | 2098.1 | 2174.6 | 2243.1 | 2306.7 | 2358.3 |
| -40°   | 1402.8 | 1499.1 | 1592.4 | 1680.9 | 1767.7 | 1850.8 | 1928.5 | 1996.2 | 2057.0 | 2112.8 | 2159.3 |
| -42.5° | 1284.9 | 1372.9 | 1457.6 | 1538.8 | 1614.7 | 1690.9 | 1762.7 | 1827.0 | 1880.8 | 1927.8 | 1967.2 |
| -45°   | 1168.5 | 1247.4 | 1323.0 | 1397.5 | 1466.6 | 1532.4 | 1596.3 | 1655.0 | 1702.2 | 1743.5 | 1778.3 |
| -47.5° | 1053.6 | 1123.8 | 1192.4 | 1257.6 | 1320.3 | 1379.1 | 1430.8 | 1477.9 | 1523.9 | 1561.4 | 1591.1 |
| -50°   | 942.9  | 1004.6 | 1066.0 | 1122.9 | 1179.6 | 1232.5 | 1280.3 | 1321.6 | 1358.5 | 1390.4 | 1415.6 |
| -52.5° | 837.0  | 890.9  | 943.9  | 995.1  | 1044.4 | 1090.3 | 1132.0 | 1167.6 | 1199.4 | 1226.5 | 1248.2 |
| -55°   | 740.2  | 784.6  | 825.4  | 870.4  | 913.8  | 953.4  | 988.3  | 1018.8 | 1045.3 | 1067.5 | 1086.3 |
| -57.5° | 652.3  | 687.8  | 722.9  | 758.5  | 792.2  | 823.7  | 853.2  | 879.3  | 901.3  | 919.3  | 934.5  |
| -60°   | 570.8  | 598.3  | 628.3  | 657.0  | 683.4  | 707.5  | 731.5  | 752.3  | 770.0  | 784.8  | 796.6  |
| -62.5° | 495.0  | 519.2  | 541.6  | 563.3  | 584.6  | 605.5  | 621.7  | 636.3  | 649.4  | 660.6  | 669.5  |
| -65°   | 422.2  | 441.8  | 459.3  | 475.3  | 490.0  | 505.4  | 518.1  | 528.7  | 537.3  | 544.3  | 550.0  |
| -67.5° | 352.8  | 368.2  | 381.6  | 393.1  | 404.4  | 415.1  | 423.8  | 431.0  | 436.5  | 441.2  | 444.8  |
| -70°   | 291.2  | 302.6  | 312.3  | 321.5  | 330.9  | 338.5  | 344.2  | 348.3  | 350.9  | 352.6  | 353.8  |
| -72.5° | 236.5  | 247.2  | 255.9  | 264.1  | 271.1  | 276.1  | 279.7  | 282.4  | 284.3  | 282.4  | 279.1  |
| -75°   | 186.1  | 196.4  | 206.3  | 214.7  | 221.8  | 225.0  | 226.6  | 227.7  | 228.3  | 222.2  | 214.2  |
| -77.5° | 142.6  | 153.1  | 162.3  | 170.8  | 178.4  | 179.9  | 179.7  | 179.3  | 178.7  | 170.2  | 159.9  |
| -80°   | 100.2  | 108.6  | 116.5  | 124.3  | 132.0  | 132.8  | 132.0  | 130.4  | 128.1  | 119.8  | 110.3  |
| -82.5° | 61.4   | 66.4   | 71.0   | 75.7   | 80.4   | 81.5   | 81.9   | 81.7   | 81.0   | 74.7   | 67.7   |
| -85°   | 28.5   | 30.5   | 32.4   | 34.2   | 35.9   | 37.5   | 39.0   | 40.4   | 41.7   | 38.1   | 34.1   |
| -87.5° | 5.6    | 5.7    | 5.9    | 6.0    | 6.2    | 6.3    | 6.4    | 6.5    | 6.6    | 6.2    | 5.9    |
| -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: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-727-U-VWR-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°  | 5.5    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.5    | 5.9    | 6.2    | 6.6    | 6.5    |
| 85°    | 29.8   | 25.4   | 23.8   | 22.1   | 23.8   | 25.4   | 29.8   | 34.1   | 38.1   | 41.7   | 40.4   |
| 82.5°  | 60.3   | 52.6   | 50.2   | 47.7   | 50.2   | 52.6   | 60.3   | 67.7   | 74.7   | 81.0   | 81.7   |
| 80°    | 100.4  | 90.0   | 85.9   | 81.7   | 85.9   | 90.0   | 100.4  | 110.3  | 119.8  | 128.1  | 130.4  |
| 77.5°  | 149.0  | 137.6  | 132.7  | 127.7  | 132.7  | 137.6  | 149.0  | 159.9  | 170.2  | 178.7  | 179.3  |
| 75°    | 205.8  | 196.8  | 191.4  | 185.6  | 191.4  | 196.8  | 205.8  | 214.2  | 222.2  | 228.3  | 227.7  |
| 72.5°  | 275.4  | 271.0  | 267.0  | 262.2  | 267.0  | 271.0  | 275.4  | 279.1  | 282.4  | 284.3  | 282.4  |
| 70°    | 354.2  | 353.7  | 354.4  | 354.2  | 354.4  | 353.7  | 354.2  | 353.8  | 352.6  | 350.9  | 348.3  |
| 67.5°  | 446.6  | 446.7  | 448.6  | 449.5  | 448.6  | 446.7  | 446.6  | 444.8  | 441.2  | 436.5  | 431.0  |
| 65°    | 553.5  | 554.9  | 554.4  | 551.7  | 554.4  | 554.9  | 553.5  | 550.0  | 544.3  | 537.3  | 528.7  |
| 62.5°  | 675.9  | 679.5  | 681.6  | 681.1  | 681.6  | 679.5  | 675.9  | 669.5  | 660.6  | 649.4  | 636.3  |
| 60°    | 805.5  | 811.3  | 814.2  | 813.9  | 814.2  | 811.3  | 805.5  | 796.6  | 784.8  | 770.0  | 752.3  |
| 57.5°  | 945.8  | 953.1  | 954.9  | 951.8  | 954.9  | 953.1  | 945.8  | 934.5  | 919.3  | 901.3  | 879.3  |
| 55°    | 1100.5 | 1110.0 | 1113.6 | 1111.9 | 1113.6 | 1110.0 | 1100.5 | 1086.3 | 1067.5 | 1045.3 | 1018.8 |
| 52.5°  | 1264.1 | 1274.4 | 1278.0 | 1275.3 | 1278.0 | 1274.4 | 1264.1 | 1248.2 | 1226.5 | 1199.4 | 1167.6 |
| 50°    | 1434.0 | 1446.4 | 1451.4 | 1449.0 | 1451.4 | 1446.4 | 1434.0 | 1415.6 | 1390.4 | 1358.5 | 1321.6 |
| 47.5°  | 1614.3 | 1630.8 | 1637.2 | 1632.9 | 1637.2 | 1630.8 | 1614.3 | 1591.1 | 1561.4 | 1523.9 | 1477.9 |
| 45°    | 1804.2 | 1821.2 | 1827.9 | 1823.6 | 1827.9 | 1821.2 | 1804.2 | 1778.3 | 1743.5 | 1702.2 | 1655.0 |
| 42.5°  | 1997.4 | 2019.6 | 2029.0 | 2021.1 | 2029.0 | 2019.6 | 1997.4 | 1967.2 | 1927.8 | 1880.8 | 1827.0 |
| 40°    | 2194.0 | 2218.1 | 2229.2 | 2223.8 | 2229.2 | 2218.1 | 2194.0 | 2159.3 | 2112.8 | 2057.0 | 1996.2 |
| 37.5°  | 2395.6 | 2419.6 | 2431.3 | 2431.5 | 2431.3 | 2419.6 | 2395.6 | 2358.3 | 2306.7 | 2243.1 | 2174.6 |
| 35°    | 2597.9 | 2627.0 | 2643.4 | 2642.6 | 2643.4 | 2627.0 | 2597.9 | 2557.0 | 2504.2 | 2439.8 | 2359.1 |
| 32.5°  | 2803.2 | 2834.6 | 2851.4 | 2853.8 | 2851.4 | 2834.6 | 2803.2 | 2755.2 | 2694.4 | 2623.6 | 2540.6 |
| 30°    | 3008.0 | 3042.6 | 3062.0 | 3070.0 | 3062.0 | 3042.6 | 3008.0 | 2954.8 | 2886.7 | 2809.3 | 2720.0 |
| 27.5°  | 3206.7 | 3249.2 | 3278.6 | 3281.1 | 3278.6 | 3249.2 | 3206.7 | 3152.3 | 3080.5 | 2996.3 | 2898.9 |
| 25°    | 3399.2 | 3442.5 | 3472.6 | 3478.7 | 3472.6 | 3442.5 | 3399.2 | 3345.0 | 3271.2 | 3178.8 | 3074.7 |
| 22.5°  | 3588.8 | 3634.1 | 3661.9 | 3672.8 | 3661.9 | 3634.1 | 3588.8 | 3528.2 | 3446.5 | 3349.9 | 3239.6 |
| 20°    | 3769.9 | 3818.9 | 3848.4 | 3860.1 | 3848.4 | 3818.9 | 3769.9 | 3703.2 | 3613.1 | 3510.4 | 3393.6 |
| 17.5°  | 3933.6 | 3985.4 | 4021.8 | 4032.0 | 4021.8 | 3985.4 | 3933.6 | 3863.1 | 3768.8 | 3659.6 | 3533.6 |
| 15°    | 4077.8 | 4126.9 | 4161.5 | 4175.1 | 4161.5 | 4126.9 | 4077.8 | 4008.5 | 3912.9 | 3794.9 | 3655.0 |
| 12.5°  | 4195.1 | 4239.0 | 4266.1 | 4278.9 | 4266.1 | 4239.0 | 4195.1 | 4129.0 | 4041.1 | 3908.5 | 3761.6 |
| 10°    | 4286.7 | 4330.8 | 4356.7 | 4374.3 | 4356.7 | 4330.8 | 4286.7 | 4225.3 | 4127.1 | 4008.4 | 3864.0 |
| 7.5°   | 4366.3 | 4411.5 | 4443.1 | 4467.9 | 4443.1 | 4411.5 | 4366.3 | 4283.3 | 4195.8 | 4083.9 | 3938.2 |
| 5°     | 4410.2 | 4485.7 | 4497.0 | 4513.9 | 4497.0 | 4485.7 | 4410.2 | 4335.0 | 4239.6 | 4125.8 | 3983.5 |
| 2.5°   | 4443.7 | 4497.2 | 4529.3 | 4525.8 | 4529.3 | 4497.2 | 4443.7 | 4355.3 | 4263.8 | 4159.6 | 4021.8 |
| 0°     | 4467.9 | 4515.6 | 4527.5 | 4542.9 | 4527.5 | 4515.6 | 4467.9 | 4379.4 | 4284.0 | 4180.2 | 4037.1 |
| -2.5°  | 4443.7 | 4497.2 | 4529.3 | 4525.8 | 4529.3 | 4497.2 | 4443.7 | 4355.3 | 4263.8 | 4159.6 | 4021.8 |
| -5°    | 4410.2 | 4485.7 | 4497.0 | 4513.9 | 4497.0 | 4485.7 | 4410.2 | 4335.0 | 4239.6 | 4125.8 | 3983.5 |
| -7.5°  | 4366.3 | 4411.5 | 4443.1 | 4467.9 | 4443.1 | 4411.5 | 4366.3 | 4283.3 | 4195.8 | 4083.9 | 3938.2 |
| -10°   | 4286.7 | 4330.8 | 4356.7 | 4374.3 | 4356.7 | 4330.8 | 4286.7 | 4225.3 | 4127.1 | 4008.4 | 3864.0 |
| -12.5° | 4195.1 | 4239.0 | 4266.1 | 4278.9 | 4266.1 | 4239.0 | 4195.1 | 4129.0 | 4041.1 | 3908.5 | 3761.6 |
| -15°   | 4077.8 | 4126.9 | 4161.5 | 4175.1 | 4161.5 | 4126.9 | 4077.8 | 4008.5 | 3912.9 | 3794.9 | 3655.0 |
| -17.5° | 3933.6 | 3985.4 | 4021.8 | 4032.0 | 4021.8 | 3985.4 | 3933.6 | 3863.1 | 3768.8 | 3659.6 | 3533.6 |
| -20°   | 3769.9 | 3818.9 | 3848.4 | 3860.1 | 3848.4 | 3818.9 | 3769.9 | 3703.2 | 3613.1 | 3510.4 | 3393.6 |



REPORT NUMBER: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°  | -5°    | -2.5°  | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 3588.8 | 3634.1 | 3661.9 | 3672.8 | 3661.9 | 3634.1 | 3588.8 | 3528.2 | 3446.5 | 3349.9 | 3239.6 |
| -25°   | 3399.2 | 3442.5 | 3472.6 | 3478.7 | 3472.6 | 3442.5 | 3399.2 | 3345.0 | 3271.2 | 3178.8 | 3074.7 |
| -27.5° | 3206.7 | 3249.2 | 3278.6 | 3281.1 | 3278.6 | 3249.2 | 3206.7 | 3152.3 | 3080.5 | 2996.3 | 2898.9 |
| -30°   | 3008.0 | 3042.6 | 3062.0 | 3070.0 | 3062.0 | 3042.6 | 3008.0 | 2954.8 | 2886.7 | 2809.3 | 2720.0 |
| -32.5° | 2803.2 | 2834.6 | 2851.4 | 2853.8 | 2851.4 | 2834.6 | 2803.2 | 2755.2 | 2694.4 | 2623.6 | 2540.6 |
| -35°   | 2597.9 | 2627.0 | 2643.4 | 2642.6 | 2643.4 | 2627.0 | 2597.9 | 2557.0 | 2504.2 | 2439.8 | 2359.1 |
| -37.5° | 2395.6 | 2419.6 | 2431.3 | 2431.5 | 2431.3 | 2419.6 | 2395.6 | 2358.3 | 2306.7 | 2243.1 | 2174.6 |
| -40°   | 2194.0 | 2218.1 | 2229.2 | 2223.8 | 2229.2 | 2218.1 | 2194.0 | 2159.3 | 2112.8 | 2057.0 | 1996.2 |
| -42.5° | 1997.4 | 2019.6 | 2029.0 | 2021.1 | 2029.0 | 2019.6 | 1997.4 | 1967.2 | 1927.8 | 1880.8 | 1827.0 |
| -45°   | 1804.2 | 1821.2 | 1827.9 | 1823.6 | 1827.9 | 1821.2 | 1804.2 | 1778.3 | 1743.5 | 1702.2 | 1655.0 |
| -47.5° | 1614.3 | 1630.8 | 1637.2 | 1632.9 | 1637.2 | 1630.8 | 1614.3 | 1591.1 | 1561.4 | 1523.9 | 1477.9 |
| -50°   | 1434.0 | 1446.4 | 1451.4 | 1449.0 | 1451.4 | 1446.4 | 1434.0 | 1415.6 | 1390.4 | 1358.5 | 1321.6 |
| -52.5° | 1264.1 | 1274.4 | 1278.0 | 1275.3 | 1278.0 | 1274.4 | 1264.1 | 1248.2 | 1226.5 | 1199.4 | 1167.6 |
| -55°   | 1100.5 | 1110.0 | 1113.6 | 1111.9 | 1113.6 | 1110.0 | 1100.5 | 1086.3 | 1067.5 | 1045.3 | 1018.8 |
| -57.5° | 945.8  | 953.1  | 954.9  | 951.8  | 954.9  | 953.1  | 945.8  | 934.5  | 919.3  | 901.3  | 879.3  |
| -60°   | 805.5  | 811.3  | 814.2  | 813.9  | 814.2  | 811.3  | 805.5  | 796.6  | 784.8  | 770.0  | 752.3  |
| -62.5° | 675.9  | 679.5  | 681.6  | 681.1  | 681.6  | 679.5  | 675.9  | 669.5  | 660.6  | 649.4  | 636.3  |
| -65°   | 553.5  | 554.9  | 554.4  | 551.7  | 554.4  | 554.9  | 553.5  | 550.0  | 544.3  | 537.3  | 528.7  |
| -67.5° | 446.6  | 446.7  | 448.6  | 449.5  | 448.6  | 446.7  | 446.6  | 444.8  | 441.2  | 436.5  | 431.0  |
| -70°   | 354.2  | 353.7  | 354.4  | 354.2  | 354.4  | 353.7  | 354.2  | 353.8  | 352.6  | 350.9  | 348.3  |
| -72.5° | 275.4  | 271.0  | 267.0  | 262.2  | 267.0  | 271.0  | 275.4  | 279.1  | 282.4  | 284.3  | 282.4  |
| -75°   | 205.8  | 196.8  | 191.4  | 185.6  | 191.4  | 196.8  | 205.8  | 214.2  | 222.2  | 228.3  | 227.7  |
| -77.5° | 149.0  | 137.6  | 132.7  | 127.7  | 132.7  | 137.6  | 149.0  | 159.9  | 170.2  | 178.7  | 179.3  |
| -80°   | 100.4  | 90.0   | 85.9   | 81.7   | 85.9   | 90.0   | 100.4  | 110.3  | 119.8  | 128.1  | 130.4  |
| -82.5° | 60.3   | 52.6   | 50.2   | 47.7   | 50.2   | 52.6   | 60.3   | 67.7   | 74.7   | 81.0   | 81.7   |
| -85°   | 29.8   | 25.4   | 23.8   | 22.1   | 23.8   | 25.4   | 29.8   | 34.1   | 38.1   | 41.7   | 40.4   |
| -87.5° | 5.5    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.5    | 5.9    | 6.2    | 6.6    | 6.5    |
| -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: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-727-U-VWR-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°  | 6.4    | 6.3    | 6.2    | 6.0    | 5.9    | 5.7    | 5.6    | 5.4    | 5.2    | 5.0    | 4.8    |
| 85°    | 39.0   | 37.5   | 35.9   | 34.2   | 32.4   | 30.5   | 28.5   | 24.9   | 21.7   | 18.6   | 16.0   |
| 82.5°  | 81.9   | 81.5   | 80.4   | 75.7   | 71.0   | 66.4   | 61.4   | 54.1   | 46.9   | 39.8   | 33.7   |
| 80°    | 132.0  | 132.8  | 132.0  | 124.3  | 116.5  | 108.6  | 100.2  | 89.5   | 78.7   | 68.3   | 60.6   |
| 77.5°  | 179.7  | 179.9  | 178.4  | 170.8  | 162.3  | 153.1  | 142.6  | 129.7  | 116.8  | 103.8  | 93.8   |
| 75°    | 226.6  | 225.0  | 221.8  | 214.7  | 206.3  | 196.4  | 186.1  | 174.8  | 161.5  | 146.3  | 133.3  |
| 72.5°  | 279.7  | 276.1  | 271.1  | 264.1  | 255.9  | 247.2  | 236.5  | 224.0  | 210.1  | 194.9  | 181.1  |
| 70°    | 344.2  | 338.5  | 330.9  | 321.5  | 312.3  | 302.6  | 291.2  | 277.4  | 261.2  | 244.5  | 229.1  |
| 67.5°  | 423.8  | 415.1  | 404.4  | 393.1  | 381.6  | 368.2  | 352.8  | 335.9  | 319.2  | 300.6  | 279.6  |
| 65°    | 518.1  | 505.4  | 490.0  | 475.3  | 459.3  | 441.8  | 422.2  | 402.6  | 382.2  | 359.8  | 333.1  |
| 62.5°  | 621.7  | 605.5  | 584.6  | 563.3  | 541.6  | 519.2  | 495.0  | 471.1  | 446.7  | 420.3  | 390.3  |
| 60°    | 731.5  | 707.5  | 683.4  | 657.0  | 628.3  | 598.3  | 570.8  | 541.7  | 510.8  | 481.0  | 448.1  |
| 57.5°  | 853.2  | 823.7  | 792.2  | 758.5  | 722.9  | 687.8  | 652.3  | 615.6  | 580.8  | 544.4  | 507.1  |
| 55°    | 988.3  | 953.4  | 913.8  | 870.4  | 825.4  | 784.6  | 740.2  | 695.8  | 653.8  | 609.7  | 568.6  |
| 52.5°  | 1132.0 | 1090.3 | 1044.4 | 995.1  | 943.9  | 890.9  | 837.0  | 785.9  | 731.3  | 681.3  | 631.7  |
| 50°    | 1280.3 | 1232.5 | 1179.6 | 1122.9 | 1066.0 | 1004.6 | 942.9  | 881.5  | 819.6  | 758.3  | 698.8  |
| 47.5°  | 1430.8 | 1379.1 | 1320.3 | 1257.6 | 1192.4 | 1123.8 | 1053.6 | 979.8  | 911.3  | 840.2  | 772.6  |
| 45°    | 1596.3 | 1532.4 | 1466.6 | 1397.5 | 1323.0 | 1247.4 | 1168.5 | 1087.7 | 1005.3 | 927.2  | 847.9  |
| 42.5°  | 1762.7 | 1690.9 | 1614.7 | 1538.8 | 1457.6 | 1372.9 | 1284.9 | 1195.8 | 1105.3 | 1015.2 | 928.5  |
| 40°    | 1928.5 | 1850.8 | 1767.7 | 1680.9 | 1592.4 | 1499.1 | 1402.8 | 1303.7 | 1205.4 | 1106.2 | 1008.2 |
| 37.5°  | 2098.1 | 2014.2 | 1924.2 | 1828.6 | 1729.4 | 1626.0 | 1520.1 | 1412.8 | 1304.4 | 1197.7 | 1091.4 |
| 35°    | 2272.1 | 2180.2 | 2080.9 | 1976.5 | 1867.3 | 1754.1 | 1637.9 | 1520.4 | 1403.8 | 1288.4 | 1173.2 |
| 32.5°  | 2444.4 | 2344.9 | 2237.8 | 2123.5 | 2003.3 | 1880.2 | 1755.3 | 1628.4 | 1500.7 | 1377.5 | 1254.8 |
| 30°    | 2618.3 | 2508.0 | 2392.0 | 2268.6 | 2138.2 | 2004.1 | 1868.8 | 1734.4 | 1598.4 | 1462.8 | 1333.0 |
| 27.5°  | 2788.6 | 2668.3 | 2542.2 | 2408.7 | 2269.5 | 2125.6 | 1980.2 | 1836.8 | 1691.7 | 1547.5 | 1407.6 |
| 25°    | 2954.4 | 2824.5 | 2685.4 | 2542.8 | 2395.1 | 2241.8 | 2085.5 | 1933.8 | 1782.2 | 1628.0 | 1474.5 |
| 22.5°  | 3113.9 | 2971.7 | 2821.8 | 2669.3 | 2513.9 | 2352.8 | 2186.2 | 2022.6 | 1865.8 | 1700.1 | 1539.8 |
| 20°    | 3261.0 | 3108.3 | 2948.3 | 2787.6 | 2623.3 | 2458.4 | 2279.9 | 2105.9 | 1937.2 | 1767.2 | 1598.9 |
| 17.5°  | 3391.6 | 3236.4 | 3068.5 | 2899.2 | 2724.3 | 2550.7 | 2367.5 | 2181.7 | 2003.0 | 1826.7 | 1650.9 |
| 15°    | 3506.6 | 3351.6 | 3181.6 | 3003.0 | 2816.2 | 2626.7 | 2441.7 | 2248.7 | 2063.0 | 1879.3 | 1699.0 |
| 12.5°  | 3611.1 | 3448.8 | 3279.0 | 3090.1 | 2891.9 | 2694.1 | 2501.7 | 2307.4 | 2116.3 | 1927.5 | 1742.3 |
| 10°    | 3704.8 | 3528.4 | 3348.8 | 3157.4 | 2955.2 | 2751.0 | 2552.9 | 2356.8 | 2161.6 | 1968.8 | 1778.0 |
| 7.5°   | 3769.1 | 3587.5 | 3401.9 | 3211.1 | 3008.6 | 2801.2 | 2597.2 | 2396.4 | 2197.0 | 2001.7 | 1805.9 |
| 5°     | 3816.6 | 3634.1 | 3447.9 | 3254.5 | 3050.1 | 2838.7 | 2629.8 | 2425.2 | 2222.2 | 2025.7 | 1825.7 |
| 2.5°   | 3853.0 | 3666.0 | 3479.3 | 3281.6 | 3076.9 | 2864.0 | 2653.2 | 2446.8 | 2242.1 | 2043.3 | 1843.3 |
| 0°     | 3878.8 | 3677.9 | 3497.4 | 3303.3 | 3093.8 | 2879.3 | 2668.2 | 2460.4 | 2254.4 | 2051.8 | 1852.6 |
| -2.5°  | 3853.0 | 3666.0 | 3479.3 | 3281.6 | 3076.9 | 2864.0 | 2653.2 | 2446.8 | 2242.1 | 2043.3 | 1843.3 |
| -5°    | 3816.6 | 3634.1 | 3447.9 | 3254.5 | 3050.1 | 2838.7 | 2629.8 | 2425.2 | 2222.2 | 2025.7 | 1825.7 |
| -7.5°  | 3769.1 | 3587.5 | 3401.9 | 3211.1 | 3008.6 | 2801.2 | 2597.2 | 2396.4 | 2197.0 | 2001.7 | 1805.9 |
| -10°   | 3704.8 | 3528.4 | 3348.8 | 3157.4 | 2955.2 | 2751.0 | 2552.9 | 2356.8 | 2161.6 | 1968.8 | 1778.0 |
| -12.5° | 3611.1 | 3448.8 | 3279.0 | 3090.1 | 2891.9 | 2694.1 | 2501.7 | 2307.4 | 2116.3 | 1927.5 | 1742.3 |
| -15°   | 3506.6 | 3351.6 | 3181.6 | 3003.0 | 2816.2 | 2626.7 | 2441.7 | 2248.7 | 2063.0 | 1879.3 | 1699.0 |
| -17.5° | 3391.6 | 3236.4 | 3068.5 | 2899.2 | 2724.3 | 2550.7 | 2367.5 | 2181.7 | 2003.0 | 1826.7 | 1650.9 |
| -20°   | 3261.0 | 3108.3 | 2948.3 | 2787.6 | 2623.3 | 2458.4 | 2279.9 | 2105.9 | 1937.2 | 1767.2 | 1598.9 |

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

Scaled Data Report



REPORT NUMBER: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 3113.9 | 2971.7 | 2821.8 | 2669.3 | 2513.9 | 2352.8 | 2186.2 | 2022.6 | 1865.8 | 1700.1 | 1539.8 |
| -25°   | 2954.4 | 2824.5 | 2685.4 | 2542.8 | 2395.1 | 2241.8 | 2085.5 | 1933.8 | 1782.2 | 1628.0 | 1474.5 |
| -27.5° | 2788.6 | 2668.3 | 2542.2 | 2408.7 | 2269.5 | 2125.6 | 1980.2 | 1836.8 | 1691.7 | 1547.5 | 1407.6 |
| -30°   | 2618.3 | 2508.0 | 2392.0 | 2268.6 | 2138.2 | 2004.1 | 1868.8 | 1734.4 | 1598.4 | 1462.8 | 1333.0 |
| -32.5° | 2444.4 | 2344.9 | 2237.8 | 2123.5 | 2003.3 | 1880.2 | 1755.3 | 1628.4 | 1500.7 | 1377.5 | 1254.8 |
| -35°   | 2272.1 | 2180.2 | 2080.9 | 1976.5 | 1867.3 | 1754.1 | 1637.9 | 1520.4 | 1403.8 | 1288.4 | 1173.2 |
| -37.5° | 2098.1 | 2014.2 | 1924.2 | 1828.6 | 1729.4 | 1626.0 | 1520.1 | 1412.8 | 1304.4 | 1197.7 | 1091.4 |
| -40°   | 1928.5 | 1850.8 | 1767.7 | 1680.9 | 1592.4 | 1499.1 | 1402.8 | 1303.7 | 1205.4 | 1106.2 | 1008.2 |
| -42.5° | 1762.7 | 1690.9 | 1614.7 | 1538.8 | 1457.6 | 1372.9 | 1284.9 | 1195.8 | 1105.3 | 1015.2 | 928.5  |
| -45°   | 1596.3 | 1532.4 | 1466.6 | 1397.5 | 1323.0 | 1247.4 | 1168.5 | 1087.7 | 1005.3 | 927.2  | 847.9  |
| -47.5° | 1430.8 | 1379.1 | 1320.3 | 1257.6 | 1192.4 | 1123.8 | 1053.6 | 979.8  | 911.3  | 840.2  | 772.6  |
| -50°   | 1280.3 | 1232.5 | 1179.6 | 1122.9 | 1066.0 | 1004.6 | 942.9  | 881.5  | 819.6  | 758.3  | 698.8  |
| -52.5° | 1132.0 | 1090.3 | 1044.4 | 995.1  | 943.9  | 890.9  | 837.0  | 785.9  | 731.3  | 681.3  | 631.7  |
| -55°   | 988.3  | 953.4  | 913.8  | 870.4  | 825.4  | 784.6  | 740.2  | 695.8  | 653.8  | 609.7  | 568.6  |
| -57.5° | 853.2  | 823.7  | 792.2  | 758.5  | 722.9  | 687.8  | 652.3  | 615.6  | 580.8  | 544.4  | 507.1  |
| -60°   | 731.5  | 707.5  | 683.4  | 657.0  | 628.3  | 598.3  | 570.8  | 541.7  | 510.8  | 481.0  | 448.1  |
| -62.5° | 621.7  | 605.5  | 584.6  | 563.3  | 541.6  | 519.2  | 495.0  | 471.1  | 446.7  | 420.3  | 390.3  |
| -65°   | 518.1  | 505.4  | 490.0  | 475.3  | 459.3  | 441.8  | 422.2  | 402.6  | 382.2  | 359.8  | 333.1  |
| -67.5° | 423.8  | 415.1  | 404.4  | 393.1  | 381.6  | 368.2  | 352.8  | 335.9  | 319.2  | 300.6  | 279.6  |
| -70°   | 344.2  | 338.5  | 330.9  | 321.5  | 312.3  | 302.6  | 291.2  | 277.4  | 261.2  | 244.5  | 229.1  |
| -72.5° | 279.7  | 276.1  | 271.1  | 264.1  | 255.9  | 247.2  | 236.5  | 224.0  | 210.1  | 194.9  | 181.1  |
| -75°   | 226.6  | 225.0  | 221.8  | 214.7  | 206.3  | 196.4  | 186.1  | 174.8  | 161.5  | 146.3  | 133.3  |
| -77.5° | 179.7  | 179.9  | 178.4  | 170.8  | 162.3  | 153.1  | 142.6  | 129.7  | 116.8  | 103.8  | 93.8   |
| -80°   | 132.0  | 132.8  | 132.0  | 124.3  | 116.5  | 108.6  | 100.2  | 89.5   | 78.7   | 68.3   | 60.6   |
| -82.5° | 81.9   | 81.5   | 80.4   | 75.7   | 71.0   | 66.4   | 61.4   | 54.1   | 46.9   | 39.8   | 33.7   |
| -85°   | 39.0   | 37.5   | 35.9   | 34.2   | 32.4   | 30.5   | 28.5   | 24.9   | 21.7   | 18.6   | 16.0   |
| -87.5° | 6.4    | 6.3    | 6.2    | 6.0    | 5.9    | 5.7    | 5.6    | 5.4    | 5.2    | 5.0    | 4.8    |
| -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: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-727-U-VWR-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°  | 4.9    | 4.9    | 4.9    | 4.9    | 4.3   | 3.8   | 3.3   | 2.9   | 2.6   | 2.3   | 2.0   |
| 85°    | 16.1   | 15.7   | 14.9   | 13.5   | 10.6  | 7.6   | 6.7   | 5.7   | 5.2   | 4.6   | 4.1   |
| 82.5°  | 33.6   | 34.0   | 33.9   | 33.0   | 29.1  | 25.0  | 20.7  | 16.3  | 12.1  | 7.7   | 6.1   |
| 80°    | 60.7   | 60.0   | 58.6   | 55.9   | 49.5  | 42.3  | 36.9  | 31.3  | 25.8  | 20.1  | 14.1  |
| 77.5°  | 91.8   | 89.2   | 85.9   | 82.3   | 75.6  | 67.7  | 58.6  | 48.2  | 39.5  | 32.4  | 25.1  |
| 75°    | 126.5  | 122.3  | 117.8  | 111.8  | 103.1 | 93.2  | 83.2  | 71.2  | 57.8  | 45.2  | 36.0  |
| 72.5°  | 170.1  | 160.0  | 150.9  | 142.4  | 133.0 | 122.0 | 109.2 | 93.7  | 77.4  | 62.1  | 47.7  |
| 70°    | 214.2  | 199.0  | 185.5  | 173.9  | 162.6 | 151.0 | 137.0 | 117.9 | 96.7  | 78.6  | 61.7  |
| 67.5°  | 259.0  | 241.1  | 223.0  | 205.6  | 191.3 | 177.7 | 164.2 | 141.9 | 117.7 | 94.8  | 75.4  |
| 65°    | 308.4  | 284.5  | 261.5  | 240.1  | 220.7 | 203.6 | 187.7 | 164.4 | 138.0 | 112.3 | 88.7  |
| 62.5°  | 359.4  | 328.8  | 301.6  | 274.3  | 250.1 | 229.3 | 210.2 | 184.5 | 157.5 | 129.3 | 102.6 |
| 60°    | 412.9  | 378.2  | 341.9  | 310.0  | 280.4 | 254.2 | 231.0 | 204.4 | 175.7 | 145.6 | 116.4 |
| 57.5°  | 469.3  | 428.5  | 387.8  | 347.4  | 311.9 | 280.3 | 251.2 | 223.2 | 193.5 | 161.6 | 129.3 |
| 55°    | 526.4  | 482.4  | 434.3  | 388.9  | 345.2 | 307.7 | 272.6 | 241.3 | 210.8 | 177.4 | 140.5 |
| 52.5°  | 583.6  | 535.3  | 483.6  | 431.2  | 382.3 | 335.3 | 296.2 | 258.9 | 226.7 | 192.9 | 152.0 |
| 50°    | 643.5  | 588.0  | 532.7  | 476.0  | 419.2 | 367.8 | 318.9 | 279.1 | 242.1 | 207.5 | 163.0 |
| 47.5°  | 705.7  | 644.0  | 582.4  | 520.4  | 459.5 | 398.8 | 345.4 | 298.9 | 257.1 | 220.8 | 173.2 |
| 45°    | 774.0  | 701.8  | 633.6  | 566.6  | 497.7 | 432.2 | 372.3 | 317.8 | 274.0 | 231.1 | 182.7 |
| 42.5°  | 842.2  | 762.8  | 686.6  | 612.1  | 537.7 | 465.5 | 397.7 | 340.1 | 290.1 | 241.0 | 191.3 |
| 40°    | 914.7  | 824.0  | 739.6  | 658.7  | 576.7 | 497.1 | 425.9 | 361.8 | 305.3 | 251.3 | 199.5 |
| 37.5°  | 985.2  | 886.7  | 794.0  | 703.2  | 614.9 | 531.3 | 453.0 | 382.1 | 319.7 | 262.8 | 207.3 |
| 35°    | 1059.9 | 949.7  | 844.2  | 747.9  | 654.3 | 563.7 | 478.4 | 402.6 | 336.2 | 274.0 | 214.6 |
| 32.5°  | 1132.0 | 1011.4 | 898.2  | 792.1  | 691.9 | 594.2 | 504.5 | 424.4 | 352.1 | 285.0 | 221.5 |
| 30°    | 1202.9 | 1073.2 | 949.9  | 833.9  | 728.3 | 626.2 | 530.7 | 444.7 | 367.3 | 295.5 | 228.4 |
| 27.5°  | 1268.2 | 1130.5 | 999.5  | 877.1  | 764.1 | 656.6 | 555.4 | 463.5 | 381.8 | 306.3 | 236.3 |
| 25°    | 1329.1 | 1185.6 | 1048.4 | 918.6  | 797.3 | 685.4 | 578.2 | 481.0 | 396.4 | 317.6 | 243.7 |
| 22.5°  | 1386.2 | 1236.8 | 1092.7 | 956.9  | 828.0 | 711.9 | 600.4 | 499.5 | 410.4 | 328.0 | 250.5 |
| 20°    | 1438.2 | 1282.9 | 1132.4 | 991.6  | 858.0 | 737.1 | 621.7 | 516.1 | 422.8 | 337.4 | 256.6 |
| 17.5°  | 1484.9 | 1325.1 | 1170.2 | 1024.1 | 885.9 | 759.4 | 640.7 | 530.8 | 433.7 | 345.8 | 262.0 |
| 15°    | 1528.3 | 1363.4 | 1203.7 | 1052.4 | 910.0 | 778.9 | 657.2 | 543.4 | 443.1 | 353.2 | 267.1 |
| 12.5°  | 1565.6 | 1396.2 | 1232.1 | 1076.4 | 930.4 | 795.4 | 671.2 | 554.0 | 450.8 | 359.8 | 271.9 |
| 10°    | 1596.3 | 1423.4 | 1255.3 | 1096.1 | 946.8 | 808.9 | 682.6 | 562.9 | 458.1 | 365.5 | 275.6 |
| 7.5°   | 1620.2 | 1444.6 | 1273.2 | 1111.2 | 959.9 | 820.1 | 692.2 | 570.7 | 464.0 | 369.8 | 278.2 |
| 5°     | 1638.3 | 1461.2 | 1288.7 | 1123.9 | 971.9 | 829.2 | 699.3 | 576.2 | 468.2 | 372.9 | 279.7 |
| 2.5°   | 1654.5 | 1473.7 | 1301.0 | 1132.2 | 980.0 | 835.1 | 703.5 | 579.5 | 470.8 | 374.5 | 280.0 |
| 0°     | 1663.6 | 1479.7 | 1307.7 | 1135.7 | 984.2 | 837.7 | 704.9 | 580.6 | 471.7 | 374.6 | 279.2 |
| -2.5°  | 1654.5 | 1473.7 | 1301.0 | 1132.2 | 980.0 | 835.1 | 703.5 | 579.5 | 470.8 | 374.5 | 280.0 |
| -5°    | 1638.3 | 1461.2 | 1288.7 | 1123.9 | 971.9 | 829.2 | 699.3 | 576.2 | 468.2 | 372.9 | 279.7 |
| -7.5°  | 1620.2 | 1444.6 | 1273.2 | 1111.2 | 959.9 | 820.1 | 692.2 | 570.7 | 464.0 | 369.8 | 278.2 |
| -10°   | 1596.3 | 1423.4 | 1255.3 | 1096.1 | 946.8 | 808.9 | 682.6 | 562.9 | 458.1 | 365.5 | 275.6 |
| -12.5° | 1565.6 | 1396.2 | 1232.1 | 1076.4 | 930.4 | 795.4 | 671.2 | 554.0 | 450.8 | 359.8 | 271.9 |
| -15°   | 1528.3 | 1363.4 | 1203.7 | 1052.4 | 910.0 | 778.9 | 657.2 | 543.4 | 443.1 | 353.2 | 267.1 |
| -17.5° | 1484.9 | 1325.1 | 1170.2 | 1024.1 | 885.9 | 759.4 | 640.7 | 530.8 | 433.7 | 345.8 | 262.0 |
| -20°   | 1438.2 | 1282.9 | 1132.4 | 991.6  | 858.0 | 737.1 | 621.7 | 516.1 | 422.8 | 337.4 | 256.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1386.2 | 1236.8 | 1092.7 | 956.9 | 828.0 | 711.9 | 600.4 | 499.5 | 410.4 | 328.0 | 250.5 |
| -25°   | 1329.1 | 1185.6 | 1048.4 | 918.6 | 797.3 | 685.4 | 578.2 | 481.0 | 396.4 | 317.6 | 243.7 |
| -27.5° | 1268.2 | 1130.5 | 999.5  | 877.1 | 764.1 | 656.6 | 555.4 | 463.5 | 381.8 | 306.3 | 236.3 |
| -30°   | 1202.9 | 1073.2 | 949.9  | 833.9 | 728.3 | 626.2 | 530.7 | 444.7 | 367.3 | 295.5 | 228.4 |
| -32.5° | 1132.0 | 1011.4 | 898.2  | 792.1 | 691.9 | 594.2 | 504.5 | 424.4 | 352.1 | 285.0 | 221.5 |
| -35°   | 1059.9 | 949.7  | 844.2  | 747.9 | 654.3 | 563.7 | 478.4 | 402.6 | 336.2 | 274.0 | 214.6 |
| -37.5° | 985.2  | 886.7  | 794.0  | 703.2 | 614.9 | 531.3 | 453.0 | 382.1 | 319.7 | 262.8 | 207.3 |
| -40°   | 914.7  | 824.0  | 739.6  | 658.7 | 576.7 | 497.1 | 425.9 | 361.8 | 305.3 | 251.3 | 199.5 |
| -42.5° | 842.2  | 762.8  | 686.6  | 612.1 | 537.7 | 465.5 | 397.7 | 340.1 | 290.1 | 241.0 | 191.3 |
| -45°   | 774.0  | 701.8  | 633.6  | 566.6 | 497.7 | 432.2 | 372.3 | 317.8 | 274.0 | 231.1 | 182.7 |
| -47.5° | 705.7  | 644.0  | 582.4  | 520.4 | 459.5 | 398.8 | 345.4 | 298.9 | 257.1 | 220.8 | 173.2 |
| -50°   | 643.5  | 588.0  | 532.7  | 476.0 | 419.2 | 367.8 | 318.9 | 279.1 | 242.1 | 207.5 | 163.0 |
| -52.5° | 583.6  | 535.3  | 483.6  | 431.2 | 382.3 | 335.3 | 296.2 | 258.9 | 226.7 | 192.9 | 152.0 |
| -55°   | 526.4  | 482.4  | 434.3  | 388.9 | 345.2 | 307.7 | 272.6 | 241.3 | 210.8 | 177.4 | 140.5 |
| -57.5° | 469.3  | 428.5  | 387.8  | 347.4 | 311.9 | 280.3 | 251.2 | 223.2 | 193.5 | 161.6 | 129.3 |
| -60°   | 412.9  | 378.2  | 341.9  | 310.0 | 280.4 | 254.2 | 231.0 | 204.4 | 175.7 | 145.6 | 116.4 |
| -62.5° | 359.4  | 328.8  | 301.6  | 274.3 | 250.1 | 229.3 | 210.2 | 184.5 | 157.5 | 129.3 | 102.6 |
| -65°   | 308.4  | 284.5  | 261.5  | 240.1 | 220.7 | 203.6 | 187.7 | 164.4 | 138.0 | 112.3 | 88.7  |
| -67.5° | 259.0  | 241.1  | 223.0  | 205.6 | 191.3 | 177.7 | 164.2 | 141.9 | 117.7 | 94.8  | 75.4  |
| -70°   | 214.2  | 199.0  | 185.5  | 173.9 | 162.6 | 151.0 | 137.0 | 117.9 | 96.7  | 78.6  | 61.7  |
| -72.5° | 170.1  | 160.0  | 150.9  | 142.4 | 133.0 | 122.0 | 109.2 | 93.7  | 77.4  | 62.1  | 47.7  |
| -75°   | 126.5  | 122.3  | 117.8  | 111.8 | 103.1 | 93.2  | 83.2  | 71.2  | 57.8  | 45.2  | 36.0  |
| -77.5° | 91.8   | 89.2   | 85.9   | 82.3  | 75.6  | 67.7  | 58.6  | 48.2  | 39.5  | 32.4  | 25.1  |
| -80°   | 60.7   | 60.0   | 58.6   | 55.9  | 49.5  | 42.3  | 36.9  | 31.3  | 25.8  | 20.1  | 14.1  |
| -82.5° | 33.6   | 34.0   | 33.9   | 33.0  | 29.1  | 25.0  | 20.7  | 16.3  | 12.1  | 7.7   | 6.1   |
| -85°   | 16.1   | 15.7   | 14.9   | 13.5  | 10.6  | 7.6   | 6.7   | 5.7   | 5.2   | 4.6   | 4.1   |
| -87.5° | 4.9    | 4.9    | 4.9    | 4.9   | 4.3   | 3.8   | 3.3   | 2.9   | 2.6   | 2.3   | 2.0   |
| -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: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°   | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| 90°    | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5°  | 1.8   | 1.5   | 1.2  | 0.9   | 0.6  | 0.3   | 0.0 |
| 85°    | 3.5   | 2.9   | 2.4  | 1.8   | 1.2  | 0.5   | 0.0 |
| 82.5°  | 5.3   | 4.4   | 3.5  | 2.7   | 1.8  | 0.8   | 0.0 |
| 80°    | 7.9   | 5.9   | 4.7  | 3.5   | 2.3  | 1.0   | 0.0 |
| 77.5°  | 17.3  | 9.2   | 5.9  | 4.4   | 2.9  | 1.3   | 0.0 |
| 75°    | 26.4  | 15.9  | 7.6  | 5.3   | 3.5  | 1.5   | 0.0 |
| 72.5°  | 35.3  | 22.4  | 12.2 | 6.1   | 4.0  | 1.8   | 0.0 |
| 70°    | 44.1  | 28.7  | 16.6 | 7.3   | 4.6  | 2.0   | 0.0 |
| 67.5°  | 54.7  | 34.8  | 20.8 | 10.0  | 5.1  | 2.3   | 0.0 |
| 65°    | 64.8  | 41.5  | 24.8 | 12.7  | 5.6  | 2.5   | 0.0 |
| 62.5°  | 74.5  | 48.9  | 28.6 | 15.1  | 6.1  | 2.7   | 0.0 |
| 60°    | 83.5  | 55.9  | 32.2 | 17.5  | 6.6  | 2.9   | 0.0 |
| 57.5°  | 93.1  | 62.5  | 37.0 | 19.7  | 7.9  | 3.1   | 0.0 |
| 55°    | 102.1 | 68.6  | 41.6 | 21.8  | 9.2  | 3.3   | 0.0 |
| 52.5°  | 110.5 | 74.4  | 45.8 | 23.7  | 10.4 | 3.5   | 0.0 |
| 50°    | 118.2 | 80.5  | 49.7 | 25.4  | 11.6 | 3.7   | 0.0 |
| 47.5°  | 125.4 | 86.1  | 53.3 | 27.2  | 12.7 | 3.9   | 0.0 |
| 45°    | 133.4 | 91.2  | 56.5 | 29.6  | 13.8 | 4.0   | 0.0 |
| 42.5°  | 140.8 | 95.7  | 59.3 | 31.7  | 14.8 | 4.2   | 0.0 |
| 40°    | 147.4 | 99.7  | 62.2 | 33.9  | 15.8 | 4.3   | 0.0 |
| 37.5°  | 153.4 | 103.0 | 65.0 | 36.1  | 16.7 | 4.5   | 0.0 |
| 35°    | 158.6 | 106.9 | 67.4 | 38.1  | 17.5 | 4.6   | 0.0 |
| 32.5°  | 163.5 | 110.8 | 69.5 | 40.0  | 18.3 | 4.7   | 0.0 |
| 30°    | 168.6 | 114.1 | 71.1 | 41.7  | 19.0 | 4.8   | 0.0 |
| 27.5°  | 173.1 | 116.9 | 73.5 | 43.2  | 19.6 | 4.9   | 0.0 |
| 25°    | 177.1 | 119.1 | 75.8 | 44.6  | 20.2 | 4.9   | 0.0 |
| 22.5°  | 180.5 | 121.3 | 77.8 | 45.9  | 20.7 | 5.0   | 0.0 |
| 20°    | 183.4 | 124.3 | 79.5 | 46.9  | 21.1 | 5.1   | 0.0 |
| 17.5°  | 186.9 | 126.8 | 81.0 | 47.8  | 21.5 | 5.1   | 0.0 |
| 15°    | 190.6 | 128.7 | 82.2 | 48.5  | 21.8 | 5.1   | 0.0 |
| 12.5°  | 193.6 | 130.1 | 83.0 | 49.1  | 22.0 | 5.2   | 0.0 |
| 10°    | 195.8 | 130.9 | 83.7 | 49.5  | 22.2 | 5.2   | 0.0 |
| 7.5°   | 197.4 | 131.3 | 84.0 | 49.7  | 22.2 | 5.2   | 0.0 |
| 5°     | 198.2 | 131.1 | 84.1 | 49.8  | 22.3 | 5.2   | 0.0 |
| 2.5°   | 198.2 | 130.5 | 83.9 | 49.7  | 22.2 | 5.1   | 0.0 |
| 0°     | 197.5 | 129.4 | 83.4 | 49.4  | 22.1 | 5.1   | 0.0 |
| -2.5°  | 198.2 | 130.5 | 83.9 | 49.7  | 22.2 | 5.1   | 0.0 |
| -5°    | 198.2 | 131.1 | 84.1 | 49.8  | 22.3 | 5.2   | 0.0 |
| -7.5°  | 197.4 | 131.3 | 84.0 | 49.7  | 22.2 | 5.2   | 0.0 |
| -10°   | 195.8 | 130.9 | 83.7 | 49.5  | 22.2 | 5.2   | 0.0 |
| -12.5° | 193.6 | 130.1 | 83.0 | 49.1  | 22.0 | 5.2   | 0.0 |
| -15°   | 190.6 | 128.7 | 82.2 | 48.5  | 21.8 | 5.1   | 0.0 |
| -17.5° | 186.9 | 126.8 | 81.0 | 47.8  | 21.5 | 5.1   | 0.0 |
| -20°   | 183.4 | 124.3 | 79.5 | 46.9  | 21.1 | 5.1   | 0.0 |

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Scaled Data Report



REPORT NUMBER: P626841 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°   | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 180.5 | 121.3 | 77.8 | 45.9  | 20.7 | 5.0   | 0.0 |
| -25°   | 177.1 | 119.1 | 75.8 | 44.6  | 20.2 | 4.9   | 0.0 |
| -27.5° | 173.1 | 116.9 | 73.5 | 43.2  | 19.6 | 4.9   | 0.0 |
| -30°   | 168.6 | 114.1 | 71.1 | 41.7  | 19.0 | 4.8   | 0.0 |
| -32.5° | 163.5 | 110.8 | 69.5 | 40.0  | 18.3 | 4.7   | 0.0 |
| -35°   | 158.6 | 106.9 | 67.4 | 38.1  | 17.5 | 4.6   | 0.0 |
| -37.5° | 153.4 | 103.0 | 65.0 | 36.1  | 16.7 | 4.5   | 0.0 |
| -40°   | 147.4 | 99.7  | 62.2 | 33.9  | 15.8 | 4.3   | 0.0 |
| -42.5° | 140.8 | 95.7  | 59.3 | 31.7  | 14.8 | 4.2   | 0.0 |
| -45°   | 133.4 | 91.2  | 56.5 | 29.6  | 13.8 | 4.0   | 0.0 |
| -47.5° | 125.4 | 86.1  | 53.3 | 27.2  | 12.7 | 3.9   | 0.0 |
| -50°   | 118.2 | 80.5  | 49.7 | 25.4  | 11.6 | 3.7   | 0.0 |
| -52.5° | 110.5 | 74.4  | 45.8 | 23.7  | 10.4 | 3.5   | 0.0 |
| -55°   | 102.1 | 68.6  | 41.6 | 21.8  | 9.2  | 3.3   | 0.0 |
| -57.5° | 93.1  | 62.5  | 37.0 | 19.7  | 7.9  | 3.1   | 0.0 |
| -60°   | 83.5  | 55.9  | 32.2 | 17.5  | 6.6  | 2.9   | 0.0 |
| -62.5° | 74.5  | 48.9  | 28.6 | 15.1  | 6.1  | 2.7   | 0.0 |
| -65°   | 64.8  | 41.5  | 24.8 | 12.7  | 5.6  | 2.5   | 0.0 |
| -67.5° | 54.7  | 34.8  | 20.8 | 10.0  | 5.1  | 2.3   | 0.0 |
| -70°   | 44.1  | 28.7  | 16.6 | 7.3   | 4.6  | 2.0   | 0.0 |
| -72.5° | 35.3  | 22.4  | 12.2 | 6.1   | 4.0  | 1.8   | 0.0 |
| -75°   | 26.4  | 15.9  | 7.6  | 5.3   | 3.5  | 1.5   | 0.0 |
| -77.5° | 17.3  | 9.2   | 5.9  | 4.4   | 2.9  | 1.3   | 0.0 |
| -80°   | 7.9   | 5.9   | 4.7  | 3.5   | 2.3  | 1.0   | 0.0 |
| -82.5° | 5.3   | 4.4   | 3.5  | 2.7   | 1.8  | 0.8   | 0.0 |
| -85°   | 3.5   | 2.9   | 2.4  | 1.8   | 1.2  | 0.5   | 0.0 |
| -87.5° | 1.8   | 1.5   | 1.2  | 0.9   | 0.6  | 0.3   | 0.0 |
| -90°   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |

(END OF REPORT)