

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: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-735-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627583 (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-SA5B-735-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N120  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

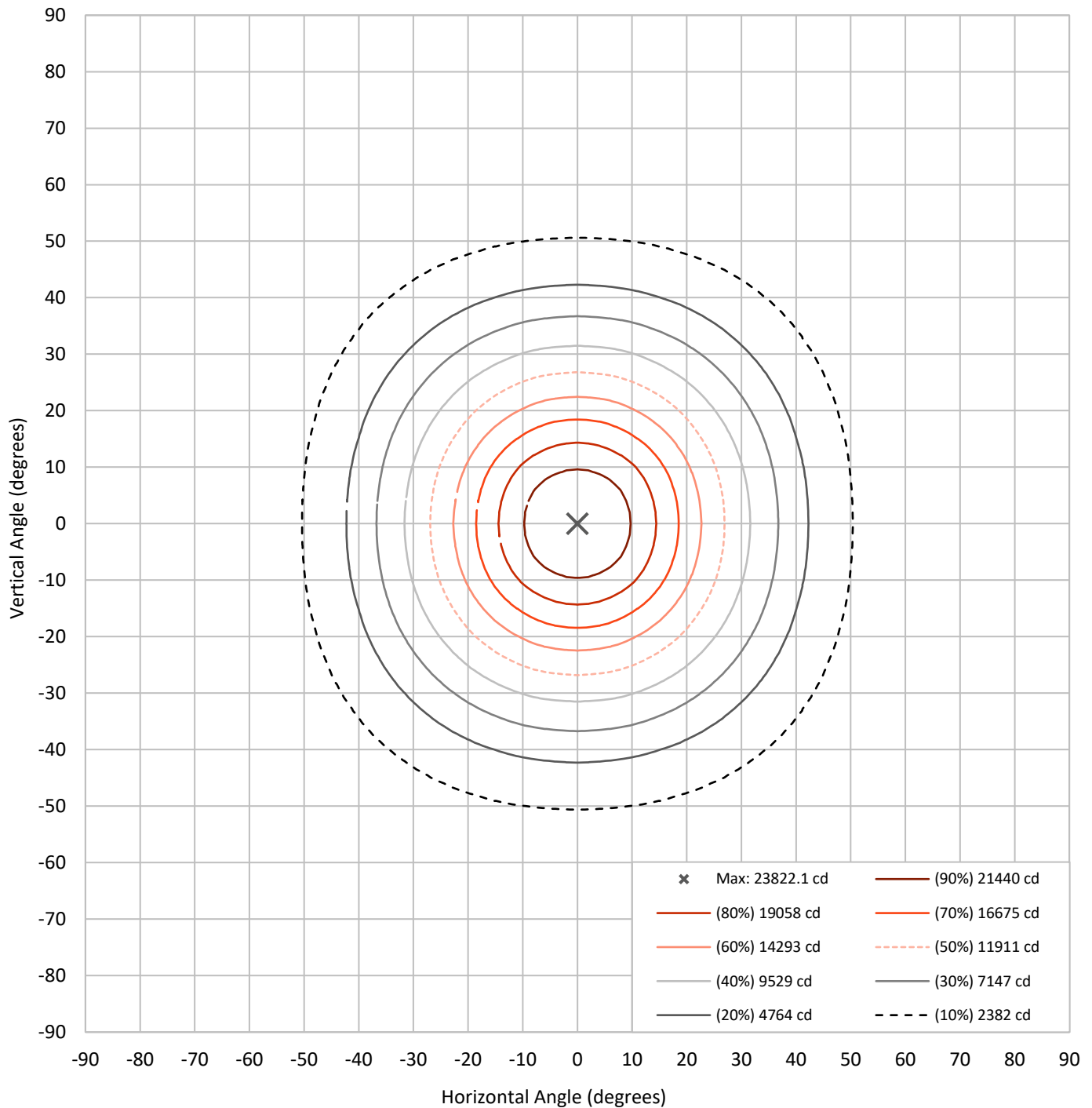
**Summary**

|                                   |                                      |                      |                   |
|-----------------------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 6H x 6V           |
| Luminaire Lumens:                 | 24245.3 lumens                       | Max Intensity:       | 23822.1 candela   |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 152.8 lumens/watt                    |                      |                   |
| Luminous Opening:                 | Rectangular (W 1.5' 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:                      | 11592.6 lumens                       | Field Lumens:        | 21397.3 lumens    |
| Beam Efficiency:                  | 47.8%                                | Field Efficiency:    | 88.3%             |
| Input Watts (W):                  | 158.7                                |                      |                   |
| Input Voltage (V):                | 120                                  |                      |                   |
| Input Current (Ain):              | NR                                   |                      |                   |
| Voltage Rise (V):                 | NR                                   |                      |                   |
| Power Factor:                     | NR                                   |                      |                   |
| Total Harmonic Distortion (THDi): | NR                                   |                      |                   |
| Frequency (hertz):                | 60                                   |                      |                   |
| Stabilization Time:               | NR                                   |                      |                   |
| Operation Time:                   | NR                                   |                      |                   |
| Ambient Temperature (°C):         | NR                                   |                      |                   |
| Test Distance:                    | 25 FT                                |                      |                   |



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### Iso-Candela Plot





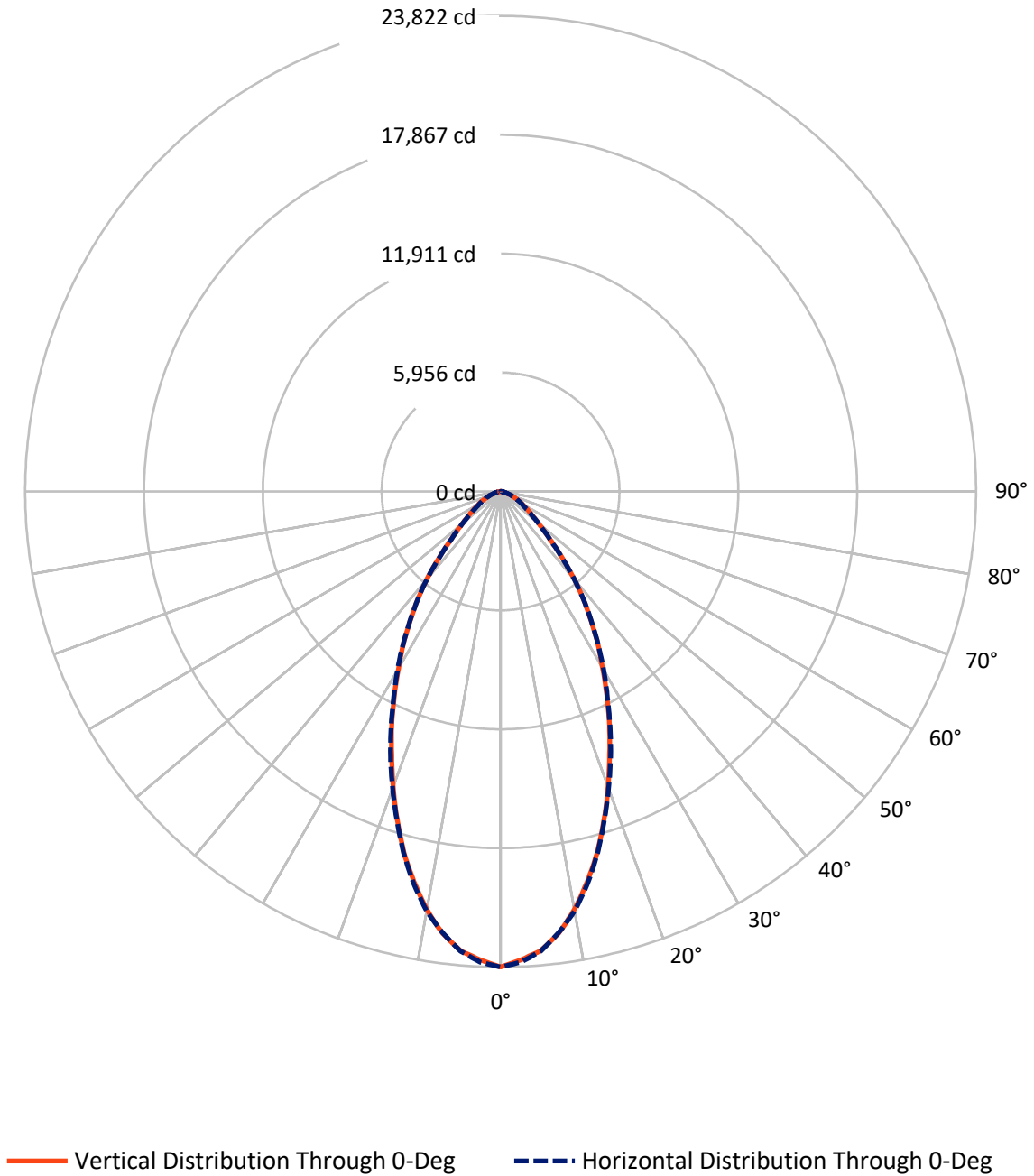
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### Lumen Table

|     |     |      |      |      |       |       |       |       |       |       |       |       |      |      |      |     |    |    |    |
|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-----|----|----|----|
| 90  |     |      |      |      |       |       |       |       |       |       |       |       |      |      | 90   |     |    |    |    |
| 80  | 0.9 | 6.7  |      | 15.2 |       | 25.4  |       | 21.7  |       | 25.4  |       | 15.2  |      | 6.7  |      | 0.9 |    |    |    |
| 70  |     |      |      |      |       |       |       |       |       |       |       |       |      |      | 70   |     |    |    |    |
| 60  | 3.1 | 3.7  | 7.0  | 11.1 | 16.2  | 21.0  | 24.6  | 26.4  | 26.4  | 24.6  | 21.0  | 16.2  | 11.1 | 7.0  | 3.7  | 3.1 |    |    |    |
| 50  |     | 5.2  | 10.5 | 18.2 | 27.9  | 38.4  | 47.9  | 53.4  | 53.4  | 47.9  | 38.4  | 27.9  | 18.2 | 10.5 | 5.2  |     |    |    |    |
| 40  | 4.6 | 6.7  | 14.5 | 27.2 | 45.8  | 70.4  | 97.0  | 114.8 | 114.8 | 97.0  | 70.4  | 45.8  | 27.2 | 14.5 | 6.7  | 4.6 |    |    |    |
| 30  |     | 8.1  | 19.0 | 39.5 | 76.8  | 136.4 | 198.2 | 235.2 | 235.2 | 198.2 | 136.4 | 76.8  | 39.5 | 19.0 | 8.1  |     |    |    |    |
| 20  | 5.5 | 9.5  | 23.7 | 55.3 | 124.2 | 223.3 | 319.5 | 381.9 | 381.9 | 319.5 | 223.3 | 124.2 | 55.3 | 23.7 | 9.5  | 5.5 |    |    |    |
| 10  |     | 10.5 | 27.8 | 71.7 | 169.5 | 301.5 | 445.2 | 547.7 | 547.7 | 445.2 | 301.5 | 169.5 | 71.7 | 27.8 | 10.5 |     |    |    |    |
| 0   | 5.8 | 11.1 | 30.1 | 82.3 | 195.2 | 350.6 | 533.5 | 670.9 | 670.9 | 533.5 | 350.6 | 195.2 | 82.3 | 30.1 | 11.1 | 5.8 |    |    |    |
| -10 |     | 11.1 | 30.1 | 82.3 | 195.2 | 350.6 | 533.5 | 670.9 | 670.9 | 533.5 | 350.6 | 195.2 | 82.3 | 30.1 | 11.1 |     |    |    |    |
| -20 | 5.5 | 10.5 | 27.8 | 71.7 | 169.5 | 301.5 | 445.2 | 547.7 | 547.7 | 445.2 | 301.5 | 169.5 | 71.7 | 27.8 | 10.5 | 5.5 |    |    |    |
| -30 |     | 9.5  | 23.7 | 55.3 | 124.2 | 223.3 | 319.5 | 381.9 | 381.9 | 319.5 | 223.3 | 124.2 | 55.3 | 23.7 | 9.5  |     |    |    |    |
| -40 | 4.6 | 8.1  | 19.0 | 39.5 | 76.8  | 136.4 | 198.2 | 235.2 | 235.2 | 198.2 | 136.4 | 76.8  | 39.5 | 19.0 | 8.1  | 4.6 |    |    |    |
| -50 |     | 6.7  | 14.5 | 27.2 | 45.8  | 70.4  | 97.0  | 114.8 | 114.8 | 97.0  | 70.4  | 45.8  | 27.2 | 14.5 | 6.7  |     |    |    |    |
| -60 | 3.1 | 5.2  | 10.5 | 18.2 | 27.9  | 38.4  | 47.9  | 53.4  | 53.4  | 47.9  | 38.4  | 27.9  | 18.2 | 10.5 | 5.2  | 3.1 |    |    |    |
| -70 |     | 3.7  | 7.0  | 11.1 | 16.2  | 21.0  | 24.6  | 26.4  | 26.4  | 24.6  | 21.0  | 16.2  | 11.1 | 7.0  | 3.7  |     |    |    |    |
| -80 |     |      |      |      |       |       |       |       |       |       |       |       |      |      | -80  |     |    |    |    |
| -90 | 0.9 | 6.7  |      | 15.2 |       | 25.4  |       | 21.7  |       | 25.4  |       | 15.2  |      | 6.7  |      | 0.9 |    |    |    |
|     | -90 | -80  | -70  | -60  | -50   | -40   | -30   | -20   | -10   | 0     | 10    | 20    | 30   | 40   | 50   | 60  | 70 | 80 | 90 |

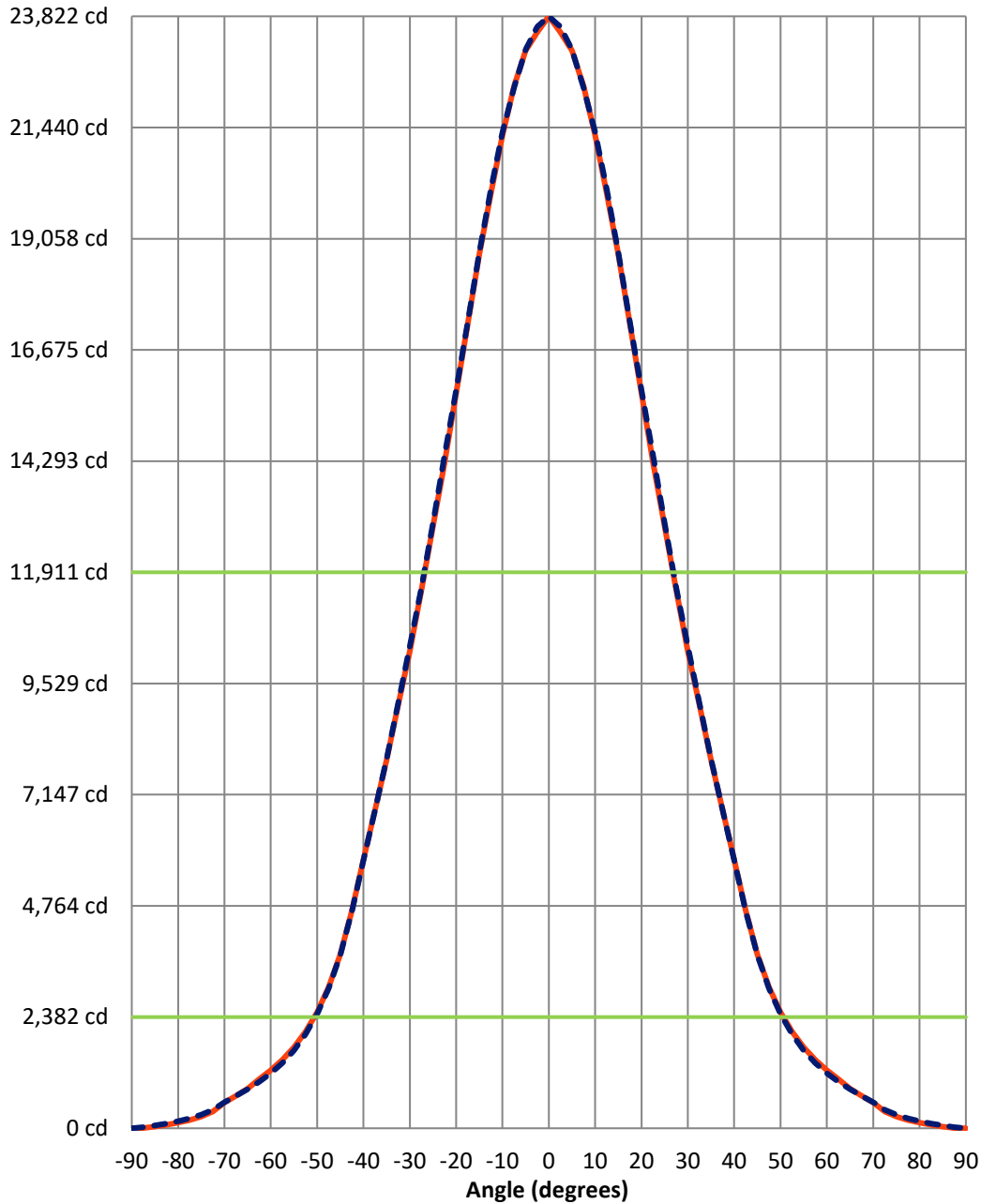
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CATALOG NUMBER: GFLD-SA5B-735-U-WR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 11592.6  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 21397.3  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 2848  
 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  | 1.2    | 2.8  | 4.6    | 6.6   | 8.8    | 11.3  | 12.5   | 13.5  | 14.4   | 15.0  |
| 85°    | 0.0  | 2.4    | 5.6  | 9.1    | 13.1  | 17.6   | 22.6  | 25.1   | 27.1  | 28.7   | 29.9  |
| 82.5°  | 0.0  | 3.6    | 8.3  | 13.6   | 19.6  | 26.4   | 33.8  | 37.6   | 41.5  | 48.1   | 53.9  |
| 80°    | 0.0  | 4.8    | 11.1 | 18.1   | 26.1  | 35.0   | 45.9  | 57.1   | 66.7  | 75.4   | 83.1  |
| 77.5°  | 0.0  | 6.0    | 13.7 | 22.5   | 32.4  | 45.5   | 65.5  | 79.9   | 92.0  | 102.7  | 113.5 |
| 75°    | 0.0  | 7.2    | 16.4 | 26.8   | 39.3  | 59.5   | 84.6  | 102.8  | 117.2 | 131.9  | 147.6 |
| 72.5°  | 0.0  | 8.3    | 19.0 | 31.1   | 48.6  | 73.1   | 103.0 | 125.2  | 142.5 | 161.2  | 181.1 |
| 70°    | 0.0  | 9.4    | 21.5 | 35.5   | 57.7  | 86.1   | 120.5 | 146.3  | 167.4 | 190.1  | 216.7 |
| 67.5°  | 0.0  | 10.5   | 24.0 | 41.0   | 66.3  | 98.5   | 135.7 | 167.0  | 191.8 | 220.0  | 251.9 |
| 65°    | 0.0  | 11.6   | 26.4 | 46.3   | 74.5  | 110.0  | 150.2 | 187.3  | 215.9 | 248.7  | 285.2 |
| 62.5°  | 0.0  | 12.6   | 28.7 | 51.3   | 82.3  | 120.4  | 163.8 | 206.5  | 239.1 | 276.3  | 316.2 |
| 60°    | 0.0  | 13.6   | 30.8 | 56.0   | 89.5  | 130.2  | 176.6 | 224.7  | 261.1 | 303.0  | 346.2 |
| 57.5°  | 0.0  | 14.6   | 33.5 | 60.4   | 96.3  | 139.4  | 188.2 | 241.1  | 283.4 | 328.8  | 373.9 |
| 55°    | 0.0  | 15.5   | 36.1 | 64.5   | 102.5 | 147.8  | 198.8 | 254.1  | 305.2 | 353.5  | 400.3 |
| 52.5°  | 0.0  | 16.4   | 38.6 | 68.2   | 108.3 | 155.5  | 208.6 | 268.3  | 326.1 | 377.0  | 426.2 |
| 50°    | 0.0  | 17.2   | 40.9 | 71.5   | 113.5 | 162.6  | 217.4 | 281.7  | 346.3 | 400.0  | 454.6 |
| 47.5°  | 0.0  | 18.0   | 43.2 | 74.6   | 118.2 | 169.0  | 225.7 | 293.8  | 366.2 | 422.4  | 482.5 |
| 45°    | 0.0  | 18.8   | 45.3 | 77.6   | 122.3 | 174.7  | 234.9 | 304.8  | 380.5 | 446.5  | 509.4 |
| 42.5°  | 0.0  | 19.5   | 47.4 | 80.3   | 125.9 | 179.6  | 243.1 | 315.5  | 393.6 | 469.8  | 537.4 |
| 40°    | 0.0  | 20.1   | 49.2 | 83.3   | 129.1 | 183.7  | 250.4 | 325.9  | 406.6 | 491.5  | 564.4 |
| 37.5°  | 0.0  | 20.7   | 51.0 | 86.3   | 131.9 | 187.1  | 256.5 | 335.3  | 420.8 | 508.6  | 590.0 |
| 35°    | 0.0  | 21.3   | 52.6 | 89.0   | 134.3 | 190.9  | 261.7 | 343.7  | 434.4 | 527.4  | 616.2 |
| 32.5°  | 0.0  | 21.8   | 54.1 | 91.6   | 136.0 | 194.6  | 266.4 | 351.0  | 447.3 | 546.5  | 643.0 |
| 30°    | 0.0  | 22.3   | 55.5 | 93.8   | 137.3 | 197.4  | 271.6 | 358.1  | 459.6 | 565.8  | 668.2 |
| 27.5°  | 0.0  | 22.7   | 56.7 | 95.8   | 140.2 | 199.4  | 275.9 | 367.0  | 472.3 | 585.1  | 691.9 |
| 25°    | 0.0  | 23.0   | 57.8 | 97.6   | 143.0 | 200.6  | 279.2 | 375.0  | 486.6 | 604.0  | 714.0 |
| 22.5°  | 0.0  | 23.3   | 58.7 | 99.1   | 145.5 | 202.2  | 281.6 | 381.9  | 500.2 | 621.4  | 738.2 |
| 20°    | 0.0  | 23.5   | 59.5 | 100.3  | 147.6 | 205.8  | 283.0 | 387.8  | 513.0 | 637.1  | 759.8 |
| 17.5°  | 0.0  | 23.7   | 60.2 | 101.3  | 149.4 | 208.9  | 286.1 | 392.6  | 524.8 | 650.9  | 778.8 |
| 15°    | 0.0  | 23.8   | 60.7 | 102.0  | 150.8 | 211.2  | 289.9 | 397.1  | 535.4 | 662.8  | 795.2 |
| 12.5°  | 0.0  | 23.9   | 61.0 | 102.4  | 151.9 | 212.9  | 292.7 | 401.2  | 544.4 | 672.7  | 808.8 |
| 10°    | 0.0  | 24.0   | 61.2 | 102.6  | 152.6 | 214.0  | 294.4 | 403.4  | 551.4 | 681.0  | 819.8 |
| 7.5°   | 0.0  | 23.9   | 61.3 | 102.6  | 152.9 | 214.5  | 295.1 | 403.9  | 556.4 | 687.4  | 828.4 |
| 5°     | 0.0  | 23.9   | 61.2 | 102.3  | 152.8 | 214.3  | 294.8 | 402.8  | 559.0 | 691.7  | 834.1 |
| 2.5°   | 0.0  | 23.8   | 61.0 | 101.8  | 152.3 | 213.5  | 293.5 | 400.0  | 559.4 | 693.9  | 836.9 |
| 0°     | 0.0  | 23.6   | 60.6 | 101.0  | 151.5 | 212.1  | 291.3 | 395.7  | 557.3 | 693.7  | 836.8 |
| -2.5°  | 0.0  | 23.8   | 61.0 | 101.8  | 152.3 | 213.5  | 293.5 | 400.0  | 559.4 | 693.9  | 836.9 |
| -5°    | 0.0  | 23.9   | 61.2 | 102.3  | 152.8 | 214.3  | 294.8 | 402.8  | 559.0 | 691.7  | 834.1 |
| -7.5°  | 0.0  | 23.9   | 61.3 | 102.6  | 152.9 | 214.5  | 295.1 | 403.9  | 556.4 | 687.4  | 828.4 |
| -10°   | 0.0  | 24.0   | 61.2 | 102.6  | 152.6 | 214.0  | 294.4 | 403.4  | 551.4 | 681.0  | 819.8 |
| -12.5° | 0.0  | 23.9   | 61.0 | 102.4  | 151.9 | 212.9  | 292.7 | 401.2  | 544.4 | 672.7  | 808.8 |
| -15°   | 0.0  | 23.8   | 60.7 | 102.0  | 150.8 | 211.2  | 289.9 | 397.1  | 535.4 | 662.8  | 795.2 |
| -17.5° | 0.0  | 23.7   | 60.2 | 101.3  | 149.4 | 208.9  | 286.1 | 392.6  | 524.8 | 650.9  | 778.8 |
| -20°   | 0.0  | 23.5   | 59.5 | 100.3  | 147.6 | 205.8  | 283.0 | 387.8  | 513.0 | 637.1  | 759.8 |

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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  | 23.3   | 58.7 | 99.1   | 145.5 | 202.2  | 281.6 | 381.9  | 500.2 | 621.4  | 738.2 |
| -25°   | 0.0  | 23.0   | 57.8 | 97.6   | 143.0 | 200.6  | 279.2 | 375.0  | 486.6 | 604.0  | 714.0 |
| -27.5° | 0.0  | 22.7   | 56.7 | 95.8   | 140.2 | 199.4  | 275.9 | 367.0  | 472.3 | 585.1  | 691.9 |
| -30°   | 0.0  | 22.3   | 55.5 | 93.8   | 137.3 | 197.4  | 271.6 | 358.1  | 459.6 | 565.8  | 668.2 |
| -32.5° | 0.0  | 21.8   | 54.1 | 91.6   | 136.0 | 194.6  | 266.4 | 351.0  | 447.3 | 546.5  | 643.0 |
| -35°   | 0.0  | 21.3   | 52.6 | 89.0   | 134.3 | 190.9  | 261.7 | 343.7  | 434.4 | 527.4  | 616.2 |
| -37.5° | 0.0  | 20.7   | 51.0 | 86.3   | 131.9 | 187.1  | 256.5 | 335.3  | 420.8 | 508.6  | 590.0 |
| -40°   | 0.0  | 20.1   | 49.2 | 83.3   | 129.1 | 183.7  | 250.4 | 325.9  | 406.6 | 491.5  | 564.4 |
| -42.5° | 0.0  | 19.5   | 47.4 | 80.3   | 125.9 | 179.6  | 243.1 | 315.5  | 393.6 | 469.8  | 537.4 |
| -45°   | 0.0  | 18.8   | 45.3 | 77.6   | 122.3 | 174.7  | 234.9 | 304.8  | 380.5 | 446.5  | 509.4 |
| -47.5° | 0.0  | 18.0   | 43.2 | 74.6   | 118.2 | 169.0  | 225.7 | 293.8  | 366.2 | 422.4  | 482.5 |
| -50°   | 0.0  | 17.2   | 40.9 | 71.5   | 113.5 | 162.6  | 217.4 | 281.7  | 346.3 | 400.0  | 454.6 |
| -52.5° | 0.0  | 16.4   | 38.6 | 68.2   | 108.3 | 155.5  | 208.6 | 268.3  | 326.1 | 377.0  | 426.2 |
| -55°   | 0.0  | 15.5   | 36.1 | 64.5   | 102.5 | 147.8  | 198.8 | 254.1  | 305.2 | 353.5  | 400.3 |
| -57.5° | 0.0  | 14.6   | 33.5 | 60.4   | 96.3  | 139.4  | 188.2 | 241.1  | 283.4 | 328.8  | 373.9 |
| -60°   | 0.0  | 13.6   | 30.8 | 56.0   | 89.5  | 130.2  | 176.6 | 224.7  | 261.1 | 303.0  | 346.2 |
| -62.5° | 0.0  | 12.6   | 28.7 | 51.3   | 82.3  | 120.4  | 163.8 | 206.5  | 239.1 | 276.3  | 316.2 |
| -65°   | 0.0  | 11.6   | 26.4 | 46.3   | 74.5  | 110.0  | 150.2 | 187.3  | 215.9 | 248.7  | 285.2 |
| -67.5° | 0.0  | 10.5   | 24.0 | 41.0   | 66.3  | 98.5   | 135.7 | 167.0  | 191.8 | 220.0  | 251.9 |
| -70°   | 0.0  | 9.4    | 21.5 | 35.5   | 57.7  | 86.1   | 120.5 | 146.3  | 167.4 | 190.1  | 216.7 |
| -72.5° | 0.0  | 8.3    | 19.0 | 31.1   | 48.6  | 73.1   | 103.0 | 125.2  | 142.5 | 161.2  | 181.1 |
| -75°   | 0.0  | 7.2    | 16.4 | 26.8   | 39.3  | 59.5   | 84.6  | 102.8  | 117.2 | 131.9  | 147.6 |
| -77.5° | 0.0  | 6.0    | 13.7 | 22.5   | 32.4  | 45.5   | 65.5  | 79.9   | 92.0  | 102.7  | 113.5 |
| -80°   | 0.0  | 4.8    | 11.1 | 18.1   | 26.1  | 35.0   | 45.9  | 57.1   | 66.7  | 75.4   | 83.1  |
| -82.5° | 0.0  | 3.6    | 8.3  | 13.6   | 19.6  | 26.4   | 33.8  | 37.6   | 41.5  | 48.1   | 53.9  |
| -85°   | 0.0  | 2.4    | 5.6  | 9.1    | 13.1  | 17.6   | 22.6  | 25.1   | 27.1  | 28.7   | 29.9  |
| -87.5° | 0.0  | 1.2    | 2.8  | 4.6    | 6.6   | 8.8    | 11.3  | 12.5   | 13.5  | 14.4   | 15.0  |
| -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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CATALOG NUMBER: GFLD-SA5B-735-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°  | 15.2   | 15.2   | 15.0   | 14.5   | 13.9   | 13.0   | 12.0   | 10.8   | 11.2   | 11.6   | 12.1   |
| 85°    | 30.4   | 30.4   | 32.9   | 35.2   | 36.3   | 36.5   | 35.7   | 34.2   | 38.6   | 43.7   | 49.1   |
| 82.5°  | 59.3   | 64.4   | 69.3   | 73.8   | 74.3   | 73.1   | 70.9   | 68.2   | 77.2   | 88.1   | 99.5   |
| 80°    | 90.9   | 98.4   | 107.2  | 115.3  | 117.2  | 116.4  | 113.9  | 109.8  | 121.7  | 138.4  | 156.5  |
| 77.5°  | 126.1  | 138.1  | 149.3  | 159.6  | 162.6  | 162.2  | 160.3  | 157.0  | 172.1  | 195.3  | 219.5  |
| 75°    | 163.3  | 177.8  | 192.3  | 204.9  | 210.4  | 210.8  | 210.2  | 213.8  | 233.6  | 260.9  | 284.9  |
| 72.5°  | 202.0  | 220.6  | 236.8  | 250.8  | 259.5  | 266.2  | 275.0  | 285.8  | 305.9  | 332.6  | 356.2  |
| 70°    | 243.0  | 263.6  | 280.7  | 296.2  | 309.6  | 324.1  | 342.8  | 361.2  | 382.4  | 409.1  | 433.6  |
| 67.5°  | 283.4  | 304.3  | 323.6  | 342.7  | 367.0  | 390.3  | 413.5  | 437.7  | 464.3  | 492.4  | 517.1  |
| 65°    | 320.9  | 344.4  | 368.1  | 395.7  | 427.4  | 453.8  | 482.4  | 513.8  | 548.8  | 580.3  | 609.0  |
| 62.5°  | 356.8  | 383.4  | 412.7  | 446.1  | 480.3  | 513.4  | 551.8  | 592.2  | 633.0  | 672.6  | 711.8  |
| 60°    | 387.2  | 420.3  | 455.8  | 493.6  | 533.1  | 578.1  | 623.1  | 671.1  | 719.9  | 767.6  | 816.1  |
| 57.5°  | 416.3  | 457.3  | 498.2  | 542.2  | 591.5  | 643.0  | 697.0  | 751.1  | 809.4  | 867.0  | 922.1  |
| 55°    | 446.6  | 494.9  | 541.5  | 593.6  | 650.1  | 710.6  | 771.6  | 837.1  | 901.5  | 974.1  | 1041.1 |
| 52.5°  | 479.0  | 531.5  | 586.3  | 645.9  | 711.9  | 780.1  | 851.6  | 926.8  | 1006.9 | 1087.6 | 1169.4 |
| 50°    | 510.5  | 569.8  | 630.7  | 702.1  | 775.8  | 853.7  | 936.3  | 1023.9 | 1117.2 | 1210.7 | 1309.7 |
| 47.5°  | 543.5  | 606.8  | 681.2  | 758.7  | 843.2  | 931.9  | 1025.4 | 1129.5 | 1233.3 | 1350.9 | 1464.5 |
| 45°    | 576.1  | 648.8  | 729.6  | 819.6  | 912.4  | 1012.2 | 1123.5 | 1237.9 | 1370.3 | 1503.1 | 1652.3 |
| 42.5°  | 607.3  | 691.2  | 782.4  | 878.6  | 984.2  | 1098.9 | 1222.0 | 1365.9 | 1515.2 | 1679.6 | 1854.7 |
| 40°    | 643.3  | 731.7  | 834.4  | 942.0  | 1056.4 | 1187.6 | 1335.7 | 1495.4 | 1677.6 | 1872.3 | 2071.3 |
| 37.5°  | 678.1  | 777.4  | 885.7  | 1002.4 | 1135.3 | 1283.0 | 1446.5 | 1642.2 | 1852.4 | 2073.8 | 2344.6 |
| 35°    | 710.8  | 820.9  | 938.6  | 1066.4 | 1210.3 | 1381.5 | 1577.1 | 1793.4 | 2035.5 | 2321.1 | 2637.0 |
| 32.5°  | 745.4  | 862.1  | 988.5  | 1132.0 | 1294.8 | 1481.8 | 1703.9 | 1958.5 | 2245.1 | 2570.4 | 2965.5 |
| 30°    | 780.4  | 904.5  | 1038.1 | 1193.3 | 1374.5 | 1590.8 | 1843.3 | 2124.6 | 2454.3 | 2862.2 | 3326.2 |
| 27.5°  | 812.7  | 944.1  | 1090.4 | 1258.3 | 1451.9 | 1691.4 | 1977.1 | 2307.0 | 2695.4 | 3156.3 | 3698.3 |
| 25°    | 842.4  | 980.2  | 1138.6 | 1320.2 | 1537.3 | 1800.0 | 2109.8 | 2475.0 | 2936.6 | 3486.3 | 4153.0 |
| 22.5°  | 870.7  | 1013.1 | 1182.1 | 1375.8 | 1614.3 | 1905.1 | 2253.8 | 2671.7 | 3181.9 | 3798.8 | 4598.4 |
| 20°    | 897.3  | 1048.7 | 1225.3 | 1429.1 | 1683.0 | 2000.0 | 2386.2 | 2855.3 | 3436.0 | 4166.2 | 5035.2 |
| 17.5°  | 920.6  | 1080.0 | 1266.2 | 1486.7 | 1759.7 | 2096.5 | 2511.0 | 3017.5 | 3662.1 | 4494.3 | 5438.2 |
| 15°    | 940.7  | 1107.0 | 1301.5 | 1536.5 | 1828.8 | 2192.3 | 2642.1 | 3195.2 | 3897.9 | 4792.7 | 5792.1 |
| 12.5°  | 957.4  | 1129.7 | 1331.3 | 1578.5 | 1886.8 | 2273.3 | 2753.9 | 3353.6 | 4127.6 | 5073.7 | 6102.7 |
| 10°    | 970.7  | 1147.8 | 1355.2 | 1612.4 | 1933.5 | 2339.1 | 2846.1 | 3483.2 | 4318.7 | 5314.6 | 6365.5 |
| 7.5°   | 981.8  | 1162.0 | 1373.5 | 1638.0 | 1968.9 | 2389.4 | 2917.9 | 3583.2 | 4468.1 | 5505.4 | 6567.2 |
| 5°     | 989.7  | 1172.2 | 1387.5 | 1656.0 | 1994.9 | 2424.4 | 2968.1 | 3653.1 | 4574.4 | 5643.6 | 6705.1 |
| 2.5°   | 994.1  | 1177.7 | 1395.4 | 1665.6 | 2010.8 | 2444.3 | 2994.5 | 3697.0 | 4632.9 | 5722.5 | 6788.5 |
| 0°     | 995.0  | 1178.6 | 1397.4 | 1666.8 | 2015.3 | 2448.0 | 2998.6 | 3710.8 | 4645.2 | 5743.0 | 6818.8 |
| -2.5°  | 994.1  | 1177.7 | 1395.4 | 1665.6 | 2010.8 | 2444.3 | 2994.5 | 3697.0 | 4632.9 | 5722.5 | 6788.5 |
| -5°    | 989.7  | 1172.2 | 1387.5 | 1656.0 | 1994.9 | 2424.4 | 2968.1 | 3653.1 | 4574.4 | 5643.6 | 6705.1 |
| -7.5°  | 981.8  | 1162.0 | 1373.5 | 1638.0 | 1968.9 | 2389.4 | 2917.9 | 3583.2 | 4468.1 | 5505.4 | 6567.2 |
| -10°   | 970.7  | 1147.8 | 1355.2 | 1612.4 | 1933.5 | 2339.1 | 2846.1 | 3483.2 | 4318.7 | 5314.6 | 6365.5 |
| -12.5° | 957.4  | 1129.7 | 1331.3 | 1578.5 | 1886.8 | 2273.3 | 2753.9 | 3353.6 | 4127.6 | 5073.7 | 6102.7 |
| -15°   | 940.7  | 1107.0 | 1301.5 | 1536.5 | 1828.8 | 2192.3 | 2642.1 | 3195.2 | 3897.9 | 4792.7 | 5792.1 |
| -17.5° | 920.6  | 1080.0 | 1266.2 | 1486.7 | 1759.7 | 2096.5 | 2511.0 | 3017.5 | 3662.1 | 4494.3 | 5438.2 |
| -20°   | 897.3  | 1048.7 | 1225.3 | 1429.1 | 1683.0 | 2000.0 | 2386.2 | 2855.3 | 3436.0 | 4166.2 | 5035.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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° | 870.7  | 1013.1 | 1182.1 | 1375.8 | 1614.3 | 1905.1 | 2253.8 | 2671.7 | 3181.9 | 3798.8 | 4598.4 |
| -25°   | 842.4  | 980.2  | 1138.6 | 1320.2 | 1537.3 | 1800.0 | 2109.8 | 2475.0 | 2936.6 | 3486.3 | 4153.0 |
| -27.5° | 812.7  | 944.1  | 1090.4 | 1258.3 | 1451.9 | 1691.4 | 1977.1 | 2307.0 | 2695.4 | 3156.3 | 3698.3 |
| -30°   | 780.4  | 904.5  | 1038.1 | 1193.3 | 1374.5 | 1590.8 | 1843.3 | 2124.6 | 2454.3 | 2862.2 | 3326.2 |
| -32.5° | 745.4  | 862.1  | 988.5  | 1132.0 | 1294.8 | 1481.8 | 1703.9 | 1958.5 | 2245.1 | 2570.4 | 2965.5 |
| -35°   | 710.8  | 820.9  | 938.6  | 1066.4 | 1210.3 | 1381.5 | 1577.1 | 1793.4 | 2035.5 | 2321.1 | 2637.0 |
| -37.5° | 678.1  | 777.4  | 885.7  | 1002.4 | 1135.3 | 1283.0 | 1446.5 | 1642.2 | 1852.4 | 2073.8 | 2344.6 |
| -40°   | 643.3  | 731.7  | 834.4  | 942.0  | 1056.4 | 1187.6 | 1335.7 | 1495.4 | 1677.6 | 1872.3 | 2071.3 |
| -42.5° | 607.3  | 691.2  | 782.4  | 878.6  | 984.2  | 1098.9 | 1222.0 | 1365.9 | 1515.2 | 1679.6 | 1854.7 |
| -45°   | 576.1  | 648.8  | 729.6  | 819.6  | 912.4  | 1012.2 | 1123.5 | 1237.9 | 1370.3 | 1503.1 | 1652.3 |
| -47.5° | 543.5  | 606.8  | 681.2  | 758.7  | 843.2  | 931.9  | 1025.4 | 1129.5 | 1233.3 | 1350.9 | 1464.5 |
| -50°   | 510.5  | 569.8  | 630.7  | 702.1  | 775.8  | 853.7  | 936.3  | 1023.9 | 1117.2 | 1210.7 | 1309.7 |
| -52.5° | 479.0  | 531.5  | 586.3  | 645.9  | 711.9  | 780.1  | 851.6  | 926.8  | 1006.9 | 1087.6 | 1169.4 |
| -55°   | 446.6  | 494.9  | 541.5  | 593.6  | 650.1  | 710.6  | 771.6  | 837.1  | 901.5  | 974.1  | 1041.1 |
| -57.5° | 416.3  | 457.3  | 498.2  | 542.2  | 591.5  | 643.0  | 697.0  | 751.1  | 809.4  | 867.0  | 922.1  |
| -60°   | 387.2  | 420.3  | 455.8  | 493.6  | 533.1  | 578.1  | 623.1  | 671.1  | 719.9  | 767.6  | 816.1  |
| -62.5° | 356.8  | 383.4  | 412.7  | 446.1  | 480.3  | 513.4  | 551.8  | 592.2  | 633.0  | 672.6  | 711.8  |
| -65°   | 320.9  | 344.4  | 368.1  | 395.7  | 427.4  | 453.8  | 482.4  | 513.8  | 548.8  | 580.3  | 609.0  |
| -67.5° | 283.4  | 304.3  | 323.6  | 342.7  | 367.0  | 390.3  | 413.5  | 437.7  | 464.3  | 492.4  | 517.1  |
| -70°   | 243.0  | 263.6  | 280.7  | 296.2  | 309.6  | 324.1  | 342.8  | 361.2  | 382.4  | 409.1  | 433.6  |
| -72.5° | 202.0  | 220.6  | 236.8  | 250.8  | 259.5  | 266.2  | 275.0  | 285.8  | 305.9  | 332.6  | 356.2  |
| -75°   | 163.3  | 177.8  | 192.3  | 204.9  | 210.4  | 210.8  | 210.2  | 213.8  | 233.6  | 260.9  | 284.9  |
| -77.5° | 126.1  | 138.1  | 149.3  | 159.6  | 162.6  | 162.2  | 160.3  | 157.0  | 172.1  | 195.3  | 219.5  |
| -80°   | 90.9   | 98.4   | 107.2  | 115.3  | 117.2  | 116.4  | 113.9  | 109.8  | 121.7  | 138.4  | 156.5  |
| -82.5° | 59.3   | 64.4   | 69.3   | 73.8   | 74.3   | 73.1   | 70.9   | 68.2   | 77.2   | 88.1   | 99.5   |
| -85°   | 30.4   | 30.4   | 32.9   | 35.2   | 36.3   | 36.5   | 35.7   | 34.2   | 38.6   | 43.7   | 49.1   |
| -87.5° | 15.2   | 15.2   | 15.0   | 14.5   | 13.9   | 13.0   | 12.0   | 10.8   | 11.2   | 11.6   | 12.1   |
| -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: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°  | 12.4          | 12.1          | 11.7           | 11.2           | 10.7           | 10.5           | 10.3           | 10.0           | 9.8            | 9.0            | 8.3            |
| 85°    | 54.7          | 56.0          | 56.6           | 57.0           | 57.0           | 58.8           | 60.5           | 62.0           | 63.4           | 57.5           | 50.9           |
| 82.5°  | 111.3         | 116.5         | 121.1          | 125.7          | 130.2          | 133.3          | 135.6          | 137.4          | 138.5          | 125.3          | 110.6          |
| 80°    | 175.3         | 186.2         | 195.3          | 204.0          | 212.3          | 214.4          | 214.4          | 213.2          | 210.9          | 193.0          | 172.6          |
| 77.5°  | 243.8         | 258.1         | 269.5          | 280.8          | 292.0          | 296.1          | 298.0          | 299.6          | 300.6          | 278.4          | 251.0          |
| 75°    | 305.8         | 323.0         | 339.0          | 353.8          | 367.5          | 374.7          | 379.0          | 382.5          | 385.2          | 362.9          | 333.6          |
| 72.5°  | 376.7         | 394.8         | 412.1          | 428.5          | 443.0          | 452.6          | 458.9          | 464.1          | 468.1          | 455.4          | 437.1          |
| 70°    | 454.6         | 473.3         | 491.6          | 508.6          | 525.0          | 538.0          | 548.1          | 556.9          | 564.1          | 565.5          | 564.9          |
| 67.5°  | 541.0         | 563.2         | 584.9          | 603.5          | 623.0          | 641.2          | 657.2          | 670.6          | 681.2          | 688.2          | 692.2          |
| 65°    | 638.1         | 671.4         | 701.1          | 726.2          | 747.2          | 771.6          | 793.0          | 809.4          | 821.0          | 829.8          | 837.4          |
| 62.5°  | 752.5         | 792.9         | 826.8          | 860.3          | 894.9          | 928.5          | 949.5          | 970.6          | 991.2          | 1010.6         | 1027.2         |
| 60°    | 862.6         | 906.9         | 952.8          | 995.6          | 1035.2         | 1071.6         | 1109.3         | 1142.7         | 1172.0         | 1196.4         | 1214.7         |
| 57.5°  | 979.9         | 1033.8        | 1086.0         | 1140.4         | 1191.5         | 1239.2         | 1285.8         | 1328.7         | 1365.9         | 1397.1         | 1422.7         |
| 55°    | 1107.2        | 1173.2        | 1235.3         | 1304.2         | 1371.1         | 1432.1         | 1488.2         | 1545.7         | 1597.5         | 1643.1         | 1679.3         |
| 52.5°  | 1244.6        | 1330.3        | 1412.5         | 1493.4         | 1580.1         | 1658.3         | 1728.3         | 1808.0         | 1878.7         | 1937.2         | 1982.7         |
| 50°    | 1408.5        | 1509.2        | 1617.7         | 1718.1         | 1827.3         | 1935.0         | 2034.2         | 2130.4         | 2224.4         | 2305.7         | 2371.5         |
| 47.5°  | 1595.1        | 1719.1        | 1853.5         | 1986.5         | 2122.2         | 2269.3         | 2400.6         | 2522.6         | 2654.1         | 2768.3         | 2859.8         |
| 45°    | 1802.6        | 1960.6        | 2122.9         | 2309.9         | 2482.2         | 2671.3         | 2846.3         | 3003.4         | 3189.9         | 3354.1         | 3486.3         |
| 42.5°  | 2032.8        | 2243.3        | 2456.7         | 2692.3         | 2920.9         | 3160.9         | 3415.9         | 3642.0         | 3889.2         | 4124.9         | 4315.4         |
| 40°    | 2318.1        | 2569.8        | 2855.6         | 3140.8         | 3468.9         | 3777.1         | 4148.4         | 4485.9         | 4792.4         | 5073.5         | 5303.8         |
| 37.5°  | 2635.1        | 2959.1        | 3318.2         | 3689.6         | 4138.6         | 4578.6         | 5013.3         | 5423.7         | 5786.0         | 6093.7         | 6351.7         |
| 35°    | 2995.0        | 3406.7        | 3841.7         | 4383.9         | 4909.9         | 5436.9         | 5927.9         | 6376.4         | 6770.5         | 7117.6         | 7412.7         |
| 32.5°  | 3409.0        | 3903.1        | 4512.0         | 5121.2         | 5721.1         | 6301.4         | 6840.5         | 7329.7         | 7761.9         | 8151.5         | 8490.9         |
| 30°    | 3844.3        | 4518.4        | 5201.8         | 5870.1         | 6525.4         | 7161.0         | 7752.6         | 8291.5         | 8779.8         | 9213.6         | 9604.6         |
| 27.5°  | 4397.4        | 5144.5        | 5889.7         | 6610.0         | 7331.0         | 8026.6         | 8667.8         | 9266.4         | 9826.7         | 10317.0        | 10764.0        |
| 25°    | 4932.3        | 5757.7        | 6549.9         | 7335.3         | 8120.1         | 8866.9         | 9583.8         | 10260.0        | 10901.8        | 11464.5        | 11963.5        |
| 22.5°  | 5467.2        | 6331.1        | 7177.6         | 8022.2         | 8865.2         | 9697.8         | 10502.7        | 11277.4        | 11995.1        | 12635.9        | 13197.6        |
| 20°    | 5962.6        | 6865.7        | 7771.0         | 8681.4         | 9595.2         | 10506.6        | 11410.7        | 12282.5        | 13082.0        | 13821.8        | 14471.9        |
| 17.5°  | 6406.8        | 7367.2        | 8327.0         | 9300.8         | 10291.4        | 11280.9        | 12285.2        | 13262.4        | 14176.5        | 15018.3        | 15772.5        |
| 15°    | 6800.1        | 7802.3        | 8833.0         | 9883.9         | 10947.6        | 12022.3        | 13118.1        | 14211.5        | 15240.5        | 16196.6        | 17038.6        |
| 12.5°  | 7144.0        | 8185.9        | 9266.2         | 10382.9        | 11537.4        | 12708.0        | 13904.0        | 15102.5        | 16241.6        | 17345.5        | 18254.6        |
| 10°    | 7427.8        | 8512.2        | 9641.3         | 10814.6        | 12032.1        | 13292.1        | 14575.1        | 15865.3        | 17120.3        | 18291.3        | 19331.0        |
| 7.5°   | 7646.9        | 8771.9        | 9935.5         | 11155.7        | 12433.1        | 13761.7        | 15121.0        | 16490.1        | 17829.4        | 19091.1        | 20241.4        |
| 5°     | 7801.5        | 8961.0        | 10139.2        | 11408.5        | 12730.2        | 14107.1        | 15519.8        | 16946.5        | 18346.6        | 19673.2        | 20865.4        |
| 2.5°   | 7891.2        | 9074.5        | 10257.8        | 11562.1        | 12906.9        | 14316.0        | 15767.1        | 17217.3        | 18654.3        | 20030.3        | 21255.4        |
| 0°     | <b>7914.9</b> | <b>9108.6</b> | <b>10325.9</b> | <b>11578.5</b> | <b>12962.5</b> | <b>14413.8</b> | <b>15812.9</b> | <b>17267.6</b> | <b>18761.0</b> | <b>20118.0</b> | <b>21338.7</b> |
| -2.5°  | 7891.2        | 9074.5        | 10257.8        | 11562.1        | 12906.9        | 14316.0        | 15767.1        | 17217.3        | 18654.3        | 20030.3        | 21255.4        |
| -5°    | 7801.5        | 8961.0        | 10139.2        | 11408.5        | 12730.2        | 14107.1        | 15519.8        | 16946.5        | 18346.6        | 19673.2        | 20865.4        |
| -7.5°  | 7646.9        | 8771.9        | 9935.5         | 11155.7        | 12433.1        | 13761.7        | 15121.0        | 16490.1        | 17829.4        | 19091.1        | 20241.4        |
| -10°   | 7427.8        | 8512.2        | 9641.3         | 10814.6        | 12032.1        | 13292.1        | 14575.1        | 15865.3        | 17120.3        | 18291.3        | 19331.0        |
| -12.5° | 7144.0        | 8185.9        | 9266.2         | 10382.9        | 11537.4        | 12708.0        | 13904.0        | 15102.5        | 16241.6        | 17345.5        | 18254.6        |
| -15°   | 6800.1        | 7802.3        | 8833.0         | 9883.9         | 10947.6        | 12022.3        | 13118.1        | 14211.5        | 15240.5        | 16196.6        | 17038.6        |
| -17.5° | 6406.8        | 7367.2        | 8327.0         | 9300.8         | 10291.4        | 11280.9        | 12285.2        | 13262.4        | 14176.5        | 15018.3        | 15772.5        |
| -20°   | 5962.6        | 6865.7        | 7771.0         | 8681.4         | 9595.2         | 10506.6        | 11410.7        | 12282.5        | 13082.0        | 13821.8        | 14471.9        |

Classified

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

Scaled Data Report



REPORT NUMBER: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°    | -17.5°  | -15°    | -12.5°  | -10°    |
|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| -22.5° | 5467.2 | 6331.1 | 7177.6 | 8022.2 | 8865.2 | 9697.8 | 10502.7 | 11277.4 | 11995.1 | 12635.9 | 13197.6 |
| -25°   | 4932.3 | 5757.7 | 6549.9 | 7335.3 | 8120.1 | 8866.9 | 9583.8  | 10260.0 | 10901.8 | 11464.5 | 11963.5 |
| -27.5° | 4397.4 | 5144.5 | 5889.7 | 6610.0 | 7331.0 | 8026.6 | 8667.8  | 9266.4  | 9826.7  | 10317.0 | 10764.0 |
| -30°   | 3844.3 | 4518.4 | 5201.8 | 5870.1 | 6525.4 | 7161.0 | 7752.6  | 8291.5  | 8779.8  | 9213.6  | 9604.6  |
| -32.5° | 3409.0 | 3903.1 | 4512.0 | 5121.2 | 5721.1 | 6301.4 | 6840.5  | 7329.7  | 7761.9  | 8151.5  | 8490.9  |
| -35°   | 2995.0 | 3406.7 | 3841.7 | 4383.9 | 4909.9 | 5436.9 | 5927.9  | 6376.4  | 6770.5  | 7117.6  | 7412.7  |
| -37.5° | 2635.1 | 2959.1 | 3318.2 | 3689.6 | 4138.6 | 4578.6 | 5013.3  | 5423.7  | 5786.0  | 6093.7  | 6351.7  |
| -40°   | 2318.1 | 2569.8 | 2855.6 | 3140.8 | 3468.9 | 3777.1 | 4148.4  | 4485.9  | 4792.4  | 5073.5  | 5303.8  |
| -42.5° | 2032.8 | 2243.3 | 2456.7 | 2692.3 | 2920.9 | 3160.9 | 3415.9  | 3642.0  | 3889.2  | 4124.9  | 4315.4  |
| -45°   | 1802.6 | 1960.6 | 2122.9 | 2309.9 | 2482.2 | 2671.3 | 2846.3  | 3003.4  | 3189.9  | 3354.1  | 3486.3  |
| -47.5° | 1595.1 | 1719.1 | 1853.5 | 1986.5 | 2122.2 | 2269.3 | 2400.6  | 2522.6  | 2654.1  | 2768.3  | 2859.8  |
| -50°   | 1408.5 | 1509.2 | 1617.7 | 1718.1 | 1827.3 | 1935.0 | 2034.2  | 2130.4  | 2224.4  | 2305.7  | 2371.5  |
| -52.5° | 1244.6 | 1330.3 | 1412.5 | 1493.4 | 1580.1 | 1658.3 | 1728.3  | 1808.0  | 1878.7  | 1937.2  | 1982.7  |
| -55°   | 1107.2 | 1173.2 | 1235.3 | 1304.2 | 1371.1 | 1432.1 | 1488.2  | 1545.7  | 1597.5  | 1643.1  | 1679.3  |
| -57.5° | 979.9  | 1033.8 | 1086.0 | 1140.4 | 1191.5 | 1239.2 | 1285.8  | 1328.7  | 1365.9  | 1397.1  | 1422.7  |
| -60°   | 862.6  | 906.9  | 952.8  | 995.6  | 1035.2 | 1071.6 | 1109.3  | 1142.7  | 1172.0  | 1196.4  | 1214.7  |
| -62.5° | 752.5  | 792.9  | 826.8  | 860.3  | 894.9  | 928.5  | 949.5   | 970.6   | 991.2   | 1010.6  | 1027.2  |
| -65°   | 638.1  | 671.4  | 701.1  | 726.2  | 747.2  | 771.6  | 793.0   | 809.4   | 821.0   | 829.8   | 837.4   |
| -67.5° | 541.0  | 563.2  | 584.9  | 603.5  | 623.0  | 641.2  | 657.2   | 670.6   | 681.2   | 688.2   | 692.2   |
| -70°   | 454.6  | 473.3  | 491.6  | 508.6  | 525.0  | 538.0  | 548.1   | 556.9   | 564.1   | 565.5   | 564.9   |
| -72.5° | 376.7  | 394.8  | 412.1  | 428.5  | 443.0  | 452.6  | 458.9   | 464.1   | 468.1   | 455.4   | 437.1   |
| -75°   | 305.8  | 323.0  | 339.0  | 353.8  | 367.5  | 374.7  | 379.0   | 382.5   | 385.2   | 362.9   | 333.6   |
| -77.5° | 243.8  | 258.1  | 269.5  | 280.8  | 292.0  | 296.1  | 298.0   | 299.6   | 300.6   | 278.4   | 251.0   |
| -80°   | 175.3  | 186.2  | 195.3  | 204.0  | 212.3  | 214.4  | 214.4   | 213.2   | 210.9   | 193.0   | 172.6   |
| -82.5° | 111.3  | 116.5  | 121.1  | 125.7  | 130.2  | 133.3  | 135.6   | 137.4   | 138.5   | 125.3   | 110.6   |
| -85°   | 54.7   | 56.0   | 56.6   | 57.0   | 57.0   | 58.8   | 60.5    | 62.0    | 63.4    | 57.5    | 50.9    |
| -87.5° | 12.4   | 12.1   | 11.7   | 11.2   | 10.7   | 10.5   | 10.3    | 10.0    | 9.8     | 9.0     | 8.3     |
| -90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°  | 7.5     | 6.7     | 5.9     | 5.1     | 5.9     | 6.7     | 7.5     | 8.3     | 9.0     | 9.8     | 10.0    |
| 85°    | 44.0    | 36.8    | 36.1    | 35.4    | 36.1    | 36.8    | 44.0    | 50.9    | 57.5    | 63.4    | 62.0    |
| 82.5°  | 95.0    | 78.9    | 76.5    | 74.1    | 76.5    | 78.9    | 95.0    | 110.6   | 125.3   | 138.5   | 137.4   |
| 80°    | 151.4   | 129.5   | 125.3   | 121.2   | 125.3   | 129.5   | 151.4   | 172.6   | 193.0   | 210.9   | 213.2   |
| 77.5°  | 222.2   | 192.2   | 183.4   | 175.1   | 183.4   | 192.2   | 222.2   | 251.0   | 278.4   | 300.6   | 299.6   |
| 75°    | 303.1   | 271.6   | 260.9   | 250.9   | 260.9   | 271.6   | 303.1   | 333.6   | 362.9   | 385.2   | 382.5   |
| 72.5°  | 418.5   | 399.3   | 379.9   | 358.6   | 379.9   | 399.3   | 418.5   | 437.1   | 455.4   | 468.1   | 464.1   |
| 70°    | 564.3   | 563.0   | 558.1   | 550.6   | 558.1   | 563.0   | 564.3   | 564.9   | 565.5   | 564.1   | 556.9   |
| 67.5°  | 693.9   | 693.3   | 695.0   | 695.4   | 695.0   | 693.3   | 693.9   | 692.2   | 688.2   | 681.2   | 670.6   |
| 65°    | 842.0   | 843.6   | 847.1   | 848.6   | 847.1   | 843.6   | 842.0   | 837.4   | 829.8   | 821.0   | 809.4   |
| 62.5°  | 1039.9  | 1048.5  | 1052.8  | 1052.3  | 1052.8  | 1048.5  | 1039.9  | 1027.2  | 1010.6  | 991.2   | 970.6   |
| 60°    | 1228.3  | 1237.2  | 1242.8  | 1244.2  | 1242.8  | 1237.2  | 1228.3  | 1214.7  | 1196.4  | 1172.0  | 1142.7  |
| 57.5°  | 1442.9  | 1457.6  | 1465.4  | 1466.5  | 1465.4  | 1457.6  | 1442.9  | 1422.7  | 1397.1  | 1365.9  | 1328.7  |
| 55°    | 1707.1  | 1726.5  | 1735.2  | 1734.2  | 1735.2  | 1726.5  | 1707.1  | 1679.3  | 1643.1  | 1597.5  | 1545.7  |
| 52.5°  | 2017.2  | 2040.8  | 2058.5  | 2069.2  | 2058.5  | 2040.8  | 2017.2  | 1982.7  | 1937.2  | 1878.7  | 1808.0  |
| 50°    | 2420.9  | 2454.7  | 2476.3  | 2485.1  | 2476.3  | 2454.7  | 2420.9  | 2371.5  | 2305.7  | 2224.4  | 2130.4  |
| 47.5°  | 2926.0  | 2970.8  | 3004.1  | 3027.2  | 3004.1  | 2970.8  | 2926.0  | 2859.8  | 2768.3  | 2654.1  | 2522.6  |
| 45°    | 3583.9  | 3652.3  | 3698.8  | 3725.9  | 3698.8  | 3652.3  | 3583.9  | 3486.3  | 3354.1  | 3189.9  | 3003.4  |
| 42.5°  | 4464.2  | 4570.4  | 4635.4  | 4660.4  | 4635.4  | 4570.4  | 4464.2  | 4315.4  | 4124.9  | 3889.2  | 3642.0  |
| 40°    | 5485.7  | 5613.3  | 5696.9  | 5754.7  | 5696.9  | 5613.3  | 5485.7  | 5303.8  | 5073.5  | 4792.4  | 4485.9  |
| 37.5°  | 6549.8  | 6683.7  | 6765.2  | 6820.5  | 6765.2  | 6683.7  | 6549.8  | 6351.7  | 6093.7  | 5786.0  | 5423.7  |
| 35°    | 7635.2  | 7775.5  | 7851.9  | 7894.7  | 7851.9  | 7775.5  | 7635.2  | 7412.7  | 7117.6  | 6770.5  | 6376.4  |
| 32.5°  | 8749.7  | 8904.2  | 8987.3  | 9073.2  | 8987.3  | 8904.2  | 8749.7  | 8490.9  | 8151.5  | 7761.9  | 7329.7  |
| 30°    | 9913.6  | 10090.9 | 10177.9 | 10219.8 | 10177.9 | 10090.9 | 9913.6  | 9604.6  | 9213.6  | 8779.8  | 8291.5  |
| 27.5°  | 11124.7 | 11345.7 | 11454.6 | 11526.3 | 11454.6 | 11345.7 | 11124.7 | 10764.0 | 10317.0 | 9826.7  | 9266.4  |
| 25°    | 12384.9 | 12658.8 | 12783.5 | 12895.1 | 12783.5 | 12658.8 | 12384.9 | 11963.5 | 11464.5 | 10901.8 | 10260.0 |
| 22.5°  | 13692.5 | 14033.5 | 14177.9 | 14257.2 | 14177.9 | 14033.5 | 13692.5 | 13197.6 | 12635.9 | 11995.1 | 11277.4 |
| 20°    | 15034.1 | 15441.7 | 15642.3 | 15745.6 | 15642.3 | 15441.7 | 15034.1 | 14471.9 | 13821.8 | 13082.0 | 12282.5 |
| 17.5°  | 16406.0 | 16913.0 | 17172.6 | 17232.2 | 17172.6 | 16913.0 | 16406.0 | 15772.5 | 15018.3 | 14176.5 | 13262.4 |
| 15°    | 17752.9 | 18301.2 | 18608.2 | 18720.6 | 18608.2 | 18301.2 | 17752.9 | 17038.6 | 16196.6 | 15240.5 | 14211.5 |
| 12.5°  | 19028.3 | 19596.7 | 19963.4 | 20028.8 | 19963.4 | 19596.7 | 19028.3 | 18254.6 | 17345.5 | 16241.6 | 15102.5 |
| 10°    | 20185.1 | 20773.9 | 21179.0 | 21271.3 | 21179.0 | 20773.9 | 20185.1 | 19331.0 | 18291.3 | 17120.3 | 15865.3 |
| 7.5°   | 21152.2 | 21798.2 | 22245.8 | 22323.6 | 22245.8 | 21798.2 | 21152.2 | 20241.4 | 19091.1 | 17829.4 | 16490.1 |
| 5°     | 21859.8 | 22626.7 | 22994.1 | 23086.3 | 22994.1 | 22626.7 | 21859.8 | 20865.4 | 19673.2 | 18346.6 | 16946.5 |
| 2.5°   | 22247.9 | 23028.7 | 23539.2 | 23480.3 | 23539.2 | 23028.7 | 22247.9 | 21255.4 | 20030.3 | 18654.3 | 17217.3 |
| 0°     | 22291.6 | 23108.2 | 23596.4 | 23822.1 | 23596.4 | 23108.2 | 22291.6 | 21338.7 | 20118.0 | 18761.0 | 17267.6 |
| -2.5°  | 22247.9 | 23028.7 | 23539.2 | 23480.3 | 23539.2 | 23028.7 | 22247.9 | 21255.4 | 20030.3 | 18654.3 | 17217.3 |
| -5°    | 21859.8 | 22626.7 | 22994.1 | 23086.3 | 22994.1 | 22626.7 | 21859.8 | 20865.4 | 19673.2 | 18346.6 | 16946.5 |
| -7.5°  | 21152.2 | 21798.2 | 22245.8 | 22323.6 | 22245.8 | 21798.2 | 21152.2 | 20241.4 | 19091.1 | 17829.4 | 16490.1 |
| -10°   | 20185.1 | 20773.9 | 21179.0 | 21271.3 | 21179.0 | 20773.9 | 20185.1 | 19331.0 | 18291.3 | 17120.3 | 15865.3 |
| -12.5° | 19028.3 | 19596.7 | 19963.4 | 20028.8 | 19963.4 | 19596.7 | 19028.3 | 18254.6 | 17345.5 | 16241.6 | 15102.5 |
| -15°   | 17752.9 | 18301.2 | 18608.2 | 18720.6 | 18608.2 | 18301.2 | 17752.9 | 17038.6 | 16196.6 | 15240.5 | 14211.5 |
| -17.5° | 16406.0 | 16913.0 | 17172.6 | 17232.2 | 17172.6 | 16913.0 | 16406.0 | 15772.5 | 15018.3 | 14176.5 | 13262.4 |
| -20°   | 15034.1 | 15441.7 | 15642.3 | 15745.6 | 15642.3 | 15441.7 | 15034.1 | 14471.9 | 13821.8 | 13082.0 | 12282.5 |



REPORT NUMBER: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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° | 13692.5 | 14033.5 | 14177.9 | 14257.2 | 14177.9 | 14033.5 | 13692.5 | 13197.6 | 12635.9 | 11995.1 | 11277.4 |
| -25°   | 12384.9 | 12658.8 | 12783.5 | 12895.1 | 12783.5 | 12658.8 | 12384.9 | 11963.5 | 11464.5 | 10901.8 | 10260.0 |
| -27.5° | 11124.7 | 11345.7 | 11454.6 | 11526.3 | 11454.6 | 11345.7 | 11124.7 | 10764.0 | 10317.0 | 9826.7  | 9266.4  |
| -30°   | 9913.6  | 10090.9 | 10177.9 | 10219.8 | 10177.9 | 10090.9 | 9913.6  | 9604.6  | 9213.6  | 8779.8  | 8291.5  |
| -32.5° | 8749.7  | 8904.2  | 8987.3  | 9073.2  | 8987.3  | 8904.2  | 8749.7  | 8490.9  | 8151.5  | 7761.9  | 7329.7  |
| -35°   | 7635.2  | 7775.5  | 7851.9  | 7894.7  | 7851.9  | 7775.5  | 7635.2  | 7412.7  | 7117.6  | 6770.5  | 6376.4  |
| -37.5° | 6549.8  | 6683.7  | 6765.2  | 6820.5  | 6765.2  | 6683.7  | 6549.8  | 6351.7  | 6093.7  | 5786.0  | 5423.7  |
| -40°   | 5485.7  | 5613.3  | 5696.9  | 5754.7  | 5696.9  | 5613.3  | 5485.7  | 5303.8  | 5073.5  | 4792.4  | 4485.9  |
| -42.5° | 4464.2  | 4570.4  | 4635.4  | 4660.4  | 4635.4  | 4570.4  | 4464.2  | 4315.4  | 4124.9  | 3889.2  | 3642.0  |
| -45°   | 3583.9  | 3652.3  | 3698.8  | 3725.9  | 3698.8  | 3652.3  | 3583.9  | 3486.3  | 3354.1  | 3189.9  | 3003.4  |
| -47.5° | 2926.0  | 2970.8  | 3004.1  | 3027.2  | 3004.1  | 2970.8  | 2926.0  | 2859.8  | 2768.3  | 2654.1  | 2522.6  |
| -50°   | 2420.9  | 2454.7  | 2476.3  | 2485.1  | 2476.3  | 2454.7  | 2420.9  | 2371.5  | 2305.7  | 2224.4  | 2130.4  |
| -52.5° | 2017.2  | 2040.8  | 2058.5  | 2069.2  | 2058.5  | 2040.8  | 2017.2  | 1982.7  | 1937.2  | 1878.7  | 1808.0  |
| -55°   | 1707.1  | 1726.5  | 1735.2  | 1734.2  | 1735.2  | 1726.5  | 1707.1  | 1679.3  | 1643.1  | 1597.5  | 1545.7  |
| -57.5° | 1442.9  | 1457.6  | 1465.4  | 1466.5  | 1465.4  | 1457.6  | 1442.9  | 1422.7  | 1397.1  | 1365.9  | 1328.7  |
| -60°   | 1228.3  | 1237.2  | 1242.8  | 1244.2  | 1242.8  | 1237.2  | 1228.3  | 1214.7  | 1196.4  | 1172.0  | 1142.7  |
| -62.5° | 1039.9  | 1048.5  | 1052.8  | 1052.3  | 1052.8  | 1048.5  | 1039.9  | 1027.2  | 1010.6  | 991.2   | 970.6   |
| -65°   | 842.0   | 843.6   | 847.1   | 848.6   | 847.1   | 843.6   | 842.0   | 837.4   | 829.8   | 821.0   | 809.4   |
| -67.5° | 693.9   | 693.3   | 695.0   | 695.4   | 695.0   | 693.3   | 693.9   | 692.2   | 688.2   | 681.2   | 670.6   |
| -70°   | 564.3   | 563.0   | 558.1   | 550.6   | 558.1   | 563.0   | 564.3   | 564.9   | 565.5   | 564.1   | 556.9   |
| -72.5° | 418.5   | 399.3   | 379.9   | 358.6   | 379.9   | 399.3   | 418.5   | 437.1   | 455.4   | 468.1   | 464.1   |
| -75°   | 303.1   | 271.6   | 260.9   | 250.9   | 260.9   | 271.6   | 303.1   | 333.6   | 362.9   | 385.2   | 382.5   |
| -77.5° | 222.2   | 192.2   | 183.4   | 175.1   | 183.4   | 192.2   | 222.2   | 251.0   | 278.4   | 300.6   | 299.6   |
| -80°   | 151.4   | 129.5   | 125.3   | 121.2   | 125.3   | 129.5   | 151.4   | 172.6   | 193.0   | 210.9   | 213.2   |
| -82.5° | 95.0    | 78.9    | 76.5    | 74.1    | 76.5    | 78.9    | 95.0    | 110.6   | 125.3   | 138.5   | 137.4   |
| -85°   | 44.0    | 36.8    | 36.1    | 35.4    | 36.1    | 36.8    | 44.0    | 50.9    | 57.5    | 63.4    | 62.0    |
| -87.5° | 7.5     | 6.7     | 5.9     | 5.1     | 5.9     | 6.7     | 7.5     | 8.3     | 9.0     | 9.8     | 10.0    |
| -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: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-735-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°  | 10.3    | 10.5    | 10.7    | 11.2    | 11.7    | 12.1   | 12.4   | 12.1   | 11.6   | 11.2   | 10.8   |
| 85°    | 60.5    | 58.8    | 57.0    | 57.0    | 56.6    | 56.0   | 54.7   | 49.1   | 43.7   | 38.6   | 34.2   |
| 82.5°  | 135.6   | 133.3   | 130.2   | 125.7   | 121.1   | 116.5  | 111.3  | 99.5   | 88.1   | 77.2   | 68.2   |
| 80°    | 214.4   | 214.4   | 212.3   | 204.0   | 195.3   | 186.2  | 175.3  | 156.5  | 138.4  | 121.7  | 109.8  |
| 77.5°  | 298.0   | 296.1   | 292.0   | 280.8   | 269.5   | 258.1  | 243.8  | 219.5  | 195.3  | 172.1  | 157.0  |
| 75°    | 379.0   | 374.7   | 367.5   | 353.8   | 339.0   | 323.0  | 305.8  | 284.9  | 260.9  | 233.6  | 213.8  |
| 72.5°  | 458.9   | 452.6   | 443.0   | 428.5   | 412.1   | 394.8  | 376.7  | 356.2  | 332.6  | 305.9  | 285.8  |
| 70°    | 548.1   | 538.0   | 525.0   | 508.6   | 491.6   | 473.3  | 454.6  | 433.6  | 409.1  | 382.4  | 361.2  |
| 67.5°  | 657.2   | 641.2   | 623.0   | 603.5   | 584.9   | 563.2  | 541.0  | 517.1  | 492.4  | 464.3  | 437.7  |
| 65°    | 793.0   | 771.6   | 747.2   | 726.2   | 701.1   | 671.4  | 638.1  | 609.0  | 580.3  | 548.8  | 513.8  |
| 62.5°  | 949.5   | 928.5   | 894.9   | 860.3   | 826.8   | 792.9  | 752.5  | 711.8  | 672.6  | 633.0  | 592.2  |
| 60°    | 1109.3  | 1071.6  | 1035.2  | 995.6   | 952.8   | 906.9  | 862.6  | 816.1  | 767.6  | 719.9  | 671.1  |
| 57.5°  | 1285.8  | 1239.2  | 1191.5  | 1140.4  | 1086.0  | 1033.8 | 979.9  | 922.1  | 867.0  | 809.4  | 751.1  |
| 55°    | 1488.2  | 1432.1  | 1371.1  | 1304.2  | 1235.3  | 1173.2 | 1107.2 | 1041.1 | 974.1  | 901.5  | 837.1  |
| 52.5°  | 1728.3  | 1658.3  | 1580.1  | 1493.4  | 1412.5  | 1330.3 | 1244.6 | 1169.4 | 1087.6 | 1006.9 | 926.8  |
| 50°    | 2034.2  | 1935.0  | 1827.3  | 1718.1  | 1617.7  | 1509.2 | 1408.5 | 1309.7 | 1210.7 | 1117.2 | 1023.9 |
| 47.5°  | 2400.6  | 2269.3  | 2122.2  | 1986.5  | 1853.5  | 1719.1 | 1595.1 | 1464.5 | 1350.9 | 1233.3 | 1129.5 |
| 45°    | 2846.3  | 2671.3  | 2482.2  | 2309.9  | 2122.9  | 1960.6 | 1802.6 | 1652.3 | 1503.1 | 1370.3 | 1237.9 |
| 42.5°  | 3415.9  | 3160.9  | 2920.9  | 2692.3  | 2456.7  | 2243.3 | 2032.8 | 1854.7 | 1679.6 | 1515.2 | 1365.9 |
| 40°    | 4148.4  | 3777.1  | 3468.9  | 3140.8  | 2855.6  | 2569.8 | 2318.1 | 2071.3 | 1872.3 | 1677.6 | 1495.4 |
| 37.5°  | 5013.3  | 4578.6  | 4138.6  | 3689.6  | 3318.2  | 2959.1 | 2635.1 | 2344.6 | 2073.8 | 1852.4 | 1642.2 |
| 35°    | 5927.9  | 5436.9  | 4909.9  | 4383.9  | 3841.7  | 3406.7 | 2995.0 | 2637.0 | 2321.1 | 2035.5 | 1793.4 |
| 32.5°  | 6840.5  | 6301.4  | 5721.1  | 5121.2  | 4512.0  | 3903.1 | 3409.0 | 2965.5 | 2570.4 | 2245.1 | 1958.5 |
| 30°    | 7752.6  | 7161.0  | 6525.4  | 5870.1  | 5201.8  | 4518.4 | 3844.3 | 3326.2 | 2862.2 | 2454.3 | 2124.6 |
| 27.5°  | 8667.8  | 8026.6  | 7331.0  | 6610.0  | 5889.7  | 5144.5 | 4397.4 | 3698.3 | 3156.3 | 2695.4 | 2307.0 |
| 25°    | 9583.8  | 8866.9  | 8120.1  | 7335.3  | 6549.9  | 5757.7 | 4932.3 | 4153.0 | 3486.3 | 2936.6 | 2475.0 |
| 22.5°  | 10502.7 | 9697.8  | 8865.2  | 8022.2  | 7177.6  | 6331.1 | 5467.2 | 4598.4 | 3798.8 | 3181.9 | 2671.7 |
| 20°    | 11410.7 | 10506.6 | 9595.2  | 8681.4  | 7771.0  | 6865.7 | 5962.6 | 5035.2 | 4166.2 | 3436.0 | 2855.3 |
| 17.5°  | 12285.2 | 11280.9 | 10291.4 | 9300.8  | 8327.0  | 7367.2 | 6406.8 | 5438.2 | 4494.3 | 3662.1 | 3017.5 |
| 15°    | 13118.1 | 12022.3 | 10947.6 | 9883.9  | 8833.0  | 7802.3 | 6800.1 | 5792.1 | 4792.7 | 3897.9 | 3195.2 |
| 12.5°  | 13904.0 | 12708.0 | 11537.4 | 10382.9 | 9266.2  | 8185.9 | 7144.0 | 6102.7 | 5073.7 | 4127.6 | 3353.6 |
| 10°    | 14575.1 | 13292.1 | 12032.1 | 10814.6 | 9641.3  | 8512.2 | 7427.8 | 6365.5 | 5314.6 | 4318.7 | 3483.2 |
| 7.5°   | 15121.0 | 13761.7 | 12433.1 | 11155.7 | 9935.5  | 8771.9 | 7646.9 | 6567.2 | 5505.4 | 4468.1 | 3583.2 |
| 5°     | 15519.8 | 14107.1 | 12730.2 | 11408.5 | 10139.2 | 8961.0 | 7801.5 | 6705.1 | 5643.6 | 4574.4 | 3653.1 |
| 2.5°   | 15767.1 | 14316.0 | 12906.9 | 11562.1 | 10257.8 | 9074.5 | 7891.2 | 6788.5 | 5722.5 | 4632.9 | 3697.0 |
| 0°     | 15812.9 | 14413.8 | 12962.5 | 11578.5 | 10325.9 | 9108.6 | 7914.9 | 6818.8 | 5743.0 | 4645.2 | 3710.8 |
| -2.5°  | 15767.1 | 14316.0 | 12906.9 | 11562.1 | 10257.8 | 9074.5 | 7891.2 | 6788.5 | 5722.5 | 4632.9 | 3697.0 |
| -5°    | 15519.8 | 14107.1 | 12730.2 | 11408.5 | 10139.2 | 8961.0 | 7801.5 | 6705.1 | 5643.6 | 4574.4 | 3653.1 |
| -7.5°  | 15121.0 | 13761.7 | 12433.1 | 11155.7 | 9935.5  | 8771.9 | 7646.9 | 6567.2 | 5505.4 | 4468.1 | 3583.2 |
| -10°   | 14575.1 | 13292.1 | 12032.1 | 10814.6 | 9641.3  | 8512.2 | 7427.8 | 6365.5 | 5314.6 | 4318.7 | 3483.2 |
| -12.5° | 13904.0 | 12708.0 | 11537.4 | 10382.9 | 9266.2  | 8185.9 | 7144.0 | 6102.7 | 5073.7 | 4127.6 | 3353.6 |
| -15°   | 13118.1 | 12022.3 | 10947.6 | 9883.9  | 8833.0  | 7802.3 | 6800.1 | 5792.1 | 4792.7 | 3897.9 | 3195.2 |
| -17.5° | 12285.2 | 11280.9 | 10291.4 | 9300.8  | 8327.0  | 7367.2 | 6406.8 | 5438.2 | 4494.3 | 3662.1 | 3017.5 |
| -20°   | 11410.7 | 10506.6 | 9595.2  | 8681.4  | 7771.0  | 6865.7 | 5962.6 | 5035.2 | 4166.2 | 3436.0 | 2855.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 10502.7 | 9697.8 | 8865.2 | 8022.2 | 7177.6 | 6331.1 | 5467.2 | 4598.4 | 3798.8 | 3181.9 | 2671.7 |
| -25°   | 9583.8  | 8866.9 | 8120.1 | 7335.3 | 6549.9 | 5757.7 | 4932.3 | 4153.0 | 3486.3 | 2936.6 | 2475.0 |
| -27.5° | 8667.8  | 8026.6 | 7331.0 | 6610.0 | 5889.7 | 5144.5 | 4397.4 | 3698.3 | 3156.3 | 2695.4 | 2307.0 |
| -30°   | 7752.6  | 7161.0 | 6525.4 | 5870.1 | 5201.8 | 4518.4 | 3844.3 | 3326.2 | 2862.2 | 2454.3 | 2124.6 |
| -32.5° | 6840.5  | 6301.4 | 5721.1 | 5121.2 | 4512.0 | 3903.1 | 3409.0 | 2965.5 | 2570.4 | 2245.1 | 1958.5 |
| -35°   | 5927.9  | 5436.9 | 4909.9 | 4383.9 | 3841.7 | 3406.7 | 2995.0 | 2637.0 | 2321.1 | 2035.5 | 1793.4 |
| -37.5° | 5013.3  | 4578.6 | 4138.6 | 3689.6 | 3318.2 | 2959.1 | 2635.1 | 2344.6 | 2073.8 | 1852.4 | 1642.2 |
| -40°   | 4148.4  | 3777.1 | 3468.9 | 3140.8 | 2855.6 | 2569.8 | 2318.1 | 2071.3 | 1872.3 | 1677.6 | 1495.4 |
| -42.5° | 3415.9  | 3160.9 | 2920.9 | 2692.3 | 2456.7 | 2243.3 | 2032.8 | 1854.7 | 1679.6 | 1515.2 | 1365.9 |
| -45°   | 2846.3  | 2671.3 | 2482.2 | 2309.9 | 2122.9 | 1960.6 | 1802.6 | 1652.3 | 1503.1 | 1370.3 | 1237.9 |
| -47.5° | 2400.6  | 2269.3 | 2122.2 | 1986.5 | 1853.5 | 1719.1 | 1595.1 | 1464.5 | 1350.9 | 1233.3 | 1129.5 |
| -50°   | 2034.2  | 1935.0 | 1827.3 | 1718.1 | 1617.7 | 1509.2 | 1408.5 | 1309.7 | 1210.7 | 1117.2 | 1023.9 |
| -52.5° | 1728.3  | 1658.3 | 1580.1 | 1493.4 | 1412.5 | 1330.3 | 1244.6 | 1169.4 | 1087.6 | 1006.9 | 926.8  |
| -55°   | 1488.2  | 1432.1 | 1371.1 | 1304.2 | 1235.3 | 1173.2 | 1107.2 | 1041.1 | 974.1  | 901.5  | 837.1  |
| -57.5° | 1285.8  | 1239.2 | 1191.5 | 1140.4 | 1086.0 | 1033.8 | 979.9  | 922.1  | 867.0  | 809.4  | 751.1  |
| -60°   | 1109.3  | 1071.6 | 1035.2 | 995.6  | 952.8  | 906.9  | 862.6  | 816.1  | 767.6  | 719.9  | 671.1  |
| -62.5° | 949.5   | 928.5  | 894.9  | 860.3  | 826.8  | 792.9  | 752.5  | 711.8  | 672.6  | 633.0  | 592.2  |
| -65°   | 793.0   | 771.6  | 747.2  | 726.2  | 701.1  | 671.4  | 638.1  | 609.0  | 580.3  | 548.8  | 513.8  |
| -67.5° | 657.2   | 641.2  | 623.0  | 603.5  | 584.9  | 563.2  | 541.0  | 517.1  | 492.4  | 464.3  | 437.7  |
| -70°   | 548.1   | 538.0  | 525.0  | 508.6  | 491.6  | 473.3  | 454.6  | 433.6  | 409.1  | 382.4  | 361.2  |
| -72.5° | 458.9   | 452.6  | 443.0  | 428.5  | 412.1  | 394.8  | 376.7  | 356.2  | 332.6  | 305.9  | 285.8  |
| -75°   | 379.0   | 374.7  | 367.5  | 353.8  | 339.0  | 323.0  | 305.8  | 284.9  | 260.9  | 233.6  | 213.8  |
| -77.5° | 298.0   | 296.1  | 292.0  | 280.8  | 269.5  | 258.1  | 243.8  | 219.5  | 195.3  | 172.1  | 157.0  |
| -80°   | 214.4   | 214.4  | 212.3  | 204.0  | 195.3  | 186.2  | 175.3  | 156.5  | 138.4  | 121.7  | 109.8  |
| -82.5° | 135.6   | 133.3  | 130.2  | 125.7  | 121.1  | 116.5  | 111.3  | 99.5   | 88.1   | 77.2   | 68.2   |
| -85°   | 60.5    | 58.8   | 57.0   | 57.0   | 56.6   | 56.0   | 54.7   | 49.1   | 43.7   | 38.6   | 34.2   |
| -87.5° | 10.3    | 10.5   | 10.7   | 11.2   | 11.7   | 12.1   | 12.4   | 12.1   | 11.6   | 11.2   | 10.8   |
| -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: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°  | 12.0   | 13.0   | 13.9   | 14.5   | 15.0   | 15.2   | 15.2  | 15.0  | 14.4  | 13.5  | 12.5  |
| 85°    | 35.7   | 36.5   | 36.3   | 35.2   | 32.9   | 30.4   | 30.4  | 29.9  | 28.7  | 27.1  | 25.1  |
| 82.5°  | 70.9   | 73.1   | 74.3   | 73.8   | 69.3   | 64.4   | 59.3  | 53.9  | 48.1  | 41.5  | 37.6  |
| 80°    | 113.9  | 116.4  | 117.2  | 115.3  | 107.2  | 98.4   | 90.9  | 83.1  | 75.4  | 66.7  | 57.1  |
| 77.5°  | 160.3  | 162.2  | 162.6  | 159.6  | 149.3  | 138.1  | 126.1 | 113.5 | 102.7 | 92.0  | 79.9  |
| 75°    | 210.2  | 210.8  | 210.4  | 204.9  | 192.3  | 177.8  | 163.3 | 147.6 | 131.9 | 117.2 | 102.8 |
| 72.5°  | 275.0  | 266.2  | 259.5  | 250.8  | 236.8  | 220.6  | 202.0 | 181.1 | 161.2 | 142.5 | 125.2 |
| 70°    | 342.8  | 324.1  | 309.6  | 296.2  | 280.7  | 263.6  | 243.0 | 216.7 | 190.1 | 167.4 | 146.3 |
| 67.5°  | 413.5  | 390.3  | 367.0  | 342.7  | 323.6  | 304.3  | 283.4 | 251.9 | 220.0 | 191.8 | 167.0 |
| 65°    | 482.4  | 453.8  | 427.4  | 395.7  | 368.1  | 344.4  | 320.9 | 285.2 | 248.7 | 215.9 | 187.3 |
| 62.5°  | 551.8  | 513.4  | 480.3  | 446.1  | 412.7  | 383.4  | 356.8 | 316.2 | 276.3 | 239.1 | 206.5 |
| 60°    | 623.1  | 578.1  | 533.1  | 493.6  | 455.8  | 420.3  | 387.2 | 346.2 | 303.0 | 261.1 | 224.7 |
| 57.5°  | 697.0  | 643.0  | 591.5  | 542.2  | 498.2  | 457.3  | 416.3 | 373.9 | 328.8 | 283.4 | 241.1 |
| 55°    | 771.6  | 710.6  | 650.1  | 593.6  | 541.5  | 494.9  | 446.6 | 400.3 | 353.5 | 305.2 | 254.1 |
| 52.5°  | 851.6  | 780.1  | 711.9  | 645.9  | 586.3  | 531.5  | 479.0 | 426.2 | 377.0 | 326.1 | 268.3 |
| 50°    | 936.3  | 853.7  | 775.8  | 702.1  | 630.7  | 569.8  | 510.5 | 454.6 | 400.0 | 346.3 | 281.7 |
| 47.5°  | 1025.4 | 931.9  | 843.2  | 758.7  | 681.2  | 606.8  | 543.5 | 482.5 | 422.4 | 366.2 | 293.8 |
| 45°    | 1123.5 | 1012.2 | 912.4  | 819.6  | 729.6  | 648.8  | 576.1 | 509.4 | 446.5 | 380.5 | 304.8 |
| 42.5°  | 1222.0 | 1098.9 | 984.2  | 878.6  | 782.4  | 691.2  | 607.3 | 537.4 | 469.8 | 393.6 | 315.5 |
| 40°    | 1335.7 | 1187.6 | 1056.4 | 942.0  | 834.4  | 731.7  | 643.3 | 564.4 | 491.5 | 406.6 | 325.9 |
| 37.5°  | 1446.5 | 1283.0 | 1135.3 | 1002.4 | 885.7  | 777.4  | 678.1 | 590.0 | 508.6 | 420.8 | 335.3 |
| 35°    | 1577.1 | 1381.5 | 1210.3 | 1066.4 | 938.6  | 820.9  | 710.8 | 616.2 | 527.4 | 434.4 | 343.7 |
| 32.5°  | 1703.9 | 1481.8 | 1294.8 | 1132.0 | 988.5  | 862.1  | 745.4 | 643.0 | 546.5 | 447.3 | 351.0 |
| 30°    | 1843.3 | 1590.8 | 1374.5 | 1193.3 | 1038.1 | 904.5  | 780.4 | 668.2 | 565.8 | 459.6 | 358.1 |
| 27.5°  | 1977.1 | 1691.4 | 1451.9 | 1258.3 | 1090.4 | 944.1  | 812.7 | 691.9 | 585.1 | 472.3 | 367.0 |
| 25°    | 2109.8 | 1800.0 | 1537.3 | 1320.2 | 1138.6 | 980.2  | 842.4 | 714.0 | 604.0 | 486.6 | 375.0 |
| 22.5°  | 2253.8 | 1905.1 | 1614.3 | 1375.8 | 1182.1 | 1013.1 | 870.7 | 738.2 | 621.4 | 500.2 | 381.9 |
| 20°    | 2386.2 | 2000.0 | 1683.0 | 1429.1 | 1225.3 | 1048.7 | 897.3 | 759.8 | 637.1 | 513.0 | 387.8 |
| 17.5°  | 2511.0 | 2096.5 | 1759.7 | 1486.7 | 1266.2 | 1080.0 | 920.6 | 778.8 | 650.9 | 524.8 | 392.6 |
| 15°    | 2642.1 | 2192.3 | 1828.8 | 1536.5 | 1301.5 | 1107.0 | 940.7 | 795.2 | 662.8 | 535.4 | 397.1 |
| 12.5°  | 2753.9 | 2273.3 | 1886.8 | 1578.5 | 1331.3 | 1129.7 | 957.4 | 808.8 | 672.7 | 544.4 | 401.2 |
| 10°    | 2846.1 | 2339.1 | 1933.5 | 1612.4 | 1355.2 | 1147.8 | 970.7 | 819.8 | 681.0 | 551.4 | 403.4 |
| 7.5°   | 2917.9 | 2389.4 | 1968.9 | 1638.0 | 1373.5 | 1162.0 | 981.8 | 828.4 | 687.4 | 556.4 | 403.9 |
| 5°     | 2968.1 | 2424.4 | 1994.9 | 1656.0 | 1387.5 | 1172.2 | 989.7 | 834.1 | 691.7 | 559.0 | 402.8 |
| 2.5°   | 2994.5 | 2444.3 | 2010.8 | 1665.6 | 1395.4 | 1177.7 | 994.1 | 836.9 | 693.9 | 559.4 | 400.0 |
| 0°     | 2998.6 | 2448.0 | 2015.3 | 1666.8 | 1397.4 | 1178.6 | 995.0 | 836.8 | 693.7 | 557.3 | 395.7 |
| -2.5°  | 2994.5 | 2444.3 | 2010.8 | 1665.6 | 1395.4 | 1177.7 | 994.1 | 836.9 | 693.9 | 559.4 | 400.0 |
| -5°    | 2968.1 | 2424.4 | 1994.9 | 1656.0 | 1387.5 | 1172.2 | 989.7 | 834.1 | 691.7 | 559.0 | 402.8 |
| -7.5°  | 2917.9 | 2389.4 | 1968.9 | 1638.0 | 1373.5 | 1162.0 | 981.8 | 828.4 | 687.4 | 556.4 | 403.9 |
| -10°   | 2846.1 | 2339.1 | 1933.5 | 1612.4 | 1355.2 | 1147.8 | 970.7 | 819.8 | 681.0 | 551.4 | 403.4 |
| -12.5° | 2753.9 | 2273.3 | 1886.8 | 1578.5 | 1331.3 | 1129.7 | 957.4 | 808.8 | 672.7 | 544.4 | 401.2 |
| -15°   | 2642.1 | 2192.3 | 1828.8 | 1536.5 | 1301.5 | 1107.0 | 940.7 | 795.2 | 662.8 | 535.4 | 397.1 |
| -17.5° | 2511.0 | 2096.5 | 1759.7 | 1486.7 | 1266.2 | 1080.0 | 920.6 | 778.8 | 650.9 | 524.8 | 392.6 |
| -20°   | 2386.2 | 2000.0 | 1683.0 | 1429.1 | 1225.3 | 1048.7 | 897.3 | 759.8 | 637.1 | 513.0 | 387.8 |



REPORT NUMBER: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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° | 2253.8 | 1905.1 | 1614.3 | 1375.8 | 1182.1 | 1013.1 | 870.7 | 738.2 | 621.4 | 500.2 | 381.9 |
| -25°   | 2109.8 | 1800.0 | 1537.3 | 1320.2 | 1138.6 | 980.2  | 842.4 | 714.0 | 604.0 | 486.6 | 375.0 |
| -27.5° | 1977.1 | 1691.4 | 1451.9 | 1258.3 | 1090.4 | 944.1  | 812.7 | 691.9 | 585.1 | 472.3 | 367.0 |
| -30°   | 1843.3 | 1590.8 | 1374.5 | 1193.3 | 1038.1 | 904.5  | 780.4 | 668.2 | 565.8 | 459.6 | 358.1 |
| -32.5° | 1703.9 | 1481.8 | 1294.8 | 1132.0 | 988.5  | 862.1  | 745.4 | 643.0 | 546.5 | 447.3 | 351.0 |
| -35°   | 1577.1 | 1381.5 | 1210.3 | 1066.4 | 938.6  | 820.9  | 710.8 | 616.2 | 527.4 | 434.4 | 343.7 |
| -37.5° | 1446.5 | 1283.0 | 1135.3 | 1002.4 | 885.7  | 777.4  | 678.1 | 590.0 | 508.6 | 420.8 | 335.3 |
| -40°   | 1335.7 | 1187.6 | 1056.4 | 942.0  | 834.4  | 731.7  | 643.3 | 564.4 | 491.5 | 406.6 | 325.9 |
| -42.5° | 1222.0 | 1098.9 | 984.2  | 878.6  | 782.4  | 691.2  | 607.3 | 537.4 | 469.8 | 393.6 | 315.5 |
| -45°   | 1123.5 | 1012.2 | 912.4  | 819.6  | 729.6  | 648.8  | 576.1 | 509.4 | 446.5 | 380.5 | 304.8 |
| -47.5° | 1025.4 | 931.9  | 843.2  | 758.7  | 681.2  | 606.8  | 543.5 | 482.5 | 422.4 | 366.2 | 293.8 |
| -50°   | 936.3  | 853.7  | 775.8  | 702.1  | 630.7  | 569.8  | 510.5 | 454.6 | 400.0 | 346.3 | 281.7 |
| -52.5° | 851.6  | 780.1  | 711.9  | 645.9  | 586.3  | 531.5  | 479.0 | 426.2 | 377.0 | 326.1 | 268.3 |
| -55°   | 771.6  | 710.6  | 650.1  | 593.6  | 541.5  | 494.9  | 446.6 | 400.3 | 353.5 | 305.2 | 254.1 |
| -57.5° | 697.0  | 643.0  | 591.5  | 542.2  | 498.2  | 457.3  | 416.3 | 373.9 | 328.8 | 283.4 | 241.1 |
| -60°   | 623.1  | 578.1  | 533.1  | 493.6  | 455.8  | 420.3  | 387.2 | 346.2 | 303.0 | 261.1 | 224.7 |
| -62.5° | 551.8  | 513.4  | 480.3  | 446.1  | 412.7  | 383.4  | 356.8 | 316.2 | 276.3 | 239.1 | 206.5 |
| -65°   | 482.4  | 453.8  | 427.4  | 395.7  | 368.1  | 344.4  | 320.9 | 285.2 | 248.7 | 215.9 | 187.3 |
| -67.5° | 413.5  | 390.3  | 367.0  | 342.7  | 323.6  | 304.3  | 283.4 | 251.9 | 220.0 | 191.8 | 167.0 |
| -70°   | 342.8  | 324.1  | 309.6  | 296.2  | 280.7  | 263.6  | 243.0 | 216.7 | 190.1 | 167.4 | 146.3 |
| -72.5° | 275.0  | 266.2  | 259.5  | 250.8  | 236.8  | 220.6  | 202.0 | 181.1 | 161.2 | 142.5 | 125.2 |
| -75°   | 210.2  | 210.8  | 210.4  | 204.9  | 192.3  | 177.8  | 163.3 | 147.6 | 131.9 | 117.2 | 102.8 |
| -77.5° | 160.3  | 162.2  | 162.6  | 159.6  | 149.3  | 138.1  | 126.1 | 113.5 | 102.7 | 92.0  | 79.9  |
| -80°   | 113.9  | 116.4  | 117.2  | 115.3  | 107.2  | 98.4   | 90.9  | 83.1  | 75.4  | 66.7  | 57.1  |
| -82.5° | 70.9   | 73.1   | 74.3   | 73.8   | 69.3   | 64.4   | 59.3  | 53.9  | 48.1  | 41.5  | 37.6  |
| -85°   | 35.7   | 36.5   | 36.3   | 35.2   | 32.9   | 30.4   | 30.4  | 29.9  | 28.7  | 27.1  | 25.1  |
| -87.5° | 12.0   | 13.0   | 13.9   | 14.5   | 15.0   | 15.2   | 15.2  | 15.0  | 14.4  | 13.5  | 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   |

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

Scaled Data Report



REPORT NUMBER: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°  | 11.3  | 8.8   | 6.6   | 4.6   | 2.8  | 1.2   | 0.0 |
| 85°    | 22.6  | 17.6  | 13.1  | 9.1   | 5.6  | 2.4   | 0.0 |
| 82.5°  | 33.8  | 26.4  | 19.6  | 13.6  | 8.3  | 3.6   | 0.0 |
| 80°    | 45.9  | 35.0  | 26.1  | 18.1  | 11.1 | 4.8   | 0.0 |
| 77.5°  | 65.5  | 45.5  | 32.4  | 22.5  | 13.7 | 6.0   | 0.0 |
| 75°    | 84.6  | 59.5  | 39.3  | 26.8  | 16.4 | 7.2   | 0.0 |
| 72.5°  | 103.0 | 73.1  | 48.6  | 31.1  | 19.0 | 8.3   | 0.0 |
| 70°    | 120.5 | 86.1  | 57.7  | 35.5  | 21.5 | 9.4   | 0.0 |
| 67.5°  | 135.7 | 98.5  | 66.3  | 41.0  | 24.0 | 10.5  | 0.0 |
| 65°    | 150.2 | 110.0 | 74.5  | 46.3  | 26.4 | 11.6  | 0.0 |
| 62.5°  | 163.8 | 120.4 | 82.3  | 51.3  | 28.7 | 12.6  | 0.0 |
| 60°    | 176.6 | 130.2 | 89.5  | 56.0  | 30.8 | 13.6  | 0.0 |
| 57.5°  | 188.2 | 139.4 | 96.3  | 60.4  | 33.5 | 14.6  | 0.0 |
| 55°    | 198.8 | 147.8 | 102.5 | 64.5  | 36.1 | 15.5  | 0.0 |
| 52.5°  | 208.6 | 155.5 | 108.3 | 68.2  | 38.6 | 16.4  | 0.0 |
| 50°    | 217.4 | 162.6 | 113.5 | 71.5  | 40.9 | 17.2  | 0.0 |
| 47.5°  | 225.7 | 169.0 | 118.2 | 74.6  | 43.2 | 18.0  | 0.0 |
| 45°    | 234.9 | 174.7 | 122.3 | 77.6  | 45.3 | 18.8  | 0.0 |
| 42.5°  | 243.1 | 179.6 | 125.9 | 80.3  | 47.4 | 19.5  | 0.0 |
| 40°    | 250.4 | 183.7 | 129.1 | 83.3  | 49.2 | 20.1  | 0.0 |
| 37.5°  | 256.5 | 187.1 | 131.9 | 86.3  | 51.0 | 20.7  | 0.0 |
| 35°    | 261.7 | 190.9 | 134.3 | 89.0  | 52.6 | 21.3  | 0.0 |
| 32.5°  | 266.4 | 194.6 | 136.0 | 91.6  | 54.1 | 21.8  | 0.0 |
| 30°    | 271.6 | 197.4 | 137.3 | 93.8  | 55.5 | 22.3  | 0.0 |
| 27.5°  | 275.9 | 199.4 | 140.2 | 95.8  | 56.7 | 22.7  | 0.0 |
| 25°    | 279.2 | 200.6 | 143.0 | 97.6  | 57.8 | 23.0  | 0.0 |
| 22.5°  | 281.6 | 202.2 | 145.5 | 99.1  | 58.7 | 23.3  | 0.0 |
| 20°    | 283.0 | 205.8 | 147.6 | 100.3 | 59.5 | 23.5  | 0.0 |
| 17.5°  | 286.1 | 208.9 | 149.4 | 101.3 | 60.2 | 23.7  | 0.0 |
| 15°    | 289.9 | 211.2 | 150.8 | 102.0 | 60.7 | 23.8  | 0.0 |
| 12.5°  | 292.7 | 212.9 | 151.9 | 102.4 | 61.0 | 23.9  | 0.0 |
| 10°    | 294.4 | 214.0 | 152.6 | 102.6 | 61.2 | 24.0  | 0.0 |
| 7.5°   | 295.1 | 214.5 | 152.9 | 102.6 | 61.3 | 23.9  | 0.0 |
| 5°     | 294.8 | 214.3 | 152.8 | 102.3 | 61.2 | 23.9  | 0.0 |
| 2.5°   | 293.5 | 213.5 | 152.3 | 101.8 | 61.0 | 23.8  | 0.0 |
| 0°     | 291.3 | 212.1 | 151.5 | 101.0 | 60.6 | 23.6  | 0.0 |
| -2.5°  | 293.5 | 213.5 | 152.3 | 101.8 | 61.0 | 23.8  | 0.0 |
| -5°    | 294.8 | 214.3 | 152.8 | 102.3 | 61.2 | 23.9  | 0.0 |
| -7.5°  | 295.1 | 214.5 | 152.9 | 102.6 | 61.3 | 23.9  | 0.0 |
| -10°   | 294.4 | 214.0 | 152.6 | 102.6 | 61.2 | 24.0  | 0.0 |
| -12.5° | 292.7 | 212.9 | 151.9 | 102.4 | 61.0 | 23.9  | 0.0 |
| -15°   | 289.9 | 211.2 | 150.8 | 102.0 | 60.7 | 23.8  | 0.0 |
| -17.5° | 286.1 | 208.9 | 149.4 | 101.3 | 60.2 | 23.7  | 0.0 |
| -20°   | 283.0 | 205.8 | 147.6 | 100.3 | 59.5 | 23.5  | 0.0 |

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Scaled Data Report



REPORT NUMBER: P627583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°   | 77.5° | 80°   | 82.5° | 85°  | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| -22.5° | 281.6 | 202.2 | 145.5 | 99.1  | 58.7 | 23.3  | 0.0 |
| -25°   | 279.2 | 200.6 | 143.0 | 97.6  | 57.8 | 23.0  | 0.0 |
| -27.5° | 275.9 | 199.4 | 140.2 | 95.8  | 56.7 | 22.7  | 0.0 |
| -30°   | 271.6 | 197.4 | 137.3 | 93.8  | 55.5 | 22.3  | 0.0 |
| -32.5° | 266.4 | 194.6 | 136.0 | 91.6  | 54.1 | 21.8  | 0.0 |
| -35°   | 261.7 | 190.9 | 134.3 | 89.0  | 52.6 | 21.3  | 0.0 |
| -37.5° | 256.5 | 187.1 | 131.9 | 86.3  | 51.0 | 20.7  | 0.0 |
| -40°   | 250.4 | 183.7 | 129.1 | 83.3  | 49.2 | 20.1  | 0.0 |
| -42.5° | 243.1 | 179.6 | 125.9 | 80.3  | 47.4 | 19.5  | 0.0 |
| -45°   | 234.9 | 174.7 | 122.3 | 77.6  | 45.3 | 18.8  | 0.0 |
| -47.5° | 225.7 | 169.0 | 118.2 | 74.6  | 43.2 | 18.0  | 0.0 |
| -50°   | 217.4 | 162.6 | 113.5 | 71.5  | 40.9 | 17.2  | 0.0 |
| -52.5° | 208.6 | 155.5 | 108.3 | 68.2  | 38.6 | 16.4  | 0.0 |
| -55°   | 198.8 | 147.8 | 102.5 | 64.5  | 36.1 | 15.5  | 0.0 |
| -57.5° | 188.2 | 139.4 | 96.3  | 60.4  | 33.5 | 14.6  | 0.0 |
| -60°   | 176.6 | 130.2 | 89.5  | 56.0  | 30.8 | 13.6  | 0.0 |
| -62.5° | 163.8 | 120.4 | 82.3  | 51.3  | 28.7 | 12.6  | 0.0 |
| -65°   | 150.2 | 110.0 | 74.5  | 46.3  | 26.4 | 11.6  | 0.0 |
| -67.5° | 135.7 | 98.5  | 66.3  | 41.0  | 24.0 | 10.5  | 0.0 |
| -70°   | 120.5 | 86.1  | 57.7  | 35.5  | 21.5 | 9.4   | 0.0 |
| -72.5° | 103.0 | 73.1  | 48.6  | 31.1  | 19.0 | 8.3   | 0.0 |
| -75°   | 84.6  | 59.5  | 39.3  | 26.8  | 16.4 | 7.2   | 0.0 |
| -77.5° | 65.5  | 45.5  | 32.4  | 22.5  | 13.7 | 6.0   | 0.0 |
| -80°   | 45.9  | 35.0  | 26.1  | 18.1  | 11.1 | 4.8   | 0.0 |
| -82.5° | 33.8  | 26.4  | 19.6  | 13.6  | 8.3  | 3.6   | 0.0 |
| -85°   | 22.6  | 17.6  | 13.1  | 9.1   | 5.6  | 2.4   | 0.0 |
| -87.5° | 11.3  | 8.8   | 6.6   | 4.6   | 2.8  | 1.2   | 0.0 |
| -90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0 |

(END OF REPORT)