

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: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-735-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626561 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-735-U-VWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N22  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

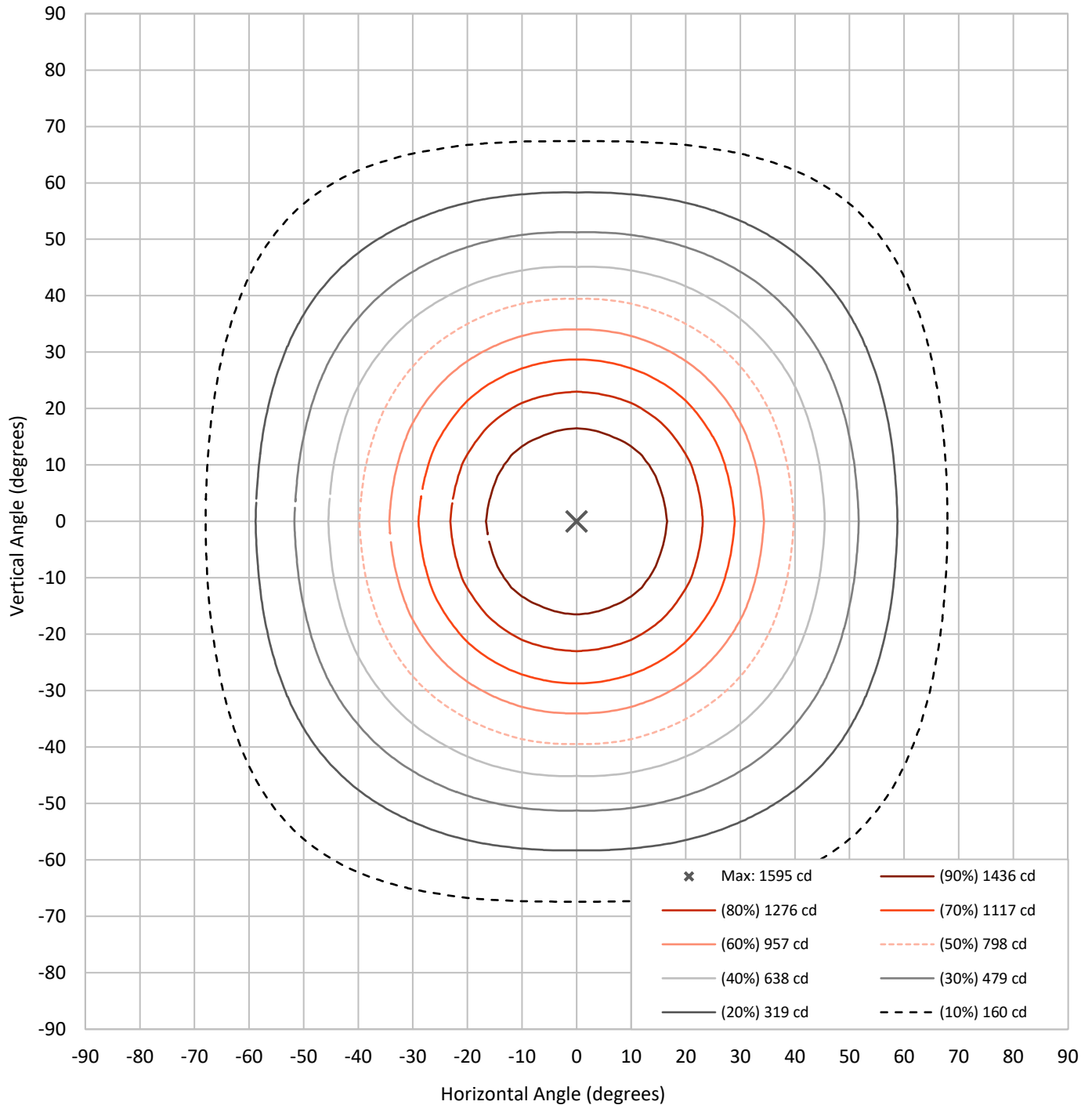
**Summary**

|                                   |  |                      |                   |
|-----------------------------------|--|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                    | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 2882.8 lumens                          | Max Intensity:       | 1595 candela      |
| Efficiency:                       | N/A                                    | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 159.3 lumens/watt                      |                      |                   |
| Luminous Opening:                 | Rectangular (W 0.5' 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:                      | 1690.8 lumens                          | Field Lumens:        | 2748.3 lumens     |
| Beam Efficiency:                  | 58.7%                                  | Field Efficiency:    | 95.3%             |
| Input Watts (W):                  | 18.1                                   |                      |                   |
| 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





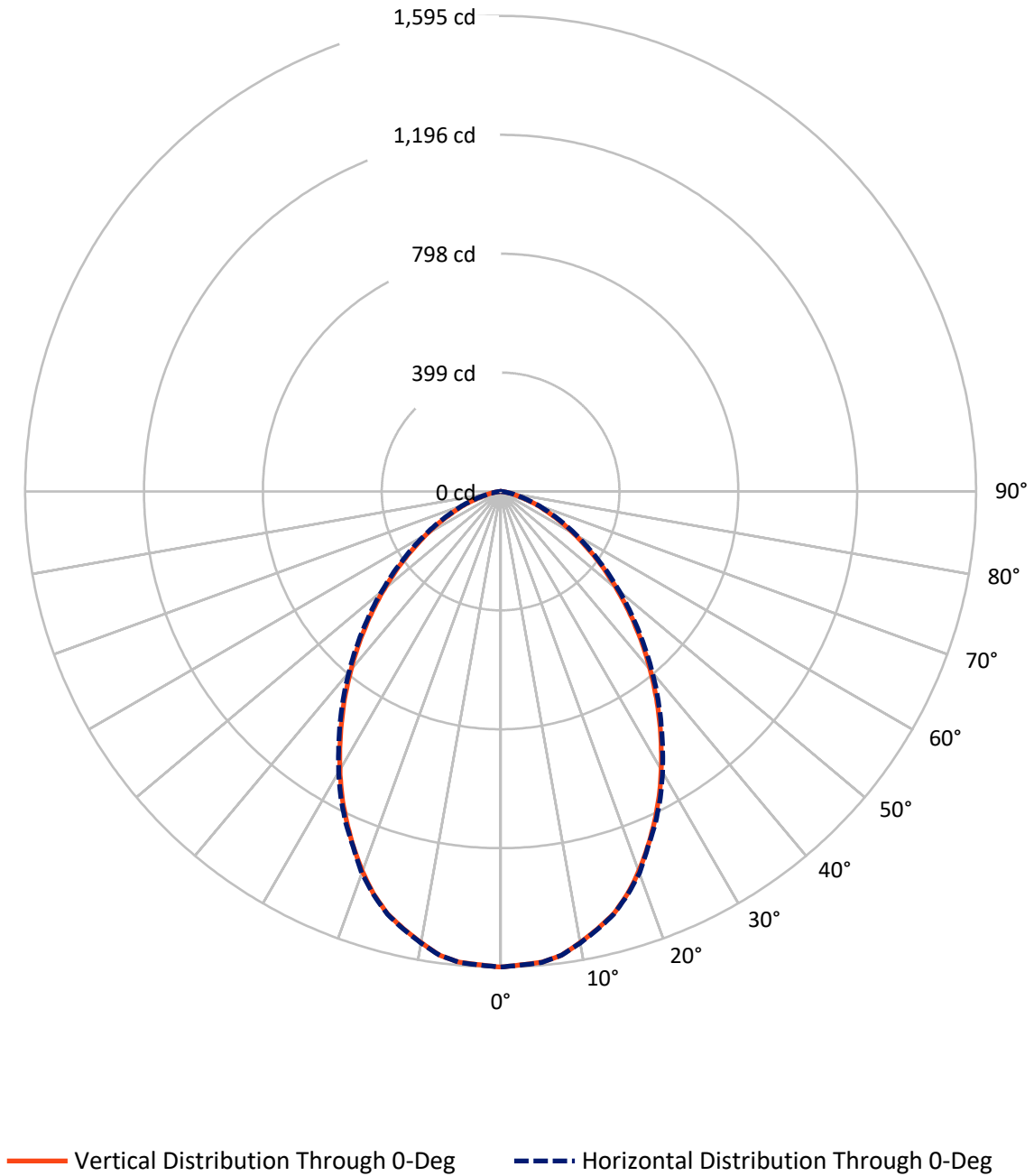
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### Lumen Table

|     |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
|-----|-----|--|-----|-----|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|--|
| 90  |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| 80  | 0.1 |  | 1.2 |     | 3.2  |      | 5.5  |      | 5.1  |      | 5.5  |      | 3.2  |      | 1.2 |     | 0.1 |     |  |
| 70  |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| 60  | 0.5 |  | 0.7 | 1.5 | 2.5  | 3.7  | 4.8  | 5.6  | 6.0  | 6.0  | 5.6  | 4.8  | 3.7  | 2.5  | 1.5 | 0.7 |     | 0.5 |  |
| 50  |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| 40  | 0.9 |  | 1.1 | 2.4 | 4.3  | 6.5  | 8.9  | 10.8 | 11.8 | 11.8 | 10.8 | 8.9  | 6.5  | 4.3  | 2.4 | 1.1 |     | 0.9 |  |
| 30  |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| 20  | 1.2 |  | 1.5 | 3.5 | 6.5  | 10.3 | 14.2 | 17.5 | 19.3 | 19.3 | 17.5 | 14.2 | 10.3 | 6.5  | 3.5 | 1.5 |     | 1.2 |  |
| 10  |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| 0   | 1.3 |  | 1.9 | 4.6 | 8.9  | 14.4 | 20.1 | 25.1 | 27.9 | 27.9 | 25.1 | 20.1 | 14.4 | 8.9  | 4.6 | 1.9 |     | 1.3 |  |
| -10 |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| -20 | 1.2 |  | 2.3 | 5.7 | 11.2 | 18.3 | 25.9 | 32.6 | 36.5 | 36.5 | 32.6 | 25.9 | 18.3 | 11.2 | 5.7 | 2.3 |     | 1.2 |  |
| -30 |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| -40 | 0.9 |  | 2.5 | 6.5 | 12.9 | 21.3 | 30.7 | 38.9 | 43.6 | 43.6 | 38.9 | 30.7 | 21.3 | 12.9 | 6.5 | 2.5 |     | 0.9 |  |
| -50 |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| -60 | 0.5 |  | 2.7 | 7.0 | 13.9 | 23.0 | 33.3 | 42.3 | 47.2 | 47.2 | 42.3 | 33.3 | 23.0 | 13.9 | 7.0 | 2.7 |     | 0.5 |  |
| -70 |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |
| -80 | 0.1 |  | 2.7 | 7.0 | 13.9 | 23.0 | 33.3 | 42.3 | 47.2 | 47.2 | 42.3 | 33.3 | 23.0 | 13.9 | 7.0 | 2.7 |     | 0.1 |  |
| -90 |     |  |     |     |      |      |      |      |      |      |      |      |      |      |     |     |     |     |  |

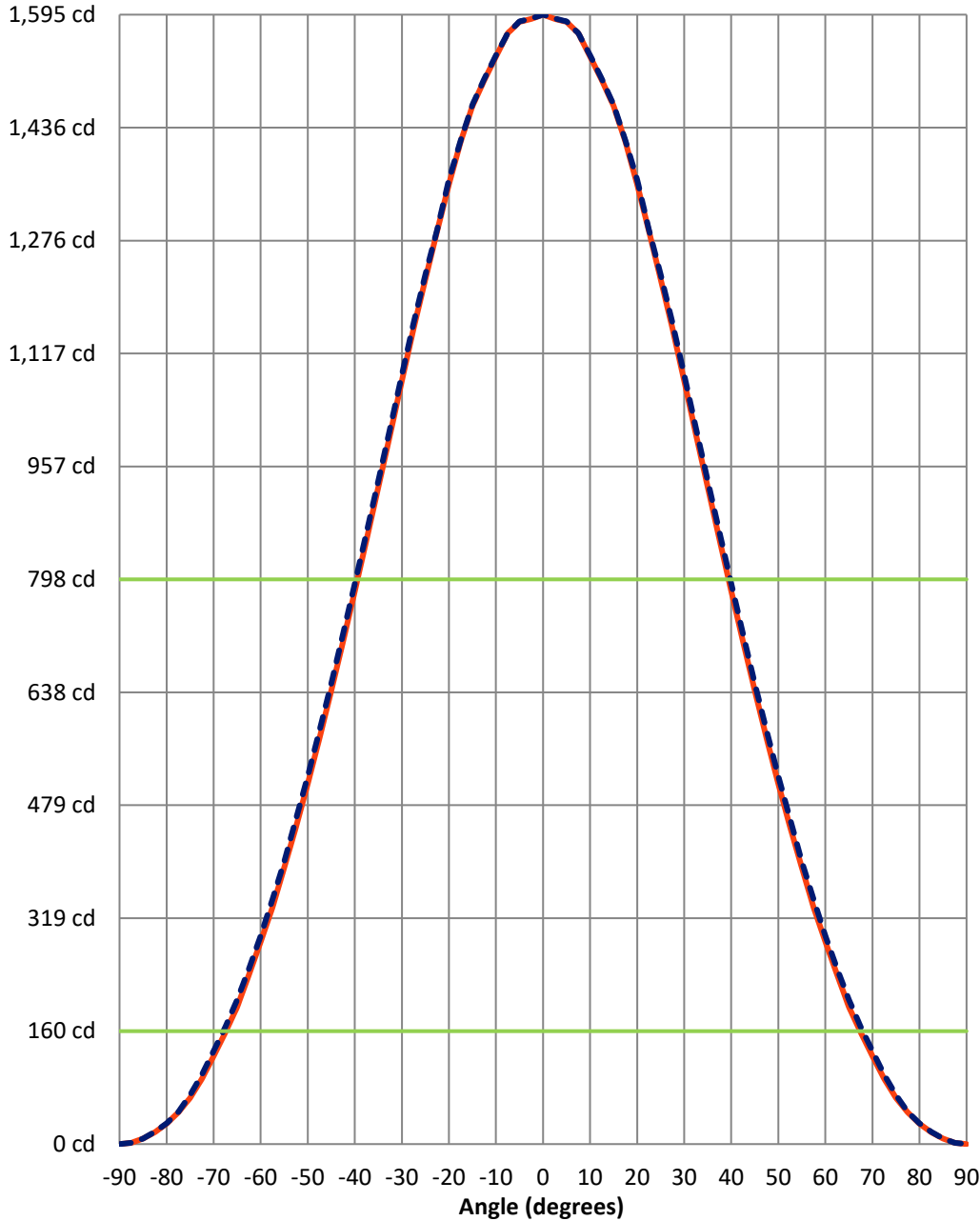
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 1690.8  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 2748.3  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 134.5  
 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  | 0.1    | 0.2  | 0.3    | 0.4  | 0.5    | 0.6  | 0.7    | 0.8   | 0.9    | 1.0   |
| 85°    | 0.0  | 0.2    | 0.4  | 0.6    | 0.8  | 1.0    | 1.2  | 1.4    | 1.6   | 1.8    | 2.0   |
| 82.5°  | 0.0  | 0.3    | 0.6  | 0.9    | 1.2  | 1.6    | 1.9  | 2.2    | 2.7   | 4.2    | 5.7   |
| 80°    | 0.0  | 0.4    | 0.8  | 1.2    | 1.7  | 2.1    | 2.8  | 5.0    | 7.0   | 9.0    | 11.0  |
| 77.5°  | 0.0  | 0.5    | 1.0  | 1.6    | 2.1  | 3.2    | 6.1  | 8.8    | 11.4  | 13.8   | 16.9  |
| 75°    | 0.0  | 0.5    | 1.2  | 1.9    | 2.7  | 5.6    | 9.3  | 12.6   | 15.8  | 20.2   | 25.0  |
| 72.5°  | 0.0  | 0.6    | 1.4  | 2.2    | 4.3  | 7.9    | 12.4 | 16.7   | 21.8  | 27.2   | 32.9  |
| 70°    | 0.0  | 0.7    | 1.6  | 2.6    | 5.8  | 10.1   | 15.4 | 21.6   | 27.6  | 34.0   | 41.4  |
| 67.5°  | 0.0  | 0.8    | 1.8  | 3.5    | 7.3  | 12.2   | 19.2 | 26.5   | 33.3  | 41.3   | 49.8  |
| 65°    | 0.0  | 0.9    | 2.0  | 4.5    | 8.7  | 14.6   | 22.8 | 31.2   | 39.5  | 48.5   | 57.7  |
| 62.5°  | 0.0  | 1.0    | 2.2  | 5.3    | 10.1 | 17.2   | 26.2 | 36.1   | 45.4  | 55.3   | 64.8  |
| 60°    | 0.0  | 1.0    | 2.3  | 6.2    | 11.3 | 19.6   | 29.3 | 40.9   | 51.1  | 61.7   | 71.7  |
| 57.5°  | 0.0  | 1.1    | 2.8  | 6.9    | 13.0 | 21.9   | 32.7 | 45.4   | 56.7  | 67.9   | 78.4  |
| 55°    | 0.0  | 1.2    | 3.2  | 7.7    | 14.6 | 24.1   | 35.9 | 49.3   | 62.3  | 74.0   | 84.7  |
| 52.5°  | 0.0  | 1.2    | 3.7  | 8.3    | 16.1 | 26.1   | 38.8 | 53.4   | 67.7  | 79.6   | 90.9  |
| 50°    | 0.0  | 1.3    | 4.1  | 9.0    | 17.5 | 28.3   | 41.5 | 57.2   | 72.8  | 85.0   | 98.0  |
| 47.5°  | 0.0  | 1.4    | 4.5  | 9.6    | 18.7 | 30.2   | 44.0 | 60.8   | 77.5  | 90.3   | 105.0 |
| 45°    | 0.0  | 1.4    | 4.9  | 10.4   | 19.8 | 32.0   | 46.8 | 64.1   | 81.1  | 96.2   | 111.6 |
| 42.5°  | 0.0  | 1.5    | 5.2  | 11.2   | 20.8 | 33.6   | 49.4 | 67.2   | 84.6  | 101.9  | 119.4 |
| 40°    | 0.0  | 1.5    | 5.6  | 11.9   | 21.8 | 35.0   | 51.8 | 70.0   | 88.2  | 107.2  | 127.0 |
| 37.5°  | 0.0  | 1.6    | 5.9  | 12.7   | 22.8 | 36.2   | 53.8 | 72.8   | 92.3  | 112.2  | 134.2 |
| 35°    | 0.0  | 1.6    | 6.2  | 13.4   | 23.7 | 37.6   | 55.7 | 75.4   | 96.2  | 118.0  | 141.4 |
| 32.5°  | 0.0  | 1.7    | 6.5  | 14.0   | 24.4 | 38.9   | 57.4 | 77.8   | 100.0 | 123.6  | 149.0 |
| 30°    | 0.0  | 1.7    | 6.7  | 14.6   | 25.0 | 40.1   | 59.2 | 80.2   | 103.7 | 129.0  | 156.1 |
| 27.5°  | 0.0  | 1.7    | 6.9  | 15.2   | 25.8 | 41.1   | 60.8 | 83.0   | 107.5 | 134.0  | 162.7 |
| 25°    | 0.0  | 1.7    | 7.1  | 15.7   | 26.6 | 41.8   | 62.2 | 85.6   | 111.5 | 139.2  | 168.9 |
| 22.5°  | 0.0  | 1.8    | 7.3  | 16.1   | 27.3 | 42.6   | 63.4 | 87.9   | 115.1 | 144.1  | 175.4 |
| 20°    | 0.0  | 1.8    | 7.5  | 16.4   | 27.9 | 43.6   | 64.4 | 90.1   | 118.5 | 148.4  | 181.2 |
| 17.5°  | 0.0  | 1.8    | 7.6  | 16.8   | 28.4 | 44.5   | 65.6 | 91.9   | 121.4 | 152.3  | 186.4 |
| 15°    | 0.0  | 1.8    | 7.7  | 17.0   | 28.9 | 45.2   | 66.9 | 93.7   | 124.0 | 155.5  | 190.8 |
| 12.5°  | 0.0  | 1.8    | 7.8  | 17.2   | 29.2 | 45.7   | 67.9 | 95.4   | 126.3 | 158.3  | 194.5 |
| 10°    | 0.0  | 1.8    | 7.8  | 17.3   | 29.4 | 45.9   | 68.7 | 96.7   | 128.3 | 160.8  | 197.7 |
| 7.5°   | 0.0  | 1.8    | 7.9  | 17.4   | 29.5 | 46.1   | 69.3 | 97.6   | 129.8 | 162.9  | 200.4 |
| 5°     | 0.0  | 1.8    | 7.9  | 17.4   | 29.5 | 46.0   | 69.6 | 98.2   | 130.9 | 164.4  | 202.3 |
| 2.5°   | 0.0  | 1.8    | 7.8  | 17.4   | 29.5 | 45.8   | 69.6 | 98.3   | 131.5 | 165.3  | 203.5 |
| 0°     | 0.0  | 1.8    | 7.8  | 17.3   | 29.3 | 45.4   | 69.3 | 98.0   | 131.5 | 165.6  | 203.9 |
| -2.5°  | 0.0  | 1.8    | 7.8  | 17.4   | 29.5 | 45.8   | 69.6 | 98.3   | 131.5 | 165.3  | 203.5 |
| -5°    | 0.0  | 1.8    | 7.9  | 17.4   | 29.5 | 46.0   | 69.6 | 98.2   | 130.9 | 164.4  | 202.3 |
| -7.5°  | 0.0  | 1.8    | 7.9  | 17.4   | 29.5 | 46.1   | 69.3 | 97.6   | 129.8 | 162.9  | 200.4 |
| -10°   | 0.0  | 1.8    | 7.8  | 17.3   | 29.4 | 45.9   | 68.7 | 96.7   | 128.3 | 160.8  | 197.7 |
| -12.5° | 0.0  | 1.8    | 7.8  | 17.2   | 29.2 | 45.7   | 67.9 | 95.4   | 126.3 | 158.3  | 194.5 |
| -15°   | 0.0  | 1.8    | 7.7  | 17.0   | 28.9 | 45.2   | 66.9 | 93.7   | 124.0 | 155.5  | 190.8 |
| -17.5° | 0.0  | 1.8    | 7.6  | 16.8   | 28.4 | 44.5   | 65.6 | 91.9   | 121.4 | 152.3  | 186.4 |
| -20°   | 0.0  | 1.8    | 7.5  | 16.4   | 27.9 | 43.6   | 64.4 | 90.1   | 118.5 | 148.4  | 181.2 |

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Scaled Data Report



REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 0.0  | 1.8    | 7.3  | 16.1   | 27.3 | 42.6   | 63.4 | 87.9   | 115.1 | 144.1  | 175.4 |
| -25°   | 0.0  | 1.7    | 7.1  | 15.7   | 26.6 | 41.8   | 62.2 | 85.6   | 111.5 | 139.2  | 168.9 |
| -27.5° | 0.0  | 1.7    | 6.9  | 15.2   | 25.8 | 41.1   | 60.8 | 83.0   | 107.5 | 134.0  | 162.7 |
| -30°   | 0.0  | 1.7    | 6.7  | 14.6   | 25.0 | 40.1   | 59.2 | 80.2   | 103.7 | 129.0  | 156.1 |
| -32.5° | 0.0  | 1.7    | 6.5  | 14.0   | 24.4 | 38.9   | 57.4 | 77.8   | 100.0 | 123.6  | 149.0 |
| -35°   | 0.0  | 1.6    | 6.2  | 13.4   | 23.7 | 37.6   | 55.7 | 75.4   | 96.2  | 118.0  | 141.4 |
| -37.5° | 0.0  | 1.6    | 5.9  | 12.7   | 22.8 | 36.2   | 53.8 | 72.8   | 92.3  | 112.2  | 134.2 |
| -40°   | 0.0  | 1.5    | 5.6  | 11.9   | 21.8 | 35.0   | 51.8 | 70.0   | 88.2  | 107.2  | 127.0 |
| -42.5° | 0.0  | 1.5    | 5.2  | 11.2   | 20.8 | 33.6   | 49.4 | 67.2   | 84.6  | 101.9  | 119.4 |
| -45°   | 0.0  | 1.4    | 4.9  | 10.4   | 19.8 | 32.0   | 46.8 | 64.1   | 81.1  | 96.2   | 111.6 |
| -47.5° | 0.0  | 1.4    | 4.5  | 9.6    | 18.7 | 30.2   | 44.0 | 60.8   | 77.5  | 90.3   | 105.0 |
| -50°   | 0.0  | 1.3    | 4.1  | 9.0    | 17.5 | 28.3   | 41.5 | 57.2   | 72.8  | 85.0   | 98.0  |
| -52.5° | 0.0  | 1.2    | 3.7  | 8.3    | 16.1 | 26.1   | 38.8 | 53.4   | 67.7  | 79.6   | 90.9  |
| -55°   | 0.0  | 1.2    | 3.2  | 7.7    | 14.6 | 24.1   | 35.9 | 49.3   | 62.3  | 74.0   | 84.7  |
| -57.5° | 0.0  | 1.1    | 2.8  | 6.9    | 13.0 | 21.9   | 32.7 | 45.4   | 56.7  | 67.9   | 78.4  |
| -60°   | 0.0  | 1.0    | 2.3  | 6.2    | 11.3 | 19.6   | 29.3 | 40.9   | 51.1  | 61.7   | 71.7  |
| -62.5° | 0.0  | 1.0    | 2.2  | 5.3    | 10.1 | 17.2   | 26.2 | 36.1   | 45.4  | 55.3   | 64.8  |
| -65°   | 0.0  | 0.9    | 2.0  | 4.5    | 8.7  | 14.6   | 22.8 | 31.2   | 39.5  | 48.5   | 57.7  |
| -67.5° | 0.0  | 0.8    | 1.8  | 3.5    | 7.3  | 12.2   | 19.2 | 26.5   | 33.3  | 41.3   | 49.8  |
| -70°   | 0.0  | 0.7    | 1.6  | 2.6    | 5.8  | 10.1   | 15.4 | 21.6   | 27.6  | 34.0   | 41.4  |
| -72.5° | 0.0  | 0.6    | 1.4  | 2.2    | 4.3  | 7.9    | 12.4 | 16.7   | 21.8  | 27.2   | 32.9  |
| -75°   | 0.0  | 0.5    | 1.2  | 1.9    | 2.7  | 5.6    | 9.3  | 12.6   | 15.8  | 20.2   | 25.0  |
| -77.5° | 0.0  | 0.5    | 1.0  | 1.6    | 2.1  | 3.2    | 6.1  | 8.8    | 11.4  | 13.8   | 16.9  |
| -80°   | 0.0  | 0.4    | 0.8  | 1.2    | 1.7  | 2.1    | 2.8  | 5.0    | 7.0   | 9.0    | 11.0  |
| -82.5° | 0.0  | 0.3    | 0.6  | 0.9    | 1.2  | 1.6    | 1.9  | 2.2    | 2.7   | 4.2    | 5.7   |
| -85°   | 0.0  | 0.2    | 0.4  | 0.6    | 0.8  | 1.0    | 1.2  | 1.4    | 1.6   | 1.8    | 2.0   |
| -87.5° | 0.0  | 0.1    | 0.2  | 0.3    | 0.4  | 0.5    | 0.6  | 0.7    | 0.8   | 0.9    | 1.0   |
| -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: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°  | 1.2    | 1.3   | 1.5    | 1.7   | 1.7    | 1.7   | 1.7    | 1.7   | 1.8    | 1.8   | 1.9    |
| 85°    | 2.3    | 2.7   | 3.7    | 4.7   | 5.2    | 5.5   | 5.7    | 5.6   | 6.6    | 7.6   | 8.7    |
| 82.5°  | 7.3    | 8.8   | 10.2   | 11.5  | 11.9   | 11.9  | 11.8   | 11.9  | 14.0   | 16.5  | 19.0   |
| 80°    | 12.9   | 14.8  | 17.3   | 19.6  | 20.6   | 21.1  | 21.3   | 21.3  | 24.0   | 27.6  | 31.4   |
| 77.5°  | 20.5   | 23.7  | 26.5   | 28.9  | 30.2   | 31.3  | 32.2   | 32.9  | 36.4   | 41.0  | 45.6   |
| 75°    | 29.2   | 32.7  | 36.2   | 39.2  | 41.4   | 43.0  | 44.4   | 46.8  | 51.4   | 56.7  | 61.4   |
| 72.5°  | 38.4   | 42.8  | 46.7   | 50.0  | 53.0   | 56.2  | 59.7   | 63.6  | 68.5   | 73.8  | 78.7   |
| 70°    | 48.1   | 53.0  | 57.1   | 61.0  | 65.1   | 69.9  | 75.2   | 80.5  | 85.9   | 91.8  | 97.4   |
| 67.5°  | 57.6   | 62.4  | 67.2   | 72.2  | 78.3   | 84.7  | 91.0   | 98.2  | 105.6  | 112.1 | 118.0  |
| 65°    | 65.9   | 71.5  | 77.5   | 84.3  | 91.9   | 99.9  | 108.3  | 117.0 | 126.4  | 134.2 | 141.4  |
| 62.5°  | 73.8   | 80.5  | 87.8   | 96.3  | 105.9  | 115.5 | 126.2  | 137.1 | 147.6  | 156.8 | 165.4  |
| 60°    | 81.1   | 89.3  | 98.5   | 108.9 | 120.1  | 132.8 | 145.0  | 157.3 | 168.9  | 179.3 | 190.2  |
| 57.5°  | 88.2   | 98.5  | 109.5  | 122.0 | 136.2  | 150.5 | 164.8  | 178.0 | 191.1  | 203.9 | 216.1  |
| 55°    | 95.8   | 108.1 | 121.2  | 136.6 | 152.5  | 169.4 | 184.8  | 199.6 | 214.0  | 229.6 | 244.3  |
| 52.5°  | 104.0  | 117.8 | 134.3  | 151.4 | 169.8  | 187.9 | 204.9  | 221.8 | 239.2  | 256.8 | 275.9  |
| 50°    | 112.0  | 129.1 | 147.2  | 167.1 | 187.0  | 206.4 | 225.9  | 245.3 | 266.2  | 287.7 | 309.5  |
| 47.5°  | 121.3  | 140.0 | 161.4  | 182.7 | 204.5  | 226.1 | 247.8  | 271.3 | 295.0  | 319.9 | 343.9  |
| 45°    | 130.7  | 151.8 | 174.8  | 198.9 | 222.4  | 246.4 | 271.7  | 297.7 | 325.5  | 352.9 | 381.9  |
| 42.5°  | 139.7  | 163.5 | 188.8  | 214.9 | 241.1  | 267.8 | 295.7  | 326.0 | 356.4  | 388.0 | 419.8  |
| 40°    | 149.6  | 174.6 | 202.5  | 231.2 | 259.7  | 289.3 | 321.1  | 353.9 | 388.4  | 423.2 | 457.7  |
| 37.5°  | 159.1  | 186.5 | 215.9  | 246.9 | 278.7  | 311.3 | 345.9  | 383.1 | 420.5  | 457.9 | 496.0  |
| 35°    | 168.0  | 197.9 | 229.7  | 262.6 | 296.4  | 333.4 | 372.1  | 411.9 | 452.3  | 492.8 | 533.8  |
| 32.5°  | 177.2  | 208.6 | 242.9  | 278.1 | 315.3  | 355.0 | 397.4  | 440.5 | 483.6  | 526.9 | 571.7  |
| 30°    | 186.3  | 219.9 | 255.7  | 292.8 | 333.5  | 376.8 | 422.3  | 468.0 | 513.6  | 561.2 | 608.9  |
| 27.5°  | 195.0  | 230.5 | 268.3  | 307.9 | 350.9  | 396.9 | 445.2  | 494.2 | 543.3  | 594.0 | 644.9  |
| 25°    | 203.0  | 240.7 | 279.9  | 322.5 | 368.1  | 416.2 | 466.6  | 517.7 | 571.6  | 625.7 | 678.9  |
| 22.5°  | 210.8  | 250.0 | 290.7  | 335.9 | 383.6  | 434.2 | 486.7  | 540.6 | 596.9  | 655.0 | 710.1  |
| 20°    | 218.3  | 258.8 | 301.2  | 348.1 | 397.5  | 450.4 | 504.9  | 561.4 | 620.4  | 680.1 | 739.4  |
| 17.5°  | 225.0  | 266.6 | 311.0  | 359.5 | 410.8  | 465.2 | 521.3  | 579.7 | 641.3  | 703.3 | 766.0  |
| 15°    | 230.8  | 273.5 | 319.5  | 369.5 | 422.6  | 478.6 | 536.6  | 596.5 | 659.8  | 724.3 | 789.5  |
| 12.5°  | 235.7  | 279.3 | 326.7  | 377.9 | 432.6  | 490.2 | 549.7  | 611.7 | 676.7  | 743.0 | 810.1  |
| 10°    | 239.7  | 284.0 | 332.4  | 384.9 | 440.7  | 499.7 | 560.5  | 624.3 | 691.2  | 758.9 | 827.5  |
| 7.5°   | 243.1  | 287.9 | 337.0  | 390.2 | 447.0  | 507.2 | 568.9  | 634.0 | 702.8  | 771.3 | 841.4  |
| 5°     | 245.5  | 291.1 | 341.2  | 394.7 | 452.4  | 513.0 | 575.2  | 641.0 | 711.2  | 780.2 | 851.5  |
| 2.5°   | 247.0  | 293.2 | 344.1  | 397.6 | 456.7  | 517.4 | 580.9  | 647.1 | 717.4  | 787.2 | 859.1  |
| 0°     | 247.5  | 294.1 | 345.5  | 398.8 | 459.1  | 519.5 | 584.1  | 650.4 | 720.4  | 791.5 | 863.9  |
| -2.5°  | 247.0  | 293.2 | 344.1  | 397.6 | 456.7  | 517.4 | 580.9  | 647.1 | 717.4  | 787.2 | 859.1  |
| -5°    | 245.5  | 291.1 | 341.2  | 394.7 | 452.4  | 513.0 | 575.2  | 641.0 | 711.2  | 780.2 | 851.5  |
| -7.5°  | 243.1  | 287.9 | 337.0  | 390.2 | 447.0  | 507.2 | 568.9  | 634.0 | 702.8  | 771.3 | 841.4  |
| -10°   | 239.7  | 284.0 | 332.4  | 384.9 | 440.7  | 499.7 | 560.5  | 624.3 | 691.2  | 758.9 | 827.5  |
| -12.5° | 235.7  | 279.3 | 326.7  | 377.9 | 432.6  | 490.2 | 549.7  | 611.7 | 676.7  | 743.0 | 810.1  |
| -15°   | 230.8  | 273.5 | 319.5  | 369.5 | 422.6  | 478.6 | 536.6  | 596.5 | 659.8  | 724.3 | 789.5  |
| -17.5° | 225.0  | 266.6 | 311.0  | 359.5 | 410.8  | 465.2 | 521.3  | 579.7 | 641.3  | 703.3 | 766.0  |
| -20°   | 218.3  | 258.8 | 301.2  | 348.1 | 397.5  | 450.4 | 504.9  | 561.4 | 620.4  | 680.1 | 739.4  |

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

Scaled Data Report



REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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° | 210.8  | 250.0 | 290.7  | 335.9 | 383.6  | 434.2 | 486.7  | 540.6 | 596.9  | 655.0 | 710.1  |
| -25°   | 203.0  | 240.7 | 279.9  | 322.5 | 368.1  | 416.2 | 466.6  | 517.7 | 571.6  | 625.7 | 678.9  |
| -27.5° | 195.0  | 230.5 | 268.3  | 307.9 | 350.9  | 396.9 | 445.2  | 494.2 | 543.3  | 594.0 | 644.9  |
| -30°   | 186.3  | 219.9 | 255.7  | 292.8 | 333.5  | 376.8 | 422.3  | 468.0 | 513.6  | 561.2 | 608.9  |
| -32.5° | 177.2  | 208.6 | 242.9  | 278.1 | 315.3  | 355.0 | 397.4  | 440.5 | 483.6  | 526.9 | 571.7  |
| -35°   | 168.0  | 197.9 | 229.7  | 262.6 | 296.4  | 333.4 | 372.1  | 411.9 | 452.3  | 492.8 | 533.8  |
| -37.5° | 159.1  | 186.5 | 215.9  | 246.9 | 278.7  | 311.3 | 345.9  | 383.1 | 420.5  | 457.9 | 496.0  |
| -40°   | 149.6  | 174.6 | 202.5  | 231.2 | 259.7  | 289.3 | 321.1  | 353.9 | 388.4  | 423.2 | 457.7  |
| -42.5° | 139.7  | 163.5 | 188.8  | 214.9 | 241.1  | 267.8 | 295.7  | 326.0 | 356.4  | 388.0 | 419.8  |
| -45°   | 130.7  | 151.8 | 174.8  | 198.9 | 222.4  | 246.4 | 271.7  | 297.7 | 325.5  | 352.9 | 381.9  |
| -47.5° | 121.3  | 140.0 | 161.4  | 182.7 | 204.5  | 226.1 | 247.8  | 271.3 | 295.0  | 319.9 | 343.9  |
| -50°   | 112.0  | 129.1 | 147.2  | 167.1 | 187.0  | 206.4 | 225.9  | 245.3 | 266.2  | 287.7 | 309.5  |
| -52.5° | 104.0  | 117.8 | 134.3  | 151.4 | 169.8  | 187.9 | 204.9  | 221.8 | 239.2  | 256.8 | 275.9  |
| -55°   | 95.8   | 108.1 | 121.2  | 136.6 | 152.5  | 169.4 | 184.8  | 199.6 | 214.0  | 229.6 | 244.3  |
| -57.5° | 88.2   | 98.5  | 109.5  | 122.0 | 136.2  | 150.5 | 164.8  | 178.0 | 191.1  | 203.9 | 216.1  |
| -60°   | 81.1   | 89.3  | 98.5   | 108.9 | 120.1  | 132.8 | 145.0  | 157.3 | 168.9  | 179.3 | 190.2  |
| -62.5° | 73.8   | 80.5  | 87.8   | 96.3  | 105.9  | 115.5 | 126.2  | 137.1 | 147.6  | 156.8 | 165.4  |
| -65°   | 65.9   | 71.5  | 77.5   | 84.3  | 91.9   | 99.9  | 108.3  | 117.0 | 126.4  | 134.2 | 141.4  |
| -67.5° | 57.6   | 62.4  | 67.2   | 72.2  | 78.3   | 84.7  | 91.0   | 98.2  | 105.6  | 112.1 | 118.0  |
| -70°   | 48.1   | 53.0  | 57.1   | 61.0  | 65.1   | 69.9  | 75.2   | 80.5  | 85.9   | 91.8  | 97.4   |
| -72.5° | 38.4   | 42.8  | 46.7   | 50.0  | 53.0   | 56.2  | 59.7   | 63.6  | 68.5   | 73.8  | 78.7   |
| -75°   | 29.2   | 32.7  | 36.2   | 39.2  | 41.4   | 43.0  | 44.4   | 46.8  | 51.4   | 56.7  | 61.4   |
| -77.5° | 20.5   | 23.7  | 26.5   | 28.9  | 30.2   | 31.3  | 32.2   | 32.9  | 36.4   | 41.0  | 45.6   |
| -80°   | 12.9   | 14.8  | 17.3   | 19.6  | 20.6   | 21.1  | 21.3   | 21.3  | 24.0   | 27.6  | 31.4   |
| -82.5° | 7.3    | 8.8   | 10.2   | 11.5  | 11.9   | 11.9  | 11.8   | 11.9  | 14.0   | 16.5  | 19.0   |
| -85°   | 2.3    | 2.7   | 3.7    | 4.7   | 5.2    | 5.5   | 5.7    | 5.6   | 6.6    | 7.6   | 8.7    |
| -87.5° | 1.2    | 1.3   | 1.5    | 1.7   | 1.7    | 1.7   | 1.7    | 1.7   | 1.8    | 1.8   | 1.9    |
| -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: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°  | 2.0   | 2.0    | 2.1    | 2.1    | 2.2    | 2.2    | 2.3    | 2.3    | 2.3    | 2.2    | 2.1    |
| 85°    | 10.0  | 10.7   | 11.3   | 11.9   | 12.5   | 13.1   | 13.6   | 14.1   | 14.6   | 13.4   | 12.0   |
| 82.5°  | 21.5  | 23.3   | 24.9   | 26.6   | 28.2   | 28.6   | 28.7   | 28.7   | 28.5   | 26.2   | 23.7   |
| 80°    | 35.2  | 38.1   | 40.9   | 43.6   | 46.3   | 46.6   | 46.3   | 45.8   | 45.0   | 42.0   | 38.7   |
| 77.5°  | 50.1  | 53.8   | 57.0   | 60.0   | 62.6   | 63.1   | 63.1   | 63.0   | 62.8   | 59.8   | 56.1   |
| 75°    | 65.4  | 69.0   | 72.4   | 75.4   | 77.9   | 79.0   | 79.6   | 80.0   | 80.2   | 78.0   | 75.2   |
| 72.5°  | 83.1  | 86.8   | 89.9   | 92.8   | 95.2   | 96.9   | 98.2   | 99.1   | 99.8   | 99.1   | 98.0   |
| 70°    | 102.3 | 106.3  | 109.7  | 112.9  | 116.2  | 118.8  | 120.8  | 122.3  | 123.2  | 123.8  | 124.2  |
| 67.5°  | 123.9 | 129.3  | 134.0  | 138.0  | 142.0  | 145.7  | 148.8  | 151.3  | 153.2  | 154.9  | 156.1  |
| 65°    | 148.2 | 155.1  | 161.3  | 166.9  | 172.0  | 177.5  | 181.9  | 185.6  | 188.7  | 191.1  | 193.1  |
| 62.5°  | 173.8 | 182.3  | 190.2  | 197.8  | 205.2  | 212.6  | 218.3  | 223.4  | 228.0  | 231.9  | 235.1  |
| 60°    | 200.4 | 210.0  | 220.6  | 230.7  | 239.9  | 248.4  | 256.8  | 264.1  | 270.3  | 275.5  | 279.7  |
| 57.5°  | 229.0 | 241.5  | 253.8  | 266.3  | 278.1  | 289.2  | 299.6  | 308.7  | 316.4  | 322.8  | 328.1  |
| 55°    | 259.9 | 275.5  | 289.8  | 305.6  | 320.8  | 334.7  | 346.9  | 357.7  | 367.0  | 374.8  | 381.4  |
| 52.5°  | 293.9 | 312.8  | 331.4  | 349.3  | 366.6  | 382.8  | 397.4  | 409.9  | 421.1  | 430.6  | 438.2  |
| 50°    | 331.0 | 352.7  | 374.2  | 394.2  | 414.1  | 432.7  | 449.5  | 464.0  | 476.9  | 488.2  | 497.0  |
| 47.5°  | 369.9 | 394.5  | 418.6  | 441.5  | 463.5  | 484.2  | 502.3  | 518.9  | 535.0  | 548.2  | 558.6  |
| 45°    | 410.2 | 437.9  | 464.5  | 490.6  | 514.9  | 538.0  | 560.5  | 581.1  | 597.6  | 612.1  | 624.3  |
| 42.5°  | 451.1 | 482.0  | 511.7  | 540.3  | 566.9  | 593.7  | 618.9  | 641.4  | 660.3  | 676.8  | 690.7  |
| 40°    | 492.5 | 526.3  | 559.1  | 590.2  | 620.6  | 649.8  | 677.1  | 700.9  | 722.2  | 741.8  | 758.1  |
| 37.5°  | 533.7 | 570.9  | 607.2  | 642.0  | 675.6  | 707.2  | 736.6  | 763.5  | 787.5  | 809.9  | 828.0  |
| 35°    | 575.1 | 615.9  | 655.5  | 693.9  | 730.6  | 765.4  | 797.7  | 828.3  | 856.7  | 879.3  | 897.8  |
| 32.5°  | 616.3 | 660.1  | 703.4  | 745.6  | 785.7  | 823.3  | 858.3  | 892.0  | 921.2  | 946.0  | 967.3  |
| 30°    | 656.1 | 703.6  | 750.7  | 796.5  | 839.9  | 880.6  | 919.3  | 955.0  | 986.3  | 1013.5 | 1037.4 |
| 27.5°  | 695.3 | 746.3  | 796.8  | 845.7  | 892.6  | 936.8  | 979.1  | 1017.8 | 1052.0 | 1081.6 | 1106.8 |
| 25°    | 732.2 | 787.1  | 841.0  | 892.8  | 942.8  | 991.7  | 1037.3 | 1079.6 | 1116.1 | 1148.5 | 1174.4 |
| 22.5°  | 767.5 | 826.1  | 882.7  | 937.2  | 990.7  | 1043.4 | 1093.3 | 1137.4 | 1176.1 | 1210.0 | 1238.7 |
| 20°    | 800.5 | 863.2  | 921.1  | 978.7  | 1035.1 | 1091.4 | 1145.0 | 1191.5 | 1232.4 | 1268.6 | 1300.2 |
| 17.5°  | 831.2 | 895.6  | 956.5  | 1017.9 | 1077.4 | 1136.3 | 1190.8 | 1240.6 | 1284.9 | 1323.2 | 1356.4 |
| 15°    | 857.3 | 922.2  | 988.8  | 1054.4 | 1117.1 | 1176.7 | 1231.1 | 1283.3 | 1332.4 | 1373.8 | 1407.4 |
| 12.5°  | 878.4 | 945.9  | 1015.3 | 1085.0 | 1151.3 | 1210.8 | 1267.8 | 1320.7 | 1372.3 | 1418.8 | 1449.7 |
| 10°    | 896.3 | 965.9  | 1037.6 | 1108.6 | 1175.8 | 1238.8 | 1300.8 | 1356.7 | 1407.3 | 1449.0 | 1483.5 |
| 7.5°   | 911.9 | 983.5  | 1056.3 | 1127.4 | 1194.4 | 1259.6 | 1323.3 | 1382.7 | 1433.8 | 1473.2 | 1503.8 |
| 5°     | 923.3 | 996.6  | 1070.9 | 1142.7 | 1210.6 | 1275.9 | 1340.0 | 1398.6 | 1448.6 | 1488.5 | 1522.0 |
| 2.5°   | 931.5 | 1005.5 | 1080.3 | 1152.2 | 1221.5 | 1287.1 | 1352.8 | 1412.1 | 1460.4 | 1497.0 | 1529.1 |
| 0°     | 936.8 | 1010.9 | 1086.3 | 1159.8 | 1227.9 | 1291.3 | 1361.9 | 1417.4 | 1467.7 | 1504.1 | 1537.6 |
| -2.5°  | 931.5 | 1005.5 | 1080.3 | 1152.2 | 1221.5 | 1287.1 | 1352.8 | 1412.1 | 1460.4 | 1497.0 | 1529.1 |
| -5°    | 923.3 | 996.6  | 1070.9 | 1142.7 | 1210.6 | 1275.9 | 1340.0 | 1398.6 | 1448.6 | 1488.5 | 1522.0 |
| -7.5°  | 911.9 | 983.5  | 1056.3 | 1127.4 | 1194.4 | 1259.6 | 1323.3 | 1382.7 | 1433.8 | 1473.2 | 1503.8 |
| -10°   | 896.3 | 965.9  | 1037.6 | 1108.6 | 1175.8 | 1238.8 | 1300.8 | 1356.7 | 1407.3 | 1449.0 | 1483.5 |
| -12.5° | 878.4 | 945.9  | 1015.3 | 1085.0 | 1151.3 | 1210.8 | 1267.8 | 1320.7 | 1372.3 | 1418.8 | 1449.7 |
| -15°   | 857.3 | 922.2  | 988.8  | 1054.4 | 1117.1 | 1176.7 | 1231.1 | 1283.3 | 1332.4 | 1373.8 | 1407.4 |
| -17.5° | 831.2 | 895.6  | 956.5  | 1017.9 | 1077.4 | 1136.3 | 1190.8 | 1240.6 | 1284.9 | 1323.2 | 1356.4 |
| -20°   | 800.5 | 863.2  | 921.1  | 978.7  | 1035.1 | 1091.4 | 1145.0 | 1191.5 | 1232.4 | 1268.6 | 1300.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°  | -32.5° | -30°  | -27.5° | -25°  | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| -22.5° | 767.5 | 826.1  | 882.7 | 937.2  | 990.7 | 1043.4 | 1093.3 | 1137.4 | 1176.1 | 1210.0 | 1238.7 |
| -25°   | 732.2 | 787.1  | 841.0 | 892.8  | 942.8 | 991.7  | 1037.3 | 1079.6 | 1116.1 | 1148.5 | 1174.4 |
| -27.5° | 695.3 | 746.3  | 796.8 | 845.7  | 892.6 | 936.8  | 979.1  | 1017.8 | 1052.0 | 1081.6 | 1106.8 |
| -30°   | 656.1 | 703.6  | 750.7 | 796.5  | 839.9 | 880.6  | 919.3  | 955.0  | 986.3  | 1013.5 | 1037.4 |
| -32.5° | 616.3 | 660.1  | 703.4 | 745.6  | 785.7 | 823.3  | 858.3  | 892.0  | 921.2  | 946.0  | 967.3  |
| -35°   | 575.1 | 615.9  | 655.5 | 693.9  | 730.6 | 765.4  | 797.7  | 828.3  | 856.7  | 879.3  | 897.8  |
| -37.5° | 533.7 | 570.9  | 607.2 | 642.0  | 675.6 | 707.2  | 736.6  | 763.5  | 787.5  | 809.9  | 828.0  |
| -40°   | 492.5 | 526.3  | 559.1 | 590.2  | 620.6 | 649.8  | 677.1  | 700.9  | 722.2  | 741.8  | 758.1  |
| -42.5° | 451.1 | 482.0  | 511.7 | 540.3  | 566.9 | 593.7  | 618.9  | 641.4  | 660.3  | 676.8  | 690.7  |
| -45°   | 410.2 | 437.9  | 464.5 | 490.6  | 514.9 | 538.0  | 560.5  | 581.1  | 597.6  | 612.1  | 624.3  |
| -47.5° | 369.9 | 394.5  | 418.6 | 441.5  | 463.5 | 484.2  | 502.3  | 518.9  | 535.0  | 548.2  | 558.6  |
| -50°   | 331.0 | 352.7  | 374.2 | 394.2  | 414.1 | 432.7  | 449.5  | 464.0  | 476.9  | 488.2  | 497.0  |
| -52.5° | 293.9 | 312.8  | 331.4 | 349.3  | 366.6 | 382.8  | 397.4  | 409.9  | 421.1  | 430.6  | 438.2  |
| -55°   | 259.9 | 275.5  | 289.8 | 305.6  | 320.8 | 334.7  | 346.9  | 357.7  | 367.0  | 374.8  | 381.4  |
| -57.5° | 229.0 | 241.5  | 253.8 | 266.3  | 278.1 | 289.2  | 299.6  | 308.7  | 316.4  | 322.8  | 328.1  |
| -60°   | 200.4 | 210.0  | 220.6 | 230.7  | 239.9 | 248.4  | 256.8  | 264.1  | 270.3  | 275.5  | 279.7  |
| -62.5° | 173.8 | 182.3  | 190.2 | 197.8  | 205.2 | 212.6  | 218.3  | 223.4  | 228.0  | 231.9  | 235.1  |
| -65°   | 148.2 | 155.1  | 161.3 | 166.9  | 172.0 | 177.5  | 181.9  | 185.6  | 188.7  | 191.1  | 193.1  |
| -67.5° | 123.9 | 129.3  | 134.0 | 138.0  | 142.0 | 145.7  | 148.8  | 151.3  | 153.2  | 154.9  | 156.1  |
| -70°   | 102.3 | 106.3  | 109.7 | 112.9  | 116.2 | 118.8  | 120.8  | 122.3  | 123.2  | 123.8  | 124.2  |
| -72.5° | 83.1  | 86.8   | 89.9  | 92.8   | 95.2  | 96.9   | 98.2   | 99.1   | 99.8   | 99.1   | 98.0   |
| -75°   | 65.4  | 69.0   | 72.4  | 75.4   | 77.9  | 79.0   | 79.6   | 80.0   | 80.2   | 78.0   | 75.2   |
| -77.5° | 50.1  | 53.8   | 57.0  | 60.0   | 62.6  | 63.1   | 63.1   | 63.0   | 62.8   | 59.8   | 56.1   |
| -80°   | 35.2  | 38.1   | 40.9  | 43.6   | 46.3  | 46.6   | 46.3   | 45.8   | 45.0   | 42.0   | 38.7   |
| -82.5° | 21.5  | 23.3   | 24.9  | 26.6   | 28.2  | 28.6   | 28.7   | 28.7   | 28.5   | 26.2   | 23.7   |
| -85°   | 10.0  | 10.7   | 11.3  | 11.9   | 12.5  | 13.1   | 13.6   | 14.1   | 14.6   | 13.4   | 12.0   |
| -87.5° | 2.0   | 2.0    | 2.1   | 2.1    | 2.2   | 2.2    | 2.3    | 2.3    | 2.3    | 2.2    | 2.1    |
| -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: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-735-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°  | 1.9    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.9    | 2.1    | 2.2    | 2.3    | 2.3    |
| 85°    | 10.5   | 9.0    | 8.4    | 7.8    | 8.4    | 9.0    | 10.5   | 12.0   | 13.4   | 14.6   | 14.1   |
| 82.5°  | 21.1   | 18.4   | 17.6   | 16.7   | 17.6   | 18.4   | 21.1   | 23.7   | 26.2   | 28.5   | 28.7   |
| 80°    | 35.3   | 31.6   | 30.2   | 28.7   | 30.2   | 31.6   | 35.3   | 38.7   | 42.0   | 45.0   | 45.8   |
| 77.5°  | 52.3   | 48.3   | 46.6   | 44.8   | 46.6   | 48.3   | 52.3   | 56.1   | 59.8   | 62.8   | 63.0   |
| 75°    | 72.2   | 69.1   | 67.2   | 65.2   | 67.2   | 69.1   | 72.2   | 75.2   | 78.0   | 80.2   | 80.0   |
| 72.5°  | 96.7   | 95.2   | 93.8   | 92.1   | 93.8   | 95.2   | 96.7   | 98.0   | 99.1   | 99.8   | 99.1   |
| 70°    | 124.3  | 124.1  | 124.4  | 124.3  | 124.4  | 124.1  | 124.3  | 124.2  | 123.8  | 123.2  | 122.3  |
| 67.5°  | 156.8  | 156.8  | 157.5  | 157.8  | 157.5  | 156.8  | 156.8  | 156.1  | 154.9  | 153.2  | 151.3  |
| 65°    | 194.4  | 194.8  | 194.6  | 193.7  | 194.6  | 194.8  | 194.4  | 193.1  | 191.1  | 188.7  | 185.6  |
| 62.5°  | 237.3  | 238.6  | 239.3  | 239.1  | 239.3  | 238.6  | 237.3  | 235.1  | 231.9  | 228.0  | 223.4  |
| 60°    | 282.8  | 284.9  | 285.9  | 285.8  | 285.9  | 284.9  | 282.8  | 279.7  | 275.5  | 270.3  | 264.1  |
| 57.5°  | 332.1  | 334.7  | 335.3  | 334.2  | 335.3  | 334.7  | 332.1  | 328.1  | 322.8  | 316.4  | 308.7  |
| 55°    | 386.4  | 389.7  | 391.0  | 390.4  | 391.0  | 389.7  | 386.4  | 381.4  | 374.8  | 367.0  | 357.7  |
| 52.5°  | 443.8  | 447.4  | 448.7  | 447.8  | 448.7  | 447.4  | 443.8  | 438.2  | 430.6  | 421.1  | 409.9  |
| 50°    | 503.5  | 507.8  | 509.6  | 508.8  | 509.6  | 507.8  | 503.5  | 497.0  | 488.2  | 476.9  | 464.0  |
| 47.5°  | 566.8  | 572.6  | 574.8  | 573.3  | 574.8  | 572.6  | 566.8  | 558.6  | 548.2  | 535.0  | 518.9  |
| 45°    | 633.4  | 639.5  | 641.8  | 640.3  | 641.8  | 639.5  | 633.4  | 624.3  | 612.1  | 597.6  | 581.1  |
| 42.5°  | 701.3  | 709.1  | 712.4  | 709.6  | 712.4  | 709.1  | 701.3  | 690.7  | 676.8  | 660.3  | 641.4  |
| 40°    | 770.3  | 778.7  | 782.6  | 780.8  | 782.6  | 778.7  | 770.3  | 758.1  | 741.8  | 722.2  | 700.9  |
| 37.5°  | 841.1  | 849.5  | 853.7  | 853.7  | 853.7  | 849.5  | 841.1  | 828.0  | 809.9  | 787.5  | 763.5  |
| 35°    | 912.1  | 922.3  | 928.1  | 927.8  | 928.1  | 922.3  | 912.1  | 897.8  | 879.3  | 856.7  | 828.3  |
| 32.5°  | 984.2  | 995.2  | 1001.2 | 1002.0 | 1001.2 | 995.2  | 984.2  | 967.3  | 946.0  | 921.2  | 892.0  |
| 30°    | 1056.1 | 1068.3 | 1075.1 | 1077.9 | 1075.1 | 1068.3 | 1056.1 | 1037.4 | 1013.5 | 986.3  | 955.0  |
| 27.5°  | 1125.9 | 1140.8 | 1151.1 | 1152.0 | 1151.1 | 1140.8 | 1125.9 | 1106.8 | 1081.6 | 1052.0 | 1017.8 |
| 25°    | 1193.5 | 1208.7 | 1219.3 | 1221.4 | 1219.3 | 1208.7 | 1193.5 | 1174.4 | 1148.5 | 1116.1 | 1079.6 |
| 22.5°  | 1260.0 | 1275.9 | 1285.7 | 1289.5 | 1285.7 | 1275.9 | 1260.0 | 1238.7 | 1210.0 | 1176.1 | 1137.4 |
| 20°    | 1323.6 | 1340.8 | 1351.2 | 1355.3 | 1351.2 | 1340.8 | 1323.6 | 1300.2 | 1268.6 | 1232.4 | 1191.5 |
| 17.5°  | 1381.1 | 1399.3 | 1412.1 | 1415.7 | 1412.1 | 1399.3 | 1381.1 | 1356.4 | 1323.2 | 1284.9 | 1240.6 |
| 15°    | 1431.7 | 1449.0 | 1461.1 | 1465.9 | 1461.1 | 1449.0 | 1431.7 | 1407.4 | 1373.8 | 1332.4 | 1283.3 |
| 12.5°  | 1472.9 | 1488.3 | 1497.8 | 1502.3 | 1497.8 | 1488.3 | 1472.9 | 1449.7 | 1418.8 | 1372.3 | 1320.7 |
| 10°    | 1505.1 | 1520.5 | 1529.6 | 1535.8 | 1529.6 | 1520.5 | 1505.1 | 1483.5 | 1449.0 | 1407.3 | 1356.7 |
| 7.5°   | 1533.0 | 1548.9 | 1560.0 | 1568.7 | 1560.0 | 1548.9 | 1533.0 | 1503.8 | 1473.2 | 1433.8 | 1382.7 |
| 5°     | 1548.4 | 1574.9 | 1578.9 | 1584.8 | 1578.9 | 1574.9 | 1548.4 | 1522.0 | 1488.5 | 1448.6 | 1398.6 |
| 2.5°   | 1560.2 | 1578.9 | 1590.2 | 1589.0 | 1590.2 | 1578.9 | 1560.2 | 1529.1 | 1497.0 | 1460.4 | 1412.1 |
| 0°     | 1568.7 | 1585.4 | 1589.6 | 1595.0 | 1589.6 | 1585.4 | 1568.7 | 1537.6 | 1504.1 | 1467.7 | 1417.4 |
| -2.5°  | 1560.2 | 1578.9 | 1590.2 | 1589.0 | 1590.2 | 1578.9 | 1560.2 | 1529.1 | 1497.0 | 1460.4 | 1412.1 |
| -5°    | 1548.4 | 1574.9 | 1578.9 | 1584.8 | 1578.9 | 1574.9 | 1548.4 | 1522.0 | 1488.5 | 1448.6 | 1398.6 |
| -7.5°  | 1533.0 | 1548.9 | 1560.0 | 1568.7 | 1560.0 | 1548.9 | 1533.0 | 1503.8 | 1473.2 | 1433.8 | 1382.7 |
| -10°   | 1505.1 | 1520.5 | 1529.6 | 1535.8 | 1529.6 | 1520.5 | 1505.1 | 1483.5 | 1449.0 | 1407.3 | 1356.7 |
| -12.5° | 1472.9 | 1488.3 | 1497.8 | 1502.3 | 1497.8 | 1488.3 | 1472.9 | 1449.7 | 1418.8 | 1372.3 | 1320.7 |
| -15°   | 1431.7 | 1449.0 | 1461.1 | 1465.9 | 1461.1 | 1449.0 | 1431.7 | 1407.4 | 1373.8 | 1332.4 | 1283.3 |
| -17.5° | 1381.1 | 1399.3 | 1412.1 | 1415.7 | 1412.1 | 1399.3 | 1381.1 | 1356.4 | 1323.2 | 1284.9 | 1240.6 |
| -20°   | 1323.6 | 1340.8 | 1351.2 | 1355.3 | 1351.2 | 1340.8 | 1323.6 | 1300.2 | 1268.6 | 1232.4 | 1191.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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° | 1260.0 | 1275.9 | 1285.7 | 1289.5 | 1285.7 | 1275.9 | 1260.0 | 1238.7 | 1210.0 | 1176.1 | 1137.4 |
| -25°   | 1193.5 | 1208.7 | 1219.3 | 1221.4 | 1219.3 | 1208.7 | 1193.5 | 1174.4 | 1148.5 | 1116.1 | 1079.6 |
| -27.5° | 1125.9 | 1140.8 | 1151.1 | 1152.0 | 1151.1 | 1140.8 | 1125.9 | 1106.8 | 1081.6 | 1052.0 | 1017.8 |
| -30°   | 1056.1 | 1068.3 | 1075.1 | 1077.9 | 1075.1 | 1068.3 | 1056.1 | 1037.4 | 1013.5 | 986.3  | 955.0  |
| -32.5° | 984.2  | 995.2  | 1001.2 | 1002.0 | 1001.2 | 995.2  | 984.2  | 967.3  | 946.0  | 921.2  | 892.0  |
| -35°   | 912.1  | 922.3  | 928.1  | 927.8  | 928.1  | 922.3  | 912.1  | 897.8  | 879.3  | 856.7  | 828.3  |
| -37.5° | 841.1  | 849.5  | 853.7  | 853.7  | 853.7  | 849.5  | 841.1  | 828.0  | 809.9  | 787.5  | 763.5  |
| -40°   | 770.3  | 778.7  | 782.6  | 780.8  | 782.6  | 778.7  | 770.3  | 758.1  | 741.8  | 722.2  | 700.9  |
| -42.5° | 701.3  | 709.1  | 712.4  | 709.6  | 712.4  | 709.1  | 701.3  | 690.7  | 676.8  | 660.3  | 641.4  |
| -45°   | 633.4  | 639.5  | 641.8  | 640.3  | 641.8  | 639.5  | 633.4  | 624.3  | 612.1  | 597.6  | 581.1  |
| -47.5° | 566.8  | 572.6  | 574.8  | 573.3  | 574.8  | 572.6  | 566.8  | 558.6  | 548.2  | 535.0  | 518.9  |
| -50°   | 503.5  | 507.8  | 509.6  | 508.8  | 509.6  | 507.8  | 503.5  | 497.0  | 488.2  | 476.9  | 464.0  |
| -52.5° | 443.8  | 447.4  | 448.7  | 447.8  | 448.7  | 447.4  | 443.8  | 438.2  | 430.6  | 421.1  | 409.9  |
| -55°   | 386.4  | 389.7  | 391.0  | 390.4  | 391.0  | 389.7  | 386.4  | 381.4  | 374.8  | 367.0  | 357.7  |
| -57.5° | 332.1  | 334.7  | 335.3  | 334.2  | 335.3  | 334.7  | 332.1  | 328.1  | 322.8  | 316.4  | 308.7  |
| -60°   | 282.8  | 284.9  | 285.9  | 285.8  | 285.9  | 284.9  | 282.8  | 279.7  | 275.5  | 270.3  | 264.1  |
| -62.5° | 237.3  | 238.6  | 239.3  | 239.1  | 239.3  | 238.6  | 237.3  | 235.1  | 231.9  | 228.0  | 223.4  |
| -65°   | 194.4  | 194.8  | 194.6  | 193.7  | 194.6  | 194.8  | 194.4  | 193.1  | 191.1  | 188.7  | 185.6  |
| -67.5° | 156.8  | 156.8  | 157.5  | 157.8  | 157.5  | 156.8  | 156.8  | 156.1  | 154.9  | 153.2  | 151.3  |
| -70°   | 124.3  | 124.1  | 124.4  | 124.3  | 124.4  | 124.1  | 124.3  | 124.2  | 123.8  | 123.2  | 122.3  |
| -72.5° | 96.7   | 95.2   | 93.8   | 92.1   | 93.8   | 95.2   | 96.7   | 98.0   | 99.1   | 99.8   | 99.1   |
| -75°   | 72.2   | 69.1   | 67.2   | 65.2   | 67.2   | 69.1   | 72.2   | 75.2   | 78.0   | 80.2   | 80.0   |
| -77.5° | 52.3   | 48.3   | 46.6   | 44.8   | 46.6   | 48.3   | 52.3   | 56.1   | 59.8   | 62.8   | 63.0   |
| -80°   | 35.3   | 31.6   | 30.2   | 28.7   | 30.2   | 31.6   | 35.3   | 38.7   | 42.0   | 45.0   | 45.8   |
| -82.5° | 21.1   | 18.4   | 17.6   | 16.7   | 17.6   | 18.4   | 21.1   | 23.7   | 26.2   | 28.5   | 28.7   |
| -85°   | 10.5   | 9.0    | 8.4    | 7.8    | 8.4    | 9.0    | 10.5   | 12.0   | 13.4   | 14.6   | 14.1   |
| -87.5° | 1.9    | 1.8    | 1.8    | 1.8    | 1.8    | 1.8    | 1.9    | 2.1    | 2.2    | 2.3    | 2.3    |
| -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: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-735-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°  | 2.3    | 2.2    | 2.2    | 2.1    | 2.1    | 2.0    | 2.0   | 1.9   | 1.8   | 1.8   | 1.7   |
| 85°    | 13.6   | 13.1   | 12.5   | 11.9   | 11.3   | 10.7   | 10.0  | 8.7   | 7.6   | 6.6   | 5.6   |
| 82.5°  | 28.7   | 28.6   | 28.2   | 26.6   | 24.9   | 23.3   | 21.5  | 19.0  | 16.5  | 14.0  | 11.9  |
| 80°    | 46.3   | 46.6   | 46.3   | 43.6   | 40.9   | 38.1   | 35.2  | 31.4  | 27.6  | 24.0  | 21.3  |
| 77.5°  | 63.1   | 63.1   | 62.6   | 60.0   | 57.0   | 53.8   | 50.1  | 45.6  | 41.0  | 36.4  | 32.9  |
| 75°    | 79.6   | 79.0   | 77.9   | 75.4   | 72.4   | 69.0   | 65.4  | 61.4  | 56.7  | 51.4  | 46.8  |
| 72.5°  | 98.2   | 96.9   | 95.2   | 92.8   | 89.9   | 86.8   | 83.1  | 78.7  | 73.8  | 68.5  | 63.6  |
| 70°    | 120.8  | 118.8  | 116.2  | 112.9  | 109.7  | 106.3  | 102.3 | 97.4  | 91.8  | 85.9  | 80.5  |
| 67.5°  | 148.8  | 145.7  | 142.0  | 138.0  | 134.0  | 129.3  | 123.9 | 118.0 | 112.1 | 105.6 | 98.2  |
| 65°    | 181.9  | 177.5  | 172.0  | 166.9  | 161.3  | 155.1  | 148.2 | 141.4 | 134.2 | 126.4 | 117.0 |
| 62.5°  | 218.3  | 212.6  | 205.2  | 197.8  | 190.2  | 182.3  | 173.8 | 165.4 | 156.8 | 147.6 | 137.1 |
| 60°    | 256.8  | 248.4  | 239.9  | 230.7  | 220.6  | 210.0  | 200.4 | 190.2 | 179.3 | 168.9 | 157.3 |
| 57.5°  | 299.6  | 289.2  | 278.1  | 266.3  | 253.8  | 241.5  | 229.0 | 216.1 | 203.9 | 191.1 | 178.0 |
| 55°    | 346.9  | 334.7  | 320.8  | 305.6  | 289.8  | 275.5  | 259.9 | 244.3 | 229.6 | 214.0 | 199.6 |
| 52.5°  | 397.4  | 382.8  | 366.6  | 349.3  | 331.4  | 312.8  | 293.9 | 275.9 | 256.8 | 239.2 | 221.8 |
| 50°    | 449.5  | 432.7  | 414.1  | 394.2  | 374.2  | 352.7  | 331.0 | 309.5 | 287.7 | 266.2 | 245.3 |
| 47.5°  | 502.3  | 484.2  | 463.5  | 441.5  | 418.6  | 394.5  | 369.9 | 343.9 | 319.9 | 295.0 | 271.3 |
| 45°    | 560.5  | 538.0  | 514.9  | 490.6  | 464.5  | 437.9  | 410.2 | 381.9 | 352.9 | 325.5 | 297.7 |
| 42.5°  | 618.9  | 593.7  | 566.9  | 540.3  | 511.7  | 482.0  | 451.1 | 419.8 | 388.0 | 356.4 | 326.0 |
| 40°    | 677.1  | 649.8  | 620.6  | 590.2  | 559.1  | 526.3  | 492.5 | 457.7 | 423.2 | 388.4 | 353.9 |
| 37.5°  | 736.6  | 707.2  | 675.6  | 642.0  | 607.2  | 570.9  | 533.7 | 496.0 | 457.9 | 420.5 | 383.1 |
| 35°    | 797.7  | 765.4  | 730.6  | 693.9  | 655.5  | 615.9  | 575.1 | 533.8 | 492.8 | 452.3 | 411.9 |
| 32.5°  | 858.3  | 823.3  | 785.7  | 745.6  | 703.4  | 660.1  | 616.3 | 571.7 | 526.9 | 483.6 | 440.5 |
| 30°    | 919.3  | 880.6  | 839.9  | 796.5  | 750.7  | 703.6  | 656.1 | 608.9 | 561.2 | 513.6 | 468.0 |
| 27.5°  | 979.1  | 936.8  | 892.6  | 845.7  | 796.8  | 746.3  | 695.3 | 644.9 | 594.0 | 543.3 | 494.2 |
| 25°    | 1037.3 | 991.7  | 942.8  | 892.8  | 841.0  | 787.1  | 732.2 | 678.9 | 625.7 | 571.6 | 517.7 |
| 22.5°  | 1093.3 | 1043.4 | 990.7  | 937.2  | 882.7  | 826.1  | 767.5 | 710.1 | 655.0 | 596.9 | 540.6 |
| 20°    | 1145.0 | 1091.4 | 1035.1 | 978.7  | 921.1  | 863.2  | 800.5 | 739.4 | 680.1 | 620.4 | 561.4 |
| 17.5°  | 1190.8 | 1136.3 | 1077.4 | 1017.9 | 956.5  | 895.6  | 831.2 | 766.0 | 703.3 | 641.3 | 579.7 |
| 15°    | 1231.1 | 1176.7 | 1117.1 | 1054.4 | 988.8  | 922.2  | 857.3 | 789.5 | 724.3 | 659.8 | 596.5 |
| 12.5°  | 1267.8 | 1210.8 | 1151.3 | 1085.0 | 1015.3 | 945.9  | 878.4 | 810.1 | 743.0 | 676.7 | 611.7 |
| 10°    | 1300.8 | 1238.8 | 1175.8 | 1108.6 | 1037.6 | 965.9  | 896.3 | 827.5 | 758.9 | 691.2 | 624.3 |
| 7.5°   | 1323.3 | 1259.6 | 1194.4 | 1127.4 | 1056.3 | 983.5  | 911.9 | 841.4 | 771.3 | 702.8 | 634.0 |
| 5°     | 1340.0 | 1275.9 | 1210.6 | 1142.7 | 1070.9 | 996.6  | 923.3 | 851.5 | 780.2 | 711.2 | 641.0 |
| 2.5°   | 1352.8 | 1287.1 | 1221.5 | 1152.2 | 1080.3 | 1005.5 | 931.5 | 859.1 | 787.2 | 717.4 | 647.1 |
| 0°     | 1361.9 | 1291.3 | 1227.9 | 1159.8 | 1086.3 | 1010.9 | 936.8 | 863.9 | 791.5 | 720.4 | 650.4 |
| -2.5°  | 1352.8 | 1287.1 | 1221.5 | 1152.2 | 1080.3 | 1005.5 | 931.5 | 859.1 | 787.2 | 717.4 | 647.1 |
| -5°    | 1340.0 | 1275.9 | 1210.6 | 1142.7 | 1070.9 | 996.6  | 923.3 | 851.5 | 780.2 | 711.2 | 641.0 |
| -7.5°  | 1323.3 | 1259.6 | 1194.4 | 1127.4 | 1056.3 | 983.5  | 911.9 | 841.4 | 771.3 | 702.8 | 634.0 |
| -10°   | 1300.8 | 1238.8 | 1175.8 | 1108.6 | 1037.6 | 965.9  | 896.3 | 827.5 | 758.9 | 691.2 | 624.3 |
| -12.5° | 1267.8 | 1210.8 | 1151.3 | 1085.0 | 1015.3 | 945.9  | 878.4 | 810.1 | 743.0 | 676.7 | 611.7 |
| -15°   | 1231.1 | 1176.7 | 1117.1 | 1054.4 | 988.8  | 922.2  | 857.3 | 789.5 | 724.3 | 659.8 | 596.5 |
| -17.5° | 1190.8 | 1136.3 | 1077.4 | 1017.9 | 956.5  | 895.6  | 831.2 | 766.0 | 703.3 | 641.3 | 579.7 |
| -20°   | 1145.0 | 1091.4 | 1035.1 | 978.7  | 921.1  | 863.2  | 800.5 | 739.4 | 680.1 | 620.4 | 561.4 |

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

Scaled Data Report



REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°   | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1093.3 | 1043.4 | 990.7 | 937.2 | 882.7 | 826.1 | 767.5 | 710.1 | 655.0 | 596.9 | 540.6 |
| -25°   | 1037.3 | 991.7  | 942.8 | 892.8 | 841.0 | 787.1 | 732.2 | 678.9 | 625.7 | 571.6 | 517.7 |
| -27.5° | 979.1  | 936.8  | 892.6 | 845.7 | 796.8 | 746.3 | 695.3 | 644.9 | 594.0 | 543.3 | 494.2 |
| -30°   | 919.3  | 880.6  | 839.9 | 796.5 | 750.7 | 703.6 | 656.1 | 608.9 | 561.2 | 513.6 | 468.0 |
| -32.5° | 858.3  | 823.3  | 785.7 | 745.6 | 703.4 | 660.1 | 616.3 | 571.7 | 526.9 | 483.6 | 440.5 |
| -35°   | 797.7  | 765.4  | 730.6 | 693.9 | 655.5 | 615.9 | 575.1 | 533.8 | 492.8 | 452.3 | 411.9 |
| -37.5° | 736.6  | 707.2  | 675.6 | 642.0 | 607.2 | 570.9 | 533.7 | 496.0 | 457.9 | 420.5 | 383.1 |
| -40°   | 677.1  | 649.8  | 620.6 | 590.2 | 559.1 | 526.3 | 492.5 | 457.7 | 423.2 | 388.4 | 353.9 |
| -42.5° | 618.9  | 593.7  | 566.9 | 540.3 | 511.7 | 482.0 | 451.1 | 419.8 | 388.0 | 356.4 | 326.0 |
| -45°   | 560.5  | 538.0  | 514.9 | 490.6 | 464.5 | 437.9 | 410.2 | 381.9 | 352.9 | 325.5 | 297.7 |
| -47.5° | 502.3  | 484.2  | 463.5 | 441.5 | 418.6 | 394.5 | 369.9 | 343.9 | 319.9 | 295.0 | 271.3 |
| -50°   | 449.5  | 432.7  | 414.1 | 394.2 | 374.2 | 352.7 | 331.0 | 309.5 | 287.7 | 266.2 | 245.3 |
| -52.5° | 397.4  | 382.8  | 366.6 | 349.3 | 331.4 | 312.8 | 293.9 | 275.9 | 256.8 | 239.2 | 221.8 |
| -55°   | 346.9  | 334.7  | 320.8 | 305.6 | 289.8 | 275.5 | 259.9 | 244.3 | 229.6 | 214.0 | 199.6 |
| -57.5° | 299.6  | 289.2  | 278.1 | 266.3 | 253.8 | 241.5 | 229.0 | 216.1 | 203.9 | 191.1 | 178.0 |
| -60°   | 256.8  | 248.4  | 239.9 | 230.7 | 220.6 | 210.0 | 200.4 | 190.2 | 179.3 | 168.9 | 157.3 |
| -62.5° | 218.3  | 212.6  | 205.2 | 197.8 | 190.2 | 182.3 | 173.8 | 165.4 | 156.8 | 147.6 | 137.1 |
| -65°   | 181.9  | 177.5  | 172.0 | 166.9 | 161.3 | 155.1 | 148.2 | 141.4 | 134.2 | 126.4 | 117.0 |
| -67.5° | 148.8  | 145.7  | 142.0 | 138.0 | 134.0 | 129.3 | 123.9 | 118.0 | 112.1 | 105.6 | 98.2  |
| -70°   | 120.8  | 118.8  | 116.2 | 112.9 | 109.7 | 106.3 | 102.3 | 97.4  | 91.8  | 85.9  | 80.5  |
| -72.5° | 98.2   | 96.9   | 95.2  | 92.8  | 89.9  | 86.8  | 83.1  | 78.7  | 73.8  | 68.5  | 63.6  |
| -75°   | 79.6   | 79.0   | 77.9  | 75.4  | 72.4  | 69.0  | 65.4  | 61.4  | 56.7  | 51.4  | 46.8  |
| -77.5° | 63.1   | 63.1   | 62.6  | 60.0  | 57.0  | 53.8  | 50.1  | 45.6  | 41.0  | 36.4  | 32.9  |
| -80°   | 46.3   | 46.6   | 46.3  | 43.6  | 40.9  | 38.1  | 35.2  | 31.4  | 27.6  | 24.0  | 21.3  |
| -82.5° | 28.7   | 28.6   | 28.2  | 26.6  | 24.9  | 23.3  | 21.5  | 19.0  | 16.5  | 14.0  | 11.9  |
| -85°   | 13.6   | 13.1   | 12.5  | 11.9  | 11.3  | 10.7  | 10.0  | 8.7   | 7.6   | 6.6   | 5.6   |
| -87.5° | 2.3    | 2.2    | 2.2   | 2.1   | 2.1   | 2.0   | 2.0   | 1.9   | 1.8   | 1.8   | 1.7   |
| -90°   | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |





REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°  | 1.7   | 1.7   | 1.7   | 1.7   | 1.5   | 1.3   | 1.2   | 1.0   | 0.9   | 0.8   | 0.7   |
| 85°    | 5.7   | 5.5   | 5.2   | 4.7   | 3.7   | 2.7   | 2.3   | 2.0   | 1.8   | 1.6   | 1.4   |
| 82.5°  | 11.8  | 11.9  | 11.9  | 11.5  | 10.2  | 8.8   | 7.3   | 5.7   | 4.2   | 2.7   | 2.2   |
| 80°    | 21.3  | 21.1  | 20.6  | 19.6  | 17.3  | 14.8  | 12.9  | 11.0  | 9.0   | 7.0   | 5.0   |
| 77.5°  | 32.2  | 31.3  | 30.2  | 28.9  | 26.5  | 23.7  | 20.5  | 16.9  | 13.8  | 11.4  | 8.8   |
| 75°    | 44.4  | 43.0  | 41.4  | 39.2  | 36.2  | 32.7  | 29.2  | 25.0  | 20.2  | 15.8  | 12.6  |
| 72.5°  | 59.7  | 56.2  | 53.0  | 50.0  | 46.7  | 42.8  | 38.4  | 32.9  | 27.2  | 21.8  | 16.7  |
| 70°    | 75.2  | 69.9  | 65.1  | 61.0  | 57.1  | 53.0  | 48.1  | 41.4  | 34.0  | 27.6  | 21.6  |
| 67.5°  | 91.0  | 84.7  | 78.3  | 72.2  | 67.2  | 62.4  | 57.6  | 49.8  | 41.3  | 33.3  | 26.5  |
| 65°    | 108.3 | 99.9  | 91.9  | 84.3  | 77.5  | 71.5  | 65.9  | 57.7  | 48.5  | 39.5  | 31.2  |
| 62.5°  | 126.2 | 115.5 | 105.9 | 96.3  | 87.8  | 80.5  | 73.8  | 64.8  | 55.3  | 45.4  | 36.1  |
| 60°    | 145.0 | 132.8 | 120.1 | 108.9 | 98.5  | 89.3  | 81.1  | 71.7  | 61.7  | 51.1  | 40.9  |
| 57.5°  | 164.8 | 150.5 | 136.2 | 122.0 | 109.5 | 98.5  | 88.2  | 78.4  | 67.9  | 56.7  | 45.4  |
| 55°    | 184.8 | 169.4 | 152.5 | 136.6 | 121.2 | 108.1 | 95.8  | 84.7  | 74.0  | 62.3  | 49.3  |
| 52.5°  | 204.9 | 187.9 | 169.8 | 151.4 | 134.3 | 117.8 | 104.0 | 90.9  | 79.6  | 67.7  | 53.4  |
| 50°    | 225.9 | 206.4 | 187.0 | 167.1 | 147.2 | 129.1 | 112.0 | 98.0  | 85.0  | 72.8  | 57.2  |
| 47.5°  | 247.8 | 226.1 | 204.5 | 182.7 | 161.4 | 140.0 | 121.3 | 105.0 | 90.3  | 77.5  | 60.8  |
| 45°    | 271.7 | 246.4 | 222.4 | 198.9 | 174.8 | 151.8 | 130.7 | 111.6 | 96.2  | 81.1  | 64.1  |
| 42.5°  | 295.7 | 267.8 | 241.1 | 214.9 | 188.8 | 163.5 | 139.7 | 119.4 | 101.9 | 84.6  | 67.2  |
| 40°    | 321.1 | 289.3 | 259.7 | 231.2 | 202.5 | 174.6 | 149.6 | 127.0 | 107.2 | 88.2  | 70.0  |
| 37.5°  | 345.9 | 311.3 | 278.7 | 246.9 | 215.9 | 186.5 | 159.1 | 134.2 | 112.2 | 92.3  | 72.8  |
| 35°    | 372.1 | 333.4 | 296.4 | 262.6 | 229.7 | 197.9 | 168.0 | 141.4 | 118.0 | 96.2  | 75.4  |
| 32.5°  | 397.4 | 355.0 | 315.3 | 278.1 | 242.9 | 208.6 | 177.2 | 149.0 | 123.6 | 100.0 | 77.8  |
| 30°    | 422.3 | 376.8 | 333.5 | 292.8 | 255.7 | 219.9 | 186.3 | 156.1 | 129.0 | 103.7 | 80.2  |
| 27.5°  | 445.2 | 396.9 | 350.9 | 307.9 | 268.3 | 230.5 | 195.0 | 162.7 | 134.0 | 107.5 | 83.0  |
| 25°    | 466.6 | 416.2 | 368.1 | 322.5 | 279.9 | 240.7 | 203.0 | 168.9 | 139.2 | 111.5 | 85.6  |
| 22.5°  | 486.7 | 434.2 | 383.6 | 335.9 | 290.7 | 250.0 | 210.8 | 175.4 | 144.1 | 115.1 | 87.9  |
| 20°    | 504.9 | 450.4 | 397.5 | 348.1 | 301.2 | 258.8 | 218.3 | 181.2 | 148.4 | 118.5 | 90.1  |
| 17.5°  | 521.3 | 465.2 | 410.8 | 359.5 | 311.0 | 266.6 | 225.0 | 186.4 | 152.3 | 121.4 | 91.9  |
| 15°    | 536.6 | 478.6 | 422.6 | 369.5 | 319.5 | 273.5 | 230.8 | 190.8 | 155.5 | 124.0 | 93.7  |
| 12.5°  | 549.7 | 490.2 | 432.6 | 377.9 | 326.7 | 279.3 | 235.7 | 194.5 | 158.3 | 126.3 | 95.4  |
| 10°    | 560.5 | 499.7 | 440.7 | 384.9 | 332.4 | 284.0 | 239.7 | 197.7 | 160.8 | 128.3 | 96.7  |
| 7.5°   | 568.9 | 507.2 | 447.0 | 390.2 | 337.0 | 287.9 | 243.1 | 200.4 | 162.9 | 129.8 | 97.6  |
| 5°     | 575.2 | 513.0 | 452.4 | 394.7 | 341.2 | 291.1 | 245.5 | 202.3 | 164.4 | 130.9 | 98.2  |
| 2.5°   | 580.9 | 517.4 | 456.7 | 397.6 | 344.1 | 293.2 | 247.0 | 203.5 | 165.3 | 131.5 | 98.3  |
| 0°     | 584.1 | 519.5 | 459.1 | 398.8 | 345.5 | 294.1 | 247.5 | 203.9 | 165.6 | 131.5 | 98.0  |
| -2.5°  | 580.9 | 517.4 | 456.7 | 397.6 | 344.1 | 293.2 | 247.0 | 203.5 | 165.3 | 131.5 | 98.3  |
| -5°    | 575.2 | 513.0 | 452.4 | 394.7 | 341.2 | 291.1 | 245.5 | 202.3 | 164.4 | 130.9 | 98.2  |
| -7.5°  | 568.9 | 507.2 | 447.0 | 390.2 | 337.0 | 287.9 | 243.1 | 200.4 | 162.9 | 129.8 | 97.6  |
| -10°   | 560.5 | 499.7 | 440.7 | 384.9 | 332.4 | 284.0 | 239.7 | 197.7 | 160.8 | 128.3 | 96.7  |
| -12.5° | 549.7 | 490.2 | 432.6 | 377.9 | 326.7 | 279.3 | 235.7 | 194.5 | 158.3 | 126.3 | 95.4  |
| -15°   | 536.6 | 478.6 | 422.6 | 369.5 | 319.5 | 273.5 | 230.8 | 190.8 | 155.5 | 124.0 | 93.7  |
| -17.5° | 521.3 | 465.2 | 410.8 | 359.5 | 311.0 | 266.6 | 225.0 | 186.4 | 152.3 | 121.4 | 91.9  |
| -20°   | 504.9 | 450.4 | 397.5 | 348.1 | 301.2 | 258.8 | 218.3 | 181.2 | 148.4 | 118.5 | 90.1  |

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

Scaled Data Report



REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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° | 486.7 | 434.2 | 383.6 | 335.9 | 290.7 | 250.0 | 210.8 | 175.4 | 144.1 | 115.1 | 87.9  |
| -25°   | 466.6 | 416.2 | 368.1 | 322.5 | 279.9 | 240.7 | 203.0 | 168.9 | 139.2 | 111.5 | 85.6  |
| -27.5° | 445.2 | 396.9 | 350.9 | 307.9 | 268.3 | 230.5 | 195.0 | 162.7 | 134.0 | 107.5 | 83.0  |
| -30°   | 422.3 | 376.8 | 333.5 | 292.8 | 255.7 | 219.9 | 186.3 | 156.1 | 129.0 | 103.7 | 80.2  |
| -32.5° | 397.4 | 355.0 | 315.3 | 278.1 | 242.9 | 208.6 | 177.2 | 149.0 | 123.6 | 100.0 | 77.8  |
| -35°   | 372.1 | 333.4 | 296.4 | 262.6 | 229.7 | 197.9 | 168.0 | 141.4 | 118.0 | 96.2  | 75.4  |
| -37.5° | 345.9 | 311.3 | 278.7 | 246.9 | 215.9 | 186.5 | 159.1 | 134.2 | 112.2 | 92.3  | 72.8  |
| -40°   | 321.1 | 289.3 | 259.7 | 231.2 | 202.5 | 174.6 | 149.6 | 127.0 | 107.2 | 88.2  | 70.0  |
| -42.5° | 295.7 | 267.8 | 241.1 | 214.9 | 188.8 | 163.5 | 139.7 | 119.4 | 101.9 | 84.6  | 67.2  |
| -45°   | 271.7 | 246.4 | 222.4 | 198.9 | 174.8 | 151.8 | 130.7 | 111.6 | 96.2  | 81.1  | 64.1  |
| -47.5° | 247.8 | 226.1 | 204.5 | 182.7 | 161.4 | 140.0 | 121.3 | 105.0 | 90.3  | 77.5  | 60.8  |
| -50°   | 225.9 | 206.4 | 187.0 | 167.1 | 147.2 | 129.1 | 112.0 | 98.0  | 85.0  | 72.8  | 57.2  |
| -52.5° | 204.9 | 187.9 | 169.8 | 151.4 | 134.3 | 117.8 | 104.0 | 90.9  | 79.6  | 67.7  | 53.4  |
| -55°   | 184.8 | 169.4 | 152.5 | 136.6 | 121.2 | 108.1 | 95.8  | 84.7  | 74.0  | 62.3  | 49.3  |
| -57.5° | 164.8 | 150.5 | 136.2 | 122.0 | 109.5 | 98.5  | 88.2  | 78.4  | 67.9  | 56.7  | 45.4  |
| -60°   | 145.0 | 132.8 | 120.1 | 108.9 | 98.5  | 89.3  | 81.1  | 71.7  | 61.7  | 51.1  | 40.9  |
| -62.5° | 126.2 | 115.5 | 105.9 | 96.3  | 87.8  | 80.5  | 73.8  | 64.8  | 55.3  | 45.4  | 36.1  |
| -65°   | 108.3 | 99.9  | 91.9  | 84.3  | 77.5  | 71.5  | 65.9  | 57.7  | 48.5  | 39.5  | 31.2  |
| -67.5° | 91.0  | 84.7  | 78.3  | 72.2  | 67.2  | 62.4  | 57.6  | 49.8  | 41.3  | 33.3  | 26.5  |
| -70°   | 75.2  | 69.9  | 65.1  | 61.0  | 57.1  | 53.0  | 48.1  | 41.4  | 34.0  | 27.6  | 21.6  |
| -72.5° | 59.7  | 56.2  | 53.0  | 50.0  | 46.7  | 42.8  | 38.4  | 32.9  | 27.2  | 21.8  | 16.7  |
| -75°   | 44.4  | 43.0  | 41.4  | 39.2  | 36.2  | 32.7  | 29.2  | 25.0  | 20.2  | 15.8  | 12.6  |
| -77.5° | 32.2  | 31.3  | 30.2  | 28.9  | 26.5  | 23.7  | 20.5  | 16.9  | 13.8  | 11.4  | 8.8   |
| -80°   | 21.3  | 21.1  | 20.6  | 19.6  | 17.3  | 14.8  | 12.9  | 11.0  | 9.0   | 7.0   | 5.0   |
| -82.5° | 11.8  | 11.9  | 11.9  | 11.5  | 10.2  | 8.8   | 7.3   | 5.7   | 4.2   | 2.7   | 2.2   |
| -85°   | 5.7   | 5.5   | 5.2   | 4.7   | 3.7   | 2.7   | 2.3   | 2.0   | 1.8   | 1.6   | 1.4   |
| -87.5° | 1.7   | 1.7   | 1.7   | 1.7   | 1.5   | 1.3   | 1.2   | 1.0   | 0.9   | 0.8   | 0.7   |
| -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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Scaled Data Report



REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°  | 0.6  | 0.5   | 0.4  | 0.3   | 0.2 | 0.1   | 0.0 |
| 85°    | 1.2  | 1.0   | 0.8  | 0.6   | 0.4 | 0.2   | 0.0 |
| 82.5°  | 1.9  | 1.6   | 1.2  | 0.9   | 0.6 | 0.3   | 0.0 |
| 80°    | 2.8  | 2.1   | 1.7  | 1.2   | 0.8 | 0.4   | 0.0 |
| 77.5°  | 6.1  | 3.2   | 2.1  | 1.6   | 1.0 | 0.5   | 0.0 |
| 75°    | 9.3  | 5.6   | 2.7  | 1.9   | 1.2 | 0.5   | 0.0 |
| 72.5°  | 12.4 | 7.9   | 4.3  | 2.2   | 1.4 | 0.6   | 0.0 |
| 70°    | 15.4 | 10.1  | 5.8  | 2.6   | 1.6 | 0.7   | 0.0 |
| 67.5°  | 19.2 | 12.2  | 7.3  | 3.5   | 1.8 | 0.8   | 0.0 |
| 65°    | 22.8 | 14.6  | 8.7  | 4.5   | 2.0 | 0.9   | 0.0 |
| 62.5°  | 26.2 | 17.2  | 10.1 | 5.3   | 2.2 | 1.0   | 0.0 |
| 60°    | 29.3 | 19.6  | 11.3 | 6.2   | 2.3 | 1.0   | 0.0 |
| 57.5°  | 32.7 | 21.9  | 13.0 | 6.9   | 2.8 | 1.1   | 0.0 |
| 55°    | 35.9 | 24.1  | 14.6 | 7.7   | 3.2 | 1.2   | 0.0 |
| 52.5°  | 38.8 | 26.1  | 16.1 | 8.3   | 3.7 | 1.2   | 0.0 |
| 50°    | 41.5 | 28.3  | 17.5 | 9.0   | 4.1 | 1.3   | 0.0 |
| 47.5°  | 44.0 | 30.2  | 18.7 | 9.6   | 4.5 | 1.4   | 0.0 |
| 45°    | 46.8 | 32.0  | 19.8 | 10.4  | 4.9 | 1.4   | 0.0 |
| 42.5°  | 49.4 | 33.6  | 20.8 | 11.2  | 5.2 | 1.5   | 0.0 |
| 40°    | 51.8 | 35.0  | 21.8 | 11.9  | 5.6 | 1.5   | 0.0 |
| 37.5°  | 53.8 | 36.2  | 22.8 | 12.7  | 5.9 | 1.6   | 0.0 |
| 35°    | 55.7 | 37.6  | 23.7 | 13.4  | 6.2 | 1.6   | 0.0 |
| 32.5°  | 57.4 | 38.9  | 24.4 | 14.0  | 6.5 | 1.7   | 0.0 |
| 30°    | 59.2 | 40.1  | 25.0 | 14.6  | 6.7 | 1.7   | 0.0 |
| 27.5°  | 60.8 | 41.1  | 25.8 | 15.2  | 6.9 | 1.7   | 0.0 |
| 25°    | 62.2 | 41.8  | 26.6 | 15.7  | 7.1 | 1.7   | 0.0 |
| 22.5°  | 63.4 | 42.6  | 27.3 | 16.1  | 7.3 | 1.8   | 0.0 |
| 20°    | 64.4 | 43.6  | 27.9 | 16.4  | 7.5 | 1.8   | 0.0 |
| 17.5°  | 65.6 | 44.5  | 28.4 | 16.8  | 7.6 | 1.8   | 0.0 |
| 15°    | 66.9 | 45.2  | 28.9 | 17.0  | 7.7 | 1.8   | 0.0 |
| 12.5°  | 67.9 | 45.7  | 29.2 | 17.2  | 7.8 | 1.8   | 0.0 |
| 10°    | 68.7 | 45.9  | 29.4 | 17.3  | 7.8 | 1.8   | 0.0 |
| 7.5°   | 69.3 | 46.1  | 29.5 | 17.4  | 7.9 | 1.8   | 0.0 |
| 5°     | 69.6 | 46.0  | 29.5 | 17.4  | 7.9 | 1.8   | 0.0 |
| 2.5°   | 69.6 | 45.8  | 29.5 | 17.4  | 7.8 | 1.8   | 0.0 |
| 0°     | 69.3 | 45.4  | 29.3 | 17.3  | 7.8 | 1.8   | 0.0 |
| -2.5°  | 69.6 | 45.8  | 29.5 | 17.4  | 7.8 | 1.8   | 0.0 |
| -5°    | 69.6 | 46.0  | 29.5 | 17.4  | 7.9 | 1.8   | 0.0 |
| -7.5°  | 69.3 | 46.1  | 29.5 | 17.4  | 7.9 | 1.8   | 0.0 |
| -10°   | 68.7 | 45.9  | 29.4 | 17.3  | 7.8 | 1.8   | 0.0 |
| -12.5° | 67.9 | 45.7  | 29.2 | 17.2  | 7.8 | 1.8   | 0.0 |
| -15°   | 66.9 | 45.2  | 28.9 | 17.0  | 7.7 | 1.8   | 0.0 |
| -17.5° | 65.6 | 44.5  | 28.4 | 16.8  | 7.6 | 1.8   | 0.0 |
| -20°   | 64.4 | 43.6  | 27.9 | 16.4  | 7.5 | 1.8   | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626561 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 63.4 | 42.6  | 27.3 | 16.1  | 7.3 | 1.8   | 0.0 |
| -25°   | 62.2 | 41.8  | 26.6 | 15.7  | 7.1 | 1.7   | 0.0 |
| -27.5° | 60.8 | 41.1  | 25.8 | 15.2  | 6.9 | 1.7   | 0.0 |
| -30°   | 59.2 | 40.1  | 25.0 | 14.6  | 6.7 | 1.7   | 0.0 |
| -32.5° | 57.4 | 38.9  | 24.4 | 14.0  | 6.5 | 1.7   | 0.0 |
| -35°   | 55.7 | 37.6  | 23.7 | 13.4  | 6.2 | 1.6   | 0.0 |
| -37.5° | 53.8 | 36.2  | 22.8 | 12.7  | 5.9 | 1.6   | 0.0 |
| -40°   | 51.8 | 35.0  | 21.8 | 11.9  | 5.6 | 1.5   | 0.0 |
| -42.5° | 49.4 | 33.6  | 20.8 | 11.2  | 5.2 | 1.5   | 0.0 |
| -45°   | 46.8 | 32.0  | 19.8 | 10.4  | 4.9 | 1.4   | 0.0 |
| -47.5° | 44.0 | 30.2  | 18.7 | 9.6   | 4.5 | 1.4   | 0.0 |
| -50°   | 41.5 | 28.3  | 17.5 | 9.0   | 4.1 | 1.3   | 0.0 |
| -52.5° | 38.8 | 26.1  | 16.1 | 8.3   | 3.7 | 1.2   | 0.0 |
| -55°   | 35.9 | 24.1  | 14.6 | 7.7   | 3.2 | 1.2   | 0.0 |
| -57.5° | 32.7 | 21.9  | 13.0 | 6.9   | 2.8 | 1.1   | 0.0 |
| -60°   | 29.3 | 19.6  | 11.3 | 6.2   | 2.3 | 1.0   | 0.0 |
| -62.5° | 26.2 | 17.2  | 10.1 | 5.3   | 2.2 | 1.0   | 0.0 |
| -65°   | 22.8 | 14.6  | 8.7  | 4.5   | 2.0 | 0.9   | 0.0 |
| -67.5° | 19.2 | 12.2  | 7.3  | 3.5   | 1.8 | 0.8   | 0.0 |
| -70°   | 15.4 | 10.1  | 5.8  | 2.6   | 1.6 | 0.7   | 0.0 |
| -72.5° | 12.4 | 7.9   | 4.3  | 2.2   | 1.4 | 0.6   | 0.0 |
| -75°   | 9.3  | 5.6   | 2.7  | 1.9   | 1.2 | 0.5   | 0.0 |
| -77.5° | 6.1  | 3.2   | 2.1  | 1.6   | 1.0 | 0.5   | 0.0 |
| -80°   | 2.8  | 2.1   | 1.7  | 1.2   | 0.8 | 0.4   | 0.0 |
| -82.5° | 1.9  | 1.6   | 1.2  | 0.9   | 0.6 | 0.3   | 0.0 |
| -85°   | 1.2  | 1.0   | 0.8  | 0.6   | 0.4 | 0.2   | 0.0 |
| -87.5° | 0.6  | 0.5   | 0.4  | 0.3   | 0.2 | 0.1   | 0.0 |
| -90°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)