

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: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA1E-722-U-VWR-VSR-XX  
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
 Light Source: (16) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

|                   |  |                      |                 |
|-------------------|--|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                    | NEMA Type:           | 6H x 6V         |
| Luminaire Lumens: | 4308.4 lumens                          | Max Intensity:       | 3228.4 candela  |
| Efficiency:       | N/A                                    | Max Intensity Angle: | -2.5°H x -2.5°V |
| Efficacy:         | 65.1 lumens/watt                       |                      |                 |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') |                      |                 |
| Beam Angle (50%): | 63.9°H x 69.6°V                        | Field Angle (10%):   | 112.5°H x 117°V |
| Beam Lumens:      | 2492.7 lumens                          | Field Lumens:        | 4088.4 lumens   |
| Beam Efficiency:  | 57.9%                                  | Field Efficiency:    | 94.9%           |

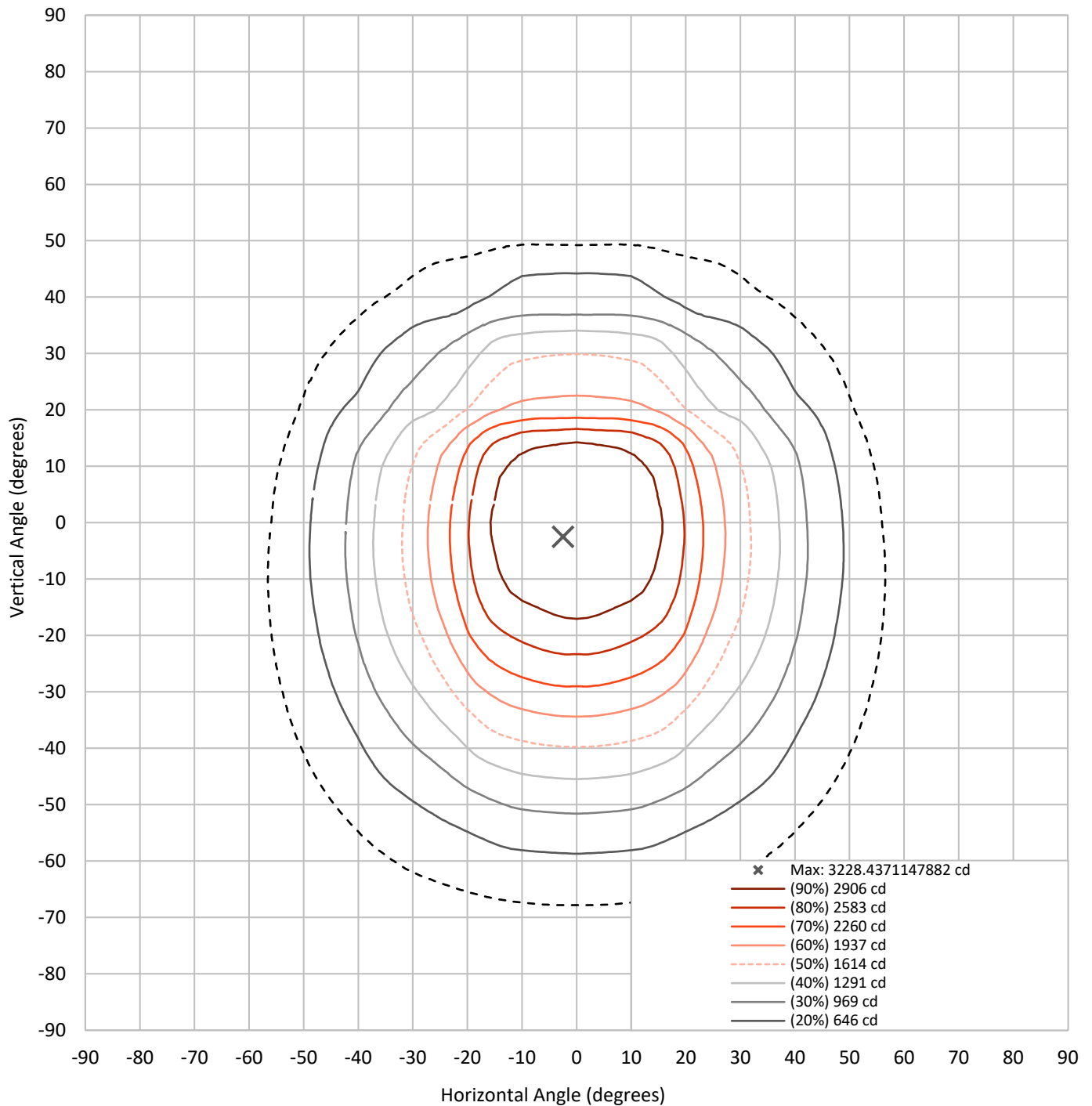
Input Watts (W): 66.2  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): NR  
 Voltage Rise (V): NR  
 Power Factor: NR  
 Total Harmonic Distortion (THDi): NR  
 Frequency (hertz): 60  
 Stabilization Time: NR  
 Operation Time: NR  
 Ambient Temperature (°C): NR  
 Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

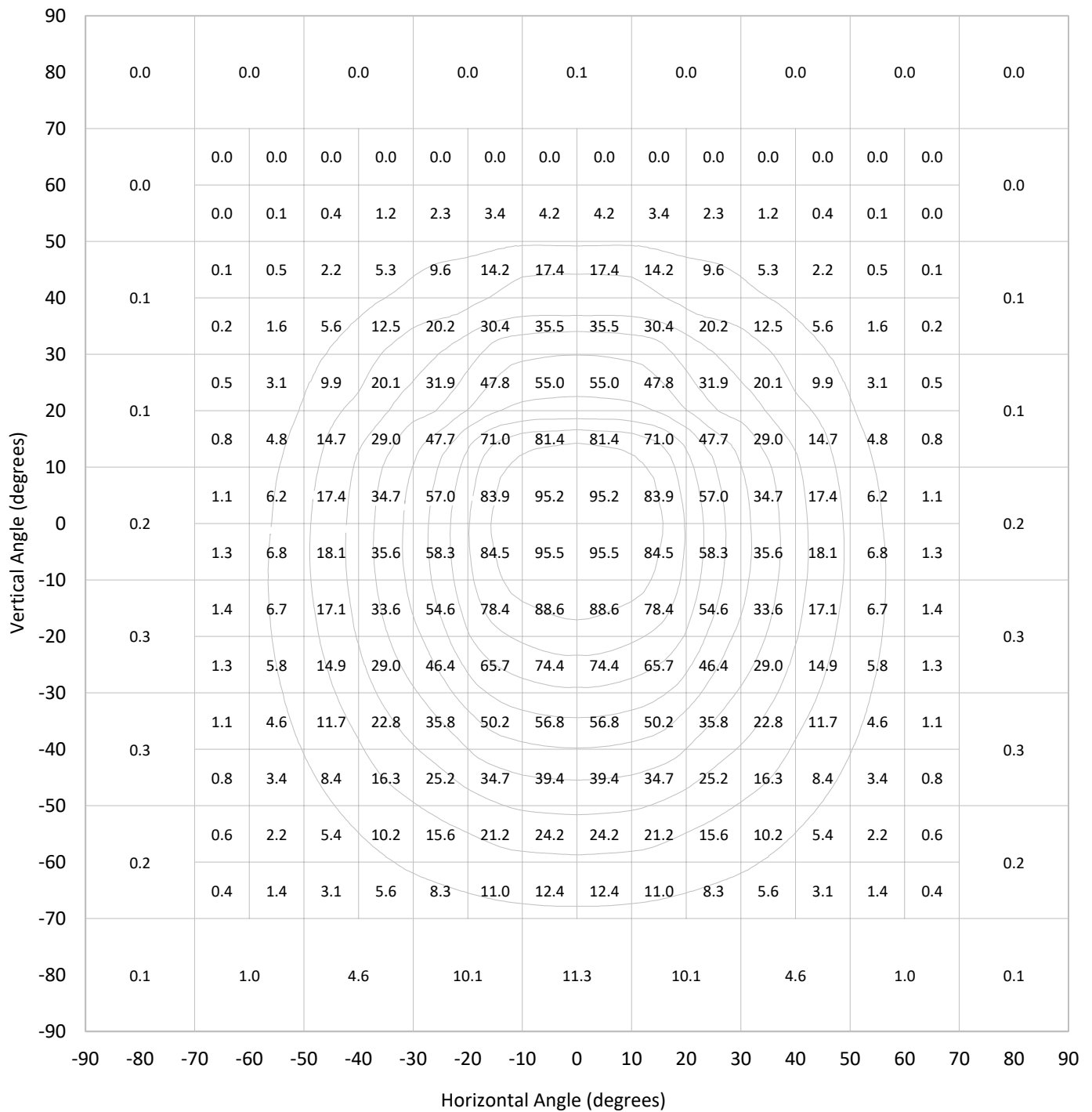
### Iso-Candela Plot





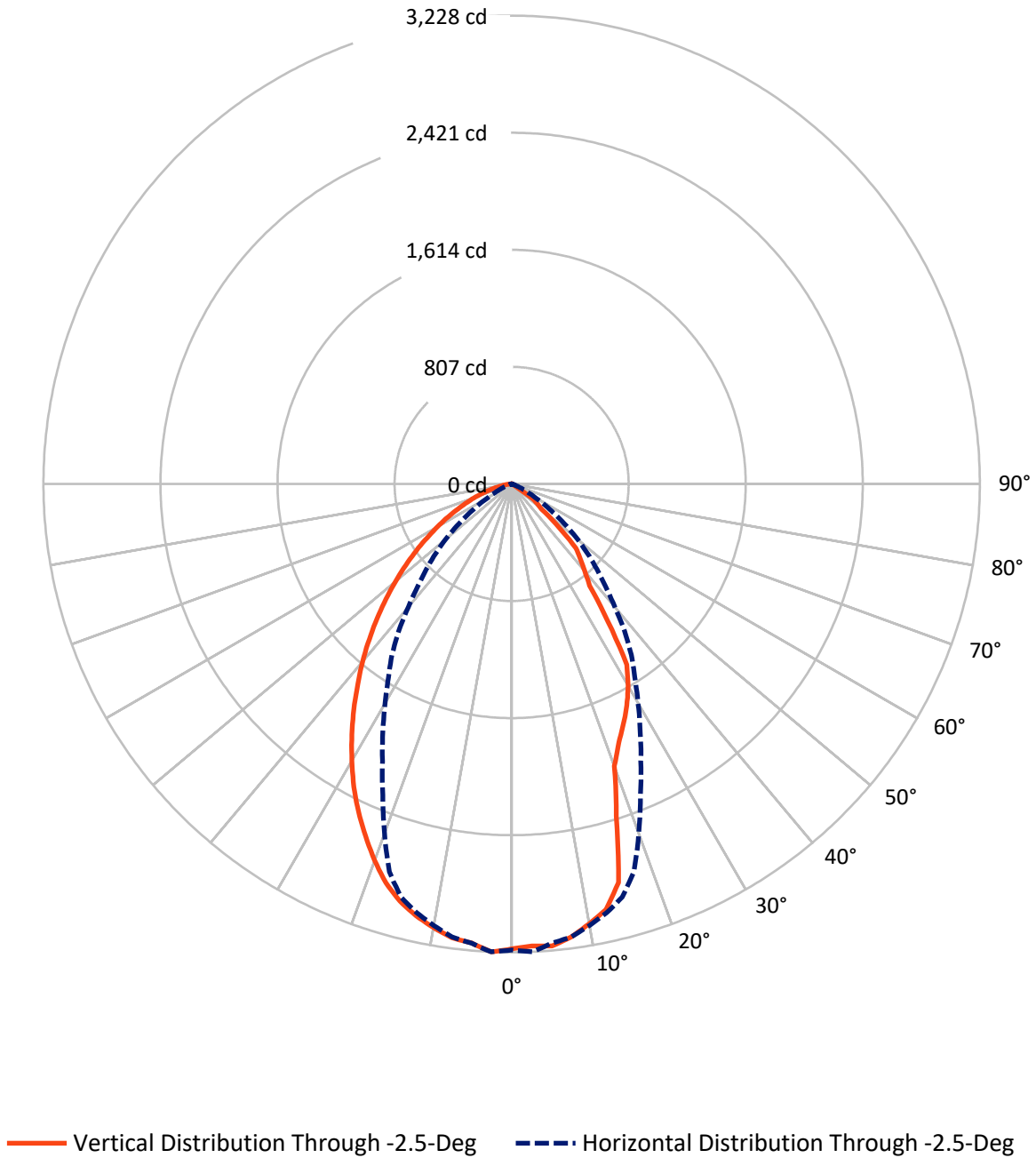
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### Lumen Table



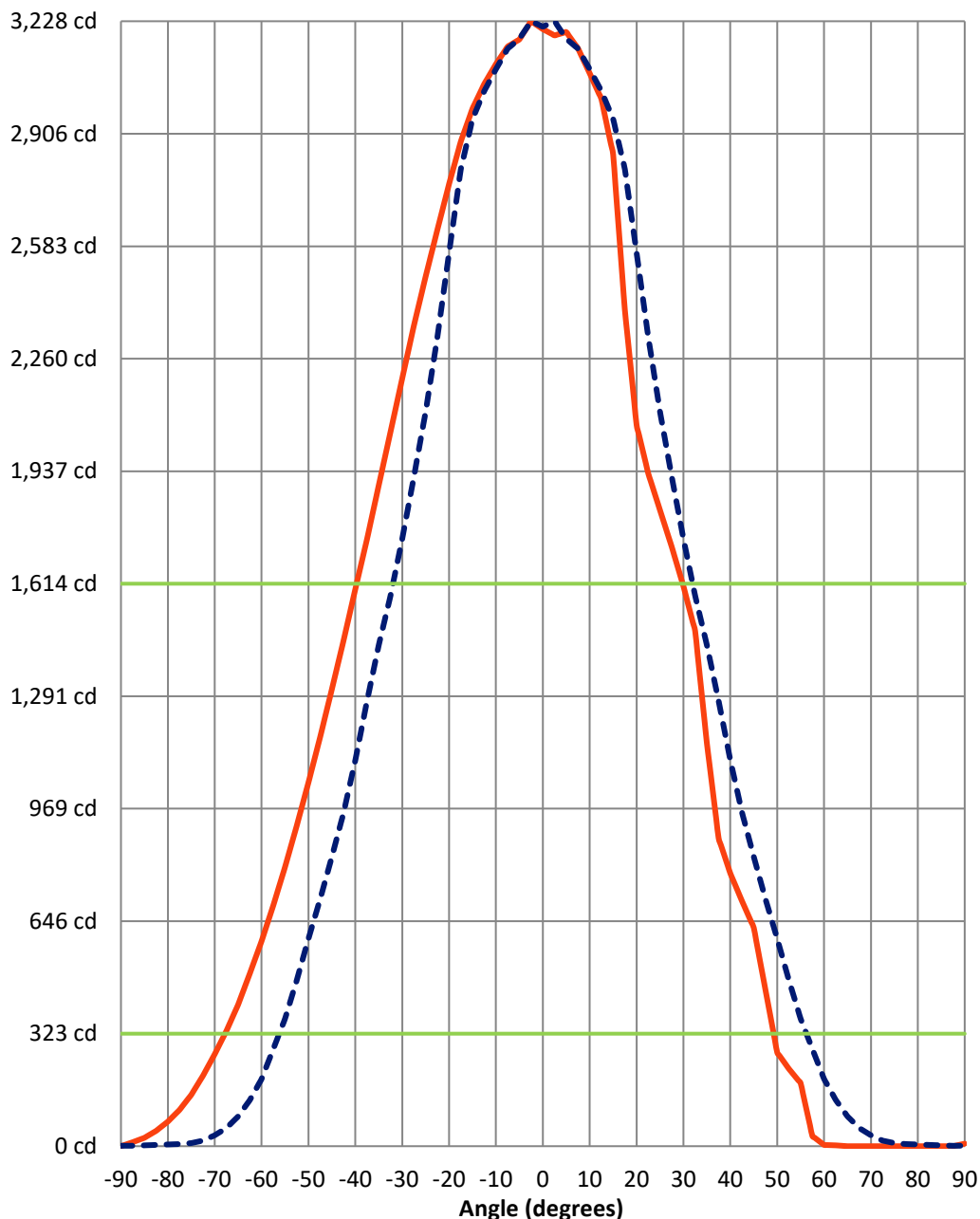
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CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 2492.7  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117°  
 Lumens: 4088.4  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 220  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - - Horizontal Distribution through -2.5-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°    | 1.2  | 1.2    | 1.2  | 1.5    | 1.8  | 2.1    | 2.4  | 2.7    | 3.0  | 3.3    | 3.6  |
| 87.5°  | 1.2  | 1.2    | 1.2  | 1.2    | 1.1  | 1.0    | 0.9  | 0.6    | 0.4  | 0.2    | 0.0  |
| 85°    | 1.2  | 1.2    | 1.2  | 1.1    | 1.0  | 0.8    | 0.6  | 0.4    | 0.2  | 0.1    | 0.0  |
| 82.5°  | 1.2  | 1.2    | 1.2  | 1.1    | 0.9  | 0.6    | 0.3  | 0.1    | 0.0  | 0.2    | 0.3  |
| 80°    | 1.2  | 1.2    | 1.2  | 1.1    | 0.8  | 0.4    | 0.1  | 0.2    | 0.4  | 0.6    | 0.8  |
| 77.5°  | 1.2  | 1.2    | 1.2  | 1.0    | 0.7  | 0.4    | 0.4  | 0.6    | 0.8  | 1.1    | 1.1  |
| 75°    | 1.2  | 1.2    | 1.2  | 1.0    | 0.7  | 0.6    | 0.7  | 0.9    | 1.2  | 1.0    | 0.6  |
| 72.5°  | 1.2  | 1.2    | 1.2  | 1.0    | 0.8  | 0.8    | 1.0  | 1.2    | 1.0  | 0.7    | 0.2  |
| 70°    | 1.2  | 1.2    | 1.2  | 1.0    | 0.9  | 1.0    | 1.2  | 1.1    | 0.9  | 0.5    | 0.5  |
| 67.5°  | 1.2  | 1.2    | 1.2  | 1.0    | 1.0  | 1.1    | 1.2  | 1.1    | 0.8  | 0.9    | 1.1  |
| 65°    | 1.2  | 1.2    | 1.2  | 1.0    | 1.0  | 1.2    | 1.3  | 1.1    | 1.2  | 1.4    | 1.5  |
| 62.5°  | 1.2  | 1.2    | 1.2  | 1.1    | 1.1  | 1.3    | 1.3  | 1.4    | 1.6  | 1.8    | 1.7  |
| 60°    | 1.2  | 1.2    | 1.2  | 1.1    | 1.2  | 1.4    | 1.4  | 1.7    | 2.0  | 2.1    | 1.9  |
| 57.5°  | 1.2  | 1.2    | 1.2  | 1.1    | 1.3  | 1.6    | 1.7  | 2.1    | 2.4  | 2.4    | 2.3  |
| 55°    | 1.2  | 1.2    | 1.2  | 1.2    | 1.4  | 1.7    | 2.0  | 2.4    | 2.7  | 2.8    | 2.9  |
| 52.5°  | 1.2  | 1.2    | 1.3  | 1.2    | 1.6  | 1.8    | 2.3  | 2.8    | 3.1  | 3.3    | 3.5  |
| 50°    | 1.2  | 1.2    | 1.3  | 1.2    | 1.7  | 2.1    | 2.6  | 3.1    | 3.6  | 3.8    | 4.0  |
| 47.5°  | 1.2  | 1.2    | 1.3  | 1.2    | 1.8  | 2.3    | 2.9  | 3.5    | 4.0  | 4.3    | 4.6  |
| 45°    | 1.2  | 1.2    | 1.3  | 1.3    | 2.0  | 2.6    | 3.2  | 3.8    | 4.4  | 4.8    | 5.2  |
| 42.5°  | 1.2  | 1.2    | 1.4  | 1.4    | 2.1  | 2.8    | 3.4  | 4.1    | 4.9  | 5.3    | 6.3  |
| 40°    | 1.2  | 1.2    | 1.4  | 1.6    | 2.3  | 3.0    | 3.7  | 4.6    | 5.3  | 5.8    | 7.5  |
| 37.5°  | 1.2  | 1.2    | 1.5  | 1.8    | 2.5  | 3.2    | 4.0  | 5.0    | 5.8  | 6.6    | 8.7  |
| 35°    | 1.2  | 1.2    | 1.5  | 1.9    | 2.6  | 3.4    | 4.2  | 5.4    | 6.4  | 8.1    | 11.1 |
| 32.5°  | 1.2  | 1.2    | 1.6  | 2.1    | 2.8  | 3.6    | 4.5  | 5.9    | 6.9  | 9.9    | 15.9 |
| 30°    | 1.2  | 1.2    | 1.6  | 2.2    | 2.9  | 3.8    | 4.9  | 6.3    | 7.5  | 11.9   | 20.5 |
| 27.5°  | 1.2  | 1.2    | 1.7  | 2.4    | 3.1  | 4.0    | 5.2  | 6.8    | 8.5  | 14.2   | 25.0 |
| 25°    | 1.2  | 1.2    | 1.8  | 2.5    | 3.3  | 4.2    | 5.6  | 7.3    | 10.2 | 17.5   | 29.4 |
| 22.5°  | 1.2  | 1.2    | 1.8  | 2.6    | 3.5  | 4.4    | 5.9  | 7.7    | 12.1 | 21.1   | 35.2 |
| 20°    | 1.2  | 1.2    | 1.9  | 2.8    | 3.7  | 4.6    | 6.3  | 8.2    | 14.0 | 24.6   | 41.0 |
| 17.5°  | 1.2  | 1.2    | 2.0  | 2.9    | 3.8  | 4.8    | 6.6  | 8.7    | 15.9 | 27.8   | 46.7 |
| 15°    | 1.2  | 1.2    | 2.0  | 3.0    | 4.0  | 5.0    | 6.9  | 9.3    | 17.9 | 30.9   | 52.2 |
| 12.5°  | 1.2  | 1.2    | 2.1  | 3.1    | 4.2  | 5.2    | 7.3  | 10.1   | 20.1 | 33.7   | 57.4 |
| 10°    | 1.2  | 1.2    | 2.2  | 3.2    | 4.3  | 5.4    | 7.5  | 11.0   | 22.4 | 37.0   | 62.7 |
| 7.5°   | 1.2  | 1.2    | 2.2  | 3.3    | 4.4  | 5.6    | 7.8  | 11.9   | 24.6 | 40.2   | 68.3 |
| 5°     | 1.2  | 1.2    | 2.3  | 3.4    | 4.6  | 5.7    | 8.0  | 12.8   | 26.6 | 43.1   | 73.4 |
| 2.5°   | 1.2  | 1.2    | 2.3  | 3.5    | 4.7  | 5.9    | 8.2  | 13.7   | 28.5 | 45.8   | 77.9 |
| 0°     | 1.2  | 1.2    | 2.4  | 3.6    | 4.8  | 6.0    | 8.4  | 14.5   | 30.1 | 48.2   | 81.9 |
| -2.5°  | 1.2  | 1.2    | 2.4  | 3.6    | 4.8  | 6.0    | 8.4  | 14.5   | 30.1 | 48.2   | 81.9 |
| -5°    | 1.2  | 1.2    | 2.4  | 3.6    | 5.0  | 6.2    | 9.3  | 17.3   | 32.3 | 55.3   | 88.4 |
| -7.5°  | 1.2  | 1.2    | 2.4  | 3.6    | 5.1  | 6.3    | 9.7  | 18.5   | 33.0 | 58.1   | 90.7 |
| -10°   | 1.2  | 1.2    | 2.4  | 3.5    | 5.1  | 6.4    | 10.0 | 19.4   | 33.6 | 60.1   | 92.4 |
| -12.5° | 1.2  | 1.2    | 2.3  | 3.5    | 5.2  | 6.5    | 10.3 | 20.2   | 34.0 | 61.1   | 93.8 |
| -15°   | 1.2  | 1.2    | 2.3  | 3.5    | 5.2  | 6.6    | 10.4 | 20.6   | 34.7 | 61.0   | 94.3 |
| -17.5° | 1.2  | 1.2    | 2.3  | 3.4    | 5.2  | 6.6    | 10.5 | 21.0   | 35.7 | 60.4   | 93.7 |
| -20°   | 1.2  | 1.2    | 2.3  | 3.4    | 5.1  | 6.7    | 10.7 | 21.5   | 36.4 | 59.3   | 91.9 |

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REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 1.2  | 1.2    | 2.2  | 3.3    | 5.1  | 6.7    | 11.4 | 21.7   | 36.7 | 57.7   | 89.0 |
| -25°   | 1.2  | 1.2    | 2.2  | 3.3    | 5.0  | 7.1    | 12.0 | 21.6   | 36.6 | 55.6   | 84.9 |
| -27.5° | 1.2  | 1.2    | 2.1  | 3.2    | 4.9  | 7.7    | 12.4 | 21.3   | 36.1 | 53.9   | 81.8 |
| -30°   | 1.2  | 1.2    | 2.1  | 3.1    | 4.7  | 8.2    | 12.7 | 20.7   | 35.4 | 53.1   | 78.4 |
| -32.5° | 1.2  | 1.2    | 2.0  | 3.0    | 4.9  | 8.6    | 12.9 | 20.7   | 34.5 | 51.8   | 74.5 |
| -35°   | 1.2  | 1.2    | 2.0  | 2.9    | 5.1  | 8.9    | 13.2 | 20.8   | 33.3 | 49.9   | 70.2 |
| -37.5° | 1.2  | 1.2    | 1.9  | 2.9    | 5.1  | 9.1    | 13.6 | 20.7   | 31.8 | 47.5   | 68.3 |
| -40°   | 1.2  | 1.2    | 1.8  | 2.8    | 5.2  | 9.2    | 13.8 | 20.5   | 29.9 | 45.1   | 66.2 |
| -42.5° | 1.2  | 1.2    | 1.8  | 2.7    | 5.2  | 9.2    | 13.9 | 20.0   | 28.8 | 43.3   | 62.9 |
| -45°   | 1.2  | 1.2    | 1.7  | 2.7    | 5.2  | 9.1    | 13.8 | 19.6   | 28.0 | 41.0   | 58.8 |
| -47.5° | 1.2  | 1.2    | 1.6  | 2.7    | 5.2  | 9.0    | 13.6 | 19.3   | 27.0 | 38.2   | 55.5 |
| -50°   | 1.2  | 1.2    | 1.5  | 2.7    | 5.1  | 8.8    | 13.3 | 18.8   | 26.3 | 37.2   | 51.6 |
| -52.5° | 1.2  | 1.2    | 1.5  | 2.6    | 5.0  | 8.5    | 12.9 | 18.2   | 25.6 | 35.9   | 47.5 |
| -55°   | 1.2  | 1.2    | 1.4  | 2.5    | 4.7  | 8.2    | 12.5 | 17.3   | 24.8 | 34.3   | 45.5 |
| -57.5° | 1.2  | 1.2    | 1.3  | 2.4    | 4.5  | 7.7    | 11.9 | 16.6   | 23.6 | 32.6   | 43.2 |
| -60°   | 1.2  | 1.2    | 1.2  | 2.3    | 4.2  | 7.2    | 11.3 | 15.8   | 22.1 | 30.5   | 40.5 |
| -62.5° | 1.2  | 1.2    | 1.2  | 2.2    | 3.9  | 6.6    | 10.4 | 14.7   | 20.3 | 28.2   | 37.3 |
| -65°   | 1.2  | 1.2    | 1.2  | 2.1    | 3.7  | 5.9    | 9.3  | 13.4   | 18.1 | 25.0   | 33.8 |
| -67.5° | 1.2  | 1.2    | 1.2  | 1.9    | 3.4  | 5.3    | 8.2  | 11.7   | 15.5 | 21.3   | 29.0 |
| -70°   | 1.2  | 1.2    | 1.2  | 1.7    | 3.1  | 4.8    | 7.0  | 10.0   | 13.3 | 17.2   | 23.5 |
| -72.5° | 1.2  | 1.2    | 1.2  | 1.7    | 2.7  | 4.3    | 6.1  | 8.1    | 10.9 | 14.2   | 17.9 |
| -75°   | 1.2  | 1.2    | 1.2  | 1.7    | 2.4  | 3.7    | 5.4  | 6.8    | 8.5  | 11.2   | 14.2 |
| -77.5° | 1.2  | 1.2    | 1.2  | 1.7    | 2.3  | 3.1    | 4.5  | 5.8    | 7.0  | 8.4    | 10.4 |
| -80°   | 1.2  | 1.2    | 1.2  | 1.6    | 2.2  | 2.8    | 3.7  | 4.6    | 5.7  | 6.8    | 8.0  |
| -82.5° | 1.2  | 1.2    | 1.2  | 1.6    | 2.1  | 2.7    | 3.3  | 3.8    | 4.3  | 5.1    | 6.0  |
| -85°   | 1.2  | 1.2    | 1.2  | 1.6    | 2.0  | 2.5    | 3.0  | 3.4    | 3.8  | 4.2    | 4.6  |
| -87.5° | 1.2  | 1.2    | 1.2  | 1.5    | 1.9  | 2.3    | 2.7  | 3.1    | 3.4  | 3.8    | 4.1  |
| -90°   | 1.2  | 1.2    | 1.2  | 1.2    | 1.2  | 1.2    | 1.2  | 0.9    | 0.6  | 0.3    | 0.0  |





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**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°  | -42.5° | -40°   | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|
| 90°    | 3.6    | 3.6   | 3.6    | 3.6   | 3.6    | 3.6   | 3.6    | 3.6   | 3.9    | 4.2    | 4.5    |
| 87.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    |
| 85°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    |
| 82.5°  | 0.4    | 0.3   | 0.2    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    |
| 80°    | 0.8    | 0.6   | 0.3    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    |
| 77.5°  | 0.7    | 0.3   | 0.1    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    |
| 75°    | 0.3    | 0.0   | 0.1    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    |
| 72.5°  | 0.2    | 0.3   | 0.3    | 0.1   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    |
| 70°    | 0.7    | 0.7   | 0.5    | 0.2   | 0.0    | 0.1   | 0.2    | 0.1   | 0.0    | 0.1    | 0.2    |
| 67.5°  | 1.1    | 0.8   | 0.5    | 0.3   | 0.5    | 0.6   | 0.6    | 0.6   | 0.7    | 0.7    | 0.6    |
| 65°    | 1.2    | 0.9   | 0.9    | 1.0   | 1.2    | 1.3   | 1.4    | 1.5   | 1.2    | 1.1    | 1.1    |
| 62.5°  | 1.2    | 1.4   | 1.6    | 1.8   | 1.9    | 2.1   | 2.1    | 1.9   | 1.4    | 1.8    | 2.0    |
| 60°    | 1.8    | 2.0   | 2.2    | 2.5   | 2.7    | 2.8   | 2.7    | 2.7   | 3.0    | 3.5    | 6.8    |
| 57.5°  | 2.4    | 2.6   | 2.9    | 3.2   | 3.6    | 3.6   | 3.7    | 4.1   | 9.5    | 15.6   | 17.2   |
| 55°    | 3.0    | 3.2   | 3.7    | 4.3   | 4.6    | 4.6   | 6.6    | 13.9  | 21.0   | 29.2   | 32.2   |
| 52.5°  | 3.7    | 3.9   | 4.8    | 5.5   | 5.9    | 9.3   | 16.7   | 26.7  | 37.2   | 46.5   | 58.5   |
| 50°    | 4.3    | 5.1   | 6.0    | 7.1   | 11.3   | 20.0  | 30.9   | 44.5  | 60.3   | 75.1   | 90.4   |
| 47.5°  | 5.3    | 6.4   | 7.8    | 11.2  | 22.3   | 34.4  | 49.5   | 71.3  | 90.8   | 108.8  | 129.7  |
| 45°    | 6.6    | 8.9   | 10.4   | 22.2  | 35.1   | 50.7  | 76.2   | 102.9 | 120.6  | 144.7  | 181.6  |
| 42.5°  | 7.9    | 12.3  | 19.9   | 33.5  | 49.3   | 74.4  | 106.0  | 128.8 | 152.3  | 191.3  | 230.2  |
| 40°    | 11.4   | 16.5  | 30.0   | 46.2  | 66.3   | 102.8 | 135.3  | 161.0 | 193.1  | 236.4  | 277.0  |
| 37.5°  | 15.6   | 25.2  | 40.4   | 59.8  | 92.8   | 132.8 | 167.6  | 204.4 | 241.3  | 282.1  | 357.4  |
| 35°    | 20.3   | 33.3  | 53.5   | 79.7  | 119.4  | 166.2 | 207.7  | 248.8 | 291.3  | 371.7  | 446.3  |
| 32.5°  | 26.5   | 40.8  | 67.2   | 102.8 | 148.1  | 199.5 | 247.6  | 295.2 | 363.4  | 454.3  | 529.3  |
| 30°    | 33.1   | 52.7  | 82.9   | 124.2 | 175.1  | 230.0 | 287.9  | 345.4 | 435.7  | 510.9  | 592.3  |
| 27.5°  | 40.0   | 65.4  | 101.4  | 146.5 | 200.5  | 258.8 | 324.1  | 406.2 | 486.7  | 561.0  | 650.4  |
| 25°    | 47.1   | 78.5  | 118.3  | 167.9 | 225.4  | 289.9 | 365.0  | 465.0 | 527.9  | 610.1  | 703.4  |
| 22.5°  | 56.2   | 91.1  | 135.0  | 187.3 | 248.5  | 321.8 | 417.7  | 518.0 | 592.1  | 661.3  | 752.4  |
| 20°    | 66.7   | 105.2 | 153.2  | 211.6 | 271.1  | 353.1 | 470.0  | 575.6 | 662.8  | 741.9  | 825.6  |
| 17.5°  | 76.5   | 118.5 | 172.6  | 236.4 | 304.0  | 393.1 | 521.3  | 638.2 | 734.2  | 822.3  | 926.8  |
| 15°    | 85.6   | 130.7 | 191.7  | 259.8 | 336.3  | 438.9 | 567.4  | 695.7 | 805.3  | 904.5  | 1023.2 |
| 12.5°  | 93.9   | 141.9 | 210.0  | 281.7 | 366.8  | 478.4 | 606.1  | 731.3 | 851.8  | 981.0  | 1115.7 |
| 10°    | 101.4  | 151.9 | 227.4  | 302.0 | 395.0  | 511.8 | 638.0  | 761.0 | 882.5  | 1019.3 | 1169.0 |
| 7.5°   | 109.5  | 161.4 | 243.1  | 320.4 | 420.7  | 539.4 | 663.6  | 784.9 | 907.4  | 1049.9 | 1203.6 |
| 5°     | 116.9  | 170.0 | 255.6  | 333.6 | 440.6  | 560.9 | 682.8  | 803.0 | 926.3  | 1072.7 | 1229.8 |
| 2.5°   | 123.5  | 177.3 | 265.8  | 343.9 | 455.3  | 576.8 | 695.3  | 818.0 | 940.2  | 1091.3 | 1249.8 |
| 0°     | 129.0  | 183.2 | 273.6  | 351.9 | 466.4  | 588.1 | 702.6  | 827.9 | 948.4  | 1103.9 | 1263.0 |
| -2.5°  | 132.5  | 192.9 | 278.9  | 365.8 | 476.1  | 595.5 | 709.2  | 830.7 | 957.2  | 1107.9 | 1277.8 |
| -5°    | 135.0  | 200.7 | 282.2  | 376.5 | 482.5  | 598.8 | 711.4  | 828.6 | 959.6  | 1106.9 | 1279.9 |
| -7.5°  | 136.4  | 206.2 | 283.7  | 382.5 | 484.7  | 596.8 | 707.7  | 824.5 | 955.7  | 1103.1 | 1270.4 |
| -10°   | 137.3  | 207.9 | 285.7  | 380.7 | 481.8  | 590.4 | 699.5  | 814.9 | 944.8  | 1090.8 | 1252.2 |
| -12.5° | 139.5  | 206.8 | 285.3  | 376.7 | 475.4  | 580.6 | 687.4  | 799.7 | 926.6  | 1069.7 | 1227.1 |
| -15°   | 140.1  | 204.3 | 281.9  | 370.7 | 465.7  | 567.9 | 671.6  | 778.9 | 904.1  | 1049.2 | 1199.3 |
| -17.5° | 138.8  | 200.6 | 275.2  | 363.1 | 452.8  | 552.4 | 653.0  | 760.2 | 883.1  | 1025.6 | 1170.1 |
| -20°   | 135.6  | 195.8 | 265.1  | 354.1 | 437.4  | 535.2 | 634.3  | 740.6 | 858.9  | 992.9  | 1137.4 |

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

Scaled Data Report



REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°  | -42.5° | -40°  | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 130.3  | 189.9 | 254.2  | 341.5 | 424.1  | 515.4 | 612.4  | 713.9 | 828.5  | 950.4 | 1093.5 |
| -25°   | 124.9  | 183.3 | 245.6  | 324.3 | 408.1  | 492.4 | 587.3  | 681.2 | 792.8  | 912.5 | 1039.5 |
| -27.5° | 119.7  | 174.0 | 236.7  | 305.4 | 389.3  | 467.8 | 558.8  | 650.4 | 752.8  | 870.0 | 987.0  |
| -30°   | 112.9  | 164.0 | 225.8  | 287.2 | 366.7  | 444.6 | 527.1  | 617.2 | 709.3  | 820.6 | 935.7  |
| -32.5° | 107.0  | 153.6 | 213.4  | 273.4 | 342.5  | 418.5 | 493.0  | 578.8 | 668.7  | 763.6 | 877.3  |
| -35°   | 103.0  | 147.4 | 200.2  | 257.4 | 317.8  | 390.1 | 461.0  | 535.5 | 622.5  | 711.6 | 811.4  |
| -37.5° | 99.7   | 140.4 | 186.3  | 240.8 | 298.3  | 360.2 | 426.6  | 495.2 | 571.1  | 660.9 | 754.8  |
| -40°   | 94.6   | 132.4 | 176.1  | 224.9 | 275.6  | 332.0 | 393.6  | 455.7 | 521.5  | 609.2 | 701.8  |
| -42.5° | 88.1   | 124.7 | 166.4  | 207.7 | 254.0  | 305.4 | 360.2  | 418.7 | 481.9  | 558.1 | 643.2  |
| -45°   | 83.1   | 114.8 | 155.6  | 192.6 | 230.9  | 278.0 | 329.4  | 382.4 | 442.0  | 507.5 | 583.9  |
| -47.5° | 76.8   | 104.1 | 141.6  | 176.1 | 209.9  | 250.0 | 297.1  | 347.2 | 400.1  | 459.0 | 521.7  |
| -50°   | 69.9   | 95.2  | 124.4  | 158.0 | 190.2  | 223.6 | 263.7  | 310.1 | 358.0  | 409.4 | 465.3  |
| -52.5° | 64.8   | 84.8  | 111.4  | 139.3 | 170.1  | 200.3 | 234.5  | 274.3 | 317.1  | 360.0 | 409.2  |
| -55°   | 58.9   | 77.1  | 99.0   | 124.1 | 150.2  | 178.2 | 209.3  | 244.2 | 279.1  | 318.5 | 357.8  |
| -57.5° | 54.8   | 69.7  | 88.7   | 110.5 | 134.0  | 157.8 | 187.1  | 216.5 | 248.9  | 281.5 | 314.1  |
| -60°   | 51.6   | 63.3  | 79.0   | 98.2  | 119.1  | 141.4 | 165.5  | 192.7 | 220.5  | 247.1 | 275.3  |
| -62.5° | 47.9   | 58.0  | 70.4   | 86.0  | 104.9  | 124.3 | 145.5  | 168.9 | 194.0  | 216.4 | 238.2  |
| -65°   | 43.1   | 51.9  | 62.5   | 75.3  | 90.1   | 106.5 | 124.6  | 144.2 | 166.0  | 184.2 | 202.0  |
| -67.5° | 37.7   | 45.1  | 54.0   | 64.4  | 76.8   | 89.5  | 102.8  | 119.4 | 137.1  | 151.9 | 166.4  |
| -70°   | 30.8   | 37.7  | 44.9   | 53.4  | 63.1   | 74.0  | 85.6   | 97.7  | 109.8  | 121.9 | 135.2  |
| -72.5° | 23.6   | 29.8  | 36.0   | 42.0  | 49.8   | 58.6  | 68.2   | 78.3  | 88.8   | 99.2  | 109.3  |
| -75°   | 18.0   | 22.0  | 27.4   | 32.8  | 38.2   | 44.0  | 50.4   | 58.5  | 68.3   | 78.3  | 87.6   |
| -77.5° | 13.5   | 17.0  | 20.5   | 24.3  | 27.7   | 31.9  | 36.6   | 41.6  | 49.7   | 59.0  | 68.3   |
| -80°   | 9.8    | 11.8  | 14.7   | 17.7  | 20.1   | 22.4  | 24.9   | 27.4  | 33.4   | 40.9  | 48.9   |
| -82.5° | 7.2    | 8.6   | 10.2   | 12.0  | 13.2   | 14.4  | 15.7   | 17.4  | 21.8   | 26.9  | 32.2   |
| -85°   | 5.0    | 5.4   | 6.2    | 7.2   | 7.9    | 8.6   | 9.3    | 10.0  | 12.4   | 15.1  | 18.0   |
| -87.5° | 4.3    | 4.5   | 4.7    | 5.0   | 5.1    | 5.1   | 5.2    | 5.3   | 6.1    | 6.9   | 7.8    |
| -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: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°    | 4.8    | 5.1    | 5.4    | 5.7    | 6.0    | 6.3    | 6.6    | 6.9    | 7.2    | 7.2    | 7.2    |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 75°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 72.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70°    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 67.5°  | 0.5    | 0.6    | 0.6    | 0.5    | 0.2    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 65°    | 1.3    | 1.2    | 0.9    | 0.6    | 0.3    | 0.5    | 0.7    | 0.9    | 0.9    | 0.8    | 0.6    |
| 62.5°  | 1.9    | 1.7    | 1.6    | 1.8    | 2.2    | 2.5    | 2.4    | 2.3    | 2.1    | 2.0    | 2.1    |
| 60°    | 7.1    | 4.7    | 5.5    | 6.9    | 6.4    | 4.4    | 7.2    | 8.2    | 7.0    | 4.8    | 4.6    |
| 57.5°  | 18.1   | 17.5   | 20.0   | 29.2   | 32.1   | 29.2   | 34.9   | 42.4   | 42.2   | 36.3   | 36.1   |
| 55°    | 38.5   | 51.6   | 67.5   | 70.1   | 81.1   | 103.2  | 120.5  | 112.9  | 112.9  | 118.6  | 136.9  |
| 52.5°  | 73.1   | 85.5   | 90.1   | 102.5  | 125.5  | 142.3  | 153.1  | 164.3  | 176.5  | 188.9  | 201.6  |
| 50°    | 107.3  | 119.3  | 133.0  | 145.6  | 177.6  | 194.8  | 191.9  | 215.0  | 244.6  | 263.0  | 272.5  |
| 47.5°  | 157.4  | 176.3  | 205.2  | 250.5  | 274.4  | 291.6  | 313.1  | 339.2  | 373.1  | 419.0  | 454.4  |
| 45°    | 216.3  | 246.2  | 290.9  | 339.1  | 376.1  | 392.9  | 417.5  | 457.9  | 511.9  | 564.5  | 602.9  |
| 42.5°  | 264.6  | 305.5  | 356.0  | 402.0  | 432.1  | 459.8  | 491.6  | 525.8  | 587.6  | 643.7  | 688.1  |
| 40°    | 327.4  | 359.3  | 415.9  | 459.3  | 486.3  | 513.8  | 564.2  | 615.3  | 673.5  | 725.7  | 762.1  |
| 37.5°  | 407.2  | 443.0  | 501.9  | 551.0  | 577.0  | 586.7  | 672.3  | 743.5  | 790.8  | 857.5  | 879.4  |
| 35°    | 492.8  | 551.9  | 626.9  | 690.5  | 716.0  | 767.0  | 855.2  | 954.5  | 1062.0 | 1101.6 | 1135.4 |
| 32.5°  | 588.4  | 661.3  | 763.1  | 831.3  | 867.7  | 945.0  | 1056.6 | 1162.6 | 1303.3 | 1379.7 | 1402.5 |
| 30°    | 675.8  | 759.4  | 847.0  | 913.3  | 975.5  | 1068.6 | 1170.4 | 1301.1 | 1431.2 | 1528.8 | 1559.1 |
| 27.5°  | 739.9  | 832.5  | 916.6  | 978.7  | 1049.0 | 1149.3 | 1276.3 | 1408.6 | 1536.3 | 1635.9 | 1671.3 |
| 25°    | 801.1  | 905.8  | 972.4  | 1044.6 | 1127.1 | 1236.4 | 1377.1 | 1524.2 | 1650.0 | 1734.1 | 1777.5 |
| 22.5°  | 870.7  | 974.0  | 1045.5 | 1106.6 | 1214.5 | 1340.5 | 1471.1 | 1637.2 | 1770.5 | 1837.6 | 1884.7 |
| 20°    | 942.6  | 1059.4 | 1169.9 | 1226.8 | 1320.1 | 1479.7 | 1625.8 | 1782.7 | 1911.4 | 1981.3 | 2030.9 |
| 17.5°  | 1042.9 | 1191.8 | 1327.2 | 1407.8 | 1507.7 | 1698.5 | 1880.9 | 2039.6 | 2218.6 | 2281.8 | 2342.4 |
| 15°    | 1148.7 | 1320.9 | 1479.6 | 1607.2 | 1736.3 | 1925.4 | 2160.2 | 2351.7 | 2555.9 | 2647.1 | 2750.2 |
| 12.5°  | 1254.1 | 1417.1 | 1560.9 | 1725.5 | 1907.4 | 2074.6 | 2298.2 | 2536.6 | 2722.0 | 2838.3 | 2907.7 |
| 10°    | 1332.9 | 1484.3 | 1622.7 | 1787.6 | 1969.2 | 2158.4 | 2380.5 | 2625.0 | 2819.0 | 2918.2 | 2974.9 |
| 7.5°   | 1375.5 | 1520.4 | 1666.3 | 1833.5 | 2014.2 | 2215.7 | 2444.6 | 2687.1 | 2885.5 | 2981.6 | 3037.6 |
| 5°     | 1407.0 | 1546.2 | 1697.3 | 1873.3 | 2056.1 | 2260.4 | 2489.0 | 2728.6 | 2909.5 | 3011.7 | 3082.4 |
| 2.5°   | 1426.2 | 1562.6 | 1717.0 | 1899.0 | 2082.3 | 2295.0 | 2534.7 | 2783.1 | 2941.3 | 3023.5 | 3088.6 |
| 0°     | 1431.7 | 1569.1 | 1728.2 | 1912.6 | 2100.6 | 2315.1 | 2552.5 | 2798.3 | 2958.6 | 3038.2 | 3104.4 |
| -2.5°  | 1438.0 | 1579.4 | 1742.9 | 1921.3 | 2107.7 | 2321.6 | 2564.0 | 2803.5 | 2947.7 | 3027.9 | 3091.0 |
| -5°    | 1433.6 | 1580.2 | 1743.2 | 1914.1 | 2101.7 | 2313.9 | 2546.5 | 2770.6 | 2921.4 | 3008.1 | 3070.8 |
| -7.5°  | 1420.6 | 1569.3 | 1730.6 | 1894.9 | 2078.9 | 2293.5 | 2525.2 | 2740.9 | 2893.7 | 2985.2 | 3053.8 |
| -10°   | 1401.8 | 1546.1 | 1708.5 | 1874.9 | 2056.7 | 2261.0 | 2489.1 | 2703.5 | 2849.7 | 2946.9 | 3026.8 |
| -12.5° | 1380.8 | 1522.2 | 1678.7 | 1838.3 | 2018.1 | 2219.9 | 2440.9 | 2643.9 | 2789.2 | 2895.2 | 2952.3 |
| -15°   | 1349.8 | 1491.1 | 1640.7 | 1795.1 | 1970.4 | 2166.1 | 2377.2 | 2572.0 | 2714.7 | 2801.0 | 2864.1 |
| -17.5° | 1310.4 | 1449.0 | 1590.9 | 1737.2 | 1902.5 | 2095.2 | 2307.6 | 2499.6 | 2616.0 | 2693.0 | 2755.1 |
| -20°   | 1268.2 | 1396.3 | 1530.7 | 1668.8 | 1829.0 | 2020.0 | 2228.5 | 2396.0 | 2505.7 | 2579.7 | 2638.3 |

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Scaled Data Report



REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1219.9 | 1343.4 | 1466.3 | 1598.4 | 1755.4 | 1930.5 | 2114.8 | 2276.6 | 2394.5 | 2461.9 | 2516.1 |
| -25°   | 1164.9 | 1285.0 | 1401.7 | 1529.3 | 1673.5 | 1830.9 | 2002.3 | 2161.3 | 2266.9 | 2338.5 | 2392.2 |
| -27.5° | 1105.6 | 1218.4 | 1332.5 | 1447.0 | 1576.7 | 1733.5 | 1892.2 | 2039.9 | 2130.1 | 2202.2 | 2256.3 |
| -30°   | 1046.3 | 1147.8 | 1253.4 | 1361.8 | 1483.5 | 1624.9 | 1773.3 | 1897.6 | 1992.6 | 2062.7 | 2112.9 |
| -32.5° | 982.2  | 1078.5 | 1172.0 | 1273.4 | 1388.0 | 1512.6 | 1642.8 | 1761.0 | 1862.6 | 1926.8 | 1969.1 |
| -35°   | 916.5  | 1009.7 | 1095.3 | 1187.3 | 1288.4 | 1395.9 | 1516.1 | 1632.7 | 1733.0 | 1783.8 | 1825.1 |
| -37.5° | 848.1  | 941.0  | 1022.2 | 1099.0 | 1186.1 | 1285.6 | 1402.7 | 1514.0 | 1600.6 | 1644.3 | 1681.5 |
| -40°   | 788.5  | 870.4  | 943.5  | 1017.0 | 1087.8 | 1176.2 | 1285.5 | 1393.2 | 1462.7 | 1505.2 | 1539.7 |
| -42.5° | 730.7  | 799.8  | 859.6  | 925.6  | 996.4  | 1083.6 | 1171.7 | 1262.1 | 1318.0 | 1365.2 | 1401.5 |
| -45°   | 663.5  | 725.2  | 781.2  | 836.1  | 900.7  | 980.3  | 1060.4 | 1132.7 | 1185.1 | 1230.7 | 1266.1 |
| -47.5° | 589.1  | 648.6  | 703.1  | 752.1  | 812.2  | 878.5  | 946.0  | 1006.2 | 1057.9 | 1103.0 | 1134.6 |
| -50°   | 519.7  | 572.9  | 626.1  | 675.7  | 727.7  | 781.4  | 836.1  | 889.0  | 938.0  | 981.9  | 1008.8 |
| -52.5° | 457.6  | 506.7  | 553.2  | 596.6  | 642.1  | 687.4  | 732.7  | 781.1  | 826.3  | 867.8  | 889.2  |
| -55°   | 401.3  | 445.6  | 487.6  | 524.1  | 560.7  | 596.7  | 635.5  | 680.2  | 721.7  | 760.2  | 775.5  |
| -57.5° | 350.9  | 388.8  | 425.9  | 456.8  | 486.6  | 515.2  | 549.3  | 587.1  | 623.5  | 656.4  | 669.0  |
| -60°   | 304.5  | 334.6  | 365.6  | 393.0  | 419.0  | 443.5  | 473.3  | 503.6  | 533.1  | 558.0  | 568.7  |
| -62.5° | 261.8  | 287.5  | 311.0  | 333.3  | 355.3  | 377.4  | 401.4  | 425.5  | 449.3  | 468.5  | 478.1  |
| -65°   | 220.6  | 241.1  | 260.0  | 278.3  | 296.1  | 314.7  | 333.5  | 351.8  | 369.4  | 383.1  | 391.4  |
| -67.5° | 182.0  | 197.5  | 212.5  | 226.8  | 241.7  | 256.7  | 271.4  | 285.5  | 298.7  | 309.3  | 317.3  |
| -70°   | 147.7  | 159.8  | 171.5  | 183.3  | 195.7  | 207.4  | 218.5  | 229.0  | 238.9  | 246.5  | 252.7  |
| -72.5° | 119.1  | 128.9  | 139.0  | 149.6  | 159.6  | 168.4  | 176.4  | 184.0  | 191.4  | 195.7  | 198.9  |
| -75°   | 96.0   | 104.2  | 113.0  | 121.6  | 130.0  | 136.7  | 142.5  | 148.2  | 153.6  | 153.9  | 152.8  |
| -77.5° | 77.5   | 84.9   | 91.7   | 98.5   | 105.2  | 109.3  | 112.8  | 116.5  | 120.2  | 118.1  | 114.7  |
| -80°   | 56.9   | 63.0   | 68.8   | 74.7   | 80.5   | 82.9   | 84.6   | 86.1   | 87.3   | 84.5   | 81.0   |
| -82.5° | 37.8   | 41.6   | 45.4   | 49.2   | 53.1   | 54.7   | 55.9   | 56.8   | 57.6   | 55.0   | 52.1   |
| -85°   | 21.0   | 22.9   | 24.7   | 26.6   | 28.4   | 29.5   | 30.5   | 31.4   | 32.2   | 30.7   | 29.0   |
| -87.5° | 8.7    | 9.1    | 9.6    | 10.0   | 10.3   | 10.8   | 11.2   | 11.5   | 11.9   | 12.0   | 12.0   |
| -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: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°  | -5°    | -2.5°  | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°    | 7.2    | 7.2    | 7.2    | 7.2    | 7.2    | 7.2    | 7.2    | 7.2    | 7.2    | 7.2    | 6.9    |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 75°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 72.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 67.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 65°    | 0.4    | 0.1    | 0.0    | 0.0    | 0.0    | 0.1    | 0.4    | 0.6    | 0.8    | 0.9    | 0.9    |
| 62.5°  | 2.2    | 2.3    | 2.4    | 2.4    | 2.4    | 2.3    | 2.2    | 2.1    | 2.0    | 2.1    | 2.3    |
| 60°    | 4.2    | 3.7    | 3.6    | 3.6    | 3.6    | 3.7    | 4.2    | 4.6    | 4.8    | 7.0    | 8.2    |
| 57.5°  | 33.4   | 28.6   | 29.3   | 32.5   | 29.3   | 28.6   | 33.4   | 36.1   | 36.3   | 42.2   | 42.4   |
| 55°    | 156.1  | 174.3  | 180.7  | 177.2  | 180.7  | 174.3  | 156.1  | 136.9  | 118.6  | 112.9  | 112.9  |
| 52.5°  | 211.6  | 219.0  | 221.9  | 221.7  | 221.9  | 219.0  | 211.6  | 201.6  | 188.9  | 176.5  | 164.3  |
| 50°    | 275.4  | 272.9  | 269.0  | 265.1  | 269.0  | 272.9  | 275.4  | 272.5  | 263.0  | 244.6  | 215.0  |
| 47.5°  | 459.6  | 451.6  | 448.2  | 454.3  | 448.2  | 451.6  | 459.6  | 454.4  | 419.0  | 373.1  | 339.2  |
| 45°    | 610.7  | 620.0  | 627.0  | 626.7  | 627.0  | 620.0  | 610.7  | 602.9  | 564.5  | 511.9  | 457.9  |
| 42.5°  | 696.8  | 701.8  | 703.2  | 701.4  | 703.2  | 701.8  | 696.8  | 688.1  | 643.7  | 587.6  | 525.8  |
| 40°    | 773.5  | 779.4  | 782.7  | 785.8  | 782.7  | 779.4  | 773.5  | 762.1  | 725.7  | 673.5  | 615.3  |
| 37.5°  | 886.6  | 888.7  | 884.0  | 881.0  | 884.0  | 888.7  | 886.6  | 879.4  | 857.5  | 790.8  | 743.5  |
| 35°    | 1163.8 | 1169.5 | 1156.3 | 1170.2 | 1156.3 | 1169.5 | 1163.8 | 1135.4 | 1101.6 | 1062.0 | 954.5  |
| 32.5°  | 1429.6 | 1456.2 | 1477.7 | 1495.6 | 1477.7 | 1456.2 | 1429.6 | 1402.5 | 1379.7 | 1303.3 | 1162.6 |
| 30°    | 1580.2 | 1597.4 | 1606.7 | 1608.9 | 1606.7 | 1597.4 | 1580.2 | 1559.1 | 1528.8 | 1431.2 | 1301.1 |
| 27.5°  | 1690.8 | 1708.8 | 1720.1 | 1728.2 | 1720.1 | 1708.8 | 1690.8 | 1671.3 | 1635.9 | 1536.3 | 1408.6 |
| 25°    | 1797.4 | 1813.8 | 1825.0 | 1829.4 | 1825.0 | 1813.8 | 1797.4 | 1777.5 | 1734.1 | 1650.0 | 1524.2 |
| 22.5°  | 1908.0 | 1919.4 | 1930.2 | 1935.5 | 1930.2 | 1919.4 | 1908.0 | 1884.7 | 1837.6 | 1770.5 | 1637.2 |
| 20°    | 2066.5 | 2060.3 | 2070.1 | 2066.8 | 2070.1 | 2060.3 | 2066.5 | 2030.9 | 1981.3 | 1911.4 | 1782.7 |
| 17.5°  | 2389.6 | 2392.9 | 2399.5 | 2410.3 | 2399.5 | 2392.9 | 2389.6 | 2342.4 | 2281.8 | 2218.6 | 2039.6 |
| 15°    | 2795.9 | 2804.1 | 2845.6 | 2882.7 | 2845.6 | 2804.1 | 2795.9 | 2750.2 | 2647.1 | 2555.9 | 2351.7 |
| 12.5°  | 2972.1 | 3000.4 | 3004.8 | 3015.3 | 3004.8 | 3000.4 | 2972.1 | 2907.7 | 2838.3 | 2722.0 | 2536.6 |
| 10°    | 3030.9 | 3079.9 | 3078.9 | 3091.2 | 3078.9 | 3079.9 | 3030.9 | 2974.9 | 2918.2 | 2819.0 | 2625.0 |
| 7.5°   | 3075.6 | 3128.2 | 3150.4 | 3159.9 | 3150.4 | 3128.2 | 3075.6 | 3037.6 | 2981.6 | 2885.5 | 2687.1 |
| 5°     | 3130.0 | 3159.0 | 3197.4 | 3186.4 | 3197.4 | 3159.0 | 3130.0 | 3082.4 | 3011.7 | 2909.5 | 2728.6 |
| 2.5°   | 3152.9 | 3198.2 | 3187.8 | 3198.4 | 3187.8 | 3198.2 | 3152.9 | 3088.6 | 3023.5 | 2941.3 | 2783.1 |
| 0°     | 3168.3 | 3200.9 | 3205.7 | 3216.5 | 3205.7 | 3200.9 | 3168.3 | 3104.4 | 3038.2 | 2958.6 | 2798.3 |
| -2.5°  | 3149.6 | 3178.3 | 3228.4 | 3212.9 | 3228.4 | 3178.3 | 3149.6 | 3091.0 | 3027.9 | 2947.7 | 2803.5 |
| -5°    | 3133.2 | 3203.7 | 3176.4 | 3210.5 | 3176.4 | 3203.7 | 3133.2 | 3070.8 | 3008.1 | 2921.4 | 2770.6 |
| -7.5°  | 3124.8 | 3137.4 | 3155.6 | 3181.6 | 3155.6 | 3137.4 | 3124.8 | 3053.8 | 2985.2 | 2893.7 | 2740.9 |
| -10°   | 3059.3 | 3072.2 | 3105.7 | 3123.7 | 3105.7 | 3072.2 | 3059.3 | 3026.8 | 2946.9 | 2849.7 | 2703.5 |
| -12.5° | 2988.4 | 3013.4 | 3048.5 | 3059.9 | 3048.5 | 3013.4 | 2988.4 | 2952.3 | 2895.2 | 2789.2 | 2643.9 |
| -15°   | 2906.7 | 2943.8 | 2978.0 | 2985.1 | 2978.0 | 2943.8 | 2906.7 | 2864.1 | 2801.0 | 2714.7 | 2572.0 |
| -17.5° | 2802.8 | 2847.3 | 2883.2 | 2891.1 | 2883.2 | 2847.3 | 2802.8 | 2755.1 | 2693.0 | 2616.0 | 2499.6 |
| -20°   | 2688.3 | 2730.9 | 2761.4 | 2770.6 | 2761.4 | 2730.9 | 2688.3 | 2638.3 | 2579.7 | 2505.7 | 2396.0 |



REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°  | -5°    | -2.5°  | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2565.7 | 2604.0 | 2629.9 | 2626.0 | 2629.9 | 2604.0 | 2565.7 | 2516.1 | 2461.9 | 2394.5 | 2276.6 |
| -25°   | 2435.5 | 2471.1 | 2495.7 | 2492.2 | 2495.7 | 2471.1 | 2435.5 | 2392.2 | 2338.5 | 2266.9 | 2161.3 |
| -27.5° | 2297.9 | 2331.7 | 2355.3 | 2356.0 | 2355.3 | 2331.7 | 2297.9 | 2256.3 | 2202.2 | 2130.1 | 2039.9 |
| -30°   | 2153.4 | 2184.0 | 2203.2 | 2195.8 | 2203.2 | 2184.0 | 2153.4 | 2112.9 | 2062.7 | 1992.6 | 1897.6 |
| -32.5° | 2004.2 | 2031.9 | 2049.6 | 2054.8 | 2049.6 | 2031.9 | 2004.2 | 1969.1 | 1926.8 | 1862.6 | 1761.0 |
| -35°   | 1857.2 | 1881.6 | 1896.7 | 1900.5 | 1896.7 | 1881.6 | 1857.2 | 1825.1 | 1783.8 | 1733.0 | 1632.7 |
| -37.5° | 1711.0 | 1732.0 | 1742.6 | 1737.8 | 1742.6 | 1732.0 | 1711.0 | 1681.5 | 1644.3 | 1600.6 | 1514.0 |
| -40°   | 1566.6 | 1586.6 | 1598.7 | 1601.6 | 1598.7 | 1586.6 | 1566.6 | 1539.7 | 1505.2 | 1462.7 | 1393.2 |
| -42.5° | 1424.6 | 1441.2 | 1451.9 | 1457.0 | 1451.9 | 1441.2 | 1424.6 | 1401.5 | 1365.2 | 1318.0 | 1262.1 |
| -45°   | 1286.8 | 1301.6 | 1311.7 | 1317.2 | 1311.7 | 1301.6 | 1286.8 | 1266.1 | 1230.7 | 1185.1 | 1132.7 |
| -47.5° | 1152.7 | 1165.7 | 1174.4 | 1178.6 | 1174.4 | 1165.7 | 1152.7 | 1134.6 | 1103.0 | 1057.9 | 1006.2 |
| -50°   | 1024.5 | 1035.8 | 1043.9 | 1048.5 | 1043.9 | 1035.8 | 1024.5 | 1008.8 | 981.9  | 938.0  | 889.0  |
| -52.5° | 902.9  | 912.7  | 919.6  | 923.1  | 919.6  | 912.7  | 902.9  | 889.2  | 867.8  | 826.3  | 781.1  |
| -55°   | 786.8  | 794.8  | 801.1  | 805.0  | 801.1  | 794.8  | 786.8  | 775.5  | 760.2  | 721.7  | 680.2  |
| -57.5° | 678.5  | 685.0  | 691.1  | 695.4  | 691.1  | 685.0  | 678.5  | 669.0  | 656.4  | 623.5  | 587.1  |
| -60°   | 577.2  | 583.3  | 588.5  | 591.7  | 588.5  | 583.3  | 577.2  | 568.7  | 558.0  | 533.1  | 503.6  |
| -62.5° | 485.7  | 491.2  | 495.9  | 498.9  | 495.9  | 491.2  | 485.7  | 478.1  | 468.5  | 449.3  | 425.5  |
| -65°   | 398.0  | 402.9  | 406.4  | 408.5  | 406.4  | 402.9  | 398.0  | 391.4  | 383.1  | 369.4  | 351.8  |
| -67.5° | 324.1  | 329.8  | 330.9  | 330.2  | 330.9  | 329.8  | 324.1  | 317.3  | 309.3  | 298.7  | 285.5  |
| -70°   | 258.2  | 262.9  | 264.0  | 263.9  | 264.0  | 262.9  | 258.2  | 252.7  | 246.5  | 238.9  | 229.0  |
| -72.5° | 201.9  | 204.5  | 202.2  | 198.8  | 202.2  | 204.5  | 201.9  | 198.9  | 195.7  | 191.4  | 184.0  |
| -75°   | 151.5  | 149.8  | 147.5  | 144.6  | 147.5  | 149.8  | 151.5  | 152.8  | 153.9  | 153.6  | 148.2  |
| -77.5° | 111.0  | 106.9  | 104.2  | 101.2  | 104.2  | 106.9  | 111.0  | 114.7  | 118.1  | 120.2  | 116.5  |
| -80°   | 77.2   | 73.2   | 70.4   | 67.5   | 70.4   | 73.2   | 77.2   | 81.0   | 84.5   | 87.3   | 86.1   |
| -82.5° | 48.9   | 45.6   | 44.0   | 42.2   | 44.0   | 45.6   | 48.9   | 52.1   | 55.0   | 57.6   | 56.8   |
| -85°   | 27.2   | 25.2   | 24.1   | 22.9   | 24.1   | 25.2   | 27.2   | 29.0   | 30.7   | 32.2   | 31.4   |
| -87.5° | 12.1   | 12.1   | 11.4   | 10.8   | 11.4   | 12.1   | 12.1   | 12.0   | 12.0   | 11.9   | 11.5   |
| -90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5° | 45°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 90°    | 6.6    | 6.3    | 6.0    | 5.7    | 5.4    | 5.1    | 4.8    | 4.5    | 4.2    | 3.9   | 3.6   |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |
| 85°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |
| 82.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |
| 80°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |
| 77.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |
| 75°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |
| 72.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   |
| 70°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.1    | 0.0   | 0.1   |
| 67.5°  | 0.0    | 0.0    | 0.2    | 0.5    | 0.6    | 0.6    | 0.5    | 0.6    | 0.7    | 0.7   | 0.6   |
| 65°    | 0.7    | 0.5    | 0.3    | 0.6    | 0.9    | 1.2    | 1.3    | 1.1    | 1.1    | 1.2   | 1.5   |
| 62.5°  | 2.4    | 2.5    | 2.2    | 1.8    | 1.6    | 1.7    | 1.9    | 2.0    | 1.8    | 1.4   | 1.9   |
| 60°    | 7.2    | 4.4    | 6.4    | 6.9    | 5.5    | 4.7    | 7.1    | 6.8    | 3.5    | 3.0   | 2.7   |
| 57.5°  | 34.9   | 29.2   | 32.1   | 29.2   | 20.0   | 17.5   | 18.1   | 17.2   | 15.6   | 9.5   | 4.1   |
| 55°    | 120.5  | 103.2  | 81.1   | 70.1   | 67.5   | 51.6   | 38.5   | 32.2   | 29.2   | 21.0  | 13.9  |
| 52.5°  | 153.1  | 142.3  | 125.5  | 102.5  | 90.1   | 85.5   | 73.1   | 58.5   | 46.5   | 37.2  | 26.7  |
| 50°    | 191.9  | 194.8  | 177.6  | 145.6  | 133.0  | 119.3  | 107.3  | 90.4   | 75.1   | 60.3  | 44.5  |
| 47.5°  | 313.1  | 291.6  | 274.4  | 250.5  | 205.2  | 176.3  | 157.4  | 129.7  | 108.8  | 90.8  | 71.3  |
| 45°    | 417.5  | 392.9  | 376.1  | 339.1  | 290.9  | 246.2  | 216.3  | 181.6  | 144.7  | 120.6 | 102.9 |
| 42.5°  | 491.6  | 459.8  | 432.1  | 402.0  | 356.0  | 305.5  | 264.6  | 230.2  | 191.3  | 152.3 | 128.8 |
| 40°    | 564.2  | 513.8  | 486.3  | 459.3  | 415.9  | 359.3  | 327.4  | 277.0  | 236.4  | 193.1 | 161.0 |
| 37.5°  | 672.3  | 586.7  | 577.0  | 551.0  | 501.9  | 443.0  | 407.2  | 357.4  | 282.1  | 241.3 | 204.4 |
| 35°    | 855.2  | 767.0  | 716.0  | 690.5  | 626.9  | 551.9  | 492.8  | 446.3  | 371.7  | 291.3 | 248.8 |
| 32.5°  | 1056.6 | 945.0  | 867.7  | 831.3  | 763.1  | 661.3  | 588.4  | 529.3  | 454.3  | 363.4 | 295.2 |
| 30°    | 1170.4 | 1068.6 | 975.5  | 913.3  | 847.0  | 759.4  | 675.8  | 592.3  | 510.9  | 435.7 | 345.4 |
| 27.5°  | 1276.3 | 1149.3 | 1049.0 | 978.7  | 916.6  | 832.5  | 739.9  | 650.4  | 561.0  | 486.7 | 406.2 |
| 25°    | 1377.1 | 1236.4 | 1127.1 | 1044.6 | 972.4  | 905.8  | 801.1  | 703.4  | 610.1  | 527.9 | 465.0 |
| 22.5°  | 1471.1 | 1340.5 | 1214.5 | 1106.6 | 1045.5 | 974.0  | 870.7  | 752.4  | 661.3  | 592.1 | 518.0 |
| 20°    | 1625.8 | 1479.7 | 1320.1 | 1226.8 | 1169.9 | 1059.4 | 942.6  | 825.6  | 741.9  | 662.8 | 575.6 |
| 17.5°  | 1880.9 | 1698.5 | 1507.7 | 1407.8 | 1327.2 | 1191.8 | 1042.9 | 926.8  | 822.3  | 734.2 | 638.2 |
| 15°    | 2160.2 | 1925.4 | 1736.3 | 1607.2 | 1479.6 | 1320.9 | 1148.7 | 1023.2 | 904.5  | 805.3 | 695.7 |
| 12.5°  | 2298.2 | 2074.6 | 1907.4 | 1725.5 | 1560.9 | 1417.1 | 1254.1 | 1115.7 | 981.0  | 851.8 | 731.3 |
| 10°    | 2380.5 | 2158.4 | 1969.2 | 1787.6 | 1622.7 | 1484.3 | 1332.9 | 1169.0 | 1019.3 | 882.5 | 761.0 |
| 7.5°   | 2444.6 | 2215.7 | 2014.2 | 1833.5 | 1666.3 | 1520.4 | 1375.5 | 1203.6 | 1049.9 | 907.4 | 784.9 |
| 5°     | 2489.0 | 2260.4 | 2056.1 | 1873.3 | 1697.3 | 1546.2 | 1407.0 | 1229.8 | 1072.7 | 926.3 | 803.0 |
| 2.5°   | 2534.7 | 2295.0 | 2082.3 | 1899.0 | 1717.0 | 1562.6 | 1426.2 | 1249.8 | 1091.3 | 940.2 | 818.0 |
| 0°     | 2552.5 | 2315.1 | 2100.6 | 1912.6 | 1728.2 | 1569.1 | 1431.7 | 1263.0 | 1103.9 | 948.4 | 827.9 |
| -2.5°  | 2564.0 | 2321.6 | 2107.7 | 1921.3 | 1742.9 | 1579.4 | 1438.0 | 1277.8 | 1107.9 | 957.2 | 830.7 |
| -5°    | 2546.5 | 2313.9 | 2101.7 | 1914.1 | 1743.2 | 1580.2 | 1433.6 | 1279.9 | 1106.9 | 959.6 | 828.6 |
| -7.5°  | 2525.2 | 2293.5 | 2078.9 | 1894.9 | 1730.6 | 1569.3 | 1420.6 | 1270.4 | 1103.1 | 955.7 | 824.5 |
| -10°   | 2489.1 | 2261.0 | 2056.7 | 1874.9 | 1708.5 | 1546.1 | 1401.8 | 1252.2 | 1090.8 | 944.8 | 814.9 |
| -12.5° | 2440.9 | 2219.9 | 2018.1 | 1838.3 | 1678.7 | 1522.2 | 1380.8 | 1227.1 | 1069.7 | 926.6 | 799.7 |
| -15°   | 2377.2 | 2166.1 | 1970.4 | 1795.1 | 1640.7 | 1491.1 | 1349.8 | 1199.3 | 1049.2 | 904.1 | 778.9 |
| -17.5° | 2307.6 | 2095.2 | 1902.5 | 1737.2 | 1590.9 | 1449.0 | 1310.4 | 1170.1 | 1025.6 | 883.1 | 760.2 |
| -20°   | 2228.5 | 2020.0 | 1829.0 | 1668.8 | 1530.7 | 1396.3 | 1268.2 | 1137.4 | 992.9  | 858.9 | 740.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°   | 42.5° | 45°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| -22.5° | 2114.8 | 1930.5 | 1755.4 | 1598.4 | 1466.3 | 1343.4 | 1219.9 | 1093.5 | 950.4 | 828.5 | 713.9 |
| -25°   | 2002.3 | 1830.9 | 1673.5 | 1529.3 | 1401.7 | 1285.0 | 1164.9 | 1039.5 | 912.5 | 792.8 | 681.2 |
| -27.5° | 1892.2 | 1733.5 | 1576.7 | 1447.0 | 1332.5 | 1218.4 | 1105.6 | 987.0  | 870.0 | 752.8 | 650.4 |
| -30°   | 1773.3 | 1624.9 | 1483.5 | 1361.8 | 1253.4 | 1147.8 | 1046.3 | 935.7  | 820.6 | 709.3 | 617.2 |
| -32.5° | 1642.8 | 1512.6 | 1388.0 | 1273.4 | 1172.0 | 1078.5 | 982.2  | 877.3  | 763.6 | 668.7 | 578.8 |
| -35°   | 1516.1 | 1395.9 | 1288.4 | 1187.3 | 1095.3 | 1009.7 | 916.5  | 811.4  | 711.6 | 622.5 | 535.5 |
| -37.5° | 1402.7 | 1285.6 | 1186.1 | 1099.0 | 1022.2 | 941.0  | 848.1  | 754.8  | 660.9 | 571.1 | 495.2 |
| -40°   | 1285.5 | 1176.2 | 1087.8 | 1017.0 | 943.5  | 870.4  | 788.5  | 701.8  | 609.2 | 521.5 | 455.7 |
| -42.5° | 1171.7 | 1083.6 | 996.4  | 925.6  | 859.6  | 799.8  | 730.7  | 643.2  | 558.1 | 481.9 | 418.7 |
| -45°   | 1060.4 | 980.3  | 900.7  | 836.1  | 781.2  | 725.2  | 663.5  | 583.9  | 507.5 | 442.0 | 382.4 |
| -47.5° | 946.0  | 878.5  | 812.2  | 752.1  | 703.1  | 648.6  | 589.1  | 521.7  | 459.0 | 400.1 | 347.2 |
| -50°   | 836.1  | 781.4  | 727.7  | 675.7  | 626.1  | 572.9  | 519.7  | 465.3  | 409.4 | 358.0 | 310.1 |
| -52.5° | 732.7  | 687.4  | 642.1  | 596.6  | 553.2  | 506.7  | 457.6  | 409.2  | 360.0 | 317.1 | 274.3 |
| -55°   | 635.5  | 596.7  | 560.7  | 524.1  | 487.6  | 445.6  | 401.3  | 357.8  | 318.5 | 279.1 | 244.2 |
| -57.5° | 549.3  | 515.2  | 486.6  | 456.8  | 425.9  | 388.8  | 350.9  | 314.1  | 281.5 | 248.9 | 216.5 |
| -60°   | 473.3  | 443.5  | 419.0  | 393.0  | 365.6  | 334.6  | 304.5  | 275.3  | 247.1 | 220.5 | 192.7 |
| -62.5° | 401.4  | 377.4  | 355.3  | 333.3  | 311.0  | 287.5  | 261.8  | 238.2  | 216.4 | 194.0 | 168.9 |
| -65°   | 333.5  | 314.7  | 296.1  | 278.3  | 260.0  | 241.1  | 220.6  | 202.0  | 184.2 | 166.0 | 144.2 |
| -67.5° | 271.4  | 256.7  | 241.7  | 226.8  | 212.5  | 197.5  | 182.0  | 166.4  | 151.9 | 137.1 | 119.4 |
| -70°   | 218.5  | 207.4  | 195.7  | 183.3  | 171.5  | 159.8  | 147.7  | 135.2  | 121.9 | 109.8 | 97.7  |
| -72.5° | 176.4  | 168.4  | 159.6  | 149.6  | 139.0  | 128.9  | 119.1  | 109.3  | 99.2  | 88.8  | 78.3  |
| -75°   | 142.5  | 136.7  | 130.0  | 121.6  | 113.0  | 104.2  | 96.0   | 87.6   | 78.3  | 68.3  | 58.5  |
| -77.5° | 112.8  | 109.3  | 105.2  | 98.5   | 91.7   | 84.9   | 77.5   | 68.3   | 59.0  | 49.7  | 41.6  |
| -80°   | 84.6   | 82.9   | 80.5   | 74.7   | 68.8   | 63.0   | 56.9   | 48.9   | 40.9  | 33.4  | 27.4  |
| -82.5° | 55.9   | 54.7   | 53.1   | 49.2   | 45.4   | 41.6   | 37.8   | 32.2   | 26.9  | 21.8  | 17.4  |
| -85°   | 30.5   | 29.5   | 28.4   | 26.6   | 24.7   | 22.9   | 21.0   | 18.0   | 15.1  | 12.4  | 10.0  |
| -87.5° | 11.2   | 10.8   | 10.3   | 10.0   | 9.6    | 9.1    | 8.7    | 7.8    | 6.9   | 6.1   | 5.3   |
| -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: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°  | 67.5° | 70°  | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| 90°    | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6  | 3.3   | 3.0  | 2.7   |
| 87.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.2   | 0.4  | 0.6   |
| 85°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.1   | 0.2  | 0.4   |
| 82.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.3   | 0.4   | 0.3  | 0.2   | 0.0  | 0.1   |
| 80°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.3   | 0.6   | 0.8   | 0.8  | 0.6   | 0.4  | 0.2   |
| 77.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.3   | 0.7   | 1.1  | 1.1   | 0.8  | 0.6   |
| 75°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.3   | 0.6  | 1.0   | 1.2  | 0.9   |
| 72.5°  | 0.0   | 0.0   | 0.0   | 0.1   | 0.3   | 0.3   | 0.2   | 0.2  | 0.7   | 1.0  | 1.2   |
| 70°    | 0.2   | 0.1   | 0.0   | 0.2   | 0.5   | 0.7   | 0.7   | 0.5  | 0.5   | 0.9  | 1.1   |
| 67.5°  | 0.6   | 0.6   | 0.5   | 0.3   | 0.5   | 0.8   | 1.1   | 1.1  | 0.9   | 0.8  | 1.1   |
| 65°    | 1.4   | 1.3   | 1.2   | 1.0   | 0.9   | 0.9   | 1.2   | 1.5  | 1.4   | 1.2  | 1.1   |
| 62.5°  | 2.1   | 2.1   | 1.9   | 1.8   | 1.6   | 1.4   | 1.2   | 1.7  | 1.8   | 1.6  | 1.4   |
| 60°    | 2.7   | 2.8   | 2.7   | 2.5   | 2.2   | 2.0   | 1.8   | 1.9  | 2.1   | 2.0  | 1.7   |
| 57.5°  | 3.7   | 3.6   | 3.6   | 3.2   | 2.9   | 2.6   | 2.4   | 2.3  | 2.4   | 2.4  | 2.1   |
| 55°    | 6.6   | 4.6   | 4.6   | 4.3   | 3.7   | 3.2   | 3.0   | 2.9  | 2.8   | 2.7  | 2.4   |
| 52.5°  | 16.7  | 9.3   | 5.9   | 5.5   | 4.8   | 3.9   | 3.7   | 3.5  | 3.3   | 3.1  | 2.8   |
| 50°    | 30.9  | 20.0  | 11.3  | 7.1   | 6.0   | 5.1   | 4.3   | 4.0  | 3.8   | 3.6  | 3.1   |
| 47.5°  | 49.5  | 34.4  | 22.3  | 11.2  | 7.8   | 6.4   | 5.3   | 4.6  | 4.3   | 4.0  | 3.5   |
| 45°    | 76.2  | 50.7  | 35.1  | 22.2  | 10.4  | 8.9   | 6.6   | 5.2  | 4.8   | 4.4  | 3.8   |
| 42.5°  | 106.0 | 74.4  | 49.3  | 33.5  | 19.9  | 12.3  | 7.9   | 6.3  | 5.3   | 4.9  | 4.1   |
| 40°    | 135.3 | 102.8 | 66.3  | 46.2  | 30.0  | 16.5  | 11.4  | 7.5  | 5.8   | 5.3  | 4.6   |
| 37.5°  | 167.6 | 132.8 | 92.8  | 59.8  | 40.4  | 25.2  | 15.6  | 8.7  | 6.6   | 5.8  | 5.0   |
| 35°    | 207.7 | 166.2 | 119.4 | 79.7  | 53.5  | 33.3  | 20.3  | 11.1 | 8.1   | 6.4  | 5.4   |
| 32.5°  | 247.6 | 199.5 | 148.1 | 102.8 | 67.2  | 40.8  | 26.5  | 15.9 | 9.9   | 6.9  | 5.9   |
| 30°    | 287.9 | 230.0 | 175.1 | 124.2 | 82.9  | 52.7  | 33.1  | 20.5 | 11.9  | 7.5  | 6.3   |
| 27.5°  | 324.1 | 258.8 | 200.5 | 146.5 | 101.4 | 65.4  | 40.0  | 25.0 | 14.2  | 8.5  | 6.8   |
| 25°    | 365.0 | 289.9 | 225.4 | 167.9 | 118.3 | 78.5  | 47.1  | 29.4 | 17.5  | 10.2 | 7.3   |
| 22.5°  | 417.7 | 321.8 | 248.5 | 187.3 | 135.0 | 91.1  | 56.2  | 35.2 | 21.1  | 12.1 | 7.7   |
| 20°    | 470.0 | 353.1 | 271.1 | 211.6 | 153.2 | 105.2 | 66.7  | 41.0 | 24.6  | 14.0 | 8.2   |
| 17.5°  | 521.3 | 393.1 | 304.0 | 236.4 | 172.6 | 118.5 | 76.5  | 46.7 | 27.8  | 15.9 | 8.7   |
| 15°    | 567.4 | 438.9 | 336.3 | 259.8 | 191.7 | 130.7 | 85.6  | 52.2 | 30.9  | 17.9 | 9.3   |
| 12.5°  | 606.1 | 478.4 | 366.8 | 281.7 | 210.0 | 141.9 | 93.9  | 57.4 | 33.7  | 20.1 | 10.1  |
| 10°    | 638.0 | 511.8 | 395.0 | 302.0 | 227.4 | 151.9 | 101.4 | 62.7 | 37.0  | 22.4 | 11.0  |
| 7.5°   | 663.6 | 539.4 | 420.7 | 320.4 | 243.1 | 161.4 | 109.5 | 68.3 | 40.2  | 24.6 | 11.9  |
| 5°     | 682.8 | 560.9 | 440.6 | 333.6 | 255.6 | 170.0 | 116.9 | 73.4 | 43.1  | 26.6 | 12.8  |
| 2.5°   | 695.3 | 576.8 | 455.3 | 343.9 | 265.8 | 177.3 | 123.5 | 77.9 | 45.8  | 28.5 | 13.7  |
| 0°     | 702.6 | 588.1 | 466.4 | 351.9 | 273.6 | 183.2 | 129.0 | 81.9 | 48.2  | 30.1 | 14.5  |
| -2.5°  | 709.2 | 595.5 | 476.1 | 365.8 | 278.9 | 192.9 | 132.5 | 85.5 | 52.0  | 31.3 | 16.0  |
| -5°    | 711.4 | 598.8 | 482.5 | 376.5 | 282.2 | 200.7 | 135.0 | 88.4 | 55.3  | 32.3 | 17.3  |
| -7.5°  | 707.7 | 596.8 | 484.7 | 382.5 | 283.7 | 206.2 | 136.4 | 90.7 | 58.1  | 33.0 | 18.5  |
| -10°   | 699.5 | 590.4 | 481.8 | 380.7 | 285.7 | 207.9 | 137.3 | 92.4 | 60.1  | 33.6 | 19.4  |
| -12.5° | 687.4 | 580.6 | 475.4 | 376.7 | 285.3 | 206.8 | 139.5 | 93.8 | 61.1  | 34.0 | 20.2  |
| -15°   | 671.6 | 567.9 | 465.7 | 370.7 | 281.9 | 204.3 | 140.1 | 94.3 | 61.0  | 34.7 | 20.6  |
| -17.5° | 653.0 | 552.4 | 452.8 | 363.1 | 275.2 | 200.6 | 138.8 | 93.7 | 60.4  | 35.7 | 21.0  |
| -20°   | 634.3 | 535.2 | 437.4 | 354.1 | 265.1 | 195.8 | 135.6 | 91.9 | 59.3  | 36.4 | 21.5  |

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

Scaled Data Report



REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°  | 67.5° | 70°  | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| -22.5° | 612.4 | 515.4 | 424.1 | 341.5 | 254.2 | 189.9 | 130.3 | 89.0 | 57.7  | 36.7 | 21.7  |
| -25°   | 587.3 | 492.4 | 408.1 | 324.3 | 245.6 | 183.3 | 124.9 | 84.9 | 55.6  | 36.6 | 21.6  |
| -27.5° | 558.8 | 467.8 | 389.3 | 305.4 | 236.7 | 174.0 | 119.7 | 81.8 | 53.9  | 36.1 | 21.3  |
| -30°   | 527.1 | 444.6 | 366.7 | 287.2 | 225.8 | 164.0 | 112.9 | 78.4 | 53.1  | 35.4 | 20.7  |
| -32.5° | 493.0 | 418.5 | 342.5 | 273.4 | 213.4 | 153.6 | 107.0 | 74.5 | 51.8  | 34.5 | 20.7  |
| -35°   | 461.0 | 390.1 | 317.8 | 257.4 | 200.2 | 147.4 | 103.0 | 70.2 | 49.9  | 33.3 | 20.8  |
| -37.5° | 426.6 | 360.2 | 298.3 | 240.8 | 186.3 | 140.4 | 99.7  | 68.3 | 47.5  | 31.8 | 20.7  |
| -40°   | 393.6 | 332.0 | 275.6 | 224.9 | 176.1 | 132.4 | 94.6  | 66.2 | 45.1  | 29.9 | 20.5  |
| -42.5° | 360.2 | 305.4 | 254.0 | 207.7 | 166.4 | 124.7 | 88.1  | 62.9 | 43.3  | 28.8 | 20.0  |
| -45°   | 329.4 | 278.0 | 230.9 | 192.6 | 155.6 | 114.8 | 83.1  | 58.8 | 41.0  | 28.0 | 19.6  |
| -47.5° | 297.1 | 250.0 | 209.9 | 176.1 | 141.6 | 104.1 | 76.8  | 55.5 | 38.2  | 27.0 | 19.3  |
| -50°   | 263.7 | 223.6 | 190.2 | 158.0 | 124.4 | 95.2  | 69.9  | 51.6 | 37.2  | 26.3 | 18.8  |
| -52.5° | 234.5 | 200.3 | 170.1 | 139.3 | 111.4 | 84.8  | 64.8  | 47.5 | 35.9  | 25.6 | 18.2  |
| -55°   | 209.3 | 178.2 | 150.2 | 124.1 | 99.0  | 77.1  | 58.9  | 45.5 | 34.3  | 24.8 | 17.3  |
| -57.5° | 187.1 | 157.8 | 134.0 | 110.5 | 88.7  | 69.7  | 54.8  | 43.2 | 32.6  | 23.6 | 16.6  |
| -60°   | 165.5 | 141.4 | 119.1 | 98.2  | 79.0  | 63.3  | 51.6  | 40.5 | 30.5  | 22.1 | 15.8  |
| -62.5° | 145.5 | 124.3 | 104.9 | 86.0  | 70.4  | 58.0  | 47.9  | 37.3 | 28.2  | 20.3 | 14.7  |
| -65°   | 124.6 | 106.5 | 90.1  | 75.3  | 62.5  | 51.9  | 43.1  | 33.8 | 25.0  | 18.1 | 13.4  |
| -67.5° | 102.8 | 89.5  | 76.8  | 64.4  | 54.0  | 45.1  | 37.7  | 29.0 | 21.3  | 15.5 | 11.7  |
| -70°   | 85.6  | 74.0  | 63.1  | 53.4  | 44.9  | 37.7  | 30.8  | 23.5 | 17.2  | 13.3 | 10.0  |
| -72.5° | 68.2  | 58.6  | 49.8  | 42.0  | 36.0  | 29.8  | 23.6  | 17.9 | 14.2  | 10.9 | 8.1   |
| -75°   | 50.4  | 44.0  | 38.2  | 32.8  | 27.4  | 22.0  | 18.0  | 14.2 | 11.2  | 8.5  | 6.8   |
| -77.5° | 36.6  | 31.9  | 27.7  | 24.3  | 20.5  | 17.0  | 13.5  | 10.4 | 8.4   | 7.0  | 5.8   |
| -80°   | 24.9  | 22.4  | 20.1  | 17.7  | 14.7  | 11.8  | 9.8   | 8.0  | 6.8   | 5.7  | 4.6   |
| -82.5° | 15.7  | 14.4  | 13.2  | 12.0  | 10.2  | 8.6   | 7.2   | 6.0  | 5.1   | 4.3  | 3.8   |
| -85°   | 9.3   | 8.6   | 7.9   | 7.2   | 6.2   | 5.4   | 5.0   | 4.6  | 4.2   | 3.8  | 3.4   |
| -87.5° | 5.2   | 5.1   | 5.1   | 5.0   | 4.7   | 4.5   | 4.3   | 4.1  | 3.8   | 3.4  | 3.1   |
| -90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.3   | 0.6  | 0.9   |

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Scaled Data Report



REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| 90°    | 2.4  | 2.1   | 1.8 | 1.5   | 1.2 | 1.2   | 1.2 |
| 87.5°  | 0.9  | 1.0   | 1.1 | 1.2   | 1.2 | 1.2   | 1.2 |
| 85°    | 0.6  | 0.8   | 1.0 | 1.1   | 1.2 | 1.2   | 1.2 |
| 82.5°  | 0.3  | 0.6   | 0.9 | 1.1   | 1.2 | 1.2   | 1.2 |
| 80°    | 0.1  | 0.4   | 0.8 | 1.1   | 1.2 | 1.2   | 1.2 |
| 77.5°  | 0.4  | 0.4   | 0.7 | 1.0   | 1.2 | 1.2   | 1.2 |
| 75°    | 0.7  | 0.6   | 0.7 | 1.0   | 1.2 | 1.2   | 1.2 |
| 72.5°  | 1.0  | 0.8   | 0.8 | 1.0   | 1.2 | 1.2   | 1.2 |
| 70°    | 1.2  | 1.0   | 0.9 | 1.0   | 1.2 | 1.2   | 1.2 |
| 67.5°  | 1.2  | 1.1   | 1.0 | 1.0   | 1.2 | 1.2   | 1.2 |
| 65°    | 1.3  | 1.2   | 1.0 | 1.0   | 1.2 | 1.2   | 1.2 |
| 62.5°  | 1.3  | 1.3   | 1.1 | 1.1   | 1.2 | 1.2   | 1.2 |
| 60°    | 1.4  | 1.4   | 1.2 | 1.1   | 1.2 | 1.2   | 1.2 |
| 57.5°  | 1.7  | 1.6   | 1.3 | 1.1   | 1.2 | 1.2   | 1.2 |
| 55°    | 2.0  | 1.7   | 1.4 | 1.2   | 1.2 | 1.2   | 1.2 |
| 52.5°  | 2.3  | 1.8   | 1.6 | 1.2   | 1.3 | 1.2   | 1.2 |
| 50°    | 2.6  | 2.1   | 1.7 | 1.2   | 1.3 | 1.2   | 1.2 |
| 47.5°  | 2.9  | 2.3   | 1.8 | 1.2   | 1.3 | 1.2   | 1.2 |
| 45°    | 3.2  | 2.6   | 2.0 | 1.3   | 1.3 | 1.2   | 1.2 |
| 42.5°  | 3.4  | 2.8   | 2.1 | 1.4   | 1.4 | 1.2   | 1.2 |
| 40°    | 3.7  | 3.0   | 2.3 | 1.6   | 1.4 | 1.2   | 1.2 |
| 37.5°  | 4.0  | 3.2   | 2.5 | 1.8   | 1.5 | 1.2   | 1.2 |
| 35°    | 4.2  | 3.4   | 2.6 | 1.9   | 1.5 | 1.2   | 1.2 |
| 32.5°  | 4.5  | 3.6   | 2.8 | 2.1   | 1.6 | 1.2   | 1.2 |
| 30°    | 4.9  | 3.8   | 2.9 | 2.2   | 1.6 | 1.2   | 1.2 |
| 27.5°  | 5.2  | 4.0   | 3.1 | 2.4   | 1.7 | 1.2   | 1.2 |
| 25°    | 5.6  | 4.2   | 3.3 | 2.5   | 1.8 | 1.2   | 1.2 |
| 22.5°  | 5.9  | 4.4   | 3.5 | 2.6   | 1.8 | 1.2   | 1.2 |
| 20°    | 6.3  | 4.6   | 3.7 | 2.8   | 1.9 | 1.2   | 1.2 |
| 17.5°  | 6.6  | 4.8   | 3.8 | 2.9   | 2.0 | 1.2   | 1.2 |
| 15°    | 6.9  | 5.0   | 4.0 | 3.0   | 2.0 | 1.2   | 1.2 |
| 12.5°  | 7.3  | 5.2   | 4.2 | 3.1   | 2.1 | 1.2   | 1.2 |
| 10°    | 7.5  | 5.4   | 4.3 | 3.2   | 2.2 | 1.2   | 1.2 |
| 7.5°   | 7.8  | 5.6   | 4.4 | 3.3   | 2.2 | 1.2   | 1.2 |
| 5°     | 8.0  | 5.7   | 4.6 | 3.4   | 2.3 | 1.2   | 1.2 |
| 2.5°   | 8.2  | 5.9   | 4.7 | 3.5   | 2.3 | 1.2   | 1.2 |
| 0°     | 8.4  | 6.0   | 4.8 | 3.6   | 2.4 | 1.2   | 1.2 |
| -2.5°  | 8.9  | 6.1   | 4.9 | 3.6   | 2.4 | 1.2   | 1.2 |
| -5°    | 9.3  | 6.2   | 5.0 | 3.6   | 2.4 | 1.2   | 1.2 |
| -7.5°  | 9.7  | 6.3   | 5.1 | 3.6   | 2.4 | 1.2   | 1.2 |
| -10°   | 10.0 | 6.4   | 5.1 | 3.5   | 2.4 | 1.2   | 1.2 |
| -12.5° | 10.3 | 6.5   | 5.2 | 3.5   | 2.3 | 1.2   | 1.2 |
| -15°   | 10.4 | 6.6   | 5.2 | 3.5   | 2.3 | 1.2   | 1.2 |
| -17.5° | 10.5 | 6.6   | 5.2 | 3.4   | 2.3 | 1.2   | 1.2 |
| -20°   | 10.7 | 6.7   | 5.1 | 3.4   | 2.3 | 1.2   | 1.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626770 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 11.4 | 6.7   | 5.1 | 3.3   | 2.2 | 1.2   | 1.2 |
| -25°   | 12.0 | 7.1   | 5.0 | 3.3   | 2.2 | 1.2   | 1.2 |
| -27.5° | 12.4 | 7.7   | 4.9 | 3.2   | 2.1 | 1.2   | 1.2 |
| -30°   | 12.7 | 8.2   | 4.7 | 3.1   | 2.1 | 1.2   | 1.2 |
| -32.5° | 12.9 | 8.6   | 4.9 | 3.0   | 2.0 | 1.2   | 1.2 |
| -35°   | 13.2 | 8.9   | 5.1 | 2.9   | 2.0 | 1.2   | 1.2 |
| -37.5° | 13.6 | 9.1   | 5.1 | 2.9   | 1.9 | 1.2   | 1.2 |
| -40°   | 13.8 | 9.2   | 5.2 | 2.8   | 1.8 | 1.2   | 1.2 |
| -42.5° | 13.9 | 9.2   | 5.2 | 2.7   | 1.8 | 1.2   | 1.2 |
| -45°   | 13.8 | 9.1   | 5.2 | 2.7   | 1.7 | 1.2   | 1.2 |
| -47.5° | 13.6 | 9.0   | 5.2 | 2.7   | 1.6 | 1.2   | 1.2 |
| -50°   | 13.3 | 8.8   | 5.1 | 2.7   | 1.5 | 1.2   | 1.2 |
| -52.5° | 12.9 | 8.5   | 5.0 | 2.6   | 1.5 | 1.2   | 1.2 |
| -55°   | 12.5 | 8.2   | 4.7 | 2.5   | 1.4 | 1.2   | 1.2 |
| -57.5° | 11.9 | 7.7   | 4.5 | 2.4   | 1.3 | 1.2   | 1.2 |
| -60°   | 11.3 | 7.2   | 4.2 | 2.3   | 1.2 | 1.2   | 1.2 |
| -62.5° | 10.4 | 6.6   | 3.9 | 2.2   | 1.2 | 1.2   | 1.2 |
| -65°   | 9.3  | 5.9   | 3.7 | 2.1   | 1.2 | 1.2   | 1.2 |
| -67.5° | 8.2  | 5.3   | 3.4 | 1.9   | 1.2 | 1.2   | 1.2 |
| -70°   | 7.0  | 4.8   | 3.1 | 1.7   | 1.2 | 1.2   | 1.2 |
| -72.5° | 6.1  | 4.3   | 2.7 | 1.7   | 1.2 | 1.2   | 1.2 |
| -75°   | 5.4  | 3.7   | 2.4 | 1.7   | 1.2 | 1.2   | 1.2 |
| -77.5° | 4.5  | 3.1   | 2.3 | 1.7   | 1.2 | 1.2   | 1.2 |
| -80°   | 3.7  | 2.8   | 2.2 | 1.6   | 1.2 | 1.2   | 1.2 |
| -82.5° | 3.3  | 2.7   | 2.1 | 1.6   | 1.2 | 1.2   | 1.2 |
| -85°   | 3.0  | 2.5   | 2.0 | 1.6   | 1.2 | 1.2   | 1.2 |
| -87.5° | 2.7  | 2.3   | 1.9 | 1.5   | 1.2 | 1.2   | 1.2 |
| -90°   | 1.2  | 1.2   | 1.2 | 1.2   | 1.2 | 1.2   | 1.2 |

(END OF REPORT)