

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: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1E-727-U-WR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

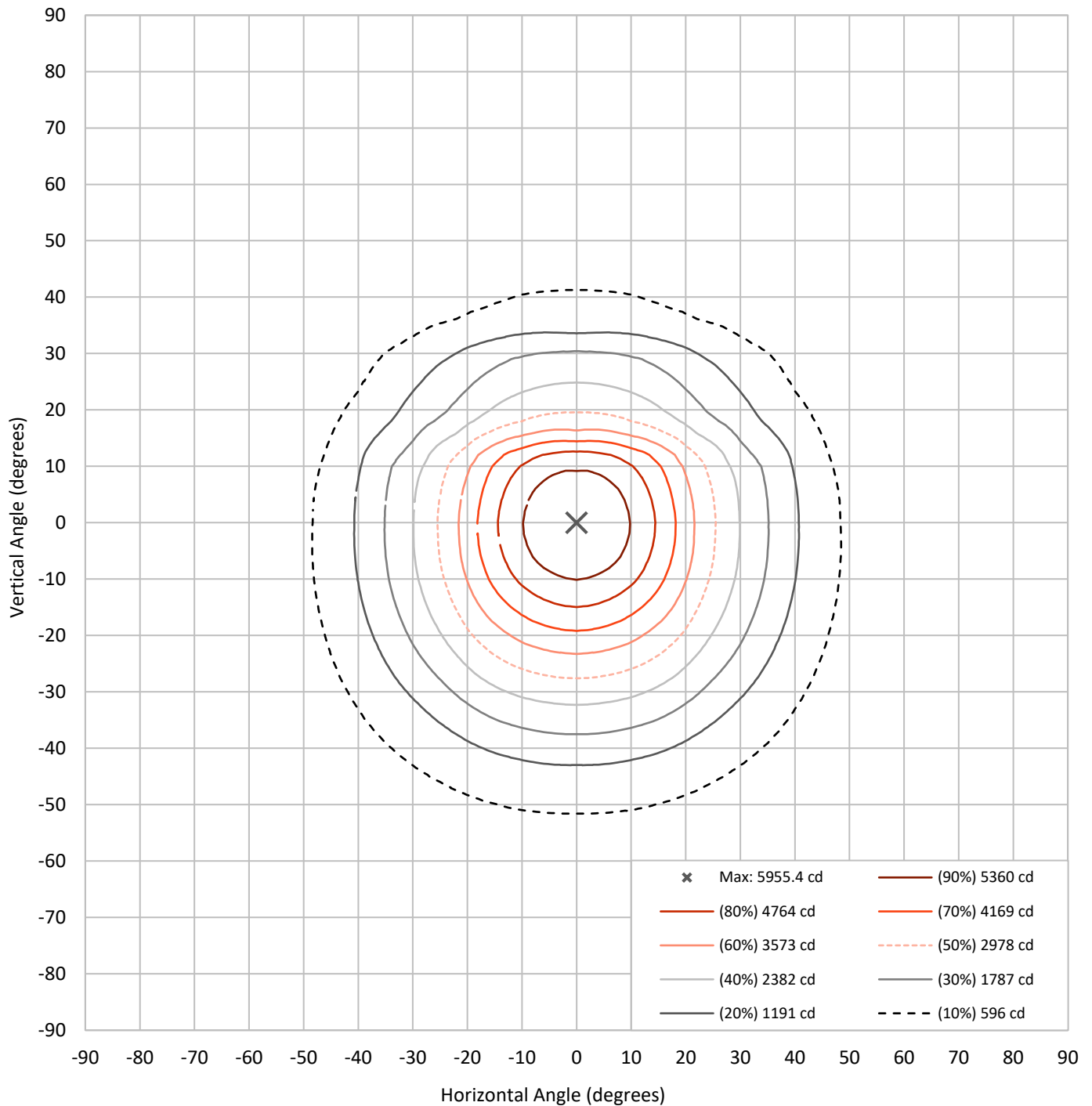
**Summary**

|                                   |  |                      |                 |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                                    | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens:                 | 5254 lumens                            | Max Intensity:       | 5955.4 candela  |
| Efficiency:                       | N/A                                    | Max Intensity Angle: | 0°H x 0°V       |
| Efficacy:                         | 79.4 lumens/watt                       |                      |                 |
| Luminous Opening:                 | Rectangular (W 0.5' x L: 0.5' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 50.9°H x 47.1°V                        | Field Angle (10%):   | 96.7°H x 92.9°V |
| Beam Lumens:                      | 2529.5 lumens                          | Field Lumens:        | 4704.1 lumens   |
| Beam Efficiency:                  | 48.1%                                  | Field Efficiency:    | 89.5%           |
| Input Watts (W):                  | 66.2                                   |                      |                 |
| Input Voltage (V):                | 120                                    |                      |                 |
| Input Current (Ain):              | NR                                     |                      |                 |
| Voltage Rise (V):                 | NR                                     |                      |                 |
| Power Factor:                     | NR                                     |                      |                 |
| Total Harmonic Distortion (THDi): | NR                                     |                      |                 |
| Frequency (hertz):                | 60                                     |                      |                 |
| Stabilization Time:               | NR                                     |                      |                 |
| Operation Time:                   | NR                                     |                      |                 |
| Ambient Temperature (°C):         | NR                                     |                      |                 |
| Test Distance:                    | 25 FT                                  |                      |                 |



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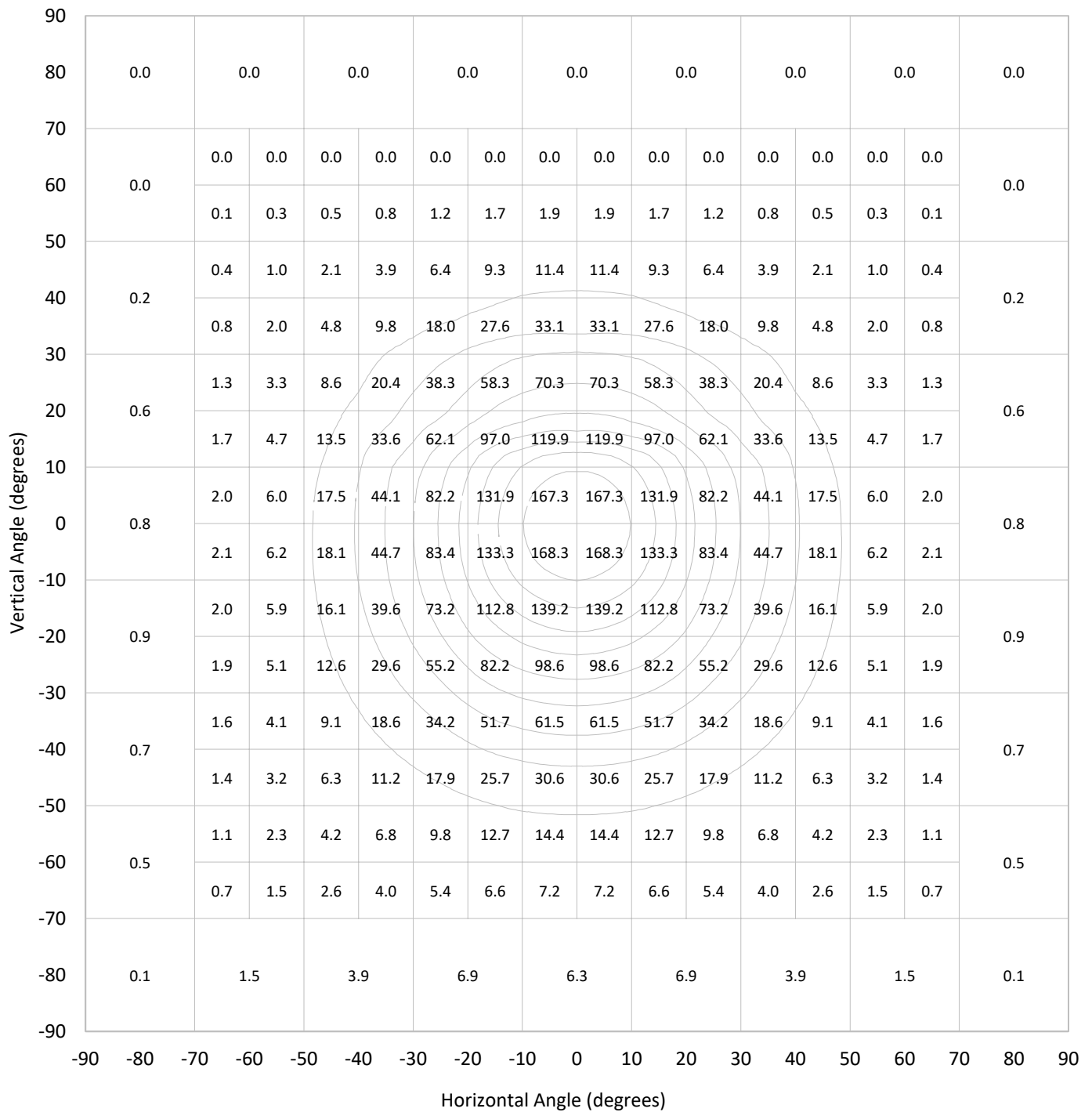
### Iso-Candela Plot





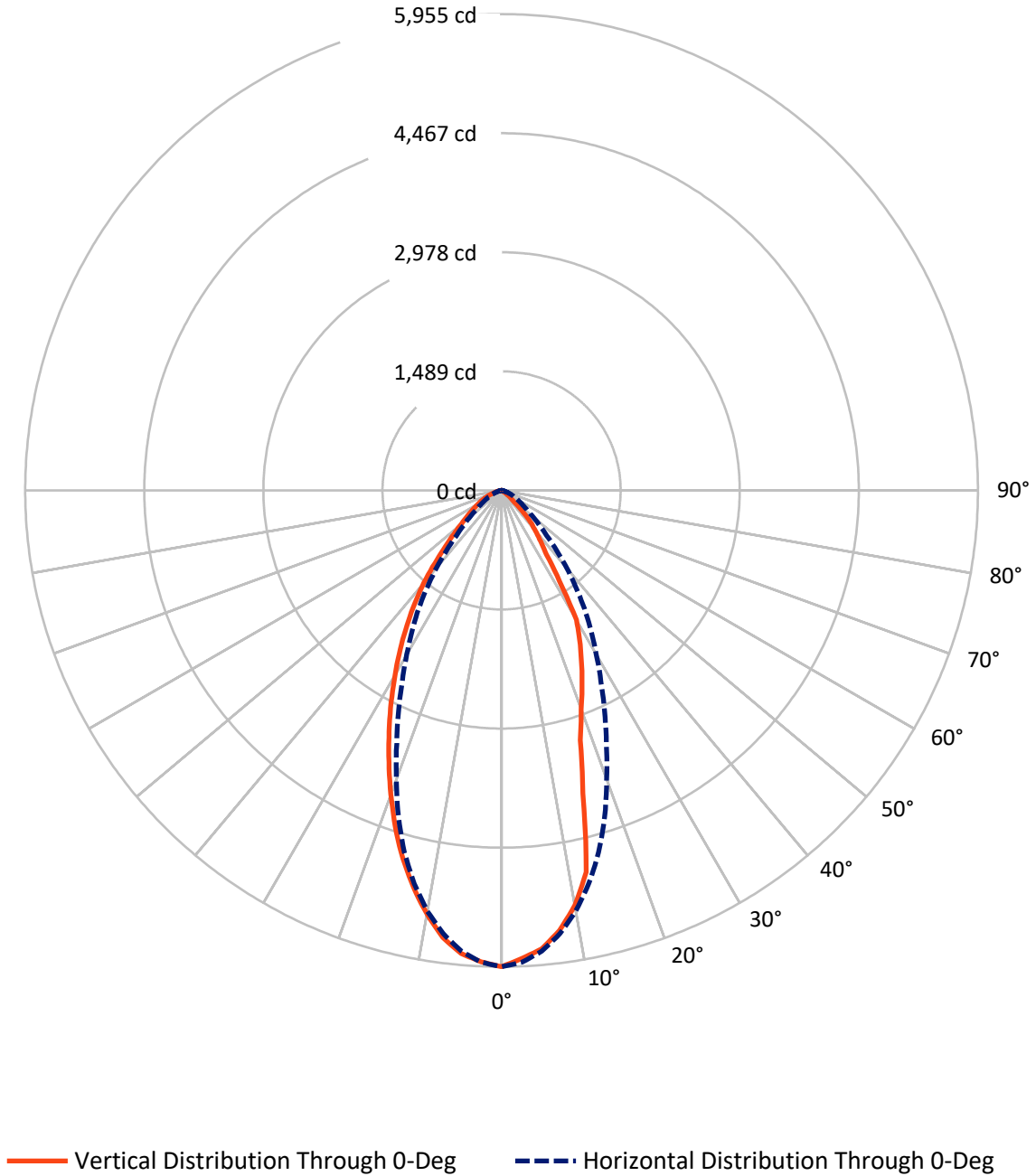
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### Lumen Table



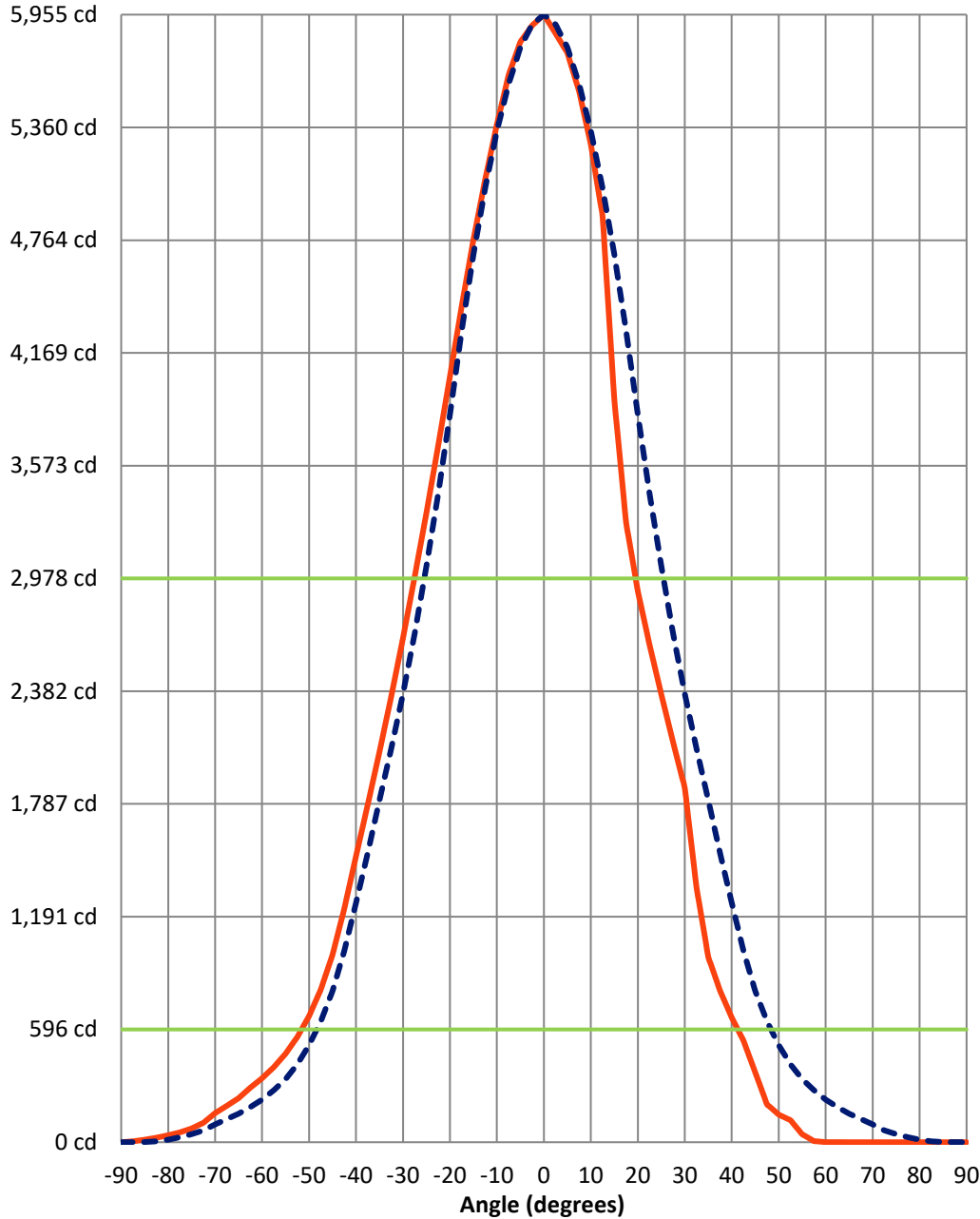
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 2529.5  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 4704.1  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 549.9  
 Efficiency: 10.5%

- 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  | 0.0    | 0.0  | 0.1    | 0.1  | 0.1    | 0.1  | 0.1    | 0.1  | 0.2    | 0.2   |
| 85°    | 0.0  | 0.0    | 0.1  | 0.1    | 0.1  | 0.2    | 0.2  | 0.2    | 0.3  | 0.3    | 0.3   |
| 82.5°  | 0.0  | 0.1    | 0.1  | 0.2    | 0.2  | 0.3    | 0.3  | 0.4    | 0.4  | 0.4    | 0.4   |
| 80°    | 0.0  | 0.1    | 0.1  | 0.2    | 0.3  | 0.3    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4   |
| 77.5°  | 0.0  | 0.1    | 0.2  | 0.3    | 0.3  | 0.4    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4   |
| 75°    | 0.0  | 0.1    | 0.2  | 0.3    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4   |
| 72.5°  | 0.0  | 0.1    | 0.2  | 0.4    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4   |
| 70°    | 0.0  | 0.1    | 0.3  | 0.4    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4   |
| 67.5°  | 0.0  | 0.2    | 0.3  | 0.4    | 0.4  | 0.4    | 0.4  | 0.4    | 0.4  | 0.5    | 0.5   |
| 65°    | 0.0  | 0.2    | 0.3  | 0.4    | 0.4  | 0.4    | 0.5  | 0.4    | 0.6  | 0.7    | 0.8   |
| 62.5°  | 0.0  | 0.2    | 0.4  | 0.4    | 0.4  | 0.5    | 0.6  | 0.6    | 0.8  | 1.1    | 1.8   |
| 60°    | 0.0  | 0.2    | 0.4  | 0.4    | 0.4  | 0.7    | 0.6  | 0.8    | 1.0  | 2.8    | 3.0   |
| 57.5°  | 0.0  | 0.2    | 0.4  | 0.4    | 0.5  | 0.8    | 1.1  | 1.1    | 2.8  | 4.7    | 5.2   |
| 55°    | 0.0  | 0.2    | 0.4  | 0.4    | 0.7  | 0.9    | 1.8  | 1.6    | 5.1  | 7.1    | 8.1   |
| 52.5°  | 0.0  | 0.2    | 0.4  | 0.4    | 0.8  | 1.2    | 2.5  | 4.0    | 7.6  | 10.6   | 11.5  |
| 50°    | 0.0  | 0.3    | 0.4  | 0.4    | 0.9  | 1.9    | 3.3  | 6.6    | 10.6 | 14.5   | 17.5  |
| 47.5°  | 0.0  | 0.3    | 0.4  | 0.4    | 1.1  | 2.7    | 4.3  | 9.3    | 14.6 | 18.7   | 23.7  |
| 45°    | 0.0  | 0.3    | 0.5  | 0.5    | 1.2  | 3.5    | 6.6  | 11.9   | 18.6 | 24.2   | 29.9  |
| 42.5°  | 0.0  | 0.3    | 0.5  | 0.7    | 1.4  | 4.4    | 8.9  | 15.0   | 22.5 | 29.6   | 36.7  |
| 40°    | 0.0  | 0.3    | 0.5  | 0.8    | 1.9  | 5.4    | 11.2 | 18.5   | 26.7 | 35.0   | 43.9  |
| 37.5°  | 0.0  | 0.3    | 0.5  | 1.0    | 2.6  | 6.3    | 13.5 | 21.9   | 31.1 | 40.4   | 51.2  |
| 35°    | 0.0  | 0.3    | 0.5  | 1.2    | 3.3  | 7.9    | 15.7 | 25.2   | 35.6 | 47.0   | 59.1  |
| 32.5°  | 0.0  | 0.3    | 0.6  | 1.4    | 4.1  | 9.6    | 18.1 | 28.5   | 40.1 | 53.7   | 68.0  |
| 30°    | 0.0  | 0.3    | 0.6  | 1.7    | 4.8  | 11.4   | 20.7 | 31.9   | 44.6 | 60.6   | 77.0  |
| 27.5°  | 0.0  | 0.4    | 0.6  | 1.9    | 5.7  | 13.0   | 23.3 | 35.5   | 49.5 | 67.5   | 86.0  |
| 25°    | 0.0  | 0.4    | 0.6  | 2.2    | 6.5  | 14.6   | 25.8 | 39.1   | 55.2 | 75.0   | 95.0  |
| 22.5°  | 0.0  | 0.4    | 0.7  | 2.4    | 7.4  | 16.2   | 28.2 | 42.6   | 60.8 | 82.5   | 104.2 |
| 20°    | 0.0  | 0.4    | 0.7  | 2.7    | 8.2  | 17.7   | 30.5 | 46.0   | 66.3 | 89.8   | 112.9 |
| 17.5°  | 0.0  | 0.4    | 0.7  | 3.0    | 9.0  | 19.2   | 32.6 | 49.2   | 71.7 | 96.9   | 121.2 |
| 15°    | 0.0  | 0.4    | 0.7  | 3.2    | 9.7  | 20.5   | 34.5 | 52.1   | 76.9 | 103.8  | 129.0 |
| 12.5°  | 0.0  | 0.4    | 0.8  | 3.5    | 10.4 | 21.8   | 36.3 | 54.5   | 81.2 | 110.3  | 136.3 |
| 10°    | 0.0  | 0.4    | 0.8  | 3.8    | 11.1 | 22.9   | 37.9 | 56.6   | 84.7 | 114.2  | 142.0 |
| 7.5°   | 0.0  | 0.4    | 0.8  | 4.0    | 11.7 | 24.0   | 39.3 | 58.5   | 87.7 | 117.1  | 145.0 |
| 5°     | 0.0  | 0.4    | 0.9  | 4.3    | 12.2 | 24.9   | 40.5 | 60.1   | 90.3 | 119.5  | 147.4 |
| 2.5°   | 0.0  | 0.4    | 0.9  | 4.5    | 12.8 | 25.7   | 41.6 | 61.4   | 92.4 | 121.3  | 149.3 |
| 0°     | 0.0  | 0.4    | 0.9  | 4.7    | 13.2 | 26.4   | 42.5 | 62.5   | 94.0 | 122.5  | 150.6 |
| -2.5°  | 0.0  | 0.4    | 1.0  | 5.0    | 13.8 | 27.2   | 43.7 | 64.3   | 95.8 | 124.3  | 152.6 |
| -5°    | 0.0  | 0.5    | 1.1  | 5.3    | 14.3 | 27.9   | 44.6 | 65.8   | 97.2 | 125.5  | 154.0 |
| -7.5°  | 0.0  | 0.5    | 1.3  | 5.5    | 14.8 | 28.5   | 45.4 | 67.0   | 98.0 | 126.3  | 154.9 |
| -10°   | 0.0  | 0.5    | 1.4  | 5.7    | 15.1 | 28.9   | 45.9 | 67.9   | 98.4 | 126.7  | 155.1 |
| -12.5° | 0.0  | 0.5    | 1.5  | 5.9    | 15.4 | 29.2   | 46.3 | 68.4   | 98.3 | 126.5  | 154.4 |
| -15°   | 0.0  | 0.5    | 1.6  | 6.1    | 15.6 | 29.3   | 46.4 | 68.5   | 97.6 | 125.4  | 152.9 |
| -17.5° | 0.0  | 0.6    | 1.7  | 6.2    | 15.7 | 29.3   | 46.3 | 68.3   | 96.3 | 123.9  | 150.8 |
| -20°   | 0.0  | 0.6    | 1.8  | 6.3    | 15.7 | 29.1   | 46.1 | 68.0   | 94.8 | 122.0  | 148.1 |

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REPORT NUMBER: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 0.0  | 0.6    | 1.8  | 6.3    | 15.6 | 28.8   | 46.2 | 67.4   | 92.9 | 119.8  | 144.9 |
| -25°   | 0.0  | 0.6    | 1.9  | 6.3    | 15.3 | 28.7   | 46.0 | 66.5   | 90.8 | 117.2  | 141.1 |
| -27.5° | 0.0  | 0.6    | 2.0  | 6.2    | 15.0 | 28.6   | 45.5 | 65.3   | 88.4 | 114.3  | 137.7 |
| -30°   | 0.0  | 0.6    | 2.0  | 6.2    | 14.5 | 28.3   | 44.8 | 63.9   | 86.3 | 111.0  | 133.9 |
| -32.5° | 0.0  | 0.6    | 2.0  | 6.0    | 14.4 | 27.8   | 44.0 | 62.7   | 84.2 | 107.5  | 129.9 |
| -35°   | 0.0  | 0.6    | 2.1  | 5.8    | 14.1 | 27.1   | 43.1 | 61.4   | 81.9 | 103.9  | 125.7 |
| -37.5° | 0.0  | 0.6    | 2.1  | 5.6    | 13.7 | 26.4   | 42.1 | 59.8   | 79.3 | 100.2  | 120.7 |
| -40°   | 0.0  | 0.6    | 2.0  | 5.3    | 13.1 | 25.8   | 40.9 | 57.9   | 76.5 | 96.8   | 115.3 |
| -42.5° | 0.0  | 0.6    | 2.0  | 5.1    | 12.7 | 24.9   | 39.4 | 55.8   | 73.8 | 92.3   | 109.6 |
| -45°   | 0.0  | 0.6    | 2.0  | 4.9    | 12.5 | 24.0   | 37.8 | 53.6   | 71.1 | 87.6   | 103.6 |
| -47.5° | 0.0  | 0.6    | 1.9  | 4.6    | 12.1 | 22.8   | 35.9 | 51.4   | 68.0 | 82.7   | 98.2  |
| -50°   | 0.0  | 0.6    | 1.9  | 4.5    | 11.6 | 21.6   | 34.2 | 48.8   | 64.0 | 78.2   | 92.5  |
| -52.5° | 0.0  | 0.6    | 1.8  | 4.5    | 10.9 | 20.1   | 32.4 | 46.0   | 60.0 | 73.5   | 86.8  |
| -55°   | 0.0  | 0.5    | 1.7  | 4.4    | 10.2 | 18.9   | 30.4 | 43.1   | 55.9 | 68.6   | 81.4  |
| -57.5° | 0.0  | 0.5    | 1.6  | 4.2    | 9.3  | 17.6   | 28.2 | 40.4   | 51.6 | 63.6   | 75.8  |
| -60°   | 0.0  | 0.5    | 1.5  | 4.0    | 8.3  | 16.2   | 25.9 | 37.1   | 47.2 | 58.5   | 70.0  |
| -62.5° | 0.0  | 0.5    | 1.4  | 3.7    | 7.7  | 14.6   | 23.6 | 33.6   | 42.8 | 53.2   | 64.0  |
| -65°   | 0.0  | 0.4    | 1.3  | 3.4    | 7.1  | 12.8   | 21.1 | 29.8   | 38.2 | 47.6   | 57.8  |
| -67.5° | 0.0  | 0.4    | 1.2  | 3.0    | 6.3  | 11.2   | 18.4 | 26.1   | 33.2 | 41.6   | 51.0  |
| -70°   | 0.0  | 0.3    | 1.1  | 2.6    | 5.5  | 9.8    | 15.5 | 22.2   | 28.6 | 35.4   | 43.6  |
| -72.5° | 0.0  | 0.3    | 1.0  | 2.3    | 4.6  | 8.3    | 13.2 | 18.2   | 23.8 | 29.8   | 36.1  |
| -75°   | 0.0  | 0.3    | 0.9  | 2.0    | 3.7  | 6.7    | 10.8 | 14.8   | 18.9 | 24.1   | 29.5  |
| -77.5° | 0.0  | 0.2    | 0.7  | 1.7    | 3.0  | 5.1    | 8.3  | 11.6   | 15.0 | 18.6   | 22.7  |
| -80°   | 0.0  | 0.2    | 0.6  | 1.4    | 2.4  | 3.9    | 5.7  | 8.4    | 11.1 | 14.1   | 17.1  |
| -82.5° | 0.0  | 0.1    | 0.4  | 1.0    | 1.9  | 2.9    | 4.2  | 5.6    | 7.2  | 9.5    | 11.8  |
| -85°   | 0.0  | 0.1    | 0.3  | 0.7    | 1.2  | 2.0    | 2.8  | 3.7    | 4.8  | 5.9    | 7.2   |
| -87.5° | 0.0  | 0.0    | 0.1  | 0.3    | 0.6  | 1.0    | 1.4  | 1.9    | 2.4  | 3.0    | 3.6   |
| -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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**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°  | 0.2    | 0.2   | 0.2    | 0.2   | 0.2    | 0.3   | 0.3    | 0.3   | 0.3    | 0.3    | 0.3    |
| 85°    | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4    | 0.4    |
| 82.5°  | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4    | 0.4    |
| 80°    | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4    | 0.4    |
| 77.5°  | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4    | 0.4    |
| 75°    | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4    | 0.4    |
| 72.5°  | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4    | 0.4    |
| 70°    | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4    | 0.3    |
| 67.5°  | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.3    | 0.2    |
| 65°    | 0.4    | 0.4   | 0.6    | 0.6   | 0.4    | 0.4   | 0.4    | 0.4   | 0.4    | 0.4    | 0.4    |
| 62.5°  | 0.6    | 0.7   | 0.9    | 1.5   | 1.1    | 0.4   | 0.8    | 1.0   | 0.6    | 0.5    | 0.6    |
| 60°    | 1.8    | 1.3   | 3.3    | 4.5   | 3.0    | 1.6   | 1.9    | 3.9   | 3.2    | 0.9    | 2.3    |
| 57.5°  | 3.8    | 4.6   | 8.2    | 8.7   | 6.7    | 4.5   | 9.9    | 11.0  | 9.1    | 5.7    | 8.2    |
| 55°    | 7.8    | 11.0  | 13.9   | 13.8  | 13.8   | 17.4  | 20.5   | 20.1  | 17.7   | 24.4   | 30.7   |
| 52.5°  | 14.8   | 18.1  | 20.0   | 21.8  | 26.8   | 30.1  | 31.1   | 32.9  | 39.9   | 48.2   | 49.7   |
| 50°    | 21.8   | 25.1  | 27.7   | 34.2  | 39.2   | 41.9  | 44.3   | 50.6  | 61.1   | 66.8   | 67.7   |
| 47.5°  | 28.8   | 32.6  | 39.2   | 46.3  | 51.2   | 55.2  | 59.4   | 73.8  | 85.5   | 90.3   | 92.1   |
| 45°    | 36.1   | 42.6  | 51.0   | 58.3  | 64.0   | 69.3  | 83.0   | 102.7 | 110.9  | 118.3  | 137.2  |
| 42.5°  | 43.7   | 53.5  | 62.9   | 70.6  | 77.0   | 88.1  | 107.2  | 126.3 | 138.1  | 153.8  | 176.7  |
| 40°    | 53.4   | 64.4  | 75.3   | 83.1  | 91.1   | 108.0 | 131.6  | 151.8 | 164.2  | 185.4  | 211.5  |
| 37.5°  | 63.2   | 76.1  | 87.9   | 96.1  | 107.4  | 130.2 | 157.9  | 182.1 | 197.6  | 214.8  | 256.7  |
| 35°    | 72.9   | 88.1  | 100.1  | 111.1 | 125.0  | 156.6 | 190.7  | 217.6 | 236.7  | 266.3  | 319.3  |
| 32.5°  | 83.3   | 100.2 | 112.6  | 127.5 | 150.4  | 185.6 | 227.6  | 257.5 | 289.2  | 331.7  | 416.5  |
| 30°    | 94.3   | 111.6 | 125.8  | 143.7 | 174.4  | 215.6 | 264.3  | 301.8 | 344.9  | 414.0  | 505.4  |
| 27.5°  | 105.3  | 122.9 | 140.4  | 163.2 | 196.9  | 241.4 | 292.3  | 351.5 | 407.1  | 484.3  | 584.2  |
| 25°    | 115.9  | 134.5 | 154.8  | 182.3 | 218.8  | 265.3 | 320.8  | 389.2 | 461.7  | 550.1  | 667.4  |
| 22.5°  | 126.0  | 146.3 | 170.0  | 199.6 | 237.2  | 288.1 | 354.2  | 434.5 | 521.6  | 613.2  | 748.1  |
| 20°    | 135.9  | 159.4 | 186.6  | 219.7 | 254.2  | 309.0 | 386.9  | 484.0 | 593.3  | 718.8  | 850.9  |
| 17.5°  | 145.7  | 172.3 | 203.7  | 240.6 | 282.3  | 338.4 | 420.4  | 536.0 | 669.1  | 832.3  | 995.0  |
| 15°    | 155.3  | 185.0 | 220.3  | 261.2 | 310.7  | 377.7 | 470.8  | 597.9 | 758.7  | 954.2  | 1146.9 |
| 12.5°  | 164.6  | 197.3 | 236.2  | 281.3 | 338.2  | 414.8 | 518.4  | 655.5 | 839.7  | 1073.3 | 1310.0 |
| 10°    | 173.5  | 209.1 | 251.3  | 300.7 | 364.6  | 449.2 | 560.4  | 705.4 | 900.8  | 1141.5 | 1404.8 |
| 7.5°   | 178.0  | 217.1 | 264.2  | 319.1 | 389.5  | 480.9 | 597.0  | 747.5 | 948.6  | 1196.4 | 1460.4 |
| 5°     | 181.3  | 220.8 | 269.1  | 326.5 | 403.1  | 502.4 | 625.0  | 781.9 | 983.8  | 1237.7 | 1498.0 |
| 2.5°   | 183.8  | 223.4 | 272.6  | 330.7 | 408.5  | 509.5 | 634.3  | 793.9 | 1002.7 | 1259.3 | 1520.0 |
| 0°     | 185.5  | 225.0 | 274.8  | 333.1 | 411.3  | 513.0 | 638.5  | 798.9 | 1010.7 | 1264.3 | 1528.0 |
| -2.5°  | 187.3  | 227.2 | 277.1  | 336.8 | 415.2  | 517.7 | 643.2  | 802.4 | 1016.7 | 1265.6 | 1532.3 |
| -5°    | 188.4  | 228.4 | 278.0  | 338.6 | 416.5  | 518.7 | 642.8  | 799.0 | 1011.9 | 1255.7 | 1522.9 |
| -7.5°  | 188.7  | 228.5 | 277.5  | 338.3 | 414.9  | 514.6 | 636.1  | 789.1 | 995.4  | 1235.6 | 1499.9 |
| -10°   | 188.2  | 227.5 | 275.7  | 335.2 | 410.3  | 506.3 | 623.9  | 771.8 | 968.3  | 1202.4 | 1461.1 |
| -12.5° | 186.8  | 225.4 | 272.4  | 330.2 | 402.7  | 494.4 | 606.8  | 747.2 | 930.7  | 1156.3 | 1406.3 |
| -15°   | 184.6  | 222.2 | 267.6  | 323.2 | 392.4  | 479.1 | 584.8  | 715.2 | 882.2  | 1097.6 | 1338.1 |
| -17.5° | 181.6  | 218.0 | 261.4  | 314.4 | 379.1  | 460.5 | 558.2  | 677.8 | 829.9  | 1032.2 | 1262.2 |
| -20°   | 177.7  | 212.8 | 253.8  | 303.6 | 363.8  | 441.0 | 533.5  | 644.6 | 781.0  | 957.2  | 1172.7 |

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

Scaled Data Report



REPORT NUMBER: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°  | -42.5° | -40°  | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 172.9  | 206.6 | 245.6  | 293.3 | 350.2  | 420.7 | 505.9  | 607.0 | 726.1  | 870.5 | 1075.1 |
| -25°   | 168.1  | 200.6 | 237.7  | 281.9 | 334.7  | 397.6 | 474.4  | 566.4 | 674.3  | 806.5 | 975.6  |
| -27.5° | 163.3  | 193.7 | 228.6  | 268.7 | 317.4  | 373.9 | 444.7  | 528.6 | 624.7  | 737.2 | 874.9  |
| -30°   | 157.9  | 186.0 | 218.6  | 254.8 | 300.7  | 353.2 | 414.4  | 486.3 | 571.8  | 673.4 | 793.1  |
| -32.5° | 152.0  | 177.8 | 208.8  | 242.9 | 282.9  | 330.7 | 383.6  | 448.7 | 523.0  | 606.9 | 710.3  |
| -35°   | 146.2  | 170.7 | 198.8  | 230.0 | 263.8  | 308.5 | 357.1  | 411.1 | 474.3  | 548.6 | 631.3  |
| -37.5° | 140.6  | 163.0 | 188.1  | 217.2 | 248.9  | 286.0 | 329.0  | 377.7 | 432.2  | 491.2 | 562.7  |
| -40°   | 134.3  | 154.7 | 178.5  | 204.8 | 232.9  | 265.0 | 303.8  | 345.2 | 392.0  | 444.0 | 499.1  |
| -42.5° | 127.5  | 147.1 | 168.8  | 191.5 | 217.2  | 246.0 | 278.1  | 315.9 | 354.9  | 398.4 | 446.6  |
| -45°   | 120.8  | 138.9 | 158.6  | 179.4 | 201.0  | 226.5 | 255.6  | 287.1 | 321.6  | 357.2 | 397.6  |
| -47.5° | 113.8  | 130.3 | 148.7  | 166.7 | 186.0  | 207.6 | 232.4  | 260.9 | 289.7  | 321.3 | 352.8  |
| -50°   | 106.8  | 122.2 | 137.7  | 154.5 | 171.8  | 189.8 | 210.7  | 235.4 | 261.5  | 287.8 | 315.4  |
| -52.5° | 100.5  | 113.8 | 127.8  | 142.3 | 158.0  | 174.0 | 191.5  | 211.8 | 234.6  | 257.8 | 281.6  |
| -55°   | 94.0   | 106.4 | 117.9  | 130.9 | 144.4  | 158.9 | 174.4  | 191.5 | 208.8  | 229.8 | 250.3  |
| -57.5° | 87.7   | 98.7  | 108.7  | 119.8 | 131.8  | 144.1 | 158.1  | 172.6 | 188.3  | 204.2 | 221.0  |
| -60°   | 81.4   | 90.7  | 99.8   | 109.4 | 119.5  | 130.4 | 141.7  | 154.4 | 167.9  | 181.8 | 196.3  |
| -62.5° | 74.9   | 82.4  | 90.5   | 99.2  | 108.1  | 116.5 | 126.0  | 136.4 | 147.5  | 159.4 | 171.7  |
| -65°   | 67.6   | 73.9  | 80.5   | 88.1  | 96.5   | 103.3 | 110.5  | 118.4 | 127.6  | 137.3 | 147.0  |
| -67.5° | 59.8   | 65.4  | 70.8   | 76.4  | 83.2   | 89.3  | 95.2   | 101.5 | 108.4  | 116.4 | 124.1  |
| -70°   | 51.1   | 56.7  | 61.5   | 66.1  | 70.4   | 74.8  | 79.8   | 84.8  | 90.3   | 97.5  | 104.5  |
| -72.5° | 42.3   | 47.5  | 52.1   | 56.1  | 59.1   | 61.6  | 64.7   | 68.3  | 73.6   | 80.3  | 86.5   |
| -75°   | 34.2   | 38.4  | 42.7   | 46.5  | 48.5   | 49.2  | 49.9   | 51.7  | 57.1   | 63.9  | 69.9   |
| -77.5° | 26.7   | 30.3  | 33.8   | 37.1  | 38.5   | 39.0  | 39.3   | 39.3  | 43.2   | 49.0  | 55.1   |
| -80°   | 19.6   | 22.2  | 25.1   | 28.0  | 28.8   | 29.1  | 29.1   | 28.9  | 32.2   | 36.3  | 40.8   |
| -82.5° | 13.6   | 15.5  | 17.3   | 19.3  | 19.5   | 19.4  | 19.1   | 18.8  | 21.5   | 24.5  | 27.6   |
| -85°   | 7.9    | 8.7   | 9.8    | 11.0  | 11.2   | 11.1  | 10.9   | 10.6  | 12.0   | 13.7  | 15.4   |
| -87.5° | 4.0    | 4.3   | 4.7    | 5.1   | 5.0    | 4.8   | 4.5    | 4.2   | 4.6    | 5.1   | 5.5    |
| -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: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-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°  | 0.3    | 0.3    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°    | 0.4    | 0.3    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5°  | 0.4    | 0.3    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°    | 0.4    | 0.3    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5°  | 0.4    | 0.3    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 75°    | 0.4    | 0.3    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 72.5°  | 0.4    | 0.3    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70°    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 67.5°  | 0.2    | 0.2    | 0.2    | 0.2    | 0.1    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 65°    | 0.4    | 0.4    | 0.3    | 0.2    | 0.1    | 0.1    | 0.1    | 0.1    | 0.0    | 0.0    | 0.0    |
| 62.5°  | 0.5    | 0.5    | 0.4    | 0.3    | 0.4    | 0.4    | 0.3    | 0.3    | 0.3    | 0.3    | 0.3    |
| 60°    | 2.4    | 1.4    | 1.4    | 1.8    | 1.5    | 0.7    | 1.4    | 1.8    | 1.6    | 1.2    | 1.1    |
| 57.5°  | 12.2   | 10.2   | 7.2    | 12.0   | 12.3   | 8.6    | 9.4    | 12.2   | 11.8   | 9.1    | 9.1    |
| 55°    | 30.8   | 31.2   | 33.5   | 36.5   | 38.8   | 39.8   | 40.8   | 45.3   | 50.2   | 55.0   | 57.4   |
| 52.5°  | 50.8   | 56.7   | 64.1   | 69.0   | 72.5   | 79.5   | 89.3   | 93.8   | 98.2   | 103.1  | 106.7  |
| 50°    | 74.8   | 85.2   | 92.6   | 93.7   | 105.3  | 112.9  | 114.7  | 123.1  | 132.3  | 138.1  | 142.2  |
| 47.5°  | 111.3  | 124.4  | 130.9  | 135.0  | 149.2  | 164.7  | 164.8  | 169.6  | 192.7  | 204.7  | 210.5  |
| 45°    | 160.3  | 171.3  | 182.7  | 212.4  | 239.8  | 248.4  | 267.0  | 292.1  | 308.5  | 330.9  | 355.7  |
| 42.5°  | 202.1  | 222.6  | 251.2  | 284.0  | 311.3  | 334.2  | 361.7  | 392.0  | 428.2  | 462.4  | 491.8  |
| 40°    | 243.4  | 268.7  | 304.2  | 339.8  | 374.3  | 406.0  | 450.4  | 489.2  | 532.0  | 579.0  | 618.1  |
| 37.5°  | 297.3  | 329.7  | 366.4  | 411.3  | 465.0  | 500.0  | 561.2  | 617.0  | 665.3  | 722.0  | 756.9  |
| 35°    | 380.2  | 422.4  | 454.8  | 545.6  | 610.9  | 651.9  | 724.3  | 816.0  | 851.3  | 922.7  | 956.6  |
| 32.5°  | 484.3  | 540.4  | 625.8  | 746.0  | 833.2  | 908.7  | 1016.9 | 1110.0 | 1189.4 | 1261.1 | 1335.7 |
| 30°    | 601.2  | 687.9  | 813.8  | 973.4  | 1062.1 | 1167.8 | 1314.1 | 1424.5 | 1549.0 | 1685.6 | 1733.5 |
| 27.5°  | 707.4  | 837.1  | 983.4  | 1112.7 | 1240.0 | 1371.7 | 1515.4 | 1657.3 | 1792.0 | 1905.7 | 1981.9 |
| 25°    | 805.8  | 962.9  | 1105.0 | 1243.2 | 1381.1 | 1529.5 | 1692.0 | 1852.9 | 2001.1 | 2118.1 | 2207.0 |
| 22.5°  | 907.3  | 1073.3 | 1225.3 | 1365.5 | 1525.9 | 1694.0 | 1866.9 | 2051.4 | 2220.1 | 2341.5 | 2438.3 |
| 20°    | 1002.7 | 1187.3 | 1360.8 | 1520.4 | 1672.0 | 1866.1 | 2065.1 | 2260.9 | 2444.6 | 2589.2 | 2700.9 |
| 17.5°  | 1154.1 | 1314.4 | 1526.4 | 1733.8 | 1904.6 | 2082.9 | 2348.9 | 2550.9 | 2754.7 | 2927.9 | 3046.3 |
| 15°    | 1340.1 | 1516.4 | 1735.3 | 2020.1 | 2254.1 | 2458.4 | 2733.2 | 3061.7 | 3302.2 | 3523.2 | 3674.9 |
| 12.5°  | 1526.2 | 1725.6 | 1962.4 | 2283.0 | 2616.0 | 2856.7 | 3190.0 | 3606.4 | 3886.5 | 4228.7 | 4397.4 |
| 10°    | 1668.9 | 1919.3 | 2163.1 | 2455.7 | 2775.6 | 3118.2 | 3477.6 | 3867.1 | 4241.4 | 4535.2 | 4797.8 |
| 7.5°   | 1726.4 | 1993.0 | 2275.3 | 2573.8 | 2893.7 | 3247.3 | 3630.3 | 4035.7 | 4420.8 | 4749.0 | 5037.7 |
| 5°     | 1769.3 | 2042.6 | 2326.7 | 2631.8 | 2973.8 | 3343.1 | 3731.9 | 4157.5 | 4550.8 | 4902.5 | 5197.8 |
| 2.5°   | 1796.6 | 2072.4 | 2355.3 | 2665.5 | 3025.3 | 3405.5 | 3806.7 | 4243.6 | 4642.8 | 5004.9 | 5299.3 |
| 0°     | 1807.0 | 2078.9 | 2368.6 | 2688.0 | 3044.1 | 3425.2 | 3843.8 | 4285.8 | 4688.2 | 5038.3 | 5341.2 |
| -2.5°  | 1808.5 | 2072.9 | 2369.4 | 2687.3 | 3028.0 | 3412.7 | 3836.3 | 4274.6 | 4668.9 | 5017.6 | 5323.2 |
| -5°    | 1794.3 | 2058.5 | 2355.4 | 2668.5 | 3009.6 | 3391.4 | 3796.9 | 4220.4 | 4596.4 | 4935.8 | 5230.0 |
| -7.5°  | 1765.5 | 2029.0 | 2319.3 | 2625.2 | 2957.2 | 3327.5 | 3716.9 | 4110.7 | 4479.6 | 4805.1 | 5085.8 |
| -10°   | 1722.8 | 1980.8 | 2261.0 | 2559.1 | 2873.2 | 3225.4 | 3596.8 | 3973.0 | 4318.9 | 4619.9 | 4879.5 |
| -12.5° | 1665.0 | 1917.0 | 2184.6 | 2469.2 | 2761.6 | 3097.4 | 3448.0 | 3801.3 | 4116.6 | 4391.4 | 4624.3 |
| -15°   | 1589.9 | 1836.0 | 2095.2 | 2364.3 | 2647.8 | 2951.5 | 3266.2 | 3590.2 | 3881.0 | 4124.7 | 4337.5 |
| -17.5° | 1501.4 | 1740.1 | 1986.2 | 2235.7 | 2504.7 | 2789.7 | 3081.8 | 3372.7 | 3620.7 | 3837.2 | 4031.8 |
| -20°   | 1402.8 | 1632.8 | 1866.5 | 2099.1 | 2343.2 | 2606.8 | 2876.5 | 3132.0 | 3348.8 | 3545.5 | 3723.6 |

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Scaled Data Report



REPORT NUMBER: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1292.2 | 1512.4 | 1736.4 | 1954.0 | 2174.2 | 2412.8 | 2653.7 | 2884.8 | 3087.5 | 3255.8 | 3410.5 |
| -25°   | 1173.8 | 1377.3 | 1588.9 | 1792.9 | 1995.5 | 2209.3 | 2428.2 | 2640.8 | 2819.2 | 2965.2 | 3093.1 |
| -27.5° | 1054.6 | 1240.5 | 1426.9 | 1619.0 | 1806.2 | 2003.5 | 2201.7 | 2385.3 | 2545.5 | 2680.0 | 2787.4 |
| -30°   | 929.2  | 1095.4 | 1265.6 | 1439.4 | 1618.2 | 1798.8 | 1977.8 | 2138.6 | 2278.4 | 2396.8 | 2489.6 |
| -32.5° | 825.0  | 951.3  | 1101.6 | 1259.3 | 1426.9 | 1591.5 | 1747.2 | 1893.7 | 2025.5 | 2128.8 | 2207.5 |
| -35°   | 725.1  | 832.1  | 944.6  | 1084.3 | 1228.3 | 1379.7 | 1522.9 | 1653.7 | 1771.2 | 1861.4 | 1935.5 |
| -37.5° | 639.3  | 723.8  | 819.0  | 918.7  | 1039.4 | 1164.6 | 1293.9 | 1416.9 | 1521.7 | 1600.4 | 1666.6 |
| -40°   | 565.0  | 631.7  | 707.8  | 786.8  | 875.6  | 965.5  | 1078.1 | 1182.0 | 1267.5 | 1341.1 | 1401.0 |
| -42.5° | 497.8  | 554.1  | 610.3  | 675.2  | 742.2  | 814.4  | 893.4  | 970.2  | 1035.8 | 1097.5 | 1148.4 |
| -45°   | 439.8  | 484.8  | 529.6  | 579.7  | 628.9  | 687.7  | 744.1  | 794.5  | 847.6  | 893.7  | 930.0  |
| -47.5° | 389.1  | 424.2  | 462.5  | 500.0  | 539.5  | 583.8  | 625.8  | 664.1  | 703.1  | 736.8  | 763.9  |
| -50°   | 344.0  | 373.1  | 404.4  | 433.9  | 465.8  | 498.2  | 529.3  | 559.8  | 589.4  | 615.0  | 635.0  |
| -52.5° | 304.6  | 330.0  | 354.4  | 377.8  | 403.3  | 427.2  | 449.7  | 474.9  | 498.0  | 518.3  | 531.9  |
| -55°   | 271.0  | 291.8  | 311.8  | 331.3  | 350.5  | 368.7  | 386.6  | 406.2  | 424.0  | 440.1  | 450.3  |
| -57.5° | 239.5  | 257.1  | 274.1  | 290.1  | 305.3  | 319.7  | 334.8  | 349.9  | 363.6  | 375.7  | 383.6  |
| -60°   | 210.8  | 225.2  | 239.8  | 252.9  | 265.2  | 276.7  | 289.4  | 301.4  | 312.6  | 321.9  | 327.4  |
| -62.5° | 184.5  | 197.4  | 208.2  | 218.5  | 229.0  | 239.4  | 248.4  | 257.3  | 265.9  | 273.1  | 277.8  |
| -65°   | 157.0  | 167.9  | 177.2  | 185.5  | 193.0  | 201.0  | 208.7  | 215.7  | 221.8  | 226.5  | 229.6  |
| -67.5° | 132.4  | 140.5  | 147.8  | 154.4  | 161.1  | 167.6  | 173.5  | 178.8  | 183.4  | 186.7  | 188.9  |
| -70°   | 111.0  | 117.2  | 123.2  | 129.2  | 135.2  | 140.2  | 144.5  | 148.5  | 152.1  | 153.6  | 154.2  |
| -72.5° | 92.2   | 97.7   | 103.0  | 108.3  | 113.2  | 117.2  | 120.3  | 123.3  | 125.9  | 123.6  | 119.7  |
| -75°   | 75.2   | 80.0   | 85.0   | 89.6   | 94.0   | 97.0   | 99.4   | 101.5  | 103.5  | 98.6   | 91.9   |
| -77.5° | 61.3   | 65.5   | 69.2   | 72.8   | 76.5   | 78.4   | 79.9   | 81.3   | 82.7   | 77.3   | 70.4   |
| -80°   | 45.5   | 48.9   | 52.0   | 55.1   | 58.1   | 59.2   | 59.9   | 60.3   | 60.6   | 55.9   | 50.6   |
| -82.5° | 30.7   | 32.5   | 34.2   | 36.0   | 37.8   | 38.8   | 39.5   | 40.0   | 40.4   | 37.1   | 33.4   |
| -85°   | 17.2   | 17.8   | 18.2   | 18.5   | 18.8   | 19.4   | 20.0   | 20.5   | 21.0   | 19.4   | 17.7   |
| -87.5° | 5.9    | 5.9    | 5.9    | 5.9    | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 5.5    | 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: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-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°  | 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°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    |
| 62.5°  | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.3    | 0.3    | 0.3    | 0.3    |
| 60°    | 0.8    | 0.5    | 0.4    | 0.4    | 0.4    | 0.5    | 0.8    | 1.1    | 1.2    | 1.6    | 1.8    |
| 57.5°  | 8.4    | 7.4    | 6.6    | 6.0    | 6.6    | 7.4    | 8.4    | 9.1    | 9.1    | 11.8   | 12.2   |
| 55°    | 56.3   | 52.4   | 47.7   | 42.1   | 47.7   | 52.4   | 56.3   | 57.4   | 55.0   | 50.2   | 45.3   |
| 52.5°  | 110.5  | 114.2  | 116.3  | 116.1  | 116.3  | 114.2  | 110.5  | 106.7  | 103.1  | 98.2   | 93.8   |
| 50°    | 145.5  | 147.5  | 147.6  | 145.9  | 147.6  | 147.5  | 145.5  | 142.2  | 138.1  | 132.3  | 123.1  |
| 47.5°  | 213.1  | 210.3  | 205.5  | 200.4  | 205.5  | 210.3  | 213.1  | 210.5  | 204.7  | 192.7  | 169.6  |
| 45°    | 371.9  | 380.9  | 380.3  | 368.8  | 380.3  | 380.9  | 371.9  | 355.7  | 330.9  | 308.5  | 292.1  |
| 42.5°  | 508.3  | 521.7  | 531.2  | 536.0  | 531.2  | 521.7  | 508.3  | 491.8  | 462.4  | 428.2  | 392.0  |
| 40°    | 640.2  | 653.1  | 658.8  | 658.5  | 658.8  | 653.1  | 640.2  | 618.1  | 579.0  | 532.0  | 489.2  |
| 37.5°  | 779.6  | 796.3  | 804.5  | 800.6  | 804.5  | 796.3  | 779.6  | 756.9  | 722.0  | 665.3  | 617.0  |
| 35°    | 971.2  | 987.0  | 987.2  | 979.2  | 987.2  | 987.0  | 971.2  | 956.6  | 922.7  | 851.3  | 816.0  |
| 32.5°  | 1394.9 | 1400.2 | 1359.9 | 1345.5 | 1359.9 | 1400.2 | 1394.9 | 1335.7 | 1261.1 | 1189.4 | 1110.0 |
| 30°    | 1781.1 | 1818.3 | 1853.0 | 1870.4 | 1853.0 | 1818.3 | 1781.1 | 1733.5 | 1685.6 | 1549.0 | 1424.5 |
| 27.5°  | 2039.4 | 2084.2 | 2112.0 | 2113.7 | 2112.0 | 2084.2 | 2039.4 | 1981.9 | 1905.7 | 1792.0 | 1657.3 |
| 25°    | 2274.4 | 2324.5 | 2354.8 | 2365.2 | 2354.8 | 2324.5 | 2274.4 | 2207.0 | 2118.1 | 2001.1 | 1852.9 |
| 22.5°  | 2520.6 | 2579.7 | 2618.8 | 2626.8 | 2618.8 | 2579.7 | 2520.6 | 2438.3 | 2341.5 | 2220.1 | 2051.4 |
| 20°    | 2806.3 | 2875.0 | 2912.4 | 2910.9 | 2912.4 | 2875.0 | 2806.3 | 2700.9 | 2589.2 | 2444.6 | 2260.9 |
| 17.5°  | 3182.3 | 3256.0 | 3288.3 | 3274.2 | 3288.3 | 3256.0 | 3182.3 | 3046.3 | 2927.9 | 2754.7 | 2550.9 |
| 15°    | 3830.5 | 3984.6 | 3984.0 | 3922.5 | 3984.0 | 3984.6 | 3830.5 | 3674.9 | 3523.2 | 3302.2 | 3061.7 |
| 12.5°  | 4630.0 | 4744.9 | 4862.8 | 4888.1 | 4862.8 | 4744.9 | 4630.0 | 4397.4 | 4228.7 | 3886.5 | 3606.4 |
| 10°    | 5019.1 | 5171.7 | 5272.3 | 5269.7 | 5272.3 | 5171.7 | 5019.1 | 4797.8 | 4535.2 | 4241.4 | 3867.1 |
| 7.5°   | 5262.5 | 5431.0 | 5553.1 | 5550.4 | 5553.1 | 5431.0 | 5262.5 | 5037.7 | 4749.0 | 4420.8 | 4035.7 |
| 5°     | 5450.3 | 5637.3 | 5745.3 | 5753.4 | 5745.3 | 5637.3 | 5450.3 | 5197.8 | 4902.5 | 4550.8 | 4157.5 |
| 2.5°   | 5547.9 | 5743.0 | 5873.0 | 5855.9 | 5873.0 | 5743.0 | 5547.9 | 5299.3 | 5004.9 | 4642.8 | 4243.6 |
| 0°     | 5588.7 | 5781.9 | 5903.1 | 5955.4 | 5903.1 | 5781.9 | 5588.7 | 5341.2 | 5038.3 | 4688.2 | 4285.8 |
| -2.5°  | 5570.9 | 5758.8 | 5892.8 | 5898.0 | 5892.8 | 5758.8 | 5570.9 | 5323.2 | 5017.6 | 4668.9 | 4274.6 |
| -5°    | 5475.5 | 5673.8 | 5763.5 | 5811.2 | 5763.5 | 5673.8 | 5475.5 | 5230.0 | 4935.8 | 4596.4 | 4220.4 |
| -7.5°  | 5321.5 | 5470.1 | 5584.2 | 5636.8 | 5584.2 | 5470.1 | 5321.5 | 5085.8 | 4805.1 | 4479.6 | 4110.7 |
| -10°   | 5082.0 | 5235.8 | 5332.2 | 5375.6 | 5332.2 | 5235.8 | 5082.0 | 4879.5 | 4619.9 | 4318.9 | 3973.0 |
| -12.5° | 4816.6 | 4956.4 | 5048.0 | 5084.7 | 5048.0 | 4956.4 | 4816.6 | 4624.3 | 4391.4 | 4116.6 | 3801.3 |
| -15°   | 4520.4 | 4647.4 | 4731.7 | 4766.9 | 4731.7 | 4647.4 | 4520.4 | 4337.5 | 4124.7 | 3881.0 | 3590.2 |
| -17.5° | 4194.5 | 4305.7 | 4389.8 | 4415.1 | 4389.8 | 4305.7 | 4194.5 | 4031.8 | 3837.2 | 3620.7 | 3372.7 |
| -20°   | 3859.3 | 3959.9 | 4029.1 | 4044.2 | 4029.1 | 3959.9 | 3859.3 | 3723.6 | 3545.5 | 3348.8 | 3132.0 |



REPORT NUMBER: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°  | -5°    | -2.5°  | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 3521.6 | 3604.5 | 3660.7 | 3679.6 | 3660.7 | 3604.5 | 3521.6 | 3410.5 | 3255.8 | 3087.5 | 2884.8 |
| -25°   | 3191.6 | 3263.1 | 3308.3 | 3325.2 | 3308.3 | 3263.1 | 3191.6 | 3093.1 | 2965.2 | 2819.2 | 2640.8 |
| -27.5° | 2874.2 | 2940.8 | 2982.3 | 2987.9 | 2982.3 | 2940.8 | 2874.2 | 2787.4 | 2680.0 | 2545.5 | 2385.3 |
| -30°   | 2561.8 | 2616.9 | 2648.9 | 2662.5 | 2648.9 | 2616.9 | 2561.8 | 2489.6 | 2396.8 | 2278.4 | 2138.6 |
| -32.5° | 2269.9 | 2318.0 | 2346.8 | 2354.5 | 2346.8 | 2318.0 | 2269.9 | 2207.5 | 2128.8 | 2025.5 | 1893.7 |
| -35°   | 1994.4 | 2038.8 | 2064.3 | 2062.3 | 2064.3 | 2038.8 | 1994.4 | 1935.5 | 1861.4 | 1771.2 | 1653.7 |
| -37.5° | 1721.3 | 1762.3 | 1785.4 | 1783.2 | 1785.4 | 1762.3 | 1721.3 | 1666.6 | 1600.4 | 1521.7 | 1416.9 |
| -40°   | 1450.3 | 1485.6 | 1506.0 | 1511.0 | 1506.0 | 1485.6 | 1450.3 | 1401.0 | 1341.1 | 1267.5 | 1182.0 |
| -42.5° | 1190.7 | 1223.3 | 1239.6 | 1233.2 | 1239.6 | 1223.3 | 1190.7 | 1148.4 | 1097.5 | 1035.8 | 970.2  |
| -45°   | 955.4  | 972.3  | 983.4  | 990.3  | 983.4  | 972.3  | 955.4  | 930.0  | 893.7  | 847.6  | 794.5  |
| -47.5° | 783.7  | 797.7  | 805.2  | 806.5  | 805.2  | 797.7  | 783.7  | 763.9  | 736.8  | 703.1  | 664.1  |
| -50°   | 650.5  | 662.4  | 667.7  | 666.2  | 667.7  | 662.4  | 650.5  | 635.0  | 615.0  | 589.4  | 559.8  |
| -52.5° | 541.8  | 548.7  | 553.3  | 555.6  | 553.3  | 548.7  | 541.8  | 531.9  | 518.3  | 498.0  | 474.9  |
| -55°   | 457.9  | 463.3  | 466.4  | 467.5  | 466.4  | 463.3  | 457.9  | 450.3  | 440.1  | 424.0  | 406.2  |
| -57.5° | 390.1  | 395.3  | 397.1  | 396.5  | 397.1  | 395.3  | 390.1  | 383.6  | 375.7  | 363.6  | 349.9  |
| -60°   | 331.5  | 334.4  | 336.7  | 337.8  | 336.7  | 334.4  | 331.5  | 327.4  | 321.9  | 312.6  | 301.4  |
| -62.5° | 281.6  | 284.4  | 286.7  | 288.0  | 286.7  | 284.4  | 281.6  | 277.8  | 273.1  | 265.9  | 257.3  |
| -65°   | 231.7  | 232.9  | 233.2  | 232.7  | 233.2  | 232.9  | 231.7  | 229.6  | 226.5  | 221.8  | 215.7  |
| -67.5° | 190.5  | 191.5  | 192.2  | 192.3  | 192.2  | 191.5  | 190.5  | 188.9  | 186.7  | 183.4  | 178.8  |
| -70°   | 154.8  | 155.2  | 154.8  | 153.6  | 154.8  | 155.2  | 154.8  | 154.2  | 153.6  | 152.1  | 148.5  |
| -72.5° | 115.7  | 111.5  | 107.2  | 102.5  | 107.2  | 111.5  | 115.7  | 119.7  | 123.6  | 125.9  | 123.3  |
| -75°   | 85.0   | 77.8   | 75.2   | 72.7   | 75.2   | 77.8   | 85.0   | 91.9   | 98.6   | 103.5  | 101.5  |
| -77.5° | 63.2   | 55.8   | 53.8   | 51.9   | 53.8   | 55.8   | 63.2   | 70.4   | 77.3   | 82.7   | 81.3   |
| -80°   | 44.9   | 39.1   | 37.8   | 36.6   | 37.8   | 39.1   | 44.9   | 50.6   | 55.9   | 60.6   | 60.3   |
| -82.5° | 29.5   | 25.4   | 24.6   | 23.8   | 24.6   | 25.4   | 29.5   | 33.4   | 37.1   | 40.4   | 40.0   |
| -85°   | 15.9   | 13.9   | 13.6   | 13.2   | 13.6   | 13.9   | 15.9   | 17.7   | 19.4   | 21.0   | 20.5   |
| -87.5° | 5.0    | 4.7    | 4.7    | 4.7    | 4.7    | 4.7    | 5.0    | 5.3    | 5.5    | 5.8    | 5.8    |
| -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: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-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°  | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.3    | 0.3    | 0.3    | 0.3    | 0.3    | 0.3   |
| 85°    | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.3    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4   |
| 82.5°  | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.3    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4   |
| 80°    | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.3    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4   |
| 77.5°  | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.3    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4   |
| 75°    | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.3    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4   |
| 72.5°  | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.3    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4   |
| 70°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.1    | 0.2    | 0.3    | 0.4    | 0.4    | 0.4   |
| 67.5°  | 0.0    | 0.0    | 0.1    | 0.2    | 0.2    | 0.2    | 0.2    | 0.2    | 0.3    | 0.4    | 0.4   |
| 65°    | 0.1    | 0.1    | 0.1    | 0.2    | 0.3    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4    | 0.4   |
| 62.5°  | 0.3    | 0.4    | 0.4    | 0.3    | 0.4    | 0.5    | 0.5    | 0.6    | 0.5    | 0.6    | 1.0   |
| 60°    | 1.4    | 0.7    | 1.5    | 1.8    | 1.4    | 1.4    | 2.4    | 2.3    | 0.9    | 3.2    | 3.9   |
| 57.5°  | 9.4    | 8.6    | 12.3   | 12.0   | 7.2    | 10.2   | 12.2   | 8.2    | 5.7    | 9.1    | 11.0  |
| 55°    | 40.8   | 39.8   | 38.8   | 36.5   | 33.5   | 31.2   | 30.8   | 30.7   | 24.4   | 17.7   | 20.1  |
| 52.5°  | 89.3   | 79.5   | 72.5   | 69.0   | 64.1   | 56.7   | 50.8   | 49.7   | 48.2   | 39.9   | 32.9  |
| 50°    | 114.7  | 112.9  | 105.3  | 93.7   | 92.6   | 85.2   | 74.8   | 67.7   | 66.8   | 61.1   | 50.6  |
| 47.5°  | 164.8  | 164.7  | 149.2  | 135.0  | 130.9  | 124.4  | 111.3  | 92.1   | 90.3   | 85.5   | 73.8  |
| 45°    | 267.0  | 248.4  | 239.8  | 212.4  | 182.7  | 171.3  | 160.3  | 137.2  | 118.3  | 110.9  | 102.7 |
| 42.5°  | 361.7  | 334.2  | 311.3  | 284.0  | 251.2  | 222.6  | 202.1  | 176.7  | 153.8  | 138.1  | 126.3 |
| 40°    | 450.4  | 406.0  | 374.3  | 339.8  | 304.2  | 268.7  | 243.4  | 211.5  | 185.4  | 164.2  | 151.8 |
| 37.5°  | 561.2  | 500.0  | 465.0  | 411.3  | 366.4  | 329.7  | 297.3  | 256.7  | 214.8  | 197.6  | 182.1 |
| 35°    | 724.3  | 651.9  | 610.9  | 545.6  | 454.8  | 422.4  | 380.2  | 319.3  | 266.3  | 236.7  | 217.6 |
| 32.5°  | 1016.9 | 908.7  | 833.2  | 746.0  | 625.8  | 540.4  | 484.3  | 416.5  | 331.7  | 289.2  | 257.5 |
| 30°    | 1314.1 | 1167.8 | 1062.1 | 973.4  | 813.8  | 687.9  | 601.2  | 505.4  | 414.0  | 344.9  | 301.8 |
| 27.5°  | 1515.4 | 1371.7 | 1240.0 | 1112.7 | 983.4  | 837.1  | 707.4  | 584.2  | 484.3  | 407.1  | 351.5 |
| 25°    | 1692.0 | 1529.5 | 1381.1 | 1243.2 | 1105.0 | 962.9  | 805.8  | 667.4  | 550.1  | 461.7  | 389.2 |
| 22.5°  | 1866.9 | 1694.0 | 1525.9 | 1365.5 | 1225.3 | 1073.3 | 907.3  | 748.1  | 613.2  | 521.6  | 434.5 |
| 20°    | 2065.1 | 1866.1 | 1672.0 | 1520.4 | 1360.8 | 1187.3 | 1002.7 | 850.9  | 718.8  | 593.3  | 484.0 |
| 17.5°  | 2348.9 | 2082.9 | 1904.6 | 1733.8 | 1526.4 | 1314.4 | 1154.1 | 995.0  | 832.3  | 669.1  | 536.0 |
| 15°    | 2733.2 | 2458.4 | 2254.1 | 2020.1 | 1735.3 | 1516.4 | 1340.1 | 1146.9 | 954.2  | 758.7  | 597.9 |
| 12.5°  | 3190.0 | 2856.7 | 2616.0 | 2283.0 | 1962.4 | 1725.6 | 1526.2 | 1310.0 | 1073.3 | 839.7  | 655.5 |
| 10°    | 3477.6 | 3118.2 | 2775.6 | 2455.7 | 2163.1 | 1919.3 | 1668.9 | 1404.8 | 1141.5 | 900.8  | 705.4 |
| 7.5°   | 3630.3 | 3247.3 | 2893.7 | 2573.8 | 2275.3 | 1993.0 | 1726.4 | 1460.4 | 1196.4 | 948.6  | 747.5 |
| 5°     | 3731.9 | 3343.1 | 2973.8 | 2631.8 | 2326.7 | 2042.6 | 1769.3 | 1498.0 | 1237.7 | 983.8  | 781.9 |
| 2.5°   | 3806.7 | 3405.5 | 3025.3 | 2665.5 | 2355.3 | 2072.4 | 1796.6 | 1520.0 | 1259.3 | 1002.7 | 793.9 |
| 0°     | 3843.8 | 3425.2 | 3044.1 | 2688.0 | 2368.6 | 2078.9 | 1807.0 | 1528.0 | 1264.3 | 1010.7 | 798.9 |
| -2.5°  | 3836.3 | 3412.7 | 3028.0 | 2687.3 | 2369.4 | 2072.9 | 1808.5 | 1532.3 | 1265.6 | 1016.7 | 802.4 |
| -5°    | 3796.9 | 3391.4 | 3009.6 | 2668.5 | 2355.4 | 2058.5 | 1794.3 | 1522.9 | 1255.7 | 1011.9 | 799.0 |
| -7.5°  | 3716.9 | 3327.5 | 2957.2 | 2625.2 | 2319.3 | 2029.0 | 1765.5 | 1499.9 | 1235.6 | 995.4  | 789.1 |
| -10°   | 3596.8 | 3225.4 | 2873.2 | 2559.1 | 2261.0 | 1980.8 | 1722.8 | 1461.1 | 1202.4 | 968.3  | 771.8 |
| -12.5° | 3448.0 | 3097.4 | 2761.6 | 2469.2 | 2184.6 | 1917.0 | 1665.0 | 1406.3 | 1156.3 | 930.7  | 747.2 |
| -15°   | 3266.2 | 2951.5 | 2647.8 | 2364.3 | 2095.2 | 1836.0 | 1589.9 | 1338.1 | 1097.6 | 882.2  | 715.2 |
| -17.5° | 3081.8 | 2789.7 | 2504.7 | 2235.7 | 1986.2 | 1740.1 | 1501.4 | 1262.2 | 1032.2 | 829.9  | 677.8 |
| -20°   | 2876.5 | 2606.8 | 2343.2 | 2099.1 | 1866.5 | 1632.8 | 1402.8 | 1172.7 | 957.2  | 781.0  | 644.6 |



Classified

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

Scaled Data Report



REPORT NUMBER: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°   | 42.5° | 45°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| -22.5° | 2653.7 | 2412.8 | 2174.2 | 1954.0 | 1736.4 | 1512.4 | 1292.2 | 1075.1 | 870.5 | 726.1 | 607.0 |
| -25°   | 2428.2 | 2209.3 | 1995.5 | 1792.9 | 1588.9 | 1377.3 | 1173.8 | 975.6  | 806.5 | 674.3 | 566.4 |
| -27.5° | 2201.7 | 2003.5 | 1806.2 | 1619.0 | 1426.9 | 1240.5 | 1054.6 | 874.9  | 737.2 | 624.7 | 528.6 |
| -30°   | 1977.8 | 1798.8 | 1618.2 | 1439.4 | 1265.6 | 1095.4 | 929.2  | 793.1  | 673.4 | 571.8 | 486.3 |
| -32.5° | 1747.2 | 1591.5 | 1426.9 | 1259.3 | 1101.6 | 951.3  | 825.0  | 710.3  | 606.9 | 523.0 | 448.7 |
| -35°   | 1522.9 | 1379.7 | 1228.3 | 1084.3 | 944.6  | 832.1  | 725.1  | 631.3  | 548.6 | 474.3 | 411.1 |
| -37.5° | 1293.9 | 1164.6 | 1039.4 | 918.7  | 819.0  | 723.8  | 639.3  | 562.7  | 491.2 | 432.2 | 377.7 |
| -40°   | 1078.1 | 965.5  | 875.6  | 786.8  | 707.8  | 631.7  | 565.0  | 499.1  | 444.0 | 392.0 | 345.2 |
| -42.5° | 893.4  | 814.4  | 742.2  | 675.2  | 610.3  | 554.1  | 497.8  | 446.6  | 398.4 | 354.9 | 315.9 |
| -45°   | 744.1  | 687.7  | 628.9  | 579.7  | 529.6  | 484.8  | 439.8  | 397.6  | 357.2 | 321.6 | 287.1 |
| -47.5° | 625.8  | 583.8  | 539.5  | 500.0  | 462.5  | 424.2  | 389.1  | 352.8  | 321.3 | 289.7 | 260.9 |
| -50°   | 529.3  | 498.2  | 465.8  | 433.9  | 404.4  | 373.1  | 344.0  | 315.4  | 287.8 | 261.5 | 235.4 |
| -52.5° | 449.7  | 427.2  | 403.3  | 377.8  | 354.4  | 330.0  | 304.6  | 281.6  | 257.8 | 234.6 | 211.8 |
| -55°   | 386.6  | 368.7  | 350.5  | 331.3  | 311.8  | 291.8  | 271.0  | 250.3  | 229.8 | 208.8 | 191.5 |
| -57.5° | 334.8  | 319.7  | 305.3  | 290.1  | 274.1  | 257.1  | 239.5  | 221.0  | 204.2 | 188.3 | 172.6 |
| -60°   | 289.4  | 276.7  | 265.2  | 252.9  | 239.8  | 225.2  | 210.8  | 196.3  | 181.8 | 167.9 | 154.4 |
| -62.5° | 248.4  | 239.4  | 229.0  | 218.5  | 208.2  | 197.4  | 184.5  | 171.7  | 159.4 | 147.5 | 136.4 |
| -65°   | 208.7  | 201.0  | 193.0  | 185.5  | 177.2  | 167.9  | 157.0  | 147.0  | 137.3 | 127.6 | 118.4 |
| -67.5° | 173.5  | 167.6  | 161.1  | 154.4  | 147.8  | 140.5  | 132.4  | 124.1  | 116.4 | 108.4 | 101.5 |
| -70°   | 144.5  | 140.2  | 135.2  | 129.2  | 123.2  | 117.2  | 111.0  | 104.5  | 97.5  | 90.3  | 84.8  |
| -72.5° | 120.3  | 117.2  | 113.2  | 108.3  | 103.0  | 97.7   | 92.2   | 86.5   | 80.3  | 73.6  | 68.3  |
| -75°   | 99.4   | 97.0   | 94.0   | 89.6   | 85.0   | 80.0   | 75.2   | 69.9   | 63.9  | 57.1  | 51.7  |
| -77.5° | 79.9   | 78.4   | 76.5   | 72.8   | 69.2   | 65.5   | 61.3   | 55.1   | 49.0  | 43.2  | 39.3  |
| -80°   | 59.9   | 59.2   | 58.1   | 55.1   | 52.0   | 48.9   | 45.5   | 40.8   | 36.3  | 32.2  | 28.9  |
| -82.5° | 39.5   | 38.8   | 37.8   | 36.0   | 34.2   | 32.5   | 30.7   | 27.6   | 24.5  | 21.5  | 18.8  |
| -85°   | 20.0   | 19.4   | 18.8   | 18.5   | 18.2   | 17.8   | 17.2   | 15.4   | 13.7  | 12.0  | 10.6  |
| -87.5° | 5.8    | 5.8    | 5.8    | 5.9    | 5.9    | 5.9    | 5.9    | 5.5    | 5.1   | 4.6   | 4.2   |
| -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: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-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°  | 0.3   | 0.3   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.1  | 0.1   |
| 85°    | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.3   | 0.3   | 0.3  | 0.2   |
| 82.5°  | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4  | 0.4   |
| 80°    | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4  | 0.4   |
| 77.5°  | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4  | 0.4   |
| 75°    | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4  | 0.4   |
| 72.5°  | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4  | 0.4   |
| 70°    | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4  | 0.4   |
| 67.5°  | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.5   | 0.5   | 0.4  | 0.4   |
| 65°    | 0.4   | 0.4   | 0.4   | 0.6   | 0.6   | 0.4   | 0.4   | 0.8   | 0.7   | 0.6  | 0.4   |
| 62.5°  | 0.8   | 0.4   | 1.1   | 1.5   | 0.9   | 0.7   | 0.6   | 1.8   | 1.1   | 0.8  | 0.6   |
| 60°    | 1.9   | 1.6   | 3.0   | 4.5   | 3.3   | 1.3   | 1.8   | 3.0   | 2.8   | 1.0  | 0.8   |
| 57.5°  | 9.9   | 4.5   | 6.7   | 8.7   | 8.2   | 4.6   | 3.8   | 5.2   | 4.7   | 2.8  | 1.1   |
| 55°    | 20.5  | 17.4  | 13.8  | 13.8  | 13.9  | 11.0  | 7.8   | 8.1   | 7.1   | 5.1  | 1.6   |
| 52.5°  | 31.1  | 30.1  | 26.8  | 21.8  | 20.0  | 18.1  | 14.8  | 11.5  | 10.6  | 7.6  | 4.0   |
| 50°    | 44.3  | 41.9  | 39.2  | 34.2  | 27.7  | 25.1  | 21.8  | 17.5  | 14.5  | 10.6 | 6.6   |
| 47.5°  | 59.4  | 55.2  | 51.2  | 46.3  | 39.2  | 32.6  | 28.8  | 23.7  | 18.7  | 14.6 | 9.3   |
| 45°    | 83.0  | 69.3  | 64.0  | 58.3  | 51.0  | 42.6  | 36.1  | 29.9  | 24.2  | 18.6 | 11.9  |
| 42.5°  | 107.2 | 88.1  | 77.0  | 70.6  | 62.9  | 53.5  | 43.7  | 36.7  | 29.6  | 22.5 | 15.0  |
| 40°    | 131.6 | 108.0 | 91.1  | 83.1  | 75.3  | 64.4  | 53.4  | 43.9  | 35.0  | 26.7 | 18.5  |
| 37.5°  | 157.9 | 130.2 | 107.4 | 96.1  | 87.9  | 76.1  | 63.2  | 51.2  | 40.4  | 31.1 | 21.9  |
| 35°    | 190.7 | 156.6 | 125.0 | 111.1 | 100.1 | 88.1  | 72.9  | 59.1  | 47.0  | 35.6 | 25.2  |
| 32.5°  | 227.6 | 185.6 | 150.4 | 127.5 | 112.6 | 100.2 | 83.3  | 68.0  | 53.7  | 40.1 | 28.5  |
| 30°    | 264.3 | 215.6 | 174.4 | 143.7 | 125.8 | 111.6 | 94.3  | 77.0  | 60.6  | 44.6 | 31.9  |
| 27.5°  | 292.3 | 241.4 | 196.9 | 163.2 | 140.4 | 122.9 | 105.3 | 86.0  | 67.5  | 49.5 | 35.5  |
| 25°    | 320.8 | 265.3 | 218.8 | 182.3 | 154.8 | 134.5 | 115.9 | 95.0  | 75.0  | 55.2 | 39.1  |
| 22.5°  | 354.2 | 288.1 | 237.2 | 199.6 | 170.0 | 146.3 | 126.0 | 104.2 | 82.5  | 60.8 | 42.6  |
| 20°    | 386.9 | 309.0 | 254.2 | 219.7 | 186.6 | 159.4 | 135.9 | 112.9 | 89.8  | 66.3 | 46.0  |
| 17.5°  | 420.4 | 338.4 | 282.3 | 240.6 | 203.7 | 172.3 | 145.7 | 121.2 | 96.9  | 71.7 | 49.2  |
| 15°    | 470.8 | 377.7 | 310.7 | 261.2 | 220.3 | 185.0 | 155.3 | 129.0 | 103.8 | 76.9 | 52.1  |
| 12.5°  | 518.4 | 414.8 | 338.2 | 281.3 | 236.2 | 197.3 | 164.6 | 136.3 | 110.3 | 81.2 | 54.5  |
| 10°    | 560.4 | 449.2 | 364.6 | 300.7 | 251.3 | 209.1 | 173.5 | 142.0 | 114.2 | 84.7 | 56.6  |
| 7.5°   | 597.0 | 480.9 | 389.5 | 319.1 | 264.2 | 217.1 | 178.0 | 145.0 | 117.1 | 87.7 | 58.5  |
| 5°     | 625.0 | 502.4 | 403.1 | 326.5 | 269.1 | 220.8 | 181.3 | 147.4 | 119.5 | 90.3 | 60.1  |
| 2.5°   | 634.3 | 509.5 | 408.5 | 330.7 | 272.6 | 223.4 | 183.8 | 149.3 | 121.3 | 92.4 | 61.4  |
| 0°     | 638.5 | 513.0 | 411.3 | 333.1 | 274.8 | 225.0 | 185.5 | 150.6 | 122.5 | 94.0 | 62.5  |
| -2.5°  | 643.2 | 517.7 | 415.2 | 336.8 | 277.1 | 227.2 | 187.3 | 152.6 | 124.3 | 95.8 | 64.3  |
| -5°    | 642.8 | 518.7 | 416.5 | 338.6 | 278.0 | 228.4 | 188.4 | 154.0 | 125.5 | 97.2 | 65.8  |
| -7.5°  | 636.1 | 514.6 | 414.9 | 338.3 | 277.5 | 228.5 | 188.7 | 154.9 | 126.3 | 98.0 | 67.0  |
| -10°   | 623.9 | 506.3 | 410.3 | 335.2 | 275.7 | 227.5 | 188.2 | 155.1 | 126.7 | 98.4 | 67.9  |
| -12.5° | 606.8 | 494.4 | 402.7 | 330.2 | 272.4 | 225.4 | 186.8 | 154.4 | 126.5 | 98.3 | 68.4  |
| -15°   | 584.8 | 479.1 | 392.4 | 323.2 | 267.6 | 222.2 | 184.6 | 152.9 | 125.4 | 97.6 | 68.5  |
| -17.5° | 558.2 | 460.5 | 379.1 | 314.4 | 261.4 | 218.0 | 181.6 | 150.8 | 123.9 | 96.3 | 68.3  |
| -20°   | 533.5 | 441.0 | 363.8 | 303.6 | 253.8 | 212.8 | 177.7 | 148.1 | 122.0 | 94.8 | 68.0  |

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

Scaled Data Report



REPORT NUMBER: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°  | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 505.9 | 420.7 | 350.2 | 293.3 | 245.6 | 206.6 | 172.9 | 144.9 | 119.8 | 92.9 | 67.4  |
| -25°   | 474.4 | 397.6 | 334.7 | 281.9 | 237.7 | 200.6 | 168.1 | 141.1 | 117.2 | 90.8 | 66.5  |
| -27.5° | 444.7 | 373.9 | 317.4 | 268.7 | 228.6 | 193.7 | 163.3 | 137.7 | 114.3 | 88.4 | 65.3  |
| -30°   | 414.4 | 353.2 | 300.7 | 254.8 | 218.6 | 186.0 | 157.9 | 133.9 | 111.0 | 86.3 | 63.9  |
| -32.5° | 383.6 | 330.7 | 282.9 | 242.9 | 208.8 | 177.8 | 152.0 | 129.9 | 107.5 | 84.2 | 62.7  |
| -35°   | 357.1 | 308.5 | 263.8 | 230.0 | 198.8 | 170.7 | 146.2 | 125.7 | 103.9 | 81.9 | 61.4  |
| -37.5° | 329.0 | 286.0 | 248.9 | 217.2 | 188.1 | 163.0 | 140.6 | 120.7 | 100.2 | 79.3 | 59.8  |
| -40°   | 303.8 | 265.0 | 232.9 | 204.8 | 178.5 | 154.7 | 134.3 | 115.3 | 96.8  | 76.5 | 57.9  |
| -42.5° | 278.1 | 246.0 | 217.2 | 191.5 | 168.8 | 147.1 | 127.5 | 109.6 | 92.3  | 73.8 | 55.8  |
| -45°   | 255.6 | 226.5 | 201.0 | 179.4 | 158.6 | 138.9 | 120.8 | 103.6 | 87.6  | 71.1 | 53.6  |
| -47.5° | 232.4 | 207.6 | 186.0 | 166.7 | 148.7 | 130.3 | 113.8 | 98.2  | 82.7  | 68.0 | 51.4  |
| -50°   | 210.7 | 189.8 | 171.8 | 154.5 | 137.7 | 122.2 | 106.8 | 92.5  | 78.2  | 64.0 | 48.8  |
| -52.5° | 191.5 | 174.0 | 158.0 | 142.3 | 127.8 | 113.8 | 100.5 | 86.8  | 73.5  | 60.0 | 46.0  |
| -55°   | 174.4 | 158.9 | 144.4 | 130.9 | 117.9 | 106.4 | 94.0  | 81.4  | 68.6  | 55.9 | 43.1  |
| -57.5° | 158.1 | 144.1 | 131.8 | 119.8 | 108.7 | 98.7  | 87.7  | 75.8  | 63.6  | 51.6 | 40.4  |
| -60°   | 141.7 | 130.4 | 119.5 | 109.4 | 99.8  | 90.7  | 81.4  | 70.0  | 58.5  | 47.2 | 37.1  |
| -62.5° | 126.0 | 116.5 | 108.1 | 99.2  | 90.5  | 82.4  | 74.9  | 64.0  | 53.2  | 42.8 | 33.6  |
| -65°   | 110.5 | 103.3 | 96.5  | 88.1  | 80.5  | 73.9  | 67.6  | 57.8  | 47.6  | 38.2 | 29.8  |
| -67.5° | 95.2  | 89.3  | 83.2  | 76.4  | 70.8  | 65.4  | 59.8  | 51.0  | 41.6  | 33.2 | 26.1  |
| -70°   | 79.8  | 74.8  | 70.4  | 66.1  | 61.5  | 56.7  | 51.1  | 43.6  | 35.4  | 28.6 | 22.2  |
| -72.5° | 64.7  | 61.6  | 59.1  | 56.1  | 52.1  | 47.5  | 42.3  | 36.1  | 29.8  | 23.8 | 18.2  |
| -75°   | 49.9  | 49.2  | 48.5  | 46.5  | 42.7  | 38.4  | 34.2  | 29.5  | 24.1  | 18.9 | 14.8  |
| -77.5° | 39.3  | 39.0  | 38.5  | 37.1  | 33.8  | 30.3  | 26.7  | 22.7  | 18.6  | 15.0 | 11.6  |
| -80°   | 29.1  | 29.1  | 28.8  | 28.0  | 25.1  | 22.2  | 19.6  | 17.1  | 14.1  | 11.1 | 8.4   |
| -82.5° | 19.1  | 19.4  | 19.5  | 19.3  | 17.3  | 15.5  | 13.6  | 11.8  | 9.5   | 7.2  | 5.6   |
| -85°   | 10.9  | 11.1  | 11.2  | 11.0  | 9.8   | 8.7   | 7.9   | 7.2   | 5.9   | 4.8  | 3.7   |
| -87.5° | 4.5   | 4.8   | 5.0   | 5.1   | 4.7   | 4.3   | 4.0   | 3.6   | 3.0   | 2.4  | 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   |

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

Scaled Data Report



REPORT NUMBER: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-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°  | 0.1  | 0.1   | 0.1  | 0.1   | 0.0 | 0.0   | 0.0 |
| 85°    | 0.2  | 0.2   | 0.1  | 0.1   | 0.1 | 0.0   | 0.0 |
| 82.5°  | 0.3  | 0.3   | 0.2  | 0.2   | 0.1 | 0.1   | 0.0 |
| 80°    | 0.4  | 0.3   | 0.3  | 0.2   | 0.1 | 0.1   | 0.0 |
| 77.5°  | 0.4  | 0.4   | 0.3  | 0.3   | 0.2 | 0.1   | 0.0 |
| 75°    | 0.4  | 0.4   | 0.4  | 0.3   | 0.2 | 0.1   | 0.0 |
| 72.5°  | 0.4  | 0.4   | 0.4  | 0.4   | 0.2 | 0.1   | 0.0 |
| 70°    | 0.4  | 0.4   | 0.4  | 0.4   | 0.3 | 0.1   | 0.0 |
| 67.5°  | 0.4  | 0.4   | 0.4  | 0.4   | 0.3 | 0.2   | 0.0 |
| 65°    | 0.5  | 0.4   | 0.4  | 0.4   | 0.3 | 0.2   | 0.0 |
| 62.5°  | 0.6  | 0.5   | 0.4  | 0.4   | 0.4 | 0.2   | 0.0 |
| 60°    | 0.6  | 0.7   | 0.4  | 0.4   | 0.4 | 0.2   | 0.0 |
| 57.5°  | 1.1  | 0.8   | 0.5  | 0.4   | 0.4 | 0.2   | 0.0 |
| 55°    | 1.8  | 0.9   | 0.7  | 0.4   | 0.4 | 0.2   | 0.0 |
| 52.5°  | 2.5  | 1.2   | 0.8  | 0.4   | 0.4 | 0.2   | 0.0 |
| 50°    | 3.3  | 1.9   | 0.9  | 0.4   | 0.4 | 0.3   | 0.0 |
| 47.5°  | 4.3  | 2.7   | 1.1  | 0.4   | 0.4 | 0.3   | 0.0 |
| 45°    | 6.6  | 3.5   | 1.2  | 0.5   | 0.5 | 0.3   | 0.0 |
| 42.5°  | 8.9  | 4.4   | 1.4  | 0.7   | 0.5 | 0.3   | 0.0 |
| 40°    | 11.2 | 5.4   | 1.9  | 0.8   | 0.5 | 0.3   | 0.0 |
| 37.5°  | 13.5 | 6.3   | 2.6  | 1.0   | 0.5 | 0.3   | 0.0 |
| 35°    | 15.7 | 7.9   | 3.3  | 1.2   | 0.5 | 0.3   | 0.0 |
| 32.5°  | 18.1 | 9.6   | 4.1  | 1.4   | 0.6 | 0.3   | 0.0 |
| 30°    | 20.7 | 11.4  | 4.8  | 1.7   | 0.6 | 0.3   | 0.0 |
| 27.5°  | 23.3 | 13.0  | 5.7  | 1.9   | 0.6 | 0.4   | 0.0 |
| 25°    | 25.8 | 14.6  | 6.5  | 2.2   | 0.6 | 0.4   | 0.0 |
| 22.5°  | 28.2 | 16.2  | 7.4  | 2.4   | 0.7 | 0.4   | 0.0 |
| 20°    | 30.5 | 17.7  | 8.2  | 2.7   | 0.7 | 0.4   | 0.0 |
| 17.5°  | 32.6 | 19.2  | 9.0  | 3.0   | 0.7 | 0.4   | 0.0 |
| 15°    | 34.5 | 20.5  | 9.7  | 3.2   | 0.7 | 0.4   | 0.0 |
| 12.5°  | 36.3 | 21.8  | 10.4 | 3.5   | 0.8 | 0.4   | 0.0 |
| 10°    | 37.9 | 22.9  | 11.1 | 3.8   | 0.8 | 0.4   | 0.0 |
| 7.5°   | 39.3 | 24.0  | 11.7 | 4.0   | 0.8 | 0.4   | 0.0 |
| 5°     | 40.5 | 24.9  | 12.2 | 4.3   | 0.9 | 0.4   | 0.0 |
| 2.5°   | 41.6 | 25.7  | 12.8 | 4.5   | 0.9 | 0.4   | 0.0 |
| 0°     | 42.5 | 26.4  | 13.2 | 4.7   | 0.9 | 0.4   | 0.0 |
| -2.5°  | 43.7 | 27.2  | 13.8 | 5.0   | 1.0 | 0.4   | 0.0 |
| -5°    | 44.6 | 27.9  | 14.3 | 5.3   | 1.1 | 0.5   | 0.0 |
| -7.5°  | 45.4 | 28.5  | 14.8 | 5.5   | 1.3 | 0.5   | 0.0 |
| -10°   | 45.9 | 28.9  | 15.1 | 5.7   | 1.4 | 0.5   | 0.0 |
| -12.5° | 46.3 | 29.2  | 15.4 | 5.9   | 1.5 | 0.5   | 0.0 |
| -15°   | 46.4 | 29.3  | 15.6 | 6.1   | 1.6 | 0.5   | 0.0 |
| -17.5° | 46.3 | 29.3  | 15.7 | 6.2   | 1.7 | 0.6   | 0.0 |
| -20°   | 46.1 | 29.1  | 15.7 | 6.3   | 1.8 | 0.6   | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 46.2 | 28.8  | 15.6 | 6.3   | 1.8 | 0.6   | 0.0 |
| -25°   | 46.0 | 28.7  | 15.3 | 6.3   | 1.9 | 0.6   | 0.0 |
| -27.5° | 45.5 | 28.6  | 15.0 | 6.2   | 2.0 | 0.6   | 0.0 |
| -30°   | 44.8 | 28.3  | 14.5 | 6.2   | 2.0 | 0.6   | 0.0 |
| -32.5° | 44.0 | 27.8  | 14.4 | 6.0   | 2.0 | 0.6   | 0.0 |
| -35°   | 43.1 | 27.1  | 14.1 | 5.8   | 2.1 | 0.6   | 0.0 |
| -37.5° | 42.1 | 26.4  | 13.7 | 5.6   | 2.1 | 0.6   | 0.0 |
| -40°   | 40.9 | 25.8  | 13.1 | 5.3   | 2.0 | 0.6   | 0.0 |
| -42.5° | 39.4 | 24.9  | 12.7 | 5.1   | 2.0 | 0.6   | 0.0 |
| -45°   | 37.8 | 24.0  | 12.5 | 4.9   | 2.0 | 0.6   | 0.0 |
| -47.5° | 35.9 | 22.8  | 12.1 | 4.6   | 1.9 | 0.6   | 0.0 |
| -50°   | 34.2 | 21.6  | 11.6 | 4.5   | 1.9 | 0.6   | 0.0 |
| -52.5° | 32.4 | 20.1  | 10.9 | 4.5   | 1.8 | 0.6   | 0.0 |
| -55°   | 30.4 | 18.9  | 10.2 | 4.4   | 1.7 | 0.5   | 0.0 |
| -57.5° | 28.2 | 17.6  | 9.3  | 4.2   | 1.6 | 0.5   | 0.0 |
| -60°   | 25.9 | 16.2  | 8.3  | 4.0   | 1.5 | 0.5   | 0.0 |
| -62.5° | 23.6 | 14.6  | 7.7  | 3.7   | 1.4 | 0.5   | 0.0 |
| -65°   | 21.1 | 12.8  | 7.1  | 3.4   | 1.3 | 0.4   | 0.0 |
| -67.5° | 18.4 | 11.2  | 6.3  | 3.0   | 1.2 | 0.4   | 0.0 |
| -70°   | 15.5 | 9.8   | 5.5  | 2.6   | 1.1 | 0.3   | 0.0 |
| -72.5° | 13.2 | 8.3   | 4.6  | 2.3   | 1.0 | 0.3   | 0.0 |
| -75°   | 10.8 | 6.7   | 3.7  | 2.0   | 0.9 | 0.3   | 0.0 |
| -77.5° | 8.3  | 5.1   | 3.0  | 1.7   | 0.7 | 0.2   | 0.0 |
| -80°   | 5.7  | 3.9   | 2.4  | 1.4   | 0.6 | 0.2   | 0.0 |
| -82.5° | 4.2  | 2.9   | 1.9  | 1.0   | 0.4 | 0.1   | 0.0 |
| -85°   | 2.8  | 2.0   | 1.2  | 0.7   | 0.3 | 0.1   | 0.0 |
| -87.5° | 1.4  | 1.0   | 0.6  | 0.3   | 0.1 | 0.0   | 0.0 |
| -90°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)