

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: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-727-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1D-727-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N13  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

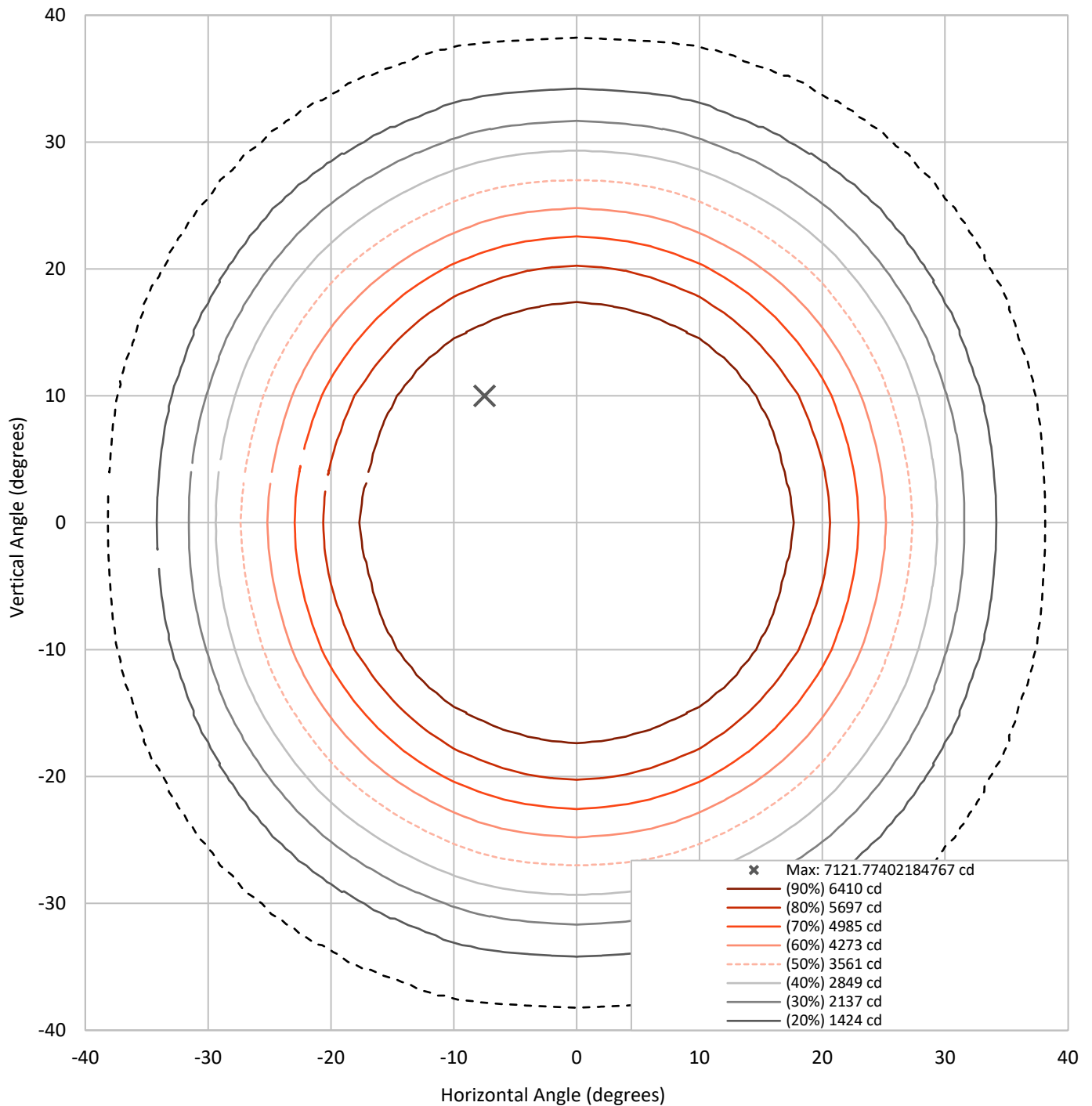
**Summary**

|                                   |  |                      |                 |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                                    | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens:                 | 6061.3 lumens                          | Max Intensity:       | 7121.8 candela  |
| Efficiency:                       | N/A                                    | Max Intensity Angle: | -7.5°H x 10°V   |
| Efficacy:                         | 105.8 lumens/watt                      |                      |                 |
| Luminous Opening:                 | Rectangular (W 0.5' x L: 0.5' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 51°H x 52.3°V                          | Field Angle (10%):   | 74.5°H x 75.5°V |
| Beam Lumens:                      | 4023.1 lumens                          | Field Lumens:        | 5231.2 lumens   |
| Beam Efficiency:                  | 66.4%                                  | Field Efficiency:    | 86.3%           |
| Input Watts (W):                  | 57.3                                   |                      |                 |
| Input Voltage (V):                | 120                                    |                      |                 |
| Input Current (Ain):              | NR                                     |                      |                 |
| Voltage Rise (V):                 | NR                                     |                      |                 |
| Power Factor:                     | NR                                     |                      |                 |
| Total Harmonic Distortion (THDi): | NR                                     |                      |                 |
| Frequency (hertz):                | 60                                     |                      |                 |
| Stabilization Time:               | NR                                     |                      |                 |
| Operation Time:                   | NR                                     |                      |                 |
| Ambient Temperature (°C):         | NR                                     |                      |                 |
| Test Distance:                    | 25 FT                                  |                      |                 |



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### Iso-Candela Plot





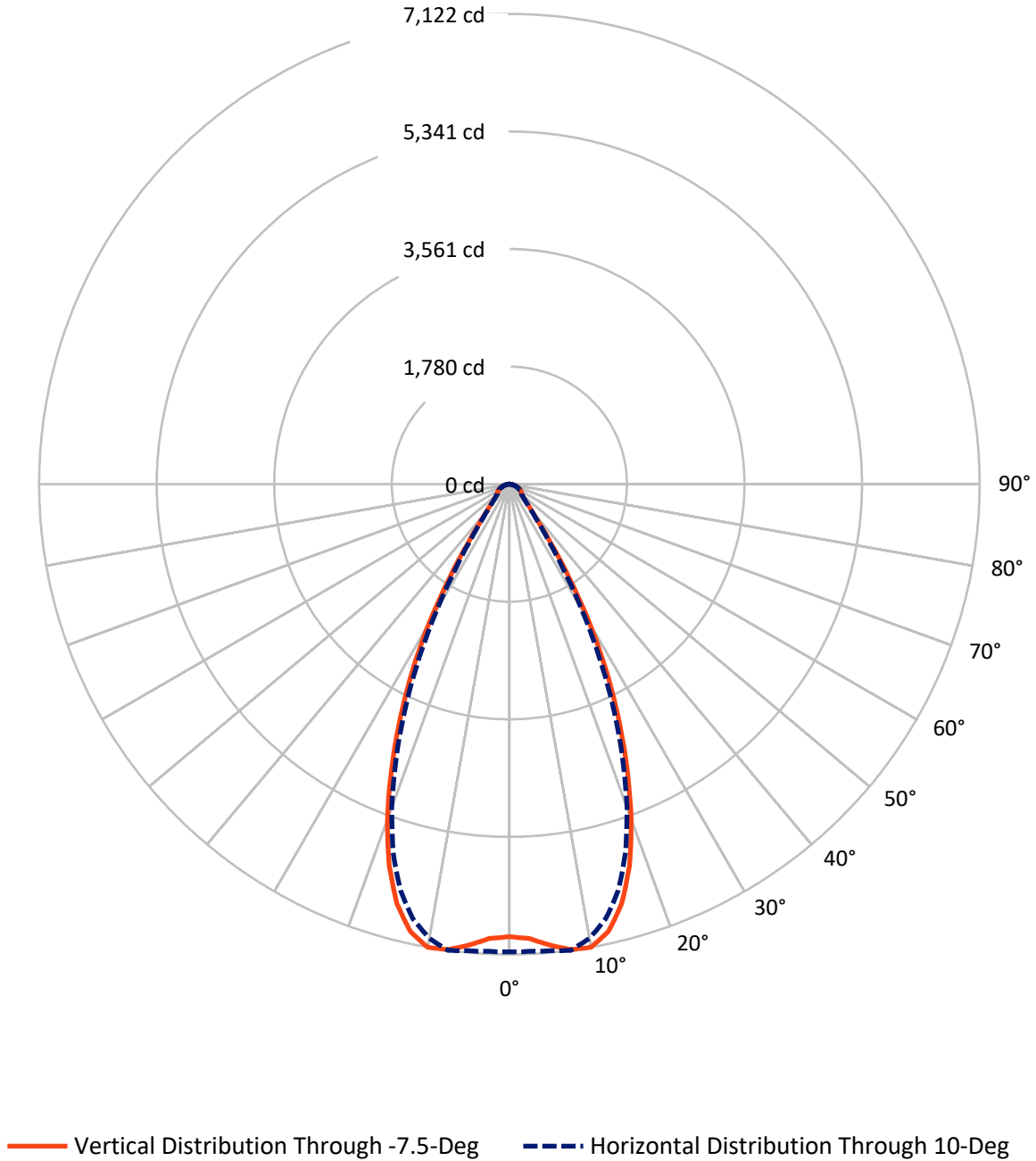
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### Lumen Table

|     |     |     |     |     |      |       |       |       |       |       |       |      |     |     |     |     |    |    |    |
|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|-----|----|----|----|
| 90  |     |     |     |     |      |       |       |       |       |       |       |      |     |     |     |     |    |    |    |
| 80  | 0.2 | 1.4 |     | 3.8 |      | 6.0   |       | 6.7   |       | 6.0   |       | 3.8  |     | 1.4 |     | 0.2 |    |    |    |
| 70  |     |     |     |     |      |       |       |       |       |       |       |      |     |     |     |     |    |    |    |
| 60  | 0.6 | 0.7 | 1.5 | 2.4 | 3.4  | 4.1   | 4.7   | 4.9   | 4.9   | 4.7   | 4.1   | 3.4  | 2.4 | 1.5 | 0.7 | 0.6 |    |    |    |
| 50  |     | 1.1 | 2.2 | 3.5 | 4.7  | 5.7   | 6.3   | 6.6   | 6.6   | 6.3   | 5.7   | 4.7  | 3.5 | 2.2 | 1.1 |     |    |    |    |
| 40  | 1.1 | 1.4 | 2.8 | 4.2 | 5.7  | 7.4   | 9.3   | 10.7  | 10.7  | 9.3   | 7.4   | 5.7  | 4.2 | 2.8 | 1.4 | 1.1 |    |    |    |
| 30  |     | 1.7 | 3.2 | 4.9 | 7.5  | 13.8  | 26.4  | 39.1  | 39.1  | 26.4  | 13.8  | 7.5  | 4.9 | 3.2 | 1.7 |     |    |    |    |
| 20  | 1.5 | 1.9 | 3.5 | 5.7 | 12.4 | 38.9  | 87.3  | 121.9 | 121.9 | 87.3  | 38.9  | 12.4 | 5.7 | 3.5 | 1.9 | 1.5 |    |    |    |
| 10  |     | 2.0 | 3.7 | 6.8 | 22.4 | 83.0  | 158.4 | 198.3 | 198.3 | 158.4 | 83.0  | 22.4 | 6.8 | 3.7 | 2.0 |     |    |    |    |
| 0   | 1.6 | 2.1 | 3.8 | 7.6 | 32.3 | 113.5 | 192.2 | 209.1 | 209.1 | 192.2 | 113.5 | 32.3 | 7.6 | 3.8 | 2.1 | 1.6 |    |    |    |
| -10 |     | 2.1 | 3.8 | 7.6 | 32.3 | 113.5 | 192.2 | 209.1 | 209.1 | 192.2 | 113.5 | 32.3 | 7.6 | 3.8 | 2.1 |     |    |    |    |
| -20 | 1.5 | 2.0 | 3.7 | 6.8 | 22.4 | 83.0  | 158.4 | 198.3 | 198.3 | 158.4 | 83.0  | 22.4 | 6.8 | 3.7 | 2.0 | 1.5 |    |    |    |
| -30 |     | 1.9 | 3.5 | 5.7 | 12.4 | 38.9  | 87.3  | 121.9 | 121.9 | 87.3  | 38.9  | 12.4 | 5.7 | 3.5 | 1.9 |     |    |    |    |
| -40 | 1.1 | 1.7 | 3.2 | 4.9 | 7.5  | 13.8  | 26.4  | 39.1  | 39.1  | 26.4  | 13.8  | 7.5  | 4.9 | 3.2 | 1.7 | 1.1 |    |    |    |
| -50 |     | 1.4 | 2.8 | 4.2 | 5.7  | 7.4   | 9.3   | 10.7  | 10.7  | 9.3   | 7.4   | 5.7  | 4.2 | 2.8 | 1.4 |     |    |    |    |
| -60 | 0.6 | 1.1 | 2.2 | 3.5 | 4.7  | 5.7   | 6.3   | 6.6   | 6.6   | 6.3   | 5.7   | 4.7  | 3.5 | 2.2 | 1.1 | 0.6 |    |    |    |
| -70 |     | 0.7 | 1.5 | 2.4 | 3.4  | 4.1   | 4.7   | 4.9   | 4.9   | 4.7   | 4.1   | 3.4  | 2.4 | 1.5 | 0.7 |     |    |    |    |
| -80 |     |     |     |     |      |       |       |       |       |       |       |      |     |     |     |     |    |    |    |
| -90 | 0.2 | 1.4 |     | 3.8 |      | 6.0   |       | 6.7   |       | 6.0   |       | 3.8  |     | 1.4 |     | 0.2 |    |    |    |
|     | -90 | -80 | -70 | -60 | -50  | -40   | -30   | -20   | -10   | 0     | 10    | 20   | 30  | 40  | 50  | 60  | 70 | 80 | 90 |

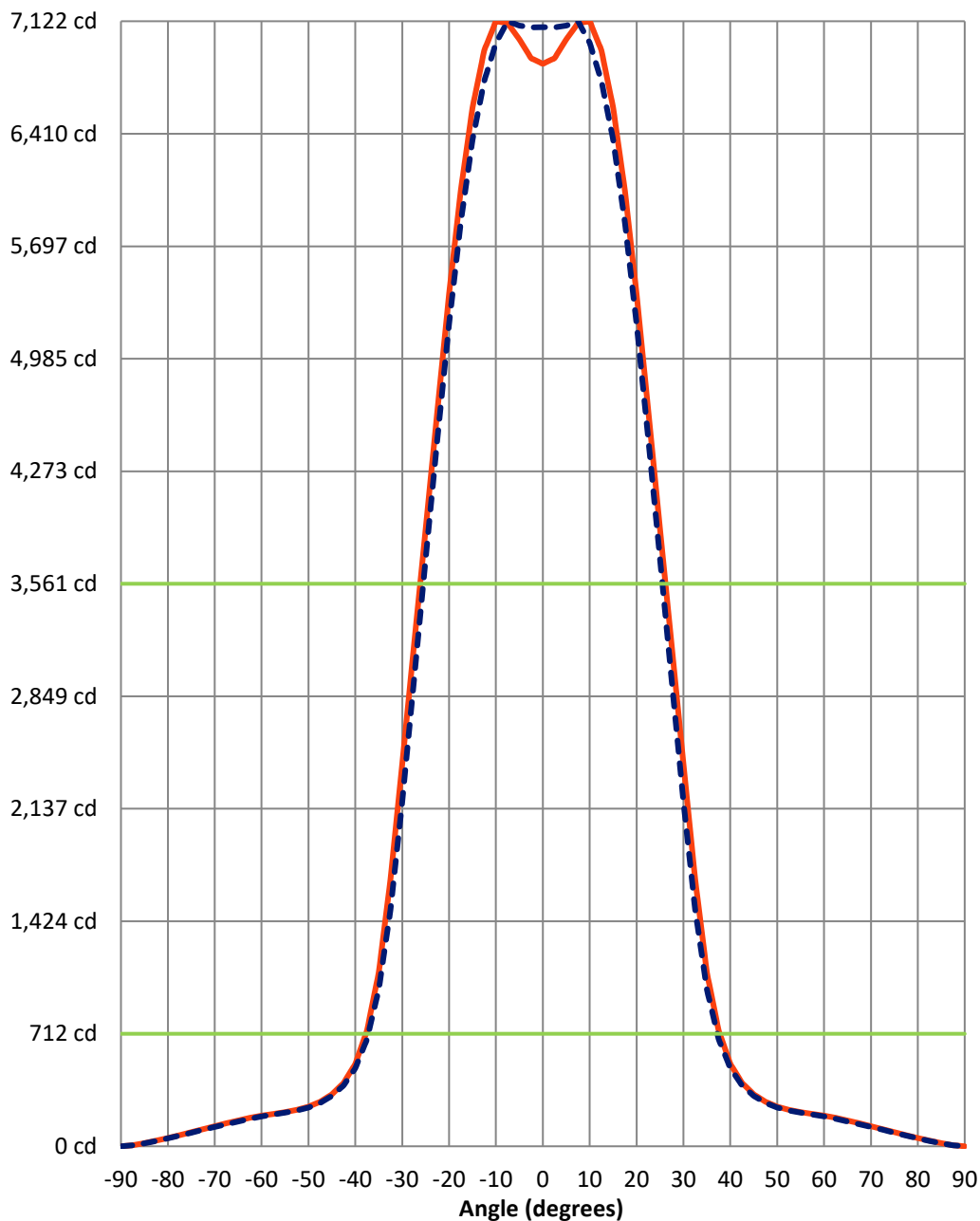
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CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 4023.1  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 5231.2  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 830.1  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| 90°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
| 87.5°  | 0.0  | 0.3    | 0.5  | 0.8    | 1.1  | 1.3    | 1.6  | 2.0    | 2.3   | 2.7    | 3.2   |
| 85°    | 0.0  | 0.5    | 1.1  | 1.6    | 2.2  | 2.7    | 3.2  | 3.9    | 4.7   | 5.5    | 6.3   |
| 82.5°  | 0.0  | 0.8    | 1.6  | 2.4    | 3.2  | 4.0    | 4.8  | 5.9    | 7.1   | 9.0    | 10.8  |
| 80°    | 0.0  | 1.1    | 2.2  | 3.2    | 4.3  | 5.3    | 6.6  | 9.1    | 11.6  | 13.8   | 16.0  |
| 77.5°  | 0.0  | 1.3    | 2.7  | 4.0    | 5.3  | 7.2    | 10.1 | 13.1   | 15.9  | 18.6   | 21.5  |
| 75°    | 0.0  | 1.6    | 3.2  | 4.8    | 6.6  | 10.1   | 13.5 | 17.0   | 20.4  | 24.3   | 28.2  |
| 72.5°  | 0.0  | 1.9    | 3.7  | 5.6    | 8.9  | 12.9   | 17.0 | 21.1   | 25.8  | 30.3   | 34.8  |
| 70°    | 0.0  | 2.1    | 4.2  | 6.5    | 11.2 | 15.8   | 20.4 | 25.8   | 31.0  | 36.2   | 41.7  |
| 67.5°  | 0.0  | 2.4    | 4.7  | 8.2    | 13.4 | 18.5   | 24.3 | 30.3   | 36.2  | 42.4   | 48.6  |
| 65°    | 0.0  | 2.6    | 5.2  | 9.8    | 15.6 | 21.5   | 28.1 | 34.8   | 41.5  | 48.3   | 55.6  |
| 62.5°  | 0.0  | 2.9    | 5.7  | 11.4   | 17.7 | 24.5   | 31.8 | 39.2   | 46.6  | 54.3   | 63.1  |
| 60°    | 0.0  | 3.1    | 6.2  | 13.0   | 19.8 | 27.5   | 35.5 | 43.6   | 51.6  | 60.9   | 70.4  |
| 57.5°  | 0.0  | 3.3    | 7.2  | 14.5   | 22.1 | 30.4   | 39.1 | 47.7   | 57.0  | 67.2   | 77.3  |
| 55°    | 0.0  | 3.6    | 8.2  | 16.0   | 24.3 | 33.2   | 42.6 | 51.9   | 62.4  | 73.3   | 83.9  |
| 52.5°  | 0.0  | 3.8    | 9.1  | 17.5   | 26.5 | 36.0   | 46.1 | 56.4   | 67.6  | 79.1   | 90.3  |
| 50°    | 0.0  | 4.0    | 10.0 | 18.9   | 28.5 | 38.8   | 49.5 | 60.8   | 72.6  | 84.7   | 96.6  |
| 47.5°  | 0.0  | 4.2    | 10.9 | 20.3   | 30.5 | 41.5   | 52.8 | 65.0   | 77.4  | 90.1   | 102.6 |
| 45°    | 0.0  | 4.4    | 11.7 | 21.7   | 32.4 | 44.2   | 56.3 | 69.1   | 82.1  | 95.3   | 108.4 |
| 42.5°  | 0.0  | 4.6    | 12.5 | 23.0   | 34.2 | 46.7   | 59.6 | 72.9   | 86.5  | 100.2  | 113.8 |
| 40°    | 0.0  | 4.7    | 13.3 | 24.3   | 36.1 | 49.2   | 62.7 | 76.5   | 90.7  | 105.0  | 119.1 |
| 37.5°  | 0.0  | 4.9    | 14.0 | 25.5   | 37.9 | 51.5   | 65.6 | 80.0   | 94.7  | 109.6  | 124.2 |
| 35°    | 0.0  | 5.1    | 14.6 | 26.6   | 39.7 | 53.8   | 68.4 | 83.2   | 98.6  | 113.9  | 128.9 |
| 32.5°  | 0.0  | 5.2    | 15.2 | 27.6   | 41.3 | 56.0   | 71.0 | 86.1   | 102.3 | 117.9  | 133.0 |
| 30°    | 0.0  | 5.4    | 15.8 | 28.5   | 42.9 | 58.0   | 73.3 | 88.9   | 105.7 | 121.6  | 136.9 |
| 27.5°  | 0.0  | 5.5    | 16.3 | 29.4   | 44.3 | 59.8   | 75.5 | 91.7   | 108.9 | 124.9  | 140.5 |
| 25°    | 0.0  | 5.6    | 16.8 | 30.2   | 45.5 | 61.5   | 77.5 | 94.3   | 111.6 | 127.9  | 143.8 |
| 22.5°  | 0.0  | 5.7    | 17.2 | 30.9   | 46.7 | 63.0   | 79.2 | 96.6   | 114.1 | 130.5  | 146.7 |
| 20°    | 0.0  | 5.8    | 17.6 | 31.6   | 47.7 | 64.3   | 80.8 | 98.7   | 116.3 | 132.9  | 149.4 |
| 17.5°  | 0.0  | 5.9    | 17.9 | 32.2   | 48.6 | 65.4   | 82.2 | 100.6  | 118.2 | 135.0  | 151.7 |
| 15°    | 0.0  | 6.0    | 18.1 | 32.6   | 49.3 | 66.4   | 83.5 | 102.3  | 119.7 | 136.7  | 153.7 |
| 12.5°  | 0.0  | 6.1    | 18.4 | 33.0   | 50.0 | 67.2   | 84.6 | 103.8  | 121.2 | 138.2  | 155.3 |
| 10°    | 0.0  | 6.1    | 18.5 | 33.3   | 50.5 | 67.8   | 85.5 | 105.0  | 122.4 | 139.6  | 156.7 |
| 7.5°   | 0.0  | 6.1    | 18.6 | 33.5   | 50.8 | 68.2   | 86.2 | 106.0  | 123.4 | 140.7  | 157.9 |
| 5°     | 0.0  | 6.2    | 18.7 | 33.7   | 51.0 | 68.5   | 86.8 | 106.7  | 124.0 | 141.5  | 158.8 |
| 2.5°   | 0.0  | 6.2    | 18.7 | 33.7   | 51.1 | 68.6   | 87.1 | 107.1  | 124.5 | 141.9  | 159.3 |
| 0°     | 0.0  | 6.2    | 18.7 | 33.7   | 51.1 | 68.6   | 87.2 | 107.2  | 124.6 | 142.1  | 159.5 |
| -2.5°  | 0.0  | 6.2    | 18.7 | 33.7   | 51.1 | 68.6   | 87.1 | 107.1  | 124.5 | 141.9  | 159.3 |
| -5°    | 0.0  | 6.2    | 18.7 | 33.7   | 51.0 | 68.5   | 86.8 | 106.7  | 124.0 | 141.5  | 158.8 |
| -7.5°  | 0.0  | 6.1    | 18.6 | 33.5   | 50.8 | 68.2   | 86.2 | 106.0  | 123.4 | 140.7  | 157.9 |
| -10°   | 0.0  | 6.1    | 18.5 | 33.3   | 50.5 | 67.8   | 85.5 | 105.0  | 122.4 | 139.6  | 156.7 |
| -12.5° | 0.0  | 6.1    | 18.4 | 33.0   | 50.0 | 67.2   | 84.6 | 103.8  | 121.2 | 138.2  | 155.3 |
| -15°   | 0.0  | 6.0    | 18.1 | 32.6   | 49.3 | 66.4   | 83.5 | 102.3  | 119.7 | 136.7  | 153.7 |
| -17.5° | 0.0  | 5.9    | 17.9 | 32.2   | 48.6 | 65.4   | 82.2 | 100.6  | 118.2 | 135.0  | 151.7 |
| -20°   | 0.0  | 5.8    | 17.6 | 31.6   | 47.7 | 64.3   | 80.8 | 98.7   | 116.3 | 132.9  | 149.4 |

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CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 0.0  | 5.7    | 17.2 | 30.9   | 46.7 | 63.0   | 79.2 | 96.6   | 114.1 | 130.5  | 146.7 |
| -25°   | 0.0  | 5.6    | 16.8 | 30.2   | 45.5 | 61.5   | 77.5 | 94.3   | 111.6 | 127.9  | 143.8 |
| -27.5° | 0.0  | 5.5    | 16.3 | 29.4   | 44.3 | 59.8   | 75.5 | 91.7   | 108.9 | 124.9  | 140.5 |
| -30°   | 0.0  | 5.4    | 15.8 | 28.5   | 42.9 | 58.0   | 73.3 | 88.9   | 105.7 | 121.6  | 136.9 |
| -32.5° | 0.0  | 5.2    | 15.2 | 27.6   | 41.3 | 56.0   | 71.0 | 86.1   | 102.3 | 117.9  | 133.0 |
| -35°   | 0.0  | 5.1    | 14.6 | 26.6   | 39.7 | 53.8   | 68.4 | 83.2   | 98.6  | 113.9  | 128.9 |
| -37.5° | 0.0  | 4.9    | 14.0 | 25.5   | 37.9 | 51.5   | 65.6 | 80.0   | 94.7  | 109.6  | 124.2 |
| -40°   | 0.0  | 4.7    | 13.3 | 24.3   | 36.1 | 49.2   | 62.7 | 76.5   | 90.7  | 105.0  | 119.1 |
| -42.5° | 0.0  | 4.6    | 12.5 | 23.0   | 34.2 | 46.7   | 59.6 | 72.9   | 86.5  | 100.2  | 113.8 |
| -45°   | 0.0  | 4.4    | 11.7 | 21.7   | 32.4 | 44.2   | 56.3 | 69.1   | 82.1  | 95.3   | 108.4 |
| -47.5° | 0.0  | 4.2    | 10.9 | 20.3   | 30.5 | 41.5   | 52.8 | 65.0   | 77.4  | 90.1   | 102.6 |
| -50°   | 0.0  | 4.0    | 10.0 | 18.9   | 28.5 | 38.8   | 49.5 | 60.8   | 72.6  | 84.7   | 96.6  |
| -52.5° | 0.0  | 3.8    | 9.1  | 17.5   | 26.5 | 36.0   | 46.1 | 56.4   | 67.6  | 79.1   | 90.3  |
| -55°   | 0.0  | 3.6    | 8.2  | 16.0   | 24.3 | 33.2   | 42.6 | 51.9   | 62.4  | 73.3   | 83.9  |
| -57.5° | 0.0  | 3.3    | 7.2  | 14.5   | 22.1 | 30.4   | 39.1 | 47.7   | 57.0  | 67.2   | 77.3  |
| -60°   | 0.0  | 3.1    | 6.2  | 13.0   | 19.8 | 27.5   | 35.5 | 43.6   | 51.6  | 60.9   | 70.4  |
| -62.5° | 0.0  | 2.9    | 5.7  | 11.4   | 17.7 | 24.5   | 31.8 | 39.2   | 46.6  | 54.3   | 63.1  |
| -65°   | 0.0  | 2.6    | 5.2  | 9.8    | 15.6 | 21.5   | 28.1 | 34.8   | 41.5  | 48.3   | 55.6  |
| -67.5° | 0.0  | 2.4    | 4.7  | 8.2    | 13.4 | 18.5   | 24.3 | 30.3   | 36.2  | 42.4   | 48.6  |
| -70°   | 0.0  | 2.1    | 4.2  | 6.5    | 11.2 | 15.8   | 20.4 | 25.8   | 31.0  | 36.2   | 41.7  |
| -72.5° | 0.0  | 1.9    | 3.7  | 5.6    | 8.9  | 12.9   | 17.0 | 21.1   | 25.8  | 30.3   | 34.8  |
| -75°   | 0.0  | 1.6    | 3.2  | 4.8    | 6.6  | 10.1   | 13.5 | 17.0   | 20.4  | 24.3   | 28.2  |
| -77.5° | 0.0  | 1.3    | 2.7  | 4.0    | 5.3  | 7.2    | 10.1 | 13.1   | 15.9  | 18.6   | 21.5  |
| -80°   | 0.0  | 1.1    | 2.2  | 3.2    | 4.3  | 5.3    | 6.6  | 9.1    | 11.6  | 13.8   | 16.0  |
| -82.5° | 0.0  | 0.8    | 1.6  | 2.4    | 3.2  | 4.0    | 4.8  | 5.9    | 7.1   | 9.0    | 10.8  |
| -85°   | 0.0  | 0.5    | 1.1  | 1.6    | 2.2  | 2.7    | 3.2  | 3.9    | 4.7   | 5.5    | 6.3   |
| -87.5° | 0.0  | 0.3    | 0.5  | 0.8    | 1.1  | 1.3    | 1.6  | 2.0    | 2.3   | 2.7    | 3.2   |
| -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°  | 3.5    | 3.7   | 4.0    | 4.3   | 4.6    | 4.8   | 5.1    | 5.3   | 5.5    | 5.7   | 5.9    |
| 85°    | 6.9    | 7.5   | 8.5    | 9.5   | 10.5   | 11.4  | 12.3   | 13.2  | 14.0   | 14.8  | 15.5   |
| 82.5°  | 12.4   | 14.0  | 15.6   | 17.3  | 18.8   | 20.2  | 21.6   | 23.0  | 24.4   | 25.8  | 27.2   |
| 80°    | 18.1   | 20.4  | 23.0   | 25.4  | 27.6   | 29.6  | 31.6   | 33.4  | 35.5   | 37.7  | 39.9   |
| 77.5°  | 24.8   | 28.1  | 31.1   | 33.9  | 36.6   | 39.6  | 42.5   | 45.2  | 48.1   | 50.9  | 53.6   |
| 75°    | 32.0   | 35.7  | 39.6   | 43.4  | 47.1   | 50.6  | 54.1   | 57.7  | 61.3   | 64.8  | 68.2   |
| 72.5°  | 39.5   | 44.1  | 48.7   | 53.1  | 57.7   | 62.2  | 66.5   | 70.6  | 74.9   | 79.3  | 83.4   |
| 70°    | 47.2   | 52.5  | 58.1   | 63.5  | 68.7   | 73.9  | 79.1   | 84.2  | 89.2   | 94.2  | 99.3   |
| 67.5°  | 55.0   | 61.7  | 68.0   | 74.0  | 80.0   | 86.2  | 92.1   | 98.1  | 104.0  | 109.9 | 115.6  |
| 65°    | 63.6   | 70.8  | 77.7   | 84.6  | 91.5   | 98.7  | 105.7  | 112.4 | 119.3  | 125.9 | 131.8  |
| 62.5°  | 71.9   | 79.7  | 87.3   | 95.1  | 103.3  | 111.4 | 119.1  | 126.9 | 134.8  | 141.7 | 147.6  |
| 60°    | 79.7   | 88.3  | 96.8   | 105.7 | 114.8  | 123.5 | 132.1  | 140.5 | 149.0  | 156.9 | 161.8  |
| 57.5°  | 87.1   | 96.6  | 106.1  | 115.7 | 125.3  | 135.0 | 144.0  | 153.3 | 161.2  | 167.8 | 173.5  |
| 55°    | 94.4   | 104.7 | 114.8  | 124.9 | 135.2  | 145.4 | 155.2  | 164.0 | 171.7  | 177.3 | 182.8  |
| 52.5°  | 101.5  | 112.4 | 122.8  | 133.7 | 144.7  | 155.4 | 165.7  | 173.9 | 180.2  | 185.9 | 191.0  |
| 50°    | 108.3  | 119.4 | 130.4  | 142.2 | 153.8  | 165.2 | 174.9  | 182.0 | 188.4  | 194.0 | 199.3  |
| 47.5°  | 114.8  | 126.3 | 138.1  | 150.5 | 162.7  | 173.7 | 182.6  | 190.0 | 196.6  | 202.6 | 208.9  |
| 45°    | 121.0  | 133.2 | 145.6  | 158.4 | 170.9  | 181.5 | 190.1  | 198.1 | 204.3  | 211.0 | 218.3  |
| 42.5°  | 127.0  | 139.8 | 152.9  | 166.1 | 178.7  | 188.6 | 197.1  | 204.5 | 211.7  | 219.7 | 228.5  |
| 40°    | 132.7  | 146.1 | 159.7  | 173.4 | 186.0  | 194.8 | 203.1  | 211.0 | 219.7  | 229.2 | 239.4  |
| 37.5°  | 138.0  | 151.9 | 166.0  | 180.4 | 191.3  | 200.4 | 209.0  | 217.7 | 227.9  | 238.9 | 252.8  |
| 35°    | 143.1  | 157.4 | 172.0  | 185.7 | 196.1  | 205.8 | 214.6  | 224.4 | 236.3  | 250.7 | 268.4  |
| 32.5°  | 147.7  | 162.4 | 177.5  | 190.0 | 200.6  | 210.6 | 219.7  | 231.8 | 246.2  | 263.3 | 288.4  |
| 30°    | 152.0  | 167.1 | 182.1  | 194.3 | 204.6  | 214.7 | 225.7  | 239.4 | 256.2  | 281.2 | 313.3  |
| 27.5°  | 155.9  | 171.3 | 185.8  | 197.8 | 208.2  | 218.5 | 231.5  | 248.1 | 270.2  | 300.1 | 339.9  |
| 25°    | 159.5  | 175.3 | 189.3  | 200.8 | 211.5  | 223.0 | 237.1  | 255.7 | 284.8  | 323.4 | 377.2  |
| 22.5°  | 162.8  | 178.9 | 192.7  | 203.4 | 214.6  | 227.0 | 243.5  | 266.8 | 300.3  | 345.4 | 414.8  |
| 20°    | 165.8  | 181.7 | 195.2  | 205.9 | 217.5  | 230.4 | 249.2  | 277.4 | 317.8  | 376.1 | 464.7  |
| 17.5°  | 168.4  | 184.1 | 197.1  | 208.2 | 220.3  | 234.2 | 254.8  | 286.5 | 333.2  | 402.9 | 515.2  |
| 15°    | 170.6  | 186.1 | 198.7  | 210.2 | 222.7  | 238.6 | 262.5  | 298.4 | 351.2  | 430.8 | 559.1  |
| 12.5°  | 172.4  | 187.8 | 200.0  | 211.8 | 224.7  | 242.2 | 269.1  | 309.7 | 369.9  | 465.0 | 623.9  |
| 10°    | 173.9  | 189.1 | 201.0  | 213.1 | 226.3  | 245.2 | 274.5  | 318.9 | 385.3  | 494.6 | 679.2  |
| 7.5°   | 175.2  | 190.1 | 201.7  | 214.0 | 227.4  | 247.3 | 278.6  | 325.9 | 397.2  | 517.9 | 722.9  |
| 5°     | 176.2  | 190.7 | 202.1  | 214.5 | 228.4  | 248.8 | 281.4  | 330.8 | 405.3  | 534.6 | 753.7  |
| 2.5°   | 176.8  | 190.9 | 202.2  | 214.6 | 229.1  | 249.4 | 282.8  | 333.5 | 411.8  | 542.5 | 770.3  |
| 0°     | 177.0  | 190.7 | 201.9  | 214.4 | 229.3  | 249.3 | 282.9  | 334.0 | 415.0  | 542.2 | 772.7  |
| -2.5°  | 176.8  | 190.9 | 202.2  | 214.6 | 229.1  | 249.4 | 282.8  | 333.5 | 411.8  | 542.5 | 770.3  |
| -5°    | 176.2  | 190.7 | 202.1  | 214.5 | 228.4  | 248.8 | 281.4  | 330.8 | 405.3  | 534.6 | 753.7  |
| -7.5°  | 175.2  | 190.1 | 201.7  | 214.0 | 227.4  | 247.3 | 278.6  | 325.9 | 397.2  | 517.9 | 722.9  |
| -10°   | 173.9  | 189.1 | 201.0  | 213.1 | 226.3  | 245.2 | 274.5  | 318.9 | 385.3  | 494.6 | 679.2  |
| -12.5° | 172.4  | 187.8 | 200.0  | 211.8 | 224.7  | 242.2 | 269.1  | 309.7 | 369.9  | 465.0 | 623.9  |
| -15°   | 170.6  | 186.1 | 198.7  | 210.2 | 222.7  | 238.6 | 262.5  | 298.4 | 351.2  | 430.8 | 559.1  |
| -17.5° | 168.4  | 184.1 | 197.1  | 208.2 | 220.3  | 234.2 | 254.8  | 286.5 | 333.2  | 402.9 | 515.2  |
| -20°   | 165.8  | 181.7 | 195.2  | 205.9 | 217.5  | 230.4 | 249.2  | 277.4 | 317.8  | 376.1 | 464.7  |

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

Scaled Data Report



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°  | -42.5° | -40°  | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 162.8  | 178.9 | 192.7  | 203.4 | 214.6  | 227.0 | 243.5  | 266.8 | 300.3  | 345.4 | 414.8  |
| -25°   | 159.5  | 175.3 | 189.3  | 200.8 | 211.5  | 223.0 | 237.1  | 255.7 | 284.8  | 323.4 | 377.2  |
| -27.5° | 155.9  | 171.3 | 185.8  | 197.8 | 208.2  | 218.5 | 231.5  | 248.1 | 270.2  | 300.1 | 339.9  |
| -30°   | 152.0  | 167.1 | 182.1  | 194.3 | 204.6  | 214.7 | 225.7  | 239.4 | 256.2  | 281.2 | 313.3  |
| -32.5° | 147.7  | 162.4 | 177.5  | 190.0 | 200.6  | 210.6 | 219.7  | 231.8 | 246.2  | 263.3 | 288.4  |
| -35°   | 143.1  | 157.4 | 172.0  | 185.7 | 196.1  | 205.8 | 214.6  | 224.4 | 236.3  | 250.7 | 268.4  |
| -37.5° | 138.0  | 151.9 | 166.0  | 180.4 | 191.3  | 200.4 | 209.0  | 217.7 | 227.9  | 238.9 | 252.8  |
| -40°   | 132.7  | 146.1 | 159.7  | 173.4 | 186.0  | 194.8 | 203.1  | 211.0 | 219.7  | 229.2 | 239.4  |
| -42.5° | 127.0  | 139.8 | 152.9  | 166.1 | 178.7  | 188.6 | 197.1  | 204.5 | 211.7  | 219.7 | 228.5  |
| -45°   | 121.0  | 133.2 | 145.6  | 158.4 | 170.9  | 181.5 | 190.1  | 198.1 | 204.3  | 211.0 | 218.3  |
| -47.5° | 114.8  | 126.3 | 138.1  | 150.5 | 162.7  | 173.7 | 182.6  | 190.0 | 196.6  | 202.6 | 208.9  |
| -50°   | 108.3  | 119.4 | 130.4  | 142.2 | 153.8  | 165.2 | 174.9  | 182.0 | 188.4  | 194.0 | 199.3  |
| -52.5° | 101.5  | 112.4 | 122.8  | 133.7 | 144.7  | 155.4 | 165.7  | 173.9 | 180.2  | 185.9 | 191.0  |
| -55°   | 94.4   | 104.7 | 114.8  | 124.9 | 135.2  | 145.4 | 155.2  | 164.0 | 171.7  | 177.3 | 182.8  |
| -57.5° | 87.1   | 96.6  | 106.1  | 115.7 | 125.3  | 135.0 | 144.0  | 153.3 | 161.2  | 167.8 | 173.5  |
| -60°   | 79.7   | 88.3  | 96.8   | 105.7 | 114.8  | 123.5 | 132.1  | 140.5 | 149.0  | 156.9 | 161.8  |
| -62.5° | 71.9   | 79.7  | 87.3   | 95.1  | 103.3  | 111.4 | 119.1  | 126.9 | 134.8  | 141.7 | 147.6  |
| -65°   | 63.6   | 70.8  | 77.7   | 84.6  | 91.5   | 98.7  | 105.7  | 112.4 | 119.3  | 125.9 | 131.8  |
| -67.5° | 55.0   | 61.7  | 68.0   | 74.0  | 80.0   | 86.2  | 92.1   | 98.1  | 104.0  | 109.9 | 115.6  |
| -70°   | 47.2   | 52.5  | 58.1   | 63.5  | 68.7   | 73.9  | 79.1   | 84.2  | 89.2   | 94.2  | 99.3   |
| -72.5° | 39.5   | 44.1  | 48.7   | 53.1  | 57.7   | 62.2  | 66.5   | 70.6  | 74.9   | 79.3  | 83.4   |
| -75°   | 32.0   | 35.7  | 39.6   | 43.4  | 47.1   | 50.6  | 54.1   | 57.7  | 61.3   | 64.8  | 68.2   |
| -77.5° | 24.8   | 28.1  | 31.1   | 33.9  | 36.6   | 39.6  | 42.5   | 45.2  | 48.1   | 50.9  | 53.6   |
| -80°   | 18.1   | 20.4  | 23.0   | 25.4  | 27.6   | 29.6  | 31.6   | 33.4  | 35.5   | 37.7  | 39.9   |
| -82.5° | 12.4   | 14.0  | 15.6   | 17.3  | 18.8   | 20.2  | 21.6   | 23.0  | 24.4   | 25.8  | 27.2   |
| -85°   | 6.9    | 7.5   | 8.5    | 9.5   | 10.5   | 11.4  | 12.3   | 13.2  | 14.0   | 14.8  | 15.5   |
| -87.5° | 3.5    | 3.7   | 4.0    | 4.3   | 4.6    | 4.8   | 5.1    | 5.3   | 5.5    | 5.7   | 5.9    |
| -90°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-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°  | 6.1    | 6.1    | 5.9    | 5.8    | 5.6    | 6.0    | 6.4    | 6.8    | 7.2    | 7.0    | 6.7    |
| 85°    | 16.2   | 16.6   | 16.9   | 17.1   | 17.3   | 18.1   | 18.9   | 19.6   | 20.3   | 20.2   | 20.1   |
| 82.5°  | 28.6   | 29.5   | 30.2   | 30.9   | 31.5   | 32.5   | 33.3   | 34.0   | 34.6   | 35.0   | 35.4   |
| 80°    | 42.1   | 43.5   | 44.8   | 46.0   | 47.0   | 48.2   | 49.3   | 50.3   | 51.2   | 51.7   | 51.9   |
| 77.5°  | 56.3   | 58.5   | 60.5   | 62.3   | 64.1   | 65.8   | 67.4   | 68.8   | 70.1   | 70.4   | 70.3   |
| 75°    | 71.4   | 74.4   | 77.1   | 79.7   | 82.0   | 84.1   | 85.8   | 87.2   | 88.3   | 88.9   | 89.2   |
| 72.5°  | 87.4   | 91.0   | 94.3   | 97.2   | 99.7   | 101.8  | 103.5  | 105.1  | 106.4  | 107.2  | 107.7  |
| 70°    | 104.1  | 108.3  | 111.6  | 114.4  | 116.5  | 118.6  | 120.9  | 123.1  | 125.2  | 126.3  | 126.8  |
| 67.5°  | 120.7  | 125.1  | 128.2  | 130.6  | 132.6  | 134.6  | 137.6  | 140.2  | 142.5  | 144.1  | 145.1  |
| 65°    | 137.0  | 141.6  | 144.7  | 147.1  | 148.9  | 151.0  | 154.2  | 156.8  | 158.8  | 160.4  | 161.8  |
| 62.5°  | 153.1  | 157.8  | 161.2  | 164.0  | 166.7  | 168.9  | 171.6  | 173.8  | 175.5  | 177.1  | 178.8  |
| 60°    | 167.1  | 172.6  | 176.2  | 179.1  | 182.3  | 185.8  | 187.8  | 189.5  | 190.9  | 192.1  | 193.2  |
| 57.5°  | 178.5  | 183.5  | 188.1  | 191.5  | 194.9  | 198.1  | 200.4  | 202.0  | 203.2  | 204.2  | 204.5  |
| 55°    | 188.1  | 193.2  | 198.3  | 202.0  | 205.3  | 208.4  | 210.9  | 212.9  | 214.6  | 215.9  | 216.2  |
| 52.5°  | 196.6  | 202.3  | 207.3  | 211.7  | 216.1  | 219.7  | 222.5  | 225.2  | 227.6  | 229.5  | 230.4  |
| 50°    | 205.9  | 211.9  | 218.2  | 224.0  | 228.7  | 232.8  | 236.2  | 240.1  | 244.1  | 247.5  | 249.6  |
| 47.5°  | 215.7  | 222.6  | 230.2  | 237.3  | 242.9  | 248.9  | 254.6  | 260.3  | 267.9  | 274.3  | 279.0  |
| 45°    | 225.9  | 234.8  | 243.4  | 252.5  | 260.1  | 271.6  | 282.2  | 291.4  | 303.5  | 314.5  | 323.3  |
| 42.5°  | 238.0  | 249.1  | 259.7  | 274.2  | 289.5  | 305.1  | 322.0  | 336.4  | 355.4  | 374.7  | 390.2  |
| 40°    | 252.3  | 266.5  | 285.2  | 304.7  | 328.7  | 350.2  | 379.4  | 405.4  | 434.4  | 471.3  | 501.7  |
| 37.5°  | 269.6  | 291.4  | 317.3  | 344.5  | 382.0  | 417.8  | 466.0  | 516.8  | 563.0  | 633.7  | 693.3  |
| 35°    | 292.0  | 322.5  | 356.6  | 404.8  | 457.8  | 524.9  | 600.1  | 698.2  | 782.4  | 901.8  | 1015.9 |
| 32.5°  | 320.8  | 360.1  | 415.9  | 490.2  | 568.6  | 690.3  | 809.6  | 980.0  | 1137.8 | 1327.1 | 1531.3 |
| 30°    | 352.9  | 412.7  | 497.9  | 599.9  | 746.0  | 925.1  | 1135.4 | 1397.2 | 1683.7 | 1949.6 | 2211.7 |
| 27.5°  | 399.5  | 485.1  | 597.1  | 761.5  | 989.3  | 1239.8 | 1608.5 | 1963.8 | 2334.5 | 2664.0 | 2938.8 |
| 25°    | 453.8  | 567.0  | 740.1  | 982.2  | 1290.3 | 1719.3 | 2160.6 | 2599.1 | 2997.8 | 3342.7 | 3646.4 |
| 22.5°  | 524.0  | 686.7  | 917.5  | 1231.2 | 1710.8 | 2225.1 | 2742.5 | 3226.2 | 3651.5 | 4035.6 | 4364.2 |
| 20°    | 600.3  | 803.9  | 1133.5 | 1601.2 | 2149.8 | 2735.7 | 3319.9 | 3835.1 | 4303.4 | 4738.9 | 5109.4 |
| 17.5°  | 697.0  | 982.1  | 1399.5 | 1960.6 | 2594.9 | 3236.8 | 3850.6 | 4409.7 | 4940.9 | 5401.8 | 5788.8 |
| 15°    | 779.4  | 1139.1 | 1683.9 | 2341.9 | 3028.0 | 3705.1 | 4353.1 | 4960.4 | 5512.7 | 5985.6 | 6349.4 |
| 12.5°  | 889.4  | 1315.1 | 1936.3 | 2669.8 | 3413.1 | 4125.6 | 4808.2 | 5435.9 | 5997.9 | 6465.6 | 6748.9 |
| 10°    | 993.3  | 1497.2 | 2180.4 | 2945.2 | 3717.5 | 4476.6 | 5205.5 | 5849.2 | 6371.0 | 6743.1 | 6984.4 |
| 7.5°   | 1081.7 | 1653.8 | 2378.8 | 3167.8 | 3959.3 | 4753.0 | 5490.8 | 6117.1 | 6598.3 | 6908.9 | 7077.0 |
| 5°     | 1147.6 | 1770.8 | 2526.1 | 3348.7 | 4161.0 | 4968.5 | 5700.5 | 6288.5 | 6704.4 | 6935.1 | 7019.5 |
| 2.5°   | 1189.7 | 1839.5 | 2611.6 | 3467.4 | 4295.9 | 5104.9 | 5844.4 | 6423.2 | 6776.0 | 6929.0 | 6943.6 |
| 0°     | 1206.5 | 1848.4 | 2624.8 | 3529.7 | 4329.9 | 5143.8 | 5885.3 | 6478.6 | 6802.7 | 6928.6 | 6926.1 |
| -2.5°  | 1189.7 | 1839.5 | 2611.6 | 3467.4 | 4295.9 | 5104.9 | 5844.4 | 6423.2 | 6776.0 | 6929.0 | 6943.6 |
| -5°    | 1147.6 | 1770.8 | 2526.1 | 3348.7 | 4161.0 | 4968.5 | 5700.5 | 6288.5 | 6704.4 | 6935.1 | 7019.5 |
| -7.5°  | 1081.7 | 1653.8 | 2378.8 | 3167.8 | 3959.3 | 4753.0 | 5490.8 | 6117.1 | 6598.3 | 6908.9 | 7077.0 |
| -10°   | 993.3  | 1497.2 | 2180.4 | 2945.2 | 3717.5 | 4476.6 | 5205.5 | 5849.2 | 6371.0 | 6743.1 | 6984.4 |
| -12.5° | 889.4  | 1315.1 | 1936.3 | 2669.8 | 3413.1 | 4125.6 | 4808.2 | 5435.9 | 5997.9 | 6465.6 | 6748.9 |
| -15°   | 779.4  | 1139.1 | 1683.9 | 2341.9 | 3028.0 | 3705.1 | 4353.1 | 4960.4 | 5512.7 | 5985.6 | 6349.4 |
| -17.5° | 697.0  | 982.1  | 1399.5 | 1960.6 | 2594.9 | 3236.8 | 3850.6 | 4409.7 | 4940.9 | 5401.8 | 5788.8 |
| -20°   | 600.3  | 803.9  | 1133.5 | 1601.2 | 2149.8 | 2735.7 | 3319.9 | 3835.1 | 4303.4 | 4738.9 | 5109.4 |

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Scaled Data Report



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°  | -32.5° | -30°  | -27.5° | -25°   | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 524.0 | 686.7  | 917.5 | 1231.2 | 1710.8 | 2225.1 | 2742.5 | 3226.2 | 3651.5 | 4035.6 | 4364.2 |
| -25°   | 453.8 | 567.0  | 740.1 | 982.2  | 1290.3 | 1719.3 | 2160.6 | 2599.1 | 2997.8 | 3342.7 | 3646.4 |
| -27.5° | 399.5 | 485.1  | 597.1 | 761.5  | 989.3  | 1239.8 | 1608.5 | 1963.8 | 2334.5 | 2664.0 | 2938.8 |
| -30°   | 352.9 | 412.7  | 497.9 | 599.9  | 746.0  | 925.1  | 1135.4 | 1397.2 | 1683.7 | 1949.6 | 2211.7 |
| -32.5° | 320.8 | 360.1  | 415.9 | 490.2  | 568.6  | 690.3  | 809.6  | 980.0  | 1137.8 | 1327.1 | 1531.3 |
| -35°   | 292.0 | 322.5  | 356.6 | 404.8  | 457.8  | 524.9  | 600.1  | 698.2  | 782.4  | 901.8  | 1015.9 |
| -37.5° | 269.6 | 291.4  | 317.3 | 344.5  | 382.0  | 417.8  | 466.0  | 516.8  | 563.0  | 633.7  | 693.3  |
| -40°   | 252.3 | 266.5  | 285.2 | 304.7  | 328.7  | 350.2  | 379.4  | 405.4  | 434.4  | 471.3  | 501.7  |
| -42.5° | 238.0 | 249.1  | 259.7 | 274.2  | 289.5  | 305.1  | 322.0  | 336.4  | 355.4  | 374.7  | 390.2  |
| -45°   | 225.9 | 234.8  | 243.4 | 252.5  | 260.1  | 271.6  | 282.2  | 291.4  | 303.5  | 314.5  | 323.3  |
| -47.5° | 215.7 | 222.6  | 230.2 | 237.3  | 242.9  | 248.9  | 254.6  | 260.3  | 267.9  | 274.3  | 279.0  |
| -50°   | 205.9 | 211.9  | 218.2 | 224.0  | 228.7  | 232.8  | 236.2  | 240.1  | 244.1  | 247.5  | 249.6  |
| -52.5° | 196.6 | 202.3  | 207.3 | 211.7  | 216.1  | 219.7  | 222.5  | 225.2  | 227.6  | 229.5  | 230.4  |
| -55°   | 188.1 | 193.2  | 198.3 | 202.0  | 205.3  | 208.4  | 210.9  | 212.9  | 214.6  | 215.9  | 216.2  |
| -57.5° | 178.5 | 183.5  | 188.1 | 191.5  | 194.9  | 198.1  | 200.4  | 202.0  | 203.2  | 204.2  | 204.5  |
| -60°   | 167.1 | 172.6  | 176.2 | 179.1  | 182.3  | 185.8  | 187.8  | 189.5  | 190.9  | 192.1  | 193.2  |
| -62.5° | 153.1 | 157.8  | 161.2 | 164.0  | 166.7  | 168.9  | 171.6  | 173.8  | 175.5  | 177.1  | 178.8  |
| -65°   | 137.0 | 141.6  | 144.7 | 147.1  | 148.9  | 151.0  | 154.2  | 156.8  | 158.8  | 160.4  | 161.8  |
| -67.5° | 120.7 | 125.1  | 128.2 | 130.6  | 132.6  | 134.6  | 137.6  | 140.2  | 142.5  | 144.1  | 145.1  |
| -70°   | 104.1 | 108.3  | 111.6 | 114.4  | 116.5  | 118.6  | 120.9  | 123.1  | 125.2  | 126.3  | 126.8  |
| -72.5° | 87.4  | 91.0   | 94.3  | 97.2   | 99.7   | 101.8  | 103.5  | 105.1  | 106.4  | 107.2  | 107.7  |
| -75°   | 71.4  | 74.4   | 77.1  | 79.7   | 82.0   | 84.1   | 85.8   | 87.2   | 88.3   | 88.9   | 89.2   |
| -77.5° | 56.3  | 58.5   | 60.5  | 62.3   | 64.1   | 65.8   | 67.4   | 68.8   | 70.1   | 70.4   | 70.3   |
| -80°   | 42.1  | 43.5   | 44.8  | 46.0   | 47.0   | 48.2   | 49.3   | 50.3   | 51.2   | 51.7   | 51.9   |
| -82.5° | 28.6  | 29.5   | 30.2  | 30.9   | 31.5   | 32.5   | 33.3   | 34.0   | 34.6   | 35.0   | 35.4   |
| -85°   | 16.2  | 16.6   | 16.9  | 17.1   | 17.3   | 18.1   | 18.9   | 19.6   | 20.3   | 20.2   | 20.1   |
| -87.5° | 6.1   | 6.1    | 5.9   | 5.8    | 5.6    | 6.0    | 6.4    | 6.8    | 7.2    | 7.0    | 6.7    |
| -90°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-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°  | 6.5    | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    | 6.5    | 6.7    | 7.0    | 7.2    | 6.8    |
| 85°    | 20.0   | 19.8   | 19.3   | 18.7   | 19.3   | 19.8   | 20.0   | 20.1   | 20.2   | 20.3   | 19.6   |
| 82.5°  | 35.7   | 35.9   | 35.5   | 34.9   | 35.5   | 35.9   | 35.7   | 35.4   | 35.0   | 34.6   | 34.0   |
| 80°    | 52.1   | 52.1   | 51.6   | 51.1   | 51.6   | 52.1   | 52.1   | 51.9   | 51.7   | 51.2   | 50.3   |
| 77.5°  | 70.0   | 69.5   | 69.7   | 69.8   | 69.7   | 69.5   | 70.0   | 70.3   | 70.4   | 70.1   | 68.8   |
| 75°    | 89.4   | 89.3   | 89.0   | 88.5   | 89.0   | 89.3   | 89.4   | 89.2   | 88.9   | 88.3   | 87.2   |
| 72.5°  | 108.0  | 107.9  | 107.7  | 107.2  | 107.7  | 107.9  | 108.0  | 107.7  | 107.2  | 106.4  | 105.1  |
| 70°    | 126.9  | 126.6  | 126.9  | 127.1  | 126.9  | 126.6  | 126.9  | 126.8  | 126.3  | 125.2  | 123.1  |
| 67.5°  | 145.9  | 146.4  | 146.3  | 145.8  | 146.3  | 146.4  | 145.9  | 145.1  | 144.1  | 142.5  | 140.2  |
| 65°    | 162.9  | 163.8  | 164.3  | 164.5  | 164.3  | 163.8  | 162.9  | 161.8  | 160.4  | 158.8  | 156.8  |
| 62.5°  | 180.2  | 181.2  | 181.2  | 180.7  | 181.2  | 181.2  | 180.2  | 178.8  | 177.1  | 175.5  | 173.8  |
| 60°    | 193.8  | 194.0  | 193.7  | 193.2  | 193.7  | 194.0  | 193.8  | 193.2  | 192.1  | 190.9  | 189.5  |
| 57.5°  | 204.5  | 204.2  | 203.8  | 203.2  | 203.8  | 204.2  | 204.5  | 204.5  | 204.2  | 203.2  | 202.0  |
| 55°    | 216.1  | 215.5  | 215.0  | 214.4  | 215.0  | 215.5  | 216.1  | 216.2  | 215.9  | 214.6  | 212.9  |
| 52.5°  | 230.6  | 230.2  | 229.9  | 229.3  | 229.9  | 230.2  | 230.6  | 230.4  | 229.5  | 227.6  | 225.2  |
| 50°    | 250.7  | 251.0  | 251.0  | 250.5  | 251.0  | 251.0  | 250.7  | 249.6  | 247.5  | 244.1  | 240.1  |
| 47.5°  | 281.9  | 283.6  | 284.7  | 285.4  | 284.7  | 283.6  | 281.9  | 279.0  | 274.3  | 267.9  | 260.3  |
| 45°    | 328.9  | 332.2  | 334.6  | 336.5  | 334.6  | 332.2  | 328.9  | 323.3  | 314.5  | 303.5  | 291.4  |
| 42.5°  | 401.2  | 408.6  | 412.2  | 411.3  | 412.2  | 408.6  | 401.2  | 390.2  | 374.7  | 355.4  | 336.4  |
| 40°    | 521.9  | 533.9  | 540.6  | 545.9  | 540.6  | 533.9  | 521.9  | 501.7  | 471.3  | 434.4  | 405.4  |
| 37.5°  | 733.9  | 757.2  | 769.5  | 780.2  | 769.5  | 757.2  | 733.9  | 693.3  | 633.7  | 563.0  | 516.8  |
| 35°    | 1101.1 | 1153.6 | 1181.8 | 1191.5 | 1181.8 | 1153.6 | 1101.1 | 1015.9 | 901.8  | 782.4  | 698.2  |
| 32.5°  | 1690.2 | 1787.1 | 1840.6 | 1882.0 | 1840.6 | 1787.1 | 1690.2 | 1531.3 | 1327.1 | 1137.8 | 980.0  |
| 30°    | 2419.2 | 2546.8 | 2617.7 | 2652.3 | 2617.7 | 2546.8 | 2419.2 | 2211.7 | 1949.6 | 1683.7 | 1397.2 |
| 27.5°  | 3166.6 | 3311.6 | 3388.0 | 3383.9 | 3388.0 | 3311.6 | 3166.6 | 2938.8 | 2664.0 | 2334.5 | 1963.8 |
| 25°    | 3906.7 | 4074.7 | 4150.8 | 4219.0 | 4150.8 | 4074.7 | 3906.7 | 3646.4 | 3342.7 | 2997.8 | 2599.1 |
| 22.5°  | 4655.2 | 4851.7 | 4958.9 | 5009.1 | 4958.9 | 4851.7 | 4655.2 | 4364.2 | 4035.6 | 3651.5 | 3226.2 |
| 20°    | 5394.9 | 5613.5 | 5727.4 | 5776.9 | 5727.4 | 5613.5 | 5394.9 | 5109.4 | 4738.9 | 4303.4 | 3835.1 |
| 17.5°  | 6050.8 | 6264.3 | 6372.8 | 6418.8 | 6372.8 | 6264.3 | 6050.8 | 5788.8 | 5401.8 | 4940.9 | 4409.7 |
| 15°    | 6574.6 | 6732.1 | 6824.4 | 6848.8 | 6824.4 | 6732.1 | 6574.6 | 6349.4 | 5985.6 | 5512.7 | 4960.4 |
| 12.5°  | 6936.7 | 6997.7 | 7042.1 | 7055.7 | 7042.1 | 6997.7 | 6936.7 | 6748.9 | 6465.6 | 5997.9 | 5435.9 |
| 10°    | 7121.8 | 7094.3 | 7082.9 | 7084.4 | 7082.9 | 7094.3 | 7121.8 | 6984.4 | 6743.1 | 6371.0 | 5849.2 |
| 7.5°   | 7109.1 | 7068.3 | 6986.5 | 6973.4 | 6986.5 | 7068.3 | 7109.1 | 7077.0 | 6908.9 | 6598.3 | 6117.1 |
| 5°     | 7006.9 | 6932.7 | 6796.8 | 6757.8 | 6796.8 | 6932.7 | 7006.9 | 7019.5 | 6935.1 | 6704.4 | 6288.5 |
| 2.5°   | 6887.9 | 6754.1 | 6628.9 | 6548.4 | 6628.9 | 6754.1 | 6887.9 | 6943.6 | 6929.0 | 6776.0 | 6423.2 |
| 0°     | 6852.5 | 6698.0 | 6535.9 | 6483.6 | 6535.9 | 6698.0 | 6852.5 | 6926.1 | 6928.6 | 6802.7 | 6478.6 |
| -2.5°  | 6887.9 | 6754.1 | 6628.9 | 6548.4 | 6628.9 | 6754.1 | 6887.9 | 6943.6 | 6929.0 | 6776.0 | 6423.2 |
| -5°    | 7006.9 | 6932.7 | 6796.8 | 6757.8 | 6796.8 | 6932.7 | 7006.9 | 7019.5 | 6935.1 | 6704.4 | 6288.5 |
| -7.5°  | 7109.1 | 7068.3 | 6986.5 | 6973.4 | 6986.5 | 7068.3 | 7109.1 | 7077.0 | 6908.9 | 6598.3 | 6117.1 |
| -10°   | 7121.8 | 7094.3 | 7082.9 | 7084.4 | 7082.9 | 7094.3 | 7121.8 | 6984.4 | 6743.1 | 6371.0 | 5849.2 |
| -12.5° | 6936.7 | 6997.7 | 7042.1 | 7055.7 | 7042.1 | 6997.7 | 6936.7 | 6748.9 | 6465.6 | 5997.9 | 5435.9 |
| -15°   | 6574.6 | 6732.1 | 6824.4 | 6848.8 | 6824.4 | 6732.1 | 6574.6 | 6349.4 | 5985.6 | 5512.7 | 4960.4 |
| -17.5° | 6050.8 | 6264.3 | 6372.8 | 6418.8 | 6372.8 | 6264.3 | 6050.8 | 5788.8 | 5401.8 | 4940.9 | 4409.7 |
| -20°   | 5394.9 | 5613.5 | 5727.4 | 5776.9 | 5727.4 | 5613.5 | 5394.9 | 5109.4 | 4738.9 | 4303.4 | 3835.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°  | -5°    | -2.5°  | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 4655.2 | 4851.7 | 4958.9 | 5009.1 | 4958.9 | 4851.7 | 4655.2 | 4364.2 | 4035.6 | 3651.5 | 3226.2 |
| -25°   | 3906.7 | 4074.7 | 4150.8 | 4219.0 | 4150.8 | 4074.7 | 3906.7 | 3646.4 | 3342.7 | 2997.8 | 2599.1 |
| -27.5° | 3166.6 | 3311.6 | 3388.0 | 3383.9 | 3388.0 | 3311.6 | 3166.6 | 2938.8 | 2664.0 | 2334.5 | 1963.8 |
| -30°   | 2419.2 | 2546.8 | 2617.7 | 2652.3 | 2617.7 | 2546.8 | 2419.2 | 2211.7 | 1949.6 | 1683.7 | 1397.2 |
| -32.5° | 1690.2 | 1787.1 | 1840.6 | 1882.0 | 1840.6 | 1787.1 | 1690.2 | 1531.3 | 1327.1 | 1137.8 | 980.0  |
| -35°   | 1101.1 | 1153.6 | 1181.8 | 1191.5 | 1181.8 | 1153.6 | 1101.1 | 1015.9 | 901.8  | 782.4  | 698.2  |
| -37.5° | 733.9  | 757.2  | 769.5  | 780.2  | 769.5  | 757.2  | 733.9  | 693.3  | 633.7  | 563.0  | 516.8  |
| -40°   | 521.9  | 533.9  | 540.6  | 545.9  | 540.6  | 533.9  | 521.9  | 501.7  | 471.3  | 434.4  | 405.4  |
| -42.5° | 401.2  | 408.6  | 412.2  | 411.3  | 412.2  | 408.6  | 401.2  | 390.2  | 374.7  | 355.4  | 336.4  |
| -45°   | 328.9  | 332.2  | 334.6  | 336.5  | 334.6  | 332.2  | 328.9  | 323.3  | 314.5  | 303.5  | 291.4  |
| -47.5° | 281.9  | 283.6  | 284.7  | 285.4  | 284.7  | 283.6  | 281.9  | 279.0  | 274.3  | 267.9  | 260.3  |
| -50°   | 250.7  | 251.0  | 251.0  | 250.5  | 251.0  | 251.0  | 250.7  | 249.6  | 247.5  | 244.1  | 240.1  |
| -52.5° | 230.6  | 230.2  | 229.9  | 229.3  | 229.9  | 230.2  | 230.6  | 230.4  | 229.5  | 227.6  | 225.2  |
| -55°   | 216.1  | 215.5  | 215.0  | 214.4  | 215.0  | 215.5  | 216.1  | 216.2  | 215.9  | 214.6  | 212.9  |
| -57.5° | 204.5  | 204.2  | 203.8  | 203.2  | 203.8  | 204.2  | 204.5  | 204.5  | 204.2  | 203.2  | 202.0  |
| -60°   | 193.8  | 194.0  | 193.7  | 193.2  | 193.7  | 194.0  | 193.8  | 193.2  | 192.1  | 190.9  | 189.5  |
| -62.5° | 180.2  | 181.2  | 181.2  | 180.7  | 181.2  | 181.2  | 180.2  | 178.8  | 177.1  | 175.5  | 173.8  |
| -65°   | 162.9  | 163.8  | 164.3  | 164.5  | 164.3  | 163.8  | 162.9  | 161.8  | 160.4  | 158.8  | 156.8  |
| -67.5° | 145.9  | 146.4  | 146.3  | 145.8  | 146.3  | 146.4  | 145.9  | 145.1  | 144.1  | 142.5  | 140.2  |
| -70°   | 126.9  | 126.6  | 126.9  | 127.1  | 126.9  | 126.6  | 126.9  | 126.8  | 126.3  | 125.2  | 123.1  |
| -72.5° | 108.0  | 107.9  | 107.7  | 107.2  | 107.7  | 107.9  | 108.0  | 107.7  | 107.2  | 106.4  | 105.1  |
| -75°   | 89.4   | 89.3   | 89.0   | 88.5   | 89.0   | 89.3   | 89.4   | 89.2   | 88.9   | 88.3   | 87.2   |
| -77.5° | 70.0   | 69.5   | 69.7   | 69.8   | 69.7   | 69.5   | 70.0   | 70.3   | 70.4   | 70.1   | 68.8   |
| -80°   | 52.1   | 52.1   | 51.6   | 51.1   | 51.6   | 52.1   | 52.1   | 51.9   | 51.7   | 51.2   | 50.3   |
| -82.5° | 35.7   | 35.9   | 35.5   | 34.9   | 35.5   | 35.9   | 35.7   | 35.4   | 35.0   | 34.6   | 34.0   |
| -85°   | 20.0   | 19.8   | 19.3   | 18.7   | 19.3   | 19.8   | 20.0   | 20.1   | 20.2   | 20.3   | 19.6   |
| -87.5° | 6.5    | 6.2    | 6.2    | 6.2    | 6.2    | 6.2    | 6.5    | 6.7    | 7.0    | 7.2    | 6.8    |
| -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: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5° | 40°   | 42.5° | 45°   |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 6.4    | 6.0    | 5.6    | 5.8    | 5.9    | 6.1    | 6.1    | 5.9   | 5.7   | 5.5   | 5.3   |
| 85°    | 18.9   | 18.1   | 17.3   | 17.1   | 16.9   | 16.6   | 16.2   | 15.5  | 14.8  | 14.0  | 13.2  |
| 82.5°  | 33.3   | 32.5   | 31.5   | 30.9   | 30.2   | 29.5   | 28.6   | 27.2  | 25.8  | 24.4  | 23.0  |
| 80°    | 49.3   | 48.2   | 47.0   | 46.0   | 44.8   | 43.5   | 42.1   | 39.9  | 37.7  | 35.5  | 33.4  |
| 77.5°  | 67.4   | 65.8   | 64.1   | 62.3   | 60.5   | 58.5   | 56.3   | 53.6  | 50.9  | 48.1  | 45.2  |
| 75°    | 85.8   | 84.1   | 82.0   | 79.7   | 77.1   | 74.4   | 71.4   | 68.2  | 64.8  | 61.3  | 57.7  |
| 72.5°  | 103.5  | 101.8  | 99.7   | 97.2   | 94.3   | 91.0   | 87.4   | 83.4  | 79.3  | 74.9  | 70.6  |
| 70°    | 120.9  | 118.6  | 116.5  | 114.4  | 111.6  | 108.3  | 104.1  | 99.3  | 94.2  | 89.2  | 84.2  |
| 67.5°  | 137.6  | 134.6  | 132.6  | 130.6  | 128.2  | 125.1  | 120.7  | 115.6 | 109.9 | 104.0 | 98.1  |
| 65°    | 154.2  | 151.0  | 148.9  | 147.1  | 144.7  | 141.6  | 137.0  | 131.8 | 125.9 | 119.3 | 112.4 |
| 62.5°  | 171.6  | 168.9  | 166.7  | 164.0  | 161.2  | 157.8  | 153.1  | 147.6 | 141.7 | 134.8 | 126.9 |
| 60°    | 187.8  | 185.8  | 182.3  | 179.1  | 176.2  | 172.6  | 167.1  | 161.8 | 156.9 | 149.0 | 140.5 |
| 57.5°  | 200.4  | 198.1  | 194.9  | 191.5  | 188.1  | 183.5  | 178.5  | 173.5 | 167.8 | 161.2 | 153.3 |
| 55°    | 210.9  | 208.4  | 205.3  | 202.0  | 198.3  | 193.2  | 188.1  | 182.8 | 177.3 | 171.7 | 164.0 |
| 52.5°  | 222.5  | 219.7  | 216.1  | 211.7  | 207.3  | 202.3  | 196.6  | 191.0 | 185.9 | 180.2 | 173.9 |
| 50°    | 236.2  | 232.8  | 228.7  | 224.0  | 218.2  | 211.9  | 205.9  | 199.3 | 194.0 | 188.4 | 182.0 |
| 47.5°  | 254.6  | 248.9  | 242.9  | 237.3  | 230.2  | 222.6  | 215.7  | 208.9 | 202.6 | 196.6 | 190.0 |
| 45°    | 282.2  | 271.6  | 260.1  | 252.5  | 243.4  | 234.8  | 225.9  | 218.3 | 211.0 | 204.3 | 198.1 |
| 42.5°  | 322.0  | 305.1  | 289.5  | 274.2  | 259.7  | 249.1  | 238.0  | 228.5 | 219.7 | 211.7 | 204.5 |
| 40°    | 379.4  | 350.2  | 328.7  | 304.7  | 285.2  | 266.5  | 252.3  | 239.4 | 229.2 | 219.7 | 211.0 |
| 37.5°  | 466.0  | 417.8  | 382.0  | 344.5  | 317.3  | 291.4  | 269.6  | 252.8 | 238.9 | 227.9 | 217.7 |
| 35°    | 600.1  | 524.9  | 457.8  | 404.8  | 356.6  | 322.5  | 292.0  | 268.4 | 250.7 | 236.3 | 224.4 |
| 32.5°  | 809.6  | 690.3  | 568.6  | 490.2  | 415.9  | 360.1  | 320.8  | 288.4 | 263.3 | 246.2 | 231.8 |
| 30°    | 1135.4 | 925.1  | 746.0  | 599.9  | 497.9  | 412.7  | 352.9  | 313.3 | 281.2 | 256.2 | 239.4 |
| 27.5°  | 1608.5 | 1239.8 | 989.3  | 761.5  | 597.1  | 485.1  | 399.5  | 339.9 | 300.1 | 270.2 | 248.1 |
| 25°    | 2160.6 | 1719.3 | 1290.3 | 982.2  | 740.1  | 567.0  | 453.8  | 377.2 | 323.4 | 284.8 | 255.7 |
| 22.5°  | 2742.5 | 2225.1 | 1710.8 | 1231.2 | 917.5  | 686.7  | 524.0  | 414.8 | 345.4 | 300.3 | 266.8 |
| 20°    | 3319.9 | 2735.7 | 2149.8 | 1601.2 | 1133.5 | 803.9  | 600.3  | 464.7 | 376.1 | 317.8 | 277.4 |
| 17.5°  | 3850.6 | 3236.8 | 2594.9 | 1960.6 | 1399.5 | 982.1  | 697.0  | 515.2 | 402.9 | 333.2 | 286.5 |
| 15°    | 4353.1 | 3705.1 | 3028.0 | 2341.9 | 1683.9 | 1139.1 | 779.4  | 559.1 | 430.8 | 351.2 | 298.4 |
| 12.5°  | 4808.2 | 4125.6 | 3413.1 | 2669.8 | 1936.3 | 1315.1 | 889.4  | 623.9 | 465.0 | 369.9 | 309.7 |
| 10°    | 5205.5 | 4476.6 | 3717.5 | 2945.2 | 2180.4 | 1497.2 | 993.3  | 679.2 | 494.6 | 385.3 | 318.9 |
| 7.5°   | 5490.8 | 4753.0 | 3959.3 | 3167.8 | 2378.8 | 1653.8 | 1081.7 | 722.9 | 517.9 | 397.2 | 325.9 |
| 5°     | 5700.5 | 4968.5 | 4161.0 | 3348.7 | 2526.1 | 1770.8 | 1147.6 | 753.7 | 534.6 | 405.3 | 330.8 |
| 2.5°   | 5844.4 | 5104.9 | 4295.9 | 3467.4 | 2611.6 | 1839.5 | 1189.7 | 770.3 | 542.5 | 411.8 | 333.5 |
| 0°     | 5885.3 | 5143.8 | 4329.9 | 3529.7 | 2624.8 | 1848.4 | 1206.5 | 772.7 | 542.2 | 415.0 | 334.0 |
| -2.5°  | 5844.4 | 5104.9 | 4295.9 | 3467.4 | 2611.6 | 1839.5 | 1189.7 | 770.3 | 542.5 | 411.8 | 333.5 |
| -5°    | 5700.5 | 4968.5 | 4161.0 | 3348.7 | 2526.1 | 1770.8 | 1147.6 | 753.7 | 534.6 | 405.3 | 330.8 |
| -7.5°  | 5490.8 | 4753.0 | 3959.3 | 3167.8 | 2378.8 | 1653.8 | 1081.7 | 722.9 | 517.9 | 397.2 | 325.9 |
| -10°   | 5205.5 | 4476.6 | 3717.5 | 2945.2 | 2180.4 | 1497.2 | 993.3  | 679.2 | 494.6 | 385.3 | 318.9 |
| -12.5° | 4808.2 | 4125.6 | 3413.1 | 2669.8 | 1936.3 | 1315.1 | 889.4  | 623.9 | 465.0 | 369.9 | 309.7 |
| -15°   | 4353.1 | 3705.1 | 3028.0 | 2341.9 | 1683.9 | 1139.1 | 779.4  | 559.1 | 430.8 | 351.2 | 298.4 |
| -17.5° | 3850.6 | 3236.8 | 2594.9 | 1960.6 | 1399.5 | 982.1  | 697.0  | 515.2 | 402.9 | 333.2 | 286.5 |
| -20°   | 3319.9 | 2735.7 | 2149.8 | 1601.2 | 1133.5 | 803.9  | 600.3  | 464.7 | 376.1 | 317.8 | 277.4 |

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

Scaled Data Report



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 2742.5 | 2225.1 | 1710.8 | 1231.2 | 917.5 | 686.7 | 524.0 | 414.8 | 345.4 | 300.3 | 266.8 |
| -25°   | 2160.6 | 1719.3 | 1290.3 | 982.2  | 740.1 | 567.0 | 453.8 | 377.2 | 323.4 | 284.8 | 255.7 |
| -27.5° | 1608.5 | 1239.8 | 989.3  | 761.5  | 597.1 | 485.1 | 399.5 | 339.9 | 300.1 | 270.2 | 248.1 |
| -30°   | 1135.4 | 925.1  | 746.0  | 599.9  | 497.9 | 412.7 | 352.9 | 313.3 | 281.2 | 256.2 | 239.4 |
| -32.5° | 809.6  | 690.3  | 568.6  | 490.2  | 415.9 | 360.1 | 320.8 | 288.4 | 263.3 | 246.2 | 231.8 |
| -35°   | 600.1  | 524.9  | 457.8  | 404.8  | 356.6 | 322.5 | 292.0 | 268.4 | 250.7 | 236.3 | 224.4 |
| -37.5° | 466.0  | 417.8  | 382.0  | 344.5  | 317.3 | 291.4 | 269.6 | 252.8 | 238.9 | 227.9 | 217.7 |
| -40°   | 379.4  | 350.2  | 328.7  | 304.7  | 285.2 | 266.5 | 252.3 | 239.4 | 229.2 | 219.7 | 211.0 |
| -42.5° | 322.0  | 305.1  | 289.5  | 274.2  | 259.7 | 249.1 | 238.0 | 228.5 | 219.7 | 211.7 | 204.5 |
| -45°   | 282.2  | 271.6  | 260.1  | 252.5  | 243.4 | 234.8 | 225.9 | 218.3 | 211.0 | 204.3 | 198.1 |
| -47.5° | 254.6  | 248.9  | 242.9  | 237.3  | 230.2 | 222.6 | 215.7 | 208.9 | 202.6 | 196.6 | 190.0 |
| -50°   | 236.2  | 232.8  | 228.7  | 224.0  | 218.2 | 211.9 | 205.9 | 199.3 | 194.0 | 188.4 | 182.0 |
| -52.5° | 222.5  | 219.7  | 216.1  | 211.7  | 207.3 | 202.3 | 196.6 | 191.0 | 185.9 | 180.2 | 173.9 |
| -55°   | 210.9  | 208.4  | 205.3  | 202.0  | 198.3 | 193.2 | 188.1 | 182.8 | 177.3 | 171.7 | 164.0 |
| -57.5° | 200.4  | 198.1  | 194.9  | 191.5  | 188.1 | 183.5 | 178.5 | 173.5 | 167.8 | 161.2 | 153.3 |
| -60°   | 187.8  | 185.8  | 182.3  | 179.1  | 176.2 | 172.6 | 167.1 | 161.8 | 156.9 | 149.0 | 140.5 |
| -62.5° | 171.6  | 168.9  | 166.7  | 164.0  | 161.2 | 157.8 | 153.1 | 147.6 | 141.7 | 134.8 | 126.9 |
| -65°   | 154.2  | 151.0  | 148.9  | 147.1  | 144.7 | 141.6 | 137.0 | 131.8 | 125.9 | 119.3 | 112.4 |
| -67.5° | 137.6  | 134.6  | 132.6  | 130.6  | 128.2 | 125.1 | 120.7 | 115.6 | 109.9 | 104.0 | 98.1  |
| -70°   | 120.9  | 118.6  | 116.5  | 114.4  | 111.6 | 108.3 | 104.1 | 99.3  | 94.2  | 89.2  | 84.2  |
| -72.5° | 103.5  | 101.8  | 99.7   | 97.2   | 94.3  | 91.0  | 87.4  | 83.4  | 79.3  | 74.9  | 70.6  |
| -75°   | 85.8   | 84.1   | 82.0   | 79.7   | 77.1  | 74.4  | 71.4  | 68.2  | 64.8  | 61.3  | 57.7  |
| -77.5° | 67.4   | 65.8   | 64.1   | 62.3   | 60.5  | 58.5  | 56.3  | 53.6  | 50.9  | 48.1  | 45.2  |
| -80°   | 49.3   | 48.2   | 47.0   | 46.0   | 44.8  | 43.5  | 42.1  | 39.9  | 37.7  | 35.5  | 33.4  |
| -82.5° | 33.3   | 32.5   | 31.5   | 30.9   | 30.2  | 29.5  | 28.6  | 27.2  | 25.8  | 24.4  | 23.0  |
| -85°   | 18.9   | 18.1   | 17.3   | 17.1   | 16.9  | 16.6  | 16.2  | 15.5  | 14.8  | 14.0  | 13.2  |
| -87.5° | 6.4    | 6.0    | 5.6    | 5.8    | 5.9   | 6.1   | 6.1   | 5.9   | 5.7   | 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: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-MWR-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°  | 5.1   | 4.8   | 4.6   | 4.3   | 4.0   | 3.7   | 3.5   | 3.2   | 2.7   | 2.3   | 2.0   |
| 85°    | 12.3  | 11.4  | 10.5  | 9.5   | 8.5   | 7.5   | 6.9   | 6.3   | 5.5   | 4.7   | 3.9   |
| 82.5°  | 21.6  | 20.2  | 18.8  | 17.3  | 15.6  | 14.0  | 12.4  | 10.8  | 9.0   | 7.1   | 5.9   |
| 80°    | 31.6  | 29.6  | 27.6  | 25.4  | 23.0  | 20.4  | 18.1  | 16.0  | 13.8  | 11.6  | 9.1   |
| 77.5°  | 42.5  | 39.6  | 36.6  | 33.9  | 31.1  | 28.1  | 24.8  | 21.5  | 18.6  | 15.9  | 13.1  |
| 75°    | 54.1  | 50.6  | 47.1  | 43.4  | 39.6  | 35.7  | 32.0  | 28.2  | 24.3  | 20.4  | 17.0  |
| 72.5°  | 66.5  | 62.2  | 57.7  | 53.1  | 48.7  | 44.1  | 39.5  | 34.8  | 30.3  | 25.8  | 21.1  |
| 70°    | 79.1  | 73.9  | 68.7  | 63.5  | 58.1  | 52.5  | 47.2  | 41.7  | 36.2  | 31.0  | 25.8  |
| 67.5°  | 92.1  | 86.2  | 80.0  | 74.0  | 68.0  | 61.7  | 55.0  | 48.6  | 42.4  | 36.2  | 30.3  |
| 65°    | 105.7 | 98.7  | 91.5  | 84.6  | 77.7  | 70.8  | 63.6  | 55.6  | 48.3  | 41.5  | 34.8  |
| 62.5°  | 119.1 | 111.4 | 103.3 | 95.1  | 87.3  | 79.7  | 71.9  | 63.1  | 54.3  | 46.6  | 39.2  |
| 60°    | 132.1 | 123.5 | 114.8 | 105.7 | 96.8  | 88.3  | 79.7  | 70.4  | 60.9  | 51.6  | 43.6  |
| 57.5°  | 144.0 | 135.0 | 125.3 | 115.7 | 106.1 | 96.6  | 87.1  | 77.3  | 67.2  | 57.0  | 47.7  |
| 55°    | 155.2 | 145.4 | 135.2 | 124.9 | 114.8 | 104.7 | 94.4  | 83.9  | 73.3  | 62.4  | 51.9  |
| 52.5°  | 165.7 | 155.4 | 144.7 | 133.7 | 122.8 | 112.4 | 101.5 | 90.3  | 79.1  | 67.6  | 56.4  |
| 50°    | 174.9 | 165.2 | 153.8 | 142.2 | 130.4 | 119.4 | 108.3 | 96.6  | 84.7  | 72.6  | 60.8  |
| 47.5°  | 182.6 | 173.7 | 162.7 | 150.5 | 138.1 | 126.3 | 114.8 | 102.6 | 90.1  | 77.4  | 65.0  |
| 45°    | 190.1 | 181.5 | 170.9 | 158.4 | 145.6 | 133.2 | 121.0 | 108.4 | 95.3  | 82.1  | 69.1  |
| 42.5°  | 197.1 | 188.6 | 178.7 | 166.1 | 152.9 | 139.8 | 127.0 | 113.8 | 100.2 | 86.5  | 72.9  |
| 40°    | 203.1 | 194.8 | 186.0 | 173.4 | 159.7 | 146.1 | 132.7 | 119.1 | 105.0 | 90.7  | 76.5  |
| 37.5°  | 209.0 | 200.4 | 191.3 | 180.4 | 166.0 | 151.9 | 138.0 | 124.2 | 109.6 | 94.7  | 80.0  |
| 35°    | 214.6 | 205.8 | 196.1 | 185.7 | 172.0 | 157.4 | 143.1 | 128.9 | 113.9 | 98.6  | 83.2  |
| 32.5°  | 219.7 | 210.6 | 200.6 | 190.0 | 177.5 | 162.4 | 147.7 | 133.0 | 117.9 | 102.3 | 86.1  |
| 30°    | 225.7 | 214.7 | 204.6 | 194.3 | 182.1 | 167.1 | 152.0 | 136.9 | 121.6 | 105.7 | 88.9  |
| 27.5°  | 231.5 | 218.5 | 208.2 | 197.8 | 185.8 | 171.3 | 155.9 | 140.5 | 124.9 | 108.9 | 91.7  |
| 25°    | 237.1 | 223.0 | 211.5 | 200.8 | 189.3 | 175.3 | 159.5 | 143.8 | 127.9 | 111.6 | 94.3  |
| 22.5°  | 243.5 | 227.0 | 214.6 | 203.4 | 192.7 | 178.9 | 162.8 | 146.7 | 130.5 | 114.1 | 96.6  |
| 20°    | 249.2 | 230.4 | 217.5 | 205.9 | 195.2 | 181.7 | 165.8 | 149.4 | 132.9 | 116.3 | 98.7  |
| 17.5°  | 254.8 | 234.2 | 220.3 | 208.2 | 197.1 | 184.1 | 168.4 | 151.7 | 135.0 | 118.2 | 100.6 |
| 15°    | 262.5 | 238.6 | 222.7 | 210.2 | 198.7 | 186.1 | 170.6 | 153.7 | 136.7 | 119.7 | 102.3 |
| 12.5°  | 269.1 | 242.2 | 224.7 | 211.8 | 200.0 | 187.8 | 172.4 | 155.3 | 138.2 | 121.2 | 103.8 |
| 10°    | 274.5 | 245.2 | 226.3 | 213.1 | 201.0 | 189.1 | 173.9 | 156.7 | 139.6 | 122.4 | 105.0 |
| 7.5°   | 278.6 | 247.3 | 227.4 | 214.0 | 201.7 | 190.1 | 175.2 | 157.9 | 140.7 | 123.4 | 106.0 |
| 5°     | 281.4 | 248.8 | 228.4 | 214.5 | 202.1 | 190.7 | 176.2 | 158.8 | 141.5 | 124.0 | 106.7 |
| 2.5°   | 282.8 | 249.4 | 229.1 | 214.6 | 202.2 | 190.9 | 176.8 | 159.3 | 141.9 | 124.5 | 107.1 |
| 0°     | 282.9 | 249.3 | 229.3 | 214.4 | 201.9 | 190.7 | 177.0 | 159.5 | 142.1 | 124.6 | 107.2 |
| -2.5°  | 282.8 | 249.4 | 229.1 | 214.6 | 202.2 | 190.9 | 176.8 | 159.3 | 141.9 | 124.5 | 107.1 |
| -5°    | 281.4 | 248.8 | 228.4 | 214.5 | 202.1 | 190.7 | 176.2 | 158.8 | 141.5 | 124.0 | 106.7 |
| -7.5°  | 278.6 | 247.3 | 227.4 | 214.0 | 201.7 | 190.1 | 175.2 | 157.9 | 140.7 | 123.4 | 106.0 |
| -10°   | 274.5 | 245.2 | 226.3 | 213.1 | 201.0 | 189.1 | 173.9 | 156.7 | 139.6 | 122.4 | 105.0 |
| -12.5° | 269.1 | 242.2 | 224.7 | 211.8 | 200.0 | 187.8 | 172.4 | 155.3 | 138.2 | 121.2 | 103.8 |
| -15°   | 262.5 | 238.6 | 222.7 | 210.2 | 198.7 | 186.1 | 170.6 | 153.7 | 136.7 | 119.7 | 102.3 |
| -17.5° | 254.8 | 234.2 | 220.3 | 208.2 | 197.1 | 184.1 | 168.4 | 151.7 | 135.0 | 118.2 | 100.6 |
| -20°   | 249.2 | 230.4 | 217.5 | 205.9 | 195.2 | 181.7 | 165.8 | 149.4 | 132.9 | 116.3 | 98.7  |

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 243.5 | 227.0 | 214.6 | 203.4 | 192.7 | 178.9 | 162.8 | 146.7 | 130.5 | 114.1 | 96.6  |
| -25°   | 237.1 | 223.0 | 211.5 | 200.8 | 189.3 | 175.3 | 159.5 | 143.8 | 127.9 | 111.6 | 94.3  |
| -27.5° | 231.5 | 218.5 | 208.2 | 197.8 | 185.8 | 171.3 | 155.9 | 140.5 | 124.9 | 108.9 | 91.7  |
| -30°   | 225.7 | 214.7 | 204.6 | 194.3 | 182.1 | 167.1 | 152.0 | 136.9 | 121.6 | 105.7 | 88.9  |
| -32.5° | 219.7 | 210.6 | 200.6 | 190.0 | 177.5 | 162.4 | 147.7 | 133.0 | 117.9 | 102.3 | 86.1  |
| -35°   | 214.6 | 205.8 | 196.1 | 185.7 | 172.0 | 157.4 | 143.1 | 128.9 | 113.9 | 98.6  | 83.2  |
| -37.5° | 209.0 | 200.4 | 191.3 | 180.4 | 166.0 | 151.9 | 138.0 | 124.2 | 109.6 | 94.7  | 80.0  |
| -40°   | 203.1 | 194.8 | 186.0 | 173.4 | 159.7 | 146.1 | 132.7 | 119.1 | 105.0 | 90.7  | 76.5  |
| -42.5° | 197.1 | 188.6 | 178.7 | 166.1 | 152.9 | 139.8 | 127.0 | 113.8 | 100.2 | 86.5  | 72.9  |
| -45°   | 190.1 | 181.5 | 170.9 | 158.4 | 145.6 | 133.2 | 121.0 | 108.4 | 95.3  | 82.1  | 69.1  |
| -47.5° | 182.6 | 173.7 | 162.7 | 150.5 | 138.1 | 126.3 | 114.8 | 102.6 | 90.1  | 77.4  | 65.0  |
| -50°   | 174.9 | 165.2 | 153.8 | 142.2 | 130.4 | 119.4 | 108.3 | 96.6  | 84.7  | 72.6  | 60.8  |
| -52.5° | 165.7 | 155.4 | 144.7 | 133.7 | 122.8 | 112.4 | 101.5 | 90.3  | 79.1  | 67.6  | 56.4  |
| -55°   | 155.2 | 145.4 | 135.2 | 124.9 | 114.8 | 104.7 | 94.4  | 83.9  | 73.3  | 62.4  | 51.9  |
| -57.5° | 144.0 | 135.0 | 125.3 | 115.7 | 106.1 | 96.6  | 87.1  | 77.3  | 67.2  | 57.0  | 47.7  |
| -60°   | 132.1 | 123.5 | 114.8 | 105.7 | 96.8  | 88.3  | 79.7  | 70.4  | 60.9  | 51.6  | 43.6  |
| -62.5° | 119.1 | 111.4 | 103.3 | 95.1  | 87.3  | 79.7  | 71.9  | 63.1  | 54.3  | 46.6  | 39.2  |
| -65°   | 105.7 | 98.7  | 91.5  | 84.6  | 77.7  | 70.8  | 63.6  | 55.6  | 48.3  | 41.5  | 34.8  |
| -67.5° | 92.1  | 86.2  | 80.0  | 74.0  | 68.0  | 61.7  | 55.0  | 48.6  | 42.4  | 36.2  | 30.3  |
| -70°   | 79.1  | 73.9  | 68.7  | 63.5  | 58.1  | 52.5  | 47.2  | 41.7  | 36.2  | 31.0  | 25.8  |
| -72.5° | 66.5  | 62.2  | 57.7  | 53.1  | 48.7  | 44.1  | 39.5  | 34.8  | 30.3  | 25.8  | 21.1  |
| -75°   | 54.1  | 50.6  | 47.1  | 43.4  | 39.6  | 35.7  | 32.0  | 28.2  | 24.3  | 20.4  | 17.0  |
| -77.5° | 42.5  | 39.6  | 36.6  | 33.9  | 31.1  | 28.1  | 24.8  | 21.5  | 18.6  | 15.9  | 13.1  |
| -80°   | 31.6  | 29.6  | 27.6  | 25.4  | 23.0  | 20.4  | 18.1  | 16.0  | 13.8  | 11.6  | 9.1   |
| -82.5° | 21.6  | 20.2  | 18.8  | 17.3  | 15.6  | 14.0  | 12.4  | 10.8  | 9.0   | 7.1   | 5.9   |
| -85°   | 12.3  | 11.4  | 10.5  | 9.5   | 8.5   | 7.5   | 6.9   | 6.3   | 5.5   | 4.7   | 3.9   |
| -87.5° | 5.1   | 4.8   | 4.6   | 4.3   | 4.0   | 3.7   | 3.5   | 3.2   | 2.7   | 2.3   | 2.0   |
| -90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| 90°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5°  | 1.6  | 1.3   | 1.1  | 0.8   | 0.5  | 0.3   | 0.0 |
| 85°    | 3.2  | 2.7   | 2.2  | 1.6   | 1.1  | 0.5   | 0.0 |
| 82.5°  | 4.8  | 4.0   | 3.2  | 2.4   | 1.6  | 0.8   | 0.0 |
| 80°    | 6.6  | 5.3   | 4.3  | 3.2   | 2.2  | 1.1   | 0.0 |
| 77.5°  | 10.1 | 7.2   | 5.3  | 4.0   | 2.7  | 1.3   | 0.0 |
| 75°    | 13.5 | 10.1  | 6.6  | 4.8   | 3.2  | 1.6   | 0.0 |
| 72.5°  | 17.0 | 12.9  | 8.9  | 5.6   | 3.7  | 1.9   | 0.0 |
| 70°    | 20.4 | 15.8  | 11.2 | 6.5   | 4.2  | 2.1   | 0.0 |
| 67.5°  | 24.3 | 18.5  | 13.4 | 8.2   | 4.7  | 2.4   | 0.0 |
| 65°    | 28.1 | 21.5  | 15.6 | 9.8   | 5.2  | 2.6   | 0.0 |
| 62.5°  | 31.8 | 24.5  | 17.7 | 11.4  | 5.7  | 2.9   | 0.0 |
| 60°    | 35.5 | 27.5  | 19.8 | 13.0  | 6.2  | 3.1   | 0.0 |
| 57.5°  | 39.1 | 30.4  | 22.1 | 14.5  | 7.2  | 3.3   | 0.0 |
| 55°    | 42.6 | 33.2  | 24.3 | 16.0  | 8.2  | 3.6   | 0.0 |
| 52.5°  | 46.1 | 36.0  | 26.5 | 17.5  | 9.1  | 3.8   | 0.0 |
| 50°    | 49.5 | 38.8  | 28.5 | 18.9  | 10.0 | 4.0   | 0.0 |
| 47.5°  | 52.8 | 41.5  | 30.5 | 20.3  | 10.9 | 4.2   | 0.0 |
| 45°    | 56.3 | 44.2  | 32.4 | 21.7  | 11.7 | 4.4   | 0.0 |
| 42.5°  | 59.6 | 46.7  | 34.2 | 23.0  | 12.5 | 4.6   | 0.0 |
| 40°    | 62.7 | 49.2  | 36.1 | 24.3  | 13.3 | 4.7   | 0.0 |
| 37.5°  | 65.6 | 51.5  | 37.9 | 25.5  | 14.0 | 4.9   | 0.0 |
| 35°    | 68.4 | 53.8  | 39.7 | 26.6  | 14.6 | 5.1   | 0.0 |
| 32.5°  | 71.0 | 56.0  | 41.3 | 27.6  | 15.2 | 5.2   | 0.0 |
| 30°    | 73.3 | 58.0  | 42.9 | 28.5  | 15.8 | 5.4   | 0.0 |
| 27.5°  | 75.5 | 59.8  | 44.3 | 29.4  | 16.3 | 5.5   | 0.0 |
| 25°    | 77.5 | 61.5  | 45.5 | 30.2  | 16.8 | 5.6   | 0.0 |
| 22.5°  | 79.2 | 63.0  | 46.7 | 30.9  | 17.2 | 5.7   | 0.0 |
| 20°    | 80.8 | 64.3  | 47.7 | 31.6  | 17.6 | 5.8   | 0.0 |
| 17.5°  | 82.2 | 65.4  | 48.6 | 32.2  | 17.9 | 5.9   | 0.0 |
| 15°    | 83.5 | 66.4  | 49.3 | 32.6  | 18.1 | 6.0   | 0.0 |
| 12.5°  | 84.6 | 67.2  | 50.0 | 33.0  | 18.4 | 6.1   | 0.0 |
| 10°    | 85.5 | 67.8  | 50.5 | 33.3  | 18.5 | 6.1   | 0.0 |
| 7.5°   | 86.2 | 68.2  | 50.8 | 33.5  | 18.6 | 6.1   | 0.0 |
| 5°     | 86.8 | 68.5  | 51.0 | 33.7  | 18.7 | 6.2   | 0.0 |
| 2.5°   | 87.1 | 68.6  | 51.1 | 33.7  | 18.7 | 6.2   | 0.0 |
| 0°     | 87.2 | 68.6  | 51.1 | 33.7  | 18.7 | 6.2   | 0.0 |
| -2.5°  | 87.1 | 68.6  | 51.1 | 33.7  | 18.7 | 6.2   | 0.0 |
| -5°    | 86.8 | 68.5  | 51.0 | 33.7  | 18.7 | 6.2   | 0.0 |
| -7.5°  | 86.2 | 68.2  | 50.8 | 33.5  | 18.6 | 6.1   | 0.0 |
| -10°   | 85.5 | 67.8  | 50.5 | 33.3  | 18.5 | 6.1   | 0.0 |
| -12.5° | 84.6 | 67.2  | 50.0 | 33.0  | 18.4 | 6.1   | 0.0 |
| -15°   | 83.5 | 66.4  | 49.3 | 32.6  | 18.1 | 6.0   | 0.0 |
| -17.5° | 82.2 | 65.4  | 48.6 | 32.2  | 17.9 | 5.9   | 0.0 |
| -20°   | 80.8 | 64.3  | 47.7 | 31.6  | 17.6 | 5.8   | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626717 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 79.2 | 63.0  | 46.7 | 30.9  | 17.2 | 5.7   | 0.0 |
| -25°   | 77.5 | 61.5  | 45.5 | 30.2  | 16.8 | 5.6   | 0.0 |
| -27.5° | 75.5 | 59.8  | 44.3 | 29.4  | 16.3 | 5.5   | 0.0 |
| -30°   | 73.3 | 58.0  | 42.9 | 28.5  | 15.8 | 5.4   | 0.0 |
| -32.5° | 71.0 | 56.0  | 41.3 | 27.6  | 15.2 | 5.2   | 0.0 |
| -35°   | 68.4 | 53.8  | 39.7 | 26.6  | 14.6 | 5.1   | 0.0 |
| -37.5° | 65.6 | 51.5  | 37.9 | 25.5  | 14.0 | 4.9   | 0.0 |
| -40°   | 62.7 | 49.2  | 36.1 | 24.3  | 13.3 | 4.7   | 0.0 |
| -42.5° | 59.6 | 46.7  | 34.2 | 23.0  | 12.5 | 4.6   | 0.0 |
| -45°   | 56.3 | 44.2  | 32.4 | 21.7  | 11.7 | 4.4   | 0.0 |
| -47.5° | 52.8 | 41.5  | 30.5 | 20.3  | 10.9 | 4.2   | 0.0 |
| -50°   | 49.5 | 38.8  | 28.5 | 18.9  | 10.0 | 4.0   | 0.0 |
| -52.5° | 46.1 | 36.0  | 26.5 | 17.5  | 9.1  | 3.8   | 0.0 |
| -55°   | 42.6 | 33.2  | 24.3 | 16.0  | 8.2  | 3.6   | 0.0 |
| -57.5° | 39.1 | 30.4  | 22.1 | 14.5  | 7.2  | 3.3   | 0.0 |
| -60°   | 35.5 | 27.5  | 19.8 | 13.0  | 6.2  | 3.1   | 0.0 |
| -62.5° | 31.8 | 24.5  | 17.7 | 11.4  | 5.7  | 2.9   | 0.0 |
| -65°   | 28.1 | 21.5  | 15.6 | 9.8   | 5.2  | 2.6   | 0.0 |
| -67.5° | 24.3 | 18.5  | 13.4 | 8.2   | 4.7  | 2.4   | 0.0 |
| -70°   | 20.4 | 15.8  | 11.2 | 6.5   | 4.2  | 2.1   | 0.0 |
| -72.5° | 17.0 | 12.9  | 8.9  | 5.6   | 3.7  | 1.9   | 0.0 |
| -75°   | 13.5 | 10.1  | 6.6  | 4.8   | 3.2  | 1.6   | 0.0 |
| -77.5° | 10.1 | 7.2   | 5.3  | 4.0   | 2.7  | 1.3   | 0.0 |
| -80°   | 6.6  | 5.3   | 4.3  | 3.2   | 2.2  | 1.1   | 0.0 |
| -82.5° | 4.8  | 4.0   | 3.2  | 2.4   | 1.6  | 0.8   | 0.0 |
| -85°   | 3.2  | 2.7   | 2.2  | 1.6   | 1.1  | 0.5   | 0.0 |
| -87.5° | 1.6  | 1.3   | 1.1  | 0.8   | 0.5  | 0.3   | 0.0 |
| -90°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |

(END OF REPORT)