

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-727-U-NR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5B-727-U-NR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N109  
Light Source: (80) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 21380.3 lumens  
Efficiency: N/A  
Efficacy: 134.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 201348.6 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V  
Beam Lumens: 6321.2 lumens  
Beam Efficiency: 29.6%

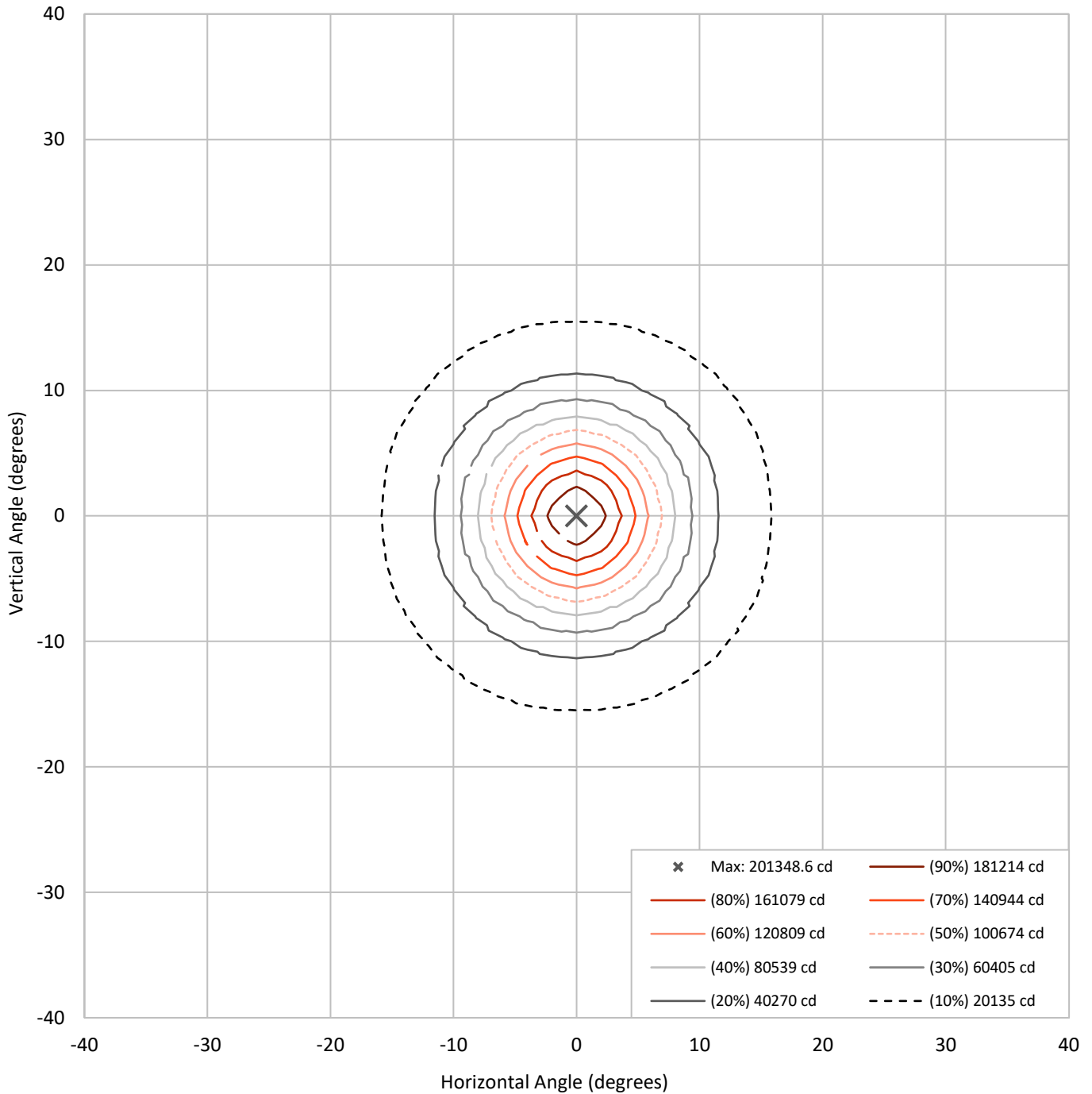
Field Angle (10%): 31.6°H x 30.6°V  
Field Lumens: 14225.3 lumens  
Field Efficiency: 66.5%

Input Watts (W): 158.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





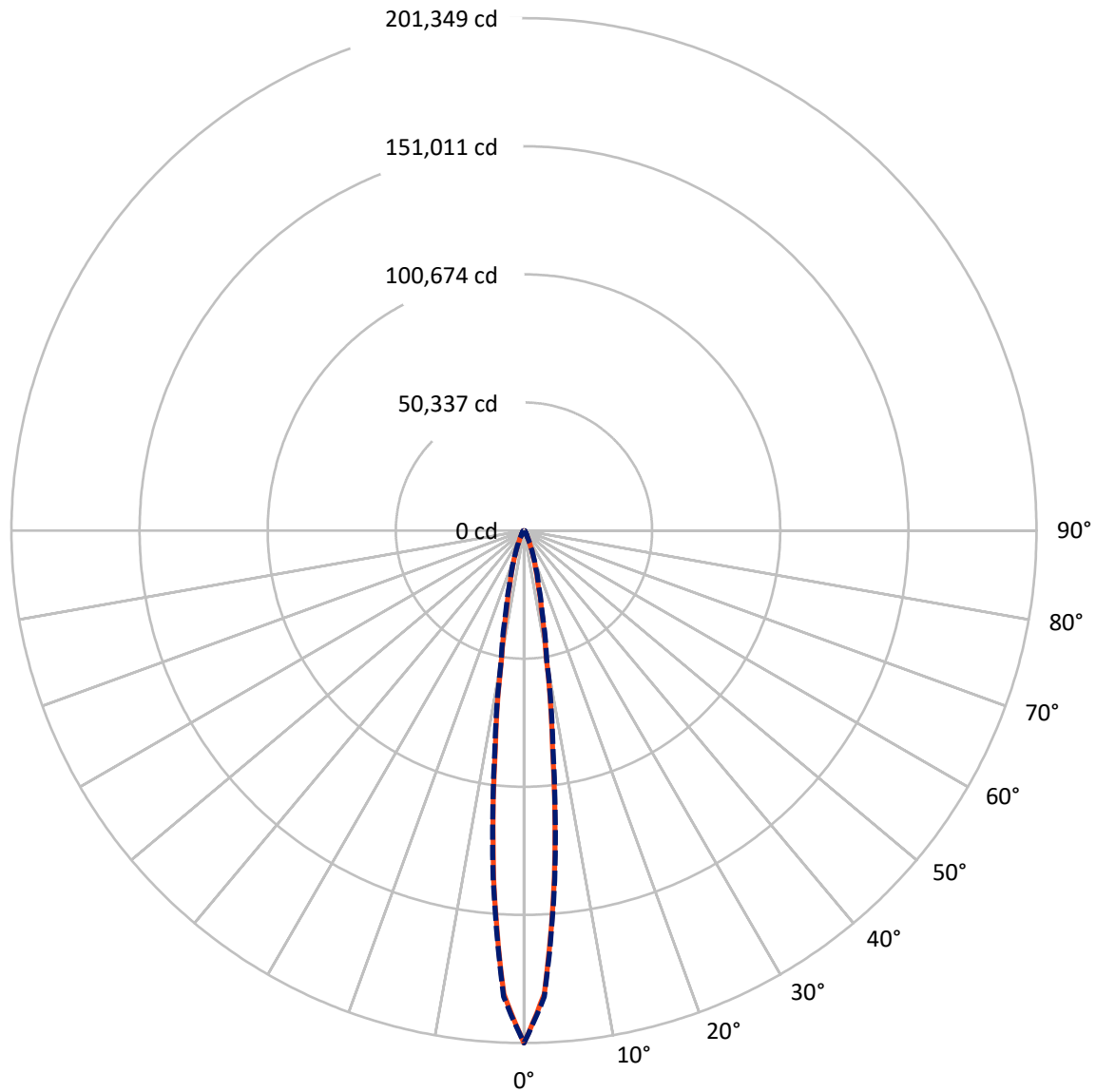
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### Lumen Table

|     |     |     |     |      |      |       |       |        |        |       |       |      |      |     |     |     |    |    |    |
|-----|-----|-----|-----|------|------|-------|-------|--------|--------|-------|-------|------|------|-----|-----|-----|----|----|----|
| 90  | 0.4 | 2.9 |     | 7.7  |      | 12.4  |       | 13.6   |        | 12.4  |       | 7.7  |      | 2.9 |     | 0.4 |    |    |    |
| 80  | 0.4 | 2.9 |     | 7.7  |      | 12.4  |       | 13.6   |        | 12.4  |       | 7.7  |      | 2.9 |     | 0.4 |    |    |    |
| 70  | 1.3 | 1.5 | 3.1 | 5.1  | 7.2  | 8.8   | 9.9   | 10.3   | 10.3   | 9.9   | 8.8   | 7.2  | 5.1  | 3.1 | 1.5 | 1.3 |    |    |    |
| 60  |     | 2.3 | 4.6 | 7.5  | 10.1 | 12.3  | 13.8  | 14.4   | 14.4   | 13.8  | 12.3  | 10.1 | 7.5  | 4.6 | 2.3 |     |    |    |    |
| 50  | 2.3 | 3.0 | 6.0 | 9.3  | 12.4 | 15.5  | 18.3  | 19.7   | 19.7   | 18.3  | 15.5  | 12.4 | 9.3  | 6.0 | 3.0 | 2.3 |    |    |    |
| 40  |     | 3.6 | 7.1 | 10.7 | 15.2 | 21.9  | 30.8  | 38.2   | 38.2   | 30.8  | 21.9  | 15.2 | 10.7 | 7.1 | 3.6 |     |    |    |    |
| 30  | 3.0 | 4.0 | 7.7 | 12.1 | 19.7 | 39.1  | 89.0  | 147.2  | 147.2  | 89.0  | 39.1  | 19.7 | 12.1 | 7.7 | 4.0 | 3.0 |    |    |    |
| 20  |     | 4.3 | 8.1 | 13.3 | 26.1 | 83.0  | 294.5 | 634.4  | 634.4  | 294.5 | 83.0  | 26.1 | 13.3 | 8.1 | 4.3 |     |    |    |    |
| 10  | 3.3 | 4.5 | 8.3 | 14.1 | 31.6 | 136.7 | 640.3 | 2766.0 | 2766.0 | 640.3 | 136.7 | 31.6 | 14.1 | 8.3 | 4.5 | 3.3 |    |    |    |
| 0   |     | 4.5 | 8.3 | 14.1 | 31.6 | 136.7 | 640.3 | 2766.0 | 2766.0 | 640.3 | 136.7 | 31.6 | 14.1 | 8.3 | 4.5 |     |    |    |    |
| -10 | 3.0 | 4.3 | 8.1 | 13.3 | 26.1 | 83.0  | 294.5 | 634.4  | 634.4  | 294.5 | 83.0  | 26.1 | 13.3 | 8.1 | 4.3 | 3.0 |    |    |    |
| -20 |     | 4.0 | 7.7 | 12.1 | 19.7 | 39.1  | 89.0  | 147.2  | 147.2  | 89.0  | 39.1  | 19.7 | 12.1 | 7.7 | 4.0 |     |    |    |    |
| -30 | 2.3 | 3.6 | 7.1 | 10.7 | 15.2 | 21.9  | 30.8  | 38.2   | 38.2   | 30.8  | 21.9  | 15.2 | 10.7 | 7.1 | 3.6 | 2.3 |    |    |    |
| -40 |     | 3.0 | 6.0 | 9.3  | 12.4 | 15.5  | 18.3  | 19.7   | 19.7   | 18.3  | 15.5  | 12.4 | 9.3  | 6.0 | 3.0 |     |    |    |    |
| -50 | 1.3 | 2.3 | 4.6 | 7.5  | 10.1 | 12.3  | 13.8  | 14.4   | 14.4   | 13.8  | 12.3  | 10.1 | 7.5  | 4.6 | 2.3 | 1.3 |    |    |    |
| -60 |     | 1.5 | 3.1 | 5.1  | 7.2  | 8.8   | 9.9   | 10.3   | 10.3   | 9.9   | 8.8   | 7.2  | 5.1  | 3.1 | 1.5 |     |    |    |    |
| -70 | 0.4 | 2.9 |     | 7.7  |      | 12.4  |       | 13.6   |        | 12.4  |       | 7.7  |      | 2.9 |     | 0.4 |    |    |    |
| -80 |     | 2.9 |     | 7.7  |      | 12.4  |       | 13.6   |        | 12.4  |       | 7.7  |      | 2.9 |     |     |    |    |    |
| -90 | 0.4 | 2.9 |     | 7.7  |      | 12.4  |       | 13.6   |        | 12.4  |       | 7.7  |      | 2.9 |     | 0.4 |    |    |    |
|     | -90 | -80 | -70 | -60  | -50  | -40   | -30   | -20    | -10    | 0     | 10    | 20   | 30   | 40  | 50  | 60  | 70 | 80 | 90 |

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CATALOG NUMBER: GFLD-SA5B-727-U-NR-XX

### Luminous Intensity Polar Plot

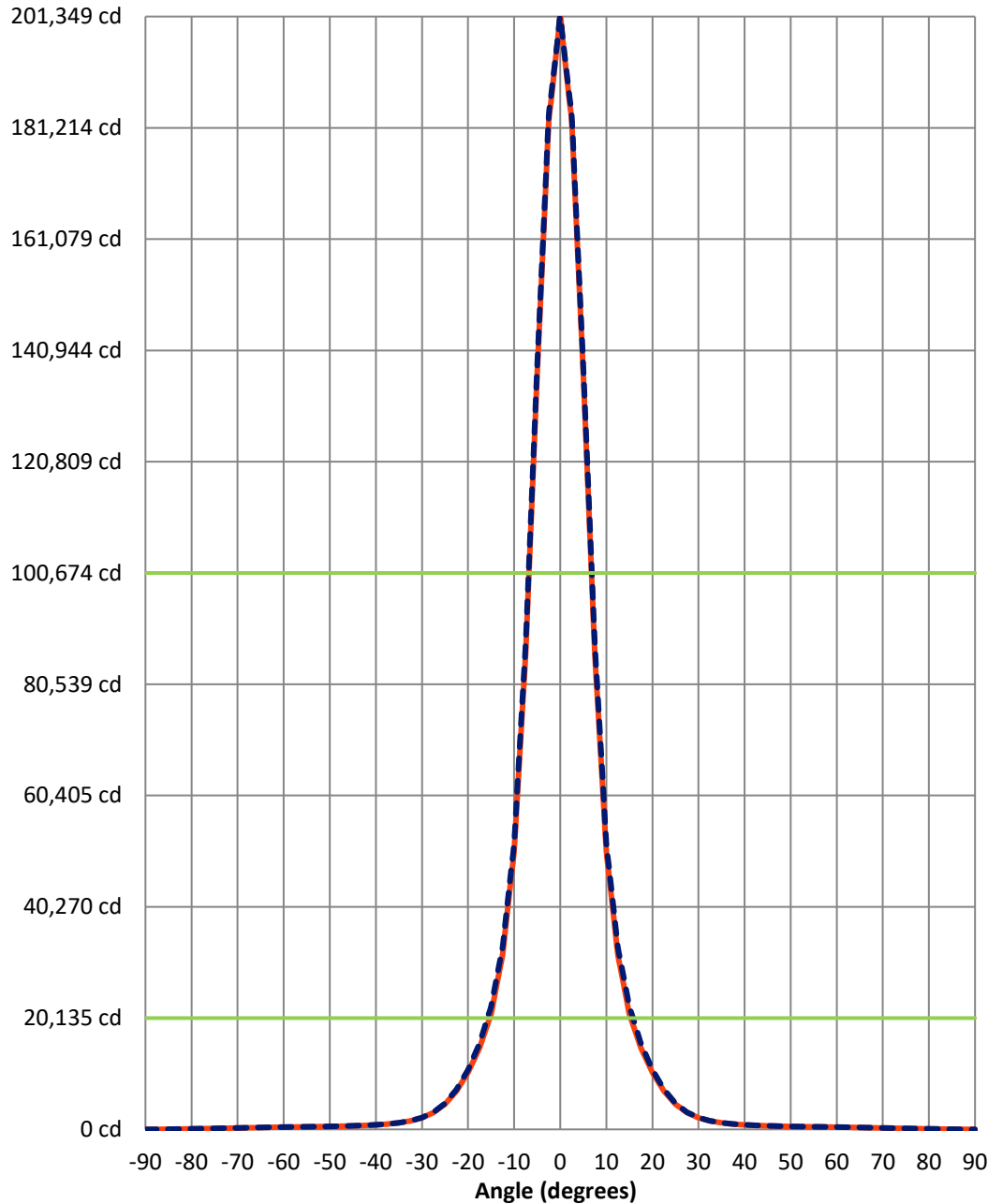


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 6321.2  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 14225.3  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 7155  
 Efficiency: 33.5%

— 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  | 0.7    | 1.5  | 2.3    | 3.0   | 3.7    | 4.5   | 5.2    | 5.9   | 6.6    | 7.3   |
| 85°    | 0.0  | 1.3    | 3.0  | 4.5    | 6.0   | 7.5    | 8.9   | 10.4   | 11.8  | 13.2   | 14.6  |
| 82.5°  | 0.0  | 2.0    | 4.5  | 6.8    | 9.0   | 11.2   | 13.4  | 15.6   | 17.9  | 21.0   | 24.1  |
| 80°    | 0.0  | 2.6    | 6.0  | 9.0    | 12.0  | 14.9   | 18.1  | 22.4   | 26.6  | 30.8   | 34.9  |
| 77.5°  | 0.0  | 3.3    | 7.4  | 11.2   | 14.9  | 19.1   | 24.6  | 30.0   | 35.3  | 40.5   | 46.1  |
| 75°    | 0.0  | 3.9    | 8.9  | 13.4   | 18.0  | 24.3   | 31.0  | 37.6   | 44.0  | 51.4   | 58.6  |
| 72.5°  | 0.0  | 4.5    | 10.3 | 15.6   | 21.9  | 29.4   | 37.3  | 45.4   | 54.0  | 62.5   | 70.9  |
| 70°    | 0.0  | 5.1    | 11.6 | 17.8   | 25.8  | 34.3   | 43.7  | 54.0   | 63.8  | 73.6   | 84.5  |
| 67.5°  | 0.0  | 5.7    | 13.0 | 20.5   | 29.5  | 39.2   | 50.9  | 62.5   | 73.6  | 86.0   | 98.2  |
| 65°    | 0.0  | 6.3    | 14.3 | 23.2   | 33.2  | 44.5   | 58.0  | 70.9   | 84.5  | 98.2   | 112.7 |
| 62.5°  | 0.0  | 6.9    | 15.5 | 25.8   | 36.8  | 50.3   | 64.9  | 79.9   | 95.2  | 110.7  | 128.9 |
| 60°    | 0.0  | 7.4    | 16.7 | 28.3   | 40.2  | 56.0   | 71.7  | 89.1   | 105.7 | 124.7  | 144.7 |
| 57.5°  | 0.0  | 7.9    | 18.2 | 30.7   | 44.6  | 61.5   | 79.1  | 98.1   | 117.2 | 138.2  | 159.9 |
| 55°    | 0.0  | 8.4    | 19.8 | 33.1   | 48.8  | 66.8   | 86.5  | 106.6  | 128.6 | 151.2  | 174.5 |
| 52.5°  | 0.0  | 8.9    | 21.2 | 35.3   | 53.0  | 72.1   | 93.6  | 115.9  | 139.6 | 163.7  | 188.6 |
| 50°    | 0.0  | 9.4    | 22.7 | 37.5   | 57.0  | 77.9   | 100.5 | 125.0  | 150.1 | 175.6  | 202.1 |
| 47.5°  | 0.0  | 9.8    | 24.1 | 39.7   | 60.8  | 83.4   | 107.2 | 133.8  | 160.1 | 186.9  | 215.3 |
| 45°    | 0.0  | 10.2   | 25.4 | 42.5   | 64.5  | 88.7   | 114.4 | 142.2  | 169.7 | 198.5  | 228.2 |
| 42.5°  | 0.0  | 10.6   | 26.7 | 45.1   | 68.0  | 93.7   | 121.3 | 150.2  | 178.9 | 209.8  | 240.7 |
| 40°    | 0.0  | 11.0   | 28.0 | 47.7   | 71.6  | 98.5   | 127.9 | 157.9  | 187.9 | 220.7  | 252.9 |
| 37.5°  | 0.0  | 11.3   | 29.2 | 50.2   | 75.3  | 103.1  | 134.1 | 165.1  | 196.9 | 230.9  | 264.8 |
| 35°    | 0.0  | 11.6   | 30.3 | 52.5   | 78.7  | 107.8  | 140.0 | 172.0  | 205.3 | 240.5  | 276.2 |
| 32.5°  | 0.0  | 11.9   | 31.4 | 54.7   | 81.9  | 112.3  | 145.5 | 178.4  | 213.1 | 249.5  | 286.0 |
| 30°    | 0.0  | 12.1   | 32.4 | 56.8   | 84.9  | 116.6  | 150.6 | 184.4  | 220.1 | 257.8  | 295.0 |
| 27.5°  | 0.0  | 12.3   | 33.4 | 58.7   | 87.8  | 120.5  | 155.3 | 190.2  | 226.7 | 265.5  | 303.1 |
| 25°    | 0.0  | 12.5   | 34.3 | 60.5   | 90.5  | 124.1  | 159.6 | 195.3  | 232.9 | 272.2  | 310.3 |
| 22.5°  | 0.0  | 12.7   | 35.1 | 62.1   | 92.9  | 127.3  | 163.5 | 199.9  | 238.4 | 278.1  | 316.5 |
| 20°    | 0.0  | 12.8   | 35.9 | 63.5   | 95.1  | 130.1  | 167.0 | 203.9  | 243.4 | 283.1  | 322.1 |
| 17.5°  | 0.0  | 12.9   | 36.5 | 64.8   | 97.1  | 132.5  | 169.8 | 207.4  | 247.6 | 287.3  | 327.1 |
| 15°    | 0.0  | 13.0   | 37.1 | 65.9   | 98.8  | 134.4  | 172.2 | 210.4  | 251.3 | 290.8  | 331.4 |
| 12.5°  | 0.0  | 13.1   | 37.6 | 66.8   | 100.2 | 136.0  | 174.1 | 213.2  | 254.3 | 293.4  | 334.9 |
| 10°    | 0.0  | 13.1   | 38.0 | 67.6   | 101.4 | 137.1  | 175.6 | 215.6  | 256.7 | 296.3  | 338.4 |
| 7.5°   | 0.0  | 13.1   | 38.4 | 68.2   | 102.3 | 137.9  | 176.6 | 217.5  | 258.3 | 298.7  | 342.3 |
| 5°     | 0.0  | 13.0   | 38.6 | 68.7   | 103.0 | 138.3  | 177.1 | 218.9  | 259.1 | 300.5  | 345.6 |
| 2.5°   | 0.0  | 13.0   | 38.8 | 68.9   | 103.4 | 138.3  | 177.2 | 219.7  | 259.3 | 301.6  | 347.9 |
| 0°     | 0.0  | 12.9   | 38.8 | 69.0   | 103.5 | 138.0  | 176.9 | 220.0  | 258.8 | 302.0  | 349.4 |
| -2.5°  | 0.0  | 13.0   | 38.8 | 68.9   | 103.4 | 138.3  | 177.2 | 219.7  | 259.3 | 301.6  | 347.9 |
| -5°    | 0.0  | 13.0   | 38.6 | 68.7   | 103.0 | 138.3  | 177.1 | 218.9  | 259.1 | 300.5  | 345.6 |
| -7.5°  | 0.0  | 13.1   | 38.4 | 68.2   | 102.3 | 137.9  | 176.6 | 217.5  | 258.3 | 298.7  | 342.3 |
| -10°   | 0.0  | 13.1   | 38.0 | 67.6   | 101.4 | 137.1  | 175.6 | 215.6  | 256.7 | 296.3  | 338.4 |
| -12.5° | 0.0  | 13.1   | 37.6 | 66.8   | 100.2 | 136.0  | 174.1 | 213.2  | 254.3 | 293.4  | 334.9 |
| -15°   | 0.0  | 13.0   | 37.1 | 65.9   | 98.8  | 134.4  | 172.2 | 210.4  | 251.3 | 290.8  | 331.4 |
| -17.5° | 0.0  | 12.9   | 36.5 | 64.8   | 97.1  | 132.5  | 169.8 | 207.4  | 247.6 | 287.3  | 327.1 |
| -20°   | 0.0  | 12.8   | 35.9 | 63.5   | 95.1  | 130.1  | 167.0 | 203.9  | 243.4 | 283.1  | 322.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75°  | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0  | 12.7   | 35.1 | 62.1   | 92.9 | 127.3  | 163.5 | 199.9  | 238.4 | 278.1  | 316.5 |
| -25°   | 0.0  | 12.5   | 34.3 | 60.5   | 90.5 | 124.1  | 159.6 | 195.3  | 232.9 | 272.2  | 310.3 |
| -27.5° | 0.0  | 12.3   | 33.4 | 58.7   | 87.8 | 120.5  | 155.3 | 190.2  | 226.7 | 265.5  | 303.1 |
| -30°   | 0.0  | 12.1   | 32.4 | 56.8   | 84.9 | 116.6  | 150.6 | 184.4  | 220.1 | 257.8  | 295.0 |
| -32.5° | 0.0  | 11.9   | 31.4 | 54.7   | 81.9 | 112.3  | 145.5 | 178.4  | 213.1 | 249.5  | 286.0 |
| -35°   | 0.0  | 11.6   | 30.3 | 52.5   | 78.7 | 107.8  | 140.0 | 172.0  | 205.3 | 240.5  | 276.2 |
| -37.5° | 0.0  | 11.3   | 29.2 | 50.2   | 75.3 | 103.1  | 134.1 | 165.1  | 196.9 | 230.9  | 264.8 |
| -40°   | 0.0  | 11.0   | 28.0 | 47.7   | 71.6 | 98.5   | 127.9 | 157.9  | 187.9 | 220.7  | 252.9 |
| -42.5° | 0.0  | 10.6   | 26.7 | 45.1   | 68.0 | 93.7   | 121.3 | 150.2  | 178.9 | 209.8  | 240.7 |
| -45°   | 0.0  | 10.2   | 25.4 | 42.5   | 64.5 | 88.7   | 114.4 | 142.2  | 169.7 | 198.5  | 228.2 |
| -47.5° | 0.0  | 9.8    | 24.1 | 39.7   | 60.8 | 83.4   | 107.2 | 133.8  | 160.1 | 186.9  | 215.3 |
| -50°   | 0.0  | 9.4    | 22.7 | 37.5   | 57.0 | 77.9   | 100.5 | 125.0  | 150.1 | 175.6  | 202.1 |
| -52.5° | 0.0  | 8.9    | 21.2 | 35.3   | 53.0 | 72.1   | 93.6  | 115.9  | 139.6 | 163.7  | 188.6 |
| -55°   | 0.0  | 8.4    | 19.8 | 33.1   | 48.8 | 66.8   | 86.5  | 106.6  | 128.6 | 151.2  | 174.5 |
| -57.5° | 0.0  | 7.9    | 18.2 | 30.7   | 44.6 | 61.5   | 79.1  | 98.1   | 117.2 | 138.2  | 159.9 |
| -60°   | 0.0  | 7.4    | 16.7 | 28.3   | 40.2 | 56.0   | 71.7  | 89.1   | 105.7 | 124.7  | 144.7 |
| -62.5° | 0.0  | 6.9    | 15.5 | 25.8   | 36.8 | 50.3   | 64.9  | 79.9   | 95.2  | 110.7  | 128.9 |
| -65°   | 0.0  | 6.3    | 14.3 | 23.2   | 33.2 | 44.5   | 58.0  | 70.9   | 84.5  | 98.2   | 112.7 |
| -67.5° | 0.0  | 5.7    | 13.0 | 20.5   | 29.5 | 39.2   | 50.9  | 62.5   | 73.6  | 86.0   | 98.2  |
| -70°   | 0.0  | 5.1    | 11.6 | 17.8   | 25.8 | 34.3   | 43.7  | 54.0   | 63.8  | 73.6   | 84.5  |
| -72.5° | 0.0  | 4.5    | 10.3 | 15.6   | 21.9 | 29.4   | 37.3  | 45.4   | 54.0  | 62.5   | 70.9  |
| -75°   | 0.0  | 3.9    | 8.9  | 13.4   | 18.0 | 24.3   | 31.0  | 37.6   | 44.0  | 51.4   | 58.6  |
| -77.5° | 0.0  | 3.3    | 7.4  | 11.2   | 14.9 | 19.1   | 24.6  | 30.0   | 35.3  | 40.5   | 46.1  |
| -80°   | 0.0  | 2.6    | 6.0  | 9.0    | 12.0 | 14.9   | 18.1  | 22.4   | 26.6  | 30.8   | 34.9  |
| -82.5° | 0.0  | 2.0    | 4.5  | 6.8    | 9.0  | 11.2   | 13.4  | 15.6   | 17.9  | 21.0   | 24.1  |
| -85°   | 0.0  | 1.3    | 3.0  | 4.5    | 6.0  | 7.5    | 8.9   | 10.4   | 11.8  | 13.2   | 14.6  |
| -87.5° | 0.0  | 0.7    | 1.5  | 2.3    | 3.0  | 3.7    | 4.5   | 5.2    | 5.9   | 6.6    | 7.3   |
| -90°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |





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 CATALOG NUMBER: GFLD-SA5B-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°  | -42.5° | -40°  | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 90°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 87.5°  | 8.0    | 8.6   | 9.3    | 9.9   | 10.5   | 11.1  | 11.7   | 12.2  | 12.8   | 13.3  | 13.7   |
| 85°    | 16.0   | 17.3  | 19.2   | 21.1  | 22.7   | 24.0  | 25.2   | 26.2  | 28.0   | 29.8  | 31.8   |
| 82.5°  | 27.2   | 30.1  | 33.0   | 35.8  | 37.7   | 39.3  | 40.8   | 43.0  | 46.8   | 50.4  | 53.8   |
| 80°    | 39.0   | 42.9  | 47.4   | 51.8  | 55.5   | 59.3  | 63.2   | 67.2  | 71.4   | 75.3  | 79.1   |
| 77.5°  | 52.0   | 57.7  | 63.4   | 68.8  | 74.3   | 80.2  | 85.8   | 91.3  | 96.5   | 101.5 | 106.2  |
| 75°    | 65.6   | 72.5  | 80.1   | 87.6  | 94.9   | 102.0 | 108.9  | 116.3 | 123.4  | 130.1 | 136.6  |
| 72.5°  | 79.9   | 89.1  | 98.1   | 106.9 | 116.3  | 125.6 | 134.6  | 143.2 | 151.6  | 160.4 | 169.7  |
| 70°    | 95.2   | 105.7 | 117.4  | 128.6 | 139.2  | 150.3 | 161.3  | 170.8 | 179.9  | 192.0 | 204.4  |
| 67.5°  | 110.9  | 125.1 | 138.3  | 150.9 | 165.0  | 178.0 | 189.3  | 201.4 | 214.4  | 228.3 | 240.6  |
| 65°    | 129.4  | 144.8 | 160.2  | 176.1 | 192.4  | 205.9 | 220.1  | 235.1 | 249.7  | 263.6 | 276.9  |
| 62.5°  | 147.6  | 165.0 | 182.7  | 200.1 | 216.8  | 233.1 | 250.1  | 266.8 | 282.9  | 299.1 | 313.4  |
| 60°    | 165.2  | 185.0 | 203.6  | 221.8 | 240.8  | 260.9 | 279.8  | 298.3 | 317.6  | 336.0 | 345.6  |
| 57.5°  | 182.2  | 203.3 | 222.8  | 243.2 | 265.4  | 288.3 | 308.1  | 329.1 | 345.6  | 358.3 | 370.8  |
| 55°    | 198.1  | 220.1 | 241.5  | 264.4 | 288.6  | 312.3 | 334.4  | 353.0 | 368.3  | 380.0 | 393.2  |
| 52.5°  | 213.1  | 236.3 | 259.5  | 284.6 | 310.2  | 335.5 | 358.6  | 376.1 | 389.8  | 401.8 | 414.2  |
| 50°    | 227.8  | 252.1 | 276.6  | 304.1 | 331.6  | 358.5 | 381.2  | 397.2 | 410.1  | 422.4 | 435.1  |
| 47.5°  | 242.2  | 267.7 | 294.1  | 323.5 | 353.2  | 379.2 | 400.6  | 415.3 | 428.4  | 442.8 | 456.7  |
| 45°    | 256.4  | 284.0 | 312.0  | 343.4 | 373.4  | 398.4 | 416.6  | 431.3 | 447.4  | 463.0 | 477.9  |
| 42.5°  | 270.2  | 299.9 | 330.3  | 363.0 | 391.9  | 414.4 | 431.4  | 448.8 | 466.2  | 482.8 | 499.6  |
| 40°    | 284.1  | 315.3 | 347.5  | 379.9 | 409.0  | 428.5 | 446.5  | 465.2 | 484.4  | 502.4 | 521.1  |
| 37.5°  | 297.5  | 329.7 | 362.9  | 395.7 | 422.2  | 441.9 | 460.6  | 481.2 | 501.4  | 521.1 | 545.4  |
| 35°    | 310.2  | 342.9 | 376.4  | 408.1 | 433.5  | 454.0 | 474.9  | 496.6 | 517.8  | 543.2 | 570.9  |
| 32.5°  | 321.5  | 354.7 | 388.6  | 418.2 | 443.1  | 465.2 | 488.6  | 511.3 | 536.7  | 565.5 | 598.8  |
| 30°    | 331.1  | 365.0 | 399.1  | 428.0 | 452.3  | 475.6 | 501.1  | 526.1 | 555.8  | 590.5 | 630.0  |
| 27.5°  | 339.5  | 374.3 | 407.5  | 436.3 | 461.1  | 484.3 | 511.1  | 542.6 | 576.8  | 615.6 | 662.1  |
| 25°    | 347.3  | 383.7 | 415.3  | 444.0 | 468.1  | 492.3 | 521.0  | 555.9 | 597.0  | 643.8 | 700.6  |
| 22.5°  | 354.7  | 392.8 | 423.3  | 451.3 | 473.5  | 499.7 | 532.0  | 570.0 | 614.7  | 669.5 | 738.7  |
| 20°    | 361.8  | 399.5 | 429.7  | 457.0 | 477.6  | 506.2 | 541.8  | 582.3 | 633.2  | 698.5 | 778.5  |
| 17.5°  | 368.4  | 405.3 | 434.7  | 460.3 | 483.0  | 513.1 | 550.4  | 592.4 | 649.2  | 724.8 | 815.1  |
| 15°    | 374.3  | 410.1 | 438.7  | 463.0 | 487.8  | 520.3 | 559.4  | 604.8 | 666.9  | 749.8 | 847.4  |
| 12.5°  | 379.6  | 414.0 | 441.8  | 465.2 | 491.7  | 526.2 | 567.3  | 617.8 | 685.9  | 774.5 | 888.5  |
| 10°    | 384.0  | 417.0 | 443.9  | 466.6 | 494.6  | 530.8 | 573.9  | 628.3 | 701.0  | 793.6 | 920.1  |
| 7.5°   | 387.9  | 419.4 | 445.4  | 467.4 | 496.5  | 533.9 | 579.1  | 636.4 | 711.6  | 807.2 | 942.9  |
| 5°     | 390.5  | 421.3 | 447.2  | 470.1 | 499.4  | 536.4 | 582.9  | 641.9 | 717.9  | 815.3 | 957.1  |
| 2.5°   | 392.1  | 422.4 | 448.2  | 472.6 | 502.5  | 538.5 | 585.8  | 647.9 | 722.9  | 823.1 | 967.9  |
| 0°     | 392.6  | 422.8 | 448.6  | 474.5 | 504.7  | 539.2 | 586.7  | 651.4 | 724.7  | 828.3 | 974.9  |
| -2.5°  | 392.1  | 422.4 | 448.2  | 472.6 | 502.5  | 538.5 | 585.8  | 647.9 | 722.9  | 823.1 | 967.9  |
| -5°    | 390.5  | 421.3 | 447.2  | 470.1 | 499.4  | 536.4 | 582.9  | 641.9 | 717.9  | 815.3 | 957.1  |
| -7.5°  | 387.9  | 419.4 | 445.4  | 467.4 | 496.5  | 533.9 | 579.1  | 636.4 | 711.6  | 807.2 | 942.9  |
| -10°   | 384.0  | 417.0 | 443.9  | 466.6 | 494.6  | 530.8 | 573.9  | 628.3 | 701.0  | 793.6 | 920.1  |
| -12.5° | 379.6  | 414.0 | 441.8  | 465.2 | 491.7  | 526.2 | 567.3  | 617.8 | 685.9  | 774.5 | 888.5  |
| -15°   | 374.3  | 410.1 | 438.7  | 463.0 | 487.8  | 520.3 | 559.4  | 604.8 | 666.9  | 749.8 | 847.4  |
| -17.5° | 368.4  | 405.3 | 434.7  | 460.3 | 483.0  | 513.1 | 550.4  | 592.4 | 649.2  | 724.8 | 815.1  |
| -20°   | 361.8  | 399.5 | 429.7  | 457.0 | 477.6  | 506.2 | 541.8  | 582.3 | 633.2  | 698.5 | 778.5  |

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

Scaled Data Report



REPORT NUMBER: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°  | -42.5° | -40°  | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 354.7  | 392.8 | 423.3  | 451.3 | 473.5  | 499.7 | 532.0  | 570.0 | 614.7  | 669.5 | 738.7  |
| -25°   | 347.3  | 383.7 | 415.3  | 444.0 | 468.1  | 492.3 | 521.0  | 555.9 | 597.0  | 643.8 | 700.6  |
| -27.5° | 339.5  | 374.3 | 407.5  | 436.3 | 461.1  | 484.3 | 511.1  | 542.6 | 576.8  | 615.6 | 662.1  |
| -30°   | 331.1  | 365.0 | 399.1  | 428.0 | 452.3  | 475.6 | 501.1  | 526.1 | 555.8  | 590.5 | 630.0  |
| -32.5° | 321.5  | 354.7 | 388.6  | 418.2 | 443.1  | 465.2 | 488.6  | 511.3 | 536.7  | 565.5 | 598.8  |
| -35°   | 310.2  | 342.9 | 376.4  | 408.1 | 433.5  | 454.0 | 474.9  | 496.6 | 517.8  | 543.2 | 570.9  |
| -37.5° | 297.5  | 329.7 | 362.9  | 395.7 | 422.2  | 441.9 | 460.6  | 481.2 | 501.4  | 521.1 | 545.4  |
| -40°   | 284.1  | 315.3 | 347.5  | 379.9 | 409.0  | 428.5 | 446.5  | 465.2 | 484.4  | 502.4 | 521.1  |
| -42.5° | 270.2  | 299.9 | 330.3  | 363.0 | 391.9  | 414.4 | 431.4  | 448.8 | 466.2  | 482.8 | 499.6  |
| -45°   | 256.4  | 284.0 | 312.0  | 343.4 | 373.4  | 398.4 | 416.6  | 431.3 | 447.4  | 463.0 | 477.9  |
| -47.5° | 242.2  | 267.7 | 294.1  | 323.5 | 353.2  | 379.2 | 400.6  | 415.3 | 428.4  | 442.8 | 456.7  |
| -50°   | 227.8  | 252.1 | 276.6  | 304.1 | 331.6  | 358.5 | 381.2  | 397.2 | 410.1  | 422.4 | 435.1  |
| -52.5° | 213.1  | 236.3 | 259.5  | 284.6 | 310.2  | 335.5 | 358.6  | 376.1 | 389.8  | 401.8 | 414.2  |
| -55°   | 198.1  | 220.1 | 241.5  | 264.4 | 288.6  | 312.3 | 334.4  | 353.0 | 368.3  | 380.0 | 393.2  |
| -57.5° | 182.2  | 203.3 | 222.8  | 243.2 | 265.4  | 288.3 | 308.1  | 329.1 | 345.6  | 358.3 | 370.8  |
| -60°   | 165.2  | 185.0 | 203.6  | 221.8 | 240.8  | 260.9 | 279.8  | 298.3 | 317.6  | 336.0 | 345.6  |
| -62.5° | 147.6  | 165.0 | 182.7  | 200.1 | 216.8  | 233.1 | 250.1  | 266.8 | 282.9  | 299.1 | 313.4  |
| -65°   | 129.4  | 144.8 | 160.2  | 176.1 | 192.4  | 205.9 | 220.1  | 235.1 | 249.7  | 263.6 | 276.9  |
| -67.5° | 110.9  | 125.1 | 138.3  | 150.9 | 165.0  | 178.0 | 189.3  | 201.4 | 214.4  | 228.3 | 240.6  |
| -70°   | 95.2   | 105.7 | 117.4  | 128.6 | 139.2  | 150.3 | 161.3  | 170.8 | 179.9  | 192.0 | 204.4  |
| -72.5° | 79.9   | 89.1  | 98.1   | 106.9 | 116.3  | 125.6 | 134.6  | 143.2 | 151.6  | 160.4 | 169.7  |
| -75°   | 65.6   | 72.5  | 80.1   | 87.6  | 94.9   | 102.0 | 108.9  | 116.3 | 123.4  | 130.1 | 136.6  |
| -77.5° | 52.0   | 57.7  | 63.4   | 68.8  | 74.3   | 80.2  | 85.8   | 91.3  | 96.5   | 101.5 | 106.2  |
| -80°   | 39.0   | 42.9  | 47.4   | 51.8  | 55.5   | 59.3  | 63.2   | 67.2  | 71.4   | 75.3  | 79.1   |
| -82.5° | 27.2   | 30.1  | 33.0   | 35.8  | 37.7   | 39.3  | 40.8   | 43.0  | 46.8   | 50.4  | 53.8   |
| -85°   | 16.0   | 17.3  | 19.2   | 21.1  | 22.7   | 24.0  | 25.2   | 26.2  | 28.0   | 29.8  | 31.8   |
| -87.5° | 8.0    | 8.6   | 9.3    | 9.9   | 10.5   | 11.1  | 11.7   | 12.2  | 12.8   | 13.3  | 13.7   |
| -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: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-NR-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°  | 14.2   | 14.6   | 15.0   | 15.3   | 15.7   | 16.0   | 16.3    | 16.5    | 16.7    | 15.8    | 14.9    |
| 85°    | 33.7   | 35.0   | 36.2   | 37.3   | 38.3   | 39.2   | 40.0    | 40.7    | 41.3    | 40.8    | 40.2    |
| 82.5°  | 56.8   | 59.0   | 61.1   | 63.0   | 64.8   | 66.4   | 67.8    | 69.1    | 70.2    | 70.1    | 69.8    |
| 80°    | 82.7   | 86.4   | 90.1   | 93.8   | 97.4   | 99.6   | 101.2   | 102.3   | 103.1   | 103.5   | 103.6   |
| 77.5°  | 111.1  | 116.8  | 122.8  | 128.7  | 134.5  | 137.8  | 140.1   | 142.1   | 143.7   | 144.0   | 143.7   |
| 75°    | 142.7  | 150.1  | 158.2  | 165.3  | 171.5  | 175.2  | 177.9   | 180.1   | 181.9   | 182.4   | 182.2   |
| 72.5°  | 179.3  | 188.4  | 195.7  | 201.7  | 206.9  | 211.0  | 214.3   | 217.1   | 219.4   | 220.3   | 220.5   |
| 70°    | 215.3  | 224.3  | 231.3  | 237.4  | 242.5  | 246.8  | 250.7   | 254.1   | 256.9   | 258.9   | 260.5   |
| 67.5°  | 251.9  | 262.1  | 269.3  | 274.8  | 279.2  | 283.6  | 288.8   | 293.4   | 297.2   | 299.8   | 301.0   |
| 65°    | 289.3  | 300.0  | 306.8  | 312.9  | 318.2  | 323.8  | 329.7   | 333.9   | 336.8   | 338.5   | 339.7   |
| 62.5°  | 325.7  | 335.6  | 344.2  | 352.2  | 359.9  | 366.3  | 370.3   | 373.9   | 377.0   | 379.6   | 381.5   |
| 60°    | 356.8  | 369.5  | 379.1  | 386.8  | 394.3  | 401.6  | 406.5   | 410.4   | 413.5   | 415.8   | 417.2   |
| 57.5°  | 383.4  | 396.3  | 407.7  | 415.1  | 423.3  | 432.0  | 437.7   | 441.0   | 444.1   | 446.7   | 447.9   |
| 55°    | 406.7  | 418.6  | 429.1  | 439.3  | 448.4  | 456.3  | 462.3   | 466.8   | 470.5   | 473.5   | 474.4   |
| 52.5°  | 427.6  | 440.6  | 452.9  | 463.7  | 472.7  | 480.2  | 486.2   | 491.7   | 495.9   | 498.7   | 500.0   |
| 50°    | 449.6  | 463.5  | 476.8  | 488.6  | 497.8  | 506.3  | 513.8   | 520.2   | 526.4   | 531.3   | 534.8   |
| 47.5°  | 471.2  | 486.1  | 500.7  | 513.7  | 524.8  | 537.0  | 547.9   | 557.1   | 566.1   | 573.4   | 578.5   |
| 45°    | 493.1  | 510.2  | 526.1  | 542.9  | 557.9  | 573.8  | 588.6   | 601.4   | 614.5   | 624.3   | 631.0   |
| 42.5°  | 517.3  | 536.7  | 555.8  | 576.8  | 597.3  | 618.0  | 640.4   | 660.4   | 675.9   | 690.3   | 702.1   |
| 40°    | 543.2  | 565.5  | 590.5  | 616.2  | 646.3  | 673.7  | 703.8   | 729.6   | 753.0   | 777.7   | 797.4   |
| 37.5°  | 570.9  | 598.8  | 631.5  | 665.9  | 704.9  | 742.3  | 781.7   | 820.4   | 854.1   | 893.9   | 924.2   |
| 35°    | 601.6  | 638.7  | 679.0  | 725.5  | 774.1  | 827.8  | 881.6   | 943.7   | 997.2   | 1056.0  | 1107.3  |
| 32.5°  | 637.8  | 682.1  | 735.0  | 796.3  | 858.8  | 940.2  | 1016.3  | 1115.3  | 1200.8  | 1294.2  | 1388.2  |
| 30°    | 675.0  | 732.9  | 801.3  | 878.5  | 977.8  | 1089.8 | 1214.6  | 1361.8  | 1513.5  | 1660.3  | 1837.4  |
| 27.5°  | 721.2  | 791.1  | 873.9  | 986.7  | 1132.8 | 1284.2 | 1498.8  | 1719.7  | 1998.6  | 2229.3  | 2554.5  |
| 25°    | 769.2  | 851.5  | 969.1  | 1122.6 | 1313.2 | 1575.9 | 1901.6  | 2254.7  | 2745.4  | 3176.5  | 3682.1  |
| 22.5°  | 821.4  | 932.5  | 1078.8 | 1268.3 | 1557.4 | 1960.6 | 2453.8  | 3118.5  | 3842.3  | 4610.7  | 5375.0  |
| 20°    | 875.8  | 1010.2 | 1202.0 | 1476.6 | 1873.3 | 2419.4 | 3266.1  | 4292.2  | 5326.2  | 6594.1  | 7716.9  |
| 17.5°  | 938.8  | 1109.9 | 1346.2 | 1689.6 | 2219.0 | 3055.5 | 4230.2  | 5662.7  | 7266.8  | 9089.8  | 10708.5 |
| 15°    | 991.3  | 1195.3 | 1493.6 | 1974.0 | 2702.1 | 3776.4 | 5257.8  | 7228.3  | 9638.9  | 12087.3 | 14571.3 |
| 12.5°  | 1052.2 | 1288.2 | 1638.6 | 2211.4 | 3125.8 | 4553.6 | 6569.9  | 9064.1  | 12074.7 | 15470.7 | 19474.2 |
| 10°    | 1106.3 | 1379.4 | 1814.9 | 2524.0 | 3641.5 | 5364.1 | 7811.2  | 10811.9 | 14697.1 | 19583.2 | 25782.9 |
| 7.5°   | 1146.4 | 1452.0 | 1951.2 | 2762.0 | 4087.3 | 6143.4 | 8984.0  | 12725.9 | 17662.6 | 24114.7 | 32623.3 |
| 5°     | 1172.5 | 1504.6 | 2047.5 | 2945.5 | 4436.3 | 6723.4 | 9843.5  | 14083.4 | 20039.2 | 29164.6 | 43572.7 |
| 2.5°   | 1188.1 | 1535.7 | 2102.5 | 3053.2 | 4648.6 | 7107.7 | 10497.4 | 15109.8 | 21579.4 | 32285.4 | 50615.2 |
| 0°     | 1195.0 | 1544.4 | 2135.4 | 3110.3 | 4719.4 | 7256.0 | 10797.8 | 15577.6 | 22268.5 | 33014.5 | 51853.5 |
| -2.5°  | 1188.1 | 1535.7 | 2102.5 | 3053.2 | 4648.6 | 7107.7 | 10497.4 | 15109.8 | 21579.4 | 32285.4 | 50615.2 |
| -5°    | 1172.5 | 1504.6 | 2047.5 | 2945.5 | 4436.3 | 6723.4 | 9843.5  | 14083.4 | 20039.2 | 29164.6 | 43572.7 |
| -7.5°  | 1146.4 | 1452.0 | 1951.2 | 2762.0 | 4087.3 | 6143.4 | 8984.0  | 12725.9 | 17662.6 | 24114.7 | 32623.3 |
| -10°   | 1106.3 | 1379.4 | 1814.9 | 2524.0 | 3641.5 | 5364.1 | 7811.2  | 10811.9 | 14697.1 | 19583.2 | 25782.9 |
| -12.5° | 1052.2 | 1288.2 | 1638.6 | 2211.4 | 3125.8 | 4553.6 | 6569.9  | 9064.1  | 12074.7 | 15470.7 | 19474.2 |
| -15°   | 991.3  | 1195.3 | 1493.6 | 1974.0 | 2702.1 | 3776.4 | 5257.8  | 7228.3  | 9638.9  | 12087.3 | 14571.3 |
| -17.5° | 938.8  | 1109.9 | 1346.2 | 1689.6 | 2219.0 | 3055.5 | 4230.2  | 5662.7  | 7266.8  | 9089.8  | 10708.5 |
| -20°   | 875.8  | 1010.2 | 1202.0 | 1476.6 | 1873.3 | 2419.4 | 3266.1  | 4292.2  | 5326.2  | 6594.1  | 7716.9  |

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Scaled Data Report



REPORT NUMBER: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35°  | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 821.4 | 932.5  | 1078.8 | 1268.3 | 1557.4 | 1960.6 | 2453.8 | 3118.5 | 3842.3 | 4610.7 | 5375.0 |
| -25°   | 769.2 | 851.5  | 969.1  | 1122.6 | 1313.2 | 1575.9 | 1901.6 | 2254.7 | 2745.4 | 3176.5 | 3682.1 |
| -27.5° | 721.2 | 791.1  | 873.9  | 986.7  | 1132.8 | 1284.2 | 1498.8 | 1719.7 | 1998.6 | 2229.3 | 2554.5 |
| -30°   | 675.0 | 732.9  | 801.3  | 878.5  | 977.8  | 1089.8 | 1214.6 | 1361.8 | 1513.5 | 1660.3 | 1837.4 |
| -32.5° | 637.8 | 682.1  | 735.0  | 796.3  | 858.8  | 940.2  | 1016.3 | 1115.3 | 1200.8 | 1294.2 | 1388.2 |
| -35°   | 601.6 | 638.7  | 679.0  | 725.5  | 774.1  | 827.8  | 881.6  | 943.7  | 997.2  | 1056.0 | 1107.3 |
| -37.5° | 570.9 | 598.8  | 631.5  | 665.9  | 704.9  | 742.3  | 781.7  | 820.4  | 854.1  | 893.9  | 924.2  |
| -40°   | 543.2 | 565.5  | 590.5  | 616.2  | 646.3  | 673.7  | 703.8  | 729.6  | 753.0  | 777.7  | 797.4  |
| -42.5° | 517.3 | 536.7  | 555.8  | 576.8  | 597.3  | 618.0  | 640.4  | 660.4  | 675.9  | 690.3  | 702.1  |
| -45°   | 493.1 | 510.2  | 526.1  | 542.9  | 557.9  | 573.8  | 588.6  | 601.4  | 614.5  | 624.3  | 631.0  |
| -47.5° | 471.2 | 486.1  | 500.7  | 513.7  | 524.8  | 537.0  | 547.9  | 557.1  | 566.1  | 573.4  | 578.5  |
| -50°   | 449.6 | 463.5  | 476.8  | 488.6  | 497.8  | 506.3  | 513.8  | 520.2  | 526.4  | 531.3  | 534.8  |
| -52.5° | 427.6 | 440.6  | 452.9  | 463.7  | 472.7  | 480.2  | 486.2  | 491.7  | 495.9  | 498.7  | 500.0  |
| -55°   | 406.7 | 418.6  | 429.1  | 439.3  | 448.4  | 456.3  | 462.3  | 466.8  | 470.5  | 473.5  | 474.4  |
| -57.5° | 383.4 | 396.3  | 407.7  | 415.1  | 423.3  | 432.0  | 437.7  | 441.0  | 444.1  | 446.7  | 447.9  |
| -60°   | 356.8 | 369.5  | 379.1  | 386.8  | 394.3  | 401.6  | 406.5  | 410.4  | 413.5  | 415.8  | 417.2  |
| -62.5° | 325.7 | 335.6  | 344.2  | 352.2  | 359.9  | 366.3  | 370.3  | 373.9  | 377.0  | 379.6  | 381.5  |
| -65°   | 289.3 | 300.0  | 306.8  | 312.9  | 318.2  | 323.8  | 329.7  | 333.9  | 336.8  | 338.5  | 339.7  |
| -67.5° | 251.9 | 262.1  | 269.3  | 274.8  | 279.2  | 283.6  | 288.8  | 293.4  | 297.2  | 299.8  | 301.0  |
| -70°   | 215.3 | 224.3  | 231.3  | 237.4  | 242.5  | 246.8  | 250.7  | 254.1  | 256.9  | 258.9  | 260.5  |
| -72.5° | 179.3 | 188.4  | 195.7  | 201.7  | 206.9  | 211.0  | 214.3  | 217.1  | 219.4  | 220.3  | 220.5  |
| -75°   | 142.7 | 150.1  | 158.2  | 165.3  | 171.5  | 175.2  | 177.9  | 180.1  | 181.9  | 182.4  | 182.2  |
| -77.5° | 111.1 | 116.8  | 122.8  | 128.7  | 134.5  | 137.8  | 140.1  | 142.1  | 143.7  | 144.0  | 143.7  |
| -80°   | 82.7  | 86.4   | 90.1   | 93.8   | 97.4   | 99.6   | 101.2  | 102.3  | 103.1  | 103.5  | 103.6  |
| -82.5° | 56.8  | 59.0   | 61.1   | 63.0   | 64.8   | 66.4   | 67.8   | 69.1   | 70.2   | 70.1   | 69.8   |
| -85°   | 33.7  | 35.0   | 36.2   | 37.3   | 38.3   | 39.2   | 40.0   | 40.7   | 41.3   | 40.8   | 40.2   |
| -87.5° | 14.2  | 14.6   | 15.0   | 15.3   | 15.7   | 16.0   | 16.3   | 16.5   | 16.7   | 15.8   | 14.9   |
| -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: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-NR-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°  | 13.9    | 12.9     | 12.9     | 12.9     | 12.9     | 12.9     | 13.9    | 14.9    | 15.8    | 16.7    | 16.5    |
| 85°    | 39.4    | 38.6     | 38.8     | 38.8     | 38.8     | 38.6     | 39.4    | 40.2    | 40.8    | 41.3    | 40.7    |
| 82.5°  | 69.3    | 68.7     | 68.9     | 69.0     | 68.9     | 68.7     | 69.3    | 69.8    | 70.1    | 70.2    | 69.1    |
| 80°    | 103.4   | 103.0    | 101.3    | 99.2     | 101.3    | 103.0    | 103.4   | 103.6   | 103.5   | 103.1   | 102.3   |
| 77.5°  | 143.0   | 141.8    | 140.1    | 138.0    | 140.1    | 141.8    | 143.0   | 143.7   | 144.0   | 143.7   | 142.1   |
| 75°    | 181.5   | 180.4    | 181.0    | 181.2    | 181.0    | 180.4    | 181.5   | 182.2   | 182.4   | 181.9   | 180.1   |
| 72.5°  | 220.1   | 219.1    | 219.7    | 220.0    | 219.7    | 219.1    | 220.1   | 220.5   | 220.3   | 219.4   | 217.1   |
| 70°    | 261.5   | 262.0    | 260.8    | 258.8    | 260.8    | 262.0    | 261.5   | 260.5   | 258.9   | 256.9   | 254.1   |
| 67.5°  | 301.4   | 300.9    | 299.7    | 297.7    | 299.7    | 300.9    | 301.4   | 301.0   | 299.8   | 297.2   | 293.4   |
| 65°    | 340.1   | 339.7    | 340.4    | 340.8    | 340.4    | 339.7    | 340.1   | 339.7   | 338.5   | 336.8   | 333.9   |
| 62.5°  | 382.5   | 382.5    | 381.6    | 379.6    | 381.6    | 382.5    | 382.5   | 381.5   | 379.6   | 377.0   | 373.9   |
| 60°    | 417.7   | 417.4    | 416.2    | 414.1    | 416.2    | 417.4    | 417.7   | 417.2   | 415.8   | 413.5   | 410.4   |
| 57.5°  | 448.2   | 447.7    | 446.4    | 444.3    | 446.4    | 447.7    | 448.2   | 447.9   | 446.7   | 444.1   | 441.0   |
| 55°    | 474.5   | 473.9    | 472.4    | 470.2    | 472.4    | 473.9    | 474.5   | 474.4   | 473.5   | 470.5   | 466.8   |
| 52.5°  | 500.3   | 499.8    | 499.9    | 500.4    | 499.9    | 499.8    | 500.3   | 500.0   | 498.7   | 495.9   | 491.7   |
| 50°    | 537.0   | 537.7    | 537.0    | 534.9    | 537.0    | 537.7    | 537.0   | 534.8   | 531.3   | 526.4   | 520.2   |
| 47.5°  | 580.9   | 581.2    | 580.2    | 578.1    | 580.2    | 581.2    | 580.9   | 578.5   | 573.4   | 566.1   | 557.1   |
| 45°    | 636.2   | 639.4    | 640.2    | 638.5    | 640.2    | 639.4    | 636.2   | 631.0   | 624.3   | 614.5   | 601.4   |
| 42.5°  | 711.1   | 716.0    | 717.4    | 716.1    | 717.4    | 716.0    | 711.1   | 702.1   | 690.3   | 675.9   | 660.4   |
| 40°    | 809.4   | 815.0    | 816.1    | 815.3    | 816.1    | 815.0    | 809.4   | 797.4   | 777.7   | 753.0   | 729.6   |
| 37.5°  | 945.5   | 959.1    | 965.5    | 966.3    | 965.5    | 959.1    | 945.5   | 924.2   | 893.9   | 854.1   | 820.4   |
| 35°    | 1146.4  | 1173.5   | 1188.0   | 1195.0   | 1188.0   | 1173.5   | 1146.4  | 1107.3  | 1056.0  | 997.2   | 943.7   |
| 32.5°  | 1459.5  | 1513.7   | 1543.7   | 1540.1   | 1543.7   | 1513.7   | 1459.5  | 1388.2  | 1294.2  | 1200.8  | 1115.3  |
| 30°    | 1970.9  | 2065.8   | 2113.5   | 2100.9   | 2113.5   | 2065.8   | 1970.9  | 1837.4  | 1660.3  | 1513.5  | 1361.8  |
| 27.5°  | 2788.1  | 2959.6   | 3058.7   | 3045.6   | 3058.7   | 2959.6   | 2788.1  | 2554.5  | 2229.3  | 1998.6  | 1719.7  |
| 25°    | 4104.8  | 4417.7   | 4618.0   | 4568.5   | 4618.0   | 4417.7   | 4104.8  | 3682.1  | 3176.5  | 2745.4  | 2254.7  |
| 22.5°  | 6107.8  | 6637.9   | 6988.7   | 6945.4   | 6988.7   | 6637.9   | 6107.8  | 5375.0  | 4610.7  | 3842.3  | 3118.5  |
| 20°    | 8855.4  | 9662.2   | 10238.3  | 10314.6  | 10238.3  | 9662.2   | 8855.4  | 7716.9  | 6594.1  | 5326.2  | 4292.2  |
| 17.5°  | 12456.9 | 13736.1  | 14626.6  | 14775.2  | 14626.6  | 13736.1  | 12456.9 | 10708.5 | 9089.8  | 7266.8  | 5662.7  |
| 15°    | 17137.5 | 19228.4  | 20741.6  | 20866.5  | 20741.6  | 19228.4  | 17137.5 | 14571.3 | 12087.3 | 9638.9  | 7228.3  |
| 12.5°  | 23493.1 | 27698.5  | 30443.1  | 31651.3  | 30443.1  | 27698.5  | 23493.1 | 19474.2 | 15470.7 | 12074.7 | 9064.1  |
| 10°    | 32289.0 | 41948.4  | 48134.5  | 50460.1  | 48134.5  | 41948.4  | 32289.0 | 25782.9 | 19583.2 | 14697.1 | 10811.9 |
| 7.5°   | 46980.6 | 62146.3  | 79006.5  | 86192.4  | 79006.5  | 62146.3  | 46980.6 | 32623.3 | 24114.7 | 17662.6 | 12725.9 |
| 5°     | 63617.8 | 95092.6  | 125030.8 | 136721.5 | 125030.8 | 95092.6  | 63617.8 | 43572.7 | 29164.6 | 20039.2 | 14083.4 |
| 2.5°   | 81124.4 | 124995.7 | 166106.5 | 182184.0 | 166106.5 | 124995.7 | 81124.4 | 50615.2 | 32285.4 | 21579.4 | 15109.8 |
| 0°     | 87961.2 | 138089.1 | 183320.7 | 201348.6 | 183320.7 | 138089.1 | 87961.2 | 51853.5 | 33014.5 | 22268.5 | 15577.6 |
| -2.5°  | 81124.4 | 124995.7 | 166106.5 | 182184.0 | 166106.5 | 124995.7 | 81124.4 | 50615.2 | 32285.4 | 21579.4 | 15109.8 |
| -5°    | 63617.8 | 95092.6  | 125030.8 | 136721.5 | 125030.8 | 95092.6  | 63617.8 | 43572.7 | 29164.6 | 20039.2 | 14083.4 |
| -7.5°  | 46980.6 | 62146.3  | 79006.5  | 86192.4  | 79006.5  | 62146.3  | 46980.6 | 32623.3 | 24114.7 | 17662.6 | 12725.9 |
| -10°   | 32289.0 | 41948.4  | 48134.5  | 50460.1  | 48134.5  | 41948.4  | 32289.0 | 25782.9 | 19583.2 | 14697.1 | 10811.9 |
| -12.5° | 23493.1 | 27698.5  | 30443.1  | 31651.3  | 30443.1  | 27698.5  | 23493.1 | 19474.2 | 15470.7 | 12074.7 | 9064.1  |
| -15°   | 17137.5 | 19228.4  | 20741.6  | 20866.5  | 20741.6  | 19228.4  | 17137.5 | 14571.3 | 12087.3 | 9638.9  | 7228.3  |
| -17.5° | 12456.9 | 13736.1  | 14626.6  | 14775.2  | 14626.6  | 13736.1  | 12456.9 | 10708.5 | 9089.8  | 7266.8  | 5662.7  |
| -20°   | 8855.4  | 9662.2   | 10238.3  | 10314.6  | 10238.3  | 9662.2   | 8855.4  | 7716.9  | 6594.1  | 5326.2  | 4292.2  |



REPORT NUMBER: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°  | -5°    | -2.5°  | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6107.8 | 6637.9 | 6988.7 | 6945.4 | 6988.7 | 6637.9 | 6107.8 | 5375.0 | 4610.7 | 3842.3 | 3118.5 |
| -25°   | 4104.8 | 4417.7 | 4618.0 | 4568.5 | 4618.0 | 4417.7 | 4104.8 | 3682.1 | 3176.5 | 2745.4 | 2254.7 |
| -27.5° | 2788.1 | 2959.6 | 3058.7 | 3045.6 | 3058.7 | 2959.6 | 2788.1 | 2554.5 | 2229.3 | 1998.6 | 1719.7 |
| -30°   | 1970.9 | 2065.8 | 2113.5 | 2100.9 | 2113.5 | 2065.8 | 1970.9 | 1837.4 | 1660.3 | 1513.5 | 1361.8 |
| -32.5° | 1459.5 | 1513.7 | 1543.7 | 1540.1 | 1543.7 | 1513.7 | 1459.5 | 1388.2 | 1294.2 | 1200.8 | 1115.3 |
| -35°   | 1146.4 | 1173.5 | 1188.0 | 1195.0 | 1188.0 | 1173.5 | 1146.4 | 1107.3 | 1056.0 | 997.2  | 943.7  |
| -37.5° | 945.5  | 959.1  | 965.5  | 966.3  | 965.5  | 959.1  | 945.5  | 924.2  | 893.9  | 854.1  | 820.4  |
| -40°   | 809.4  | 815.0  | 816.1  | 815.3  | 816.1  | 815.0  | 809.4  | 797.4  | 777.7  | 753.0  | 729.6  |
| -42.5° | 711.1  | 716.0  | 717.4  | 716.1  | 717.4  | 716.0  | 711.1  | 702.1  | 690.3  | 675.9  | 660.4  |
| -45°   | 636.2  | 639.4  | 640.2  | 638.5  | 640.2  | 639.4  | 636.2  | 631.0  | 624.3  | 614.5  | 601.4  |
| -47.5° | 580.9  | 581.2  | 580.2  | 578.1  | 580.2  | 581.2  | 580.9  | 578.5  | 573.4  | 566.1  | 557.1  |
| -50°   | 537.0  | 537.7  | 537.0  | 534.9  | 537.0  | 537.7  | 537.0  | 534.8  | 531.3  | 526.4  | 520.2  |
| -52.5° | 500.3  | 499.8  | 499.9  | 500.4  | 499.9  | 499.8  | 500.3  | 500.0  | 498.7  | 495.9  | 491.7  |
| -55°   | 474.5  | 473.9  | 472.4  | 470.2  | 472.4  | 473.9  | 474.5  | 474.4  | 473.5  | 470.5  | 466.8  |
| -57.5° | 448.2  | 447.7  | 446.4  | 444.3  | 446.4  | 447.7  | 448.2  | 447.9  | 446.7  | 444.1  | 441.0  |
| -60°   | 417.7  | 417.4  | 416.2  | 414.1  | 416.2  | 417.4  | 417.7  | 417.2  | 415.8  | 413.5  | 410.4  |
| -62.5° | 382.5  | 382.5  | 381.6  | 379.6  | 381.6  | 382.5  | 382.5  | 381.5  | 379.6  | 377.0  | 373.9  |
| -65°   | 340.1  | 339.7  | 340.4  | 340.8  | 340.4  | 339.7  | 340.1  | 339.7  | 338.5  | 336.8  | 333.9  |
| -67.5° | 301.4  | 300.9  | 299.7  | 297.7  | 299.7  | 300.9  | 301.4  | 301.0  | 299.8  | 297.2  | 293.4  |
| -70°   | 261.5  | 262.0  | 260.8  | 258.8  | 260.8  | 262.0  | 261.5  | 260.5  | 258.9  | 256.9  | 254.1  |
| -72.5° | 220.1  | 219.1  | 219.7  | 220.0  | 219.7  | 219.1  | 220.1  | 220.5  | 220.3  | 219.4  | 217.1  |
| -75°   | 181.5  | 180.4  | 181.0  | 181.2  | 181.0  | 180.4  | 181.5  | 182.2  | 182.4  | 181.9  | 180.1  |
| -77.5° | 143.0  | 141.8  | 140.1  | 138.0  | 140.1  | 141.8  | 143.0  | 143.7  | 144.0  | 143.7  | 142.1  |
| -80°   | 103.4  | 103.0  | 101.3  | 99.2   | 101.3  | 103.0  | 103.4  | 103.6  | 103.5  | 103.1  | 102.3  |
| -82.5° | 69.3   | 68.7   | 68.9   | 69.0   | 68.9   | 68.7   | 69.3   | 69.8   | 70.1   | 70.2   | 69.1   |
| -85°   | 39.4   | 38.6   | 38.8   | 38.8   | 38.8   | 38.6   | 39.4   | 40.2   | 40.8   | 41.3   | 40.7   |
| -87.5° | 13.9   | 12.9   | 12.9   | 12.9   | 12.9   | 12.9   | 13.9   | 14.9   | 15.8   | 16.7   | 16.5   |
| -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: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°  | 16.3    | 16.0   | 15.7   | 15.3   | 15.0   | 14.6   | 14.2   | 13.7  | 13.3  | 12.8  | 12.2  |
| 85°    | 40.0    | 39.2   | 38.3   | 37.3   | 36.2   | 35.0   | 33.7   | 31.8  | 29.8  | 28.0  | 26.2  |
| 82.5°  | 67.8    | 66.4   | 64.8   | 63.0   | 61.1   | 59.0   | 56.8   | 53.8  | 50.4  | 46.8  | 43.0  |
| 80°    | 101.2   | 99.6   | 97.4   | 93.8   | 90.1   | 86.4   | 82.7   | 79.1  | 75.3  | 71.4  | 67.2  |
| 77.5°  | 140.1   | 137.8  | 134.5  | 128.7  | 122.8  | 116.8  | 111.1  | 106.2 | 101.5 | 96.5  | 91.3  |
| 75°    | 177.9   | 175.2  | 171.5  | 165.3  | 158.2  | 150.1  | 142.7  | 136.6 | 130.1 | 123.4 | 116.3 |
| 72.5°  | 214.3   | 211.0  | 206.9  | 201.7  | 195.7  | 188.4  | 179.3  | 169.7 | 160.4 | 151.6 | 143.2 |
| 70°    | 250.7   | 246.8  | 242.5  | 237.4  | 231.3  | 224.3  | 215.3  | 204.4 | 192.0 | 179.9 | 170.8 |
| 67.5°  | 288.8   | 283.6  | 279.2  | 274.8  | 269.3  | 262.1  | 251.9  | 240.6 | 228.3 | 214.4 | 201.4 |
| 65°    | 329.7   | 323.8  | 318.2  | 312.9  | 306.8  | 300.0  | 289.3  | 276.9 | 263.6 | 249.7 | 235.1 |
| 62.5°  | 370.3   | 366.3  | 359.9  | 352.2  | 344.2  | 335.6  | 325.7  | 313.4 | 299.1 | 282.9 | 266.8 |
| 60°    | 406.5   | 401.6  | 394.3  | 386.8  | 379.1  | 369.5  | 356.8  | 345.6 | 336.0 | 317.6 | 298.3 |
| 57.5°  | 437.7   | 432.0  | 423.3  | 415.1  | 407.7  | 396.3  | 383.4  | 370.8 | 358.3 | 345.6 | 329.1 |
| 55°    | 462.3   | 456.3  | 448.4  | 439.3  | 429.1  | 418.6  | 406.7  | 393.2 | 380.0 | 368.3 | 353.0 |
| 52.5°  | 486.2   | 480.2  | 472.7  | 463.7  | 452.9  | 440.6  | 427.6  | 414.2 | 401.8 | 389.8 | 376.1 |
| 50°    | 513.8   | 506.3  | 497.8  | 488.6  | 476.8  | 463.5  | 449.6  | 435.1 | 422.4 | 410.1 | 397.2 |
| 47.5°  | 547.9   | 537.0  | 524.8  | 513.7  | 500.7  | 486.1  | 471.2  | 456.7 | 442.8 | 428.4 | 415.3 |
| 45°    | 588.6   | 573.8  | 557.9  | 542.9  | 526.1  | 510.2  | 493.1  | 477.9 | 463.0 | 447.4 | 431.3 |
| 42.5°  | 640.4   | 618.0  | 597.3  | 576.8  | 555.8  | 536.7  | 517.3  | 499.6 | 482.8 | 466.2 | 448.8 |
| 40°    | 703.8   | 673.7  | 646.3  | 616.2  | 590.5  | 565.5  | 543.2  | 521.1 | 502.4 | 484.4 | 465.2 |
| 37.5°  | 781.7   | 742.3  | 704.9  | 665.9  | 631.5  | 598.8  | 570.9  | 545.4 | 521.1 | 501.4 | 481.2 |
| 35°    | 881.6   | 827.8  | 774.1  | 725.5  | 679.0  | 638.7  | 601.6  | 570.9 | 543.2 | 517.8 | 496.6 |
| 32.5°  | 1016.3  | 940.2  | 858.8  | 796.3  | 735.0  | 682.1  | 637.8  | 598.8 | 565.5 | 536.7 | 511.3 |
| 30°    | 1214.6  | 1089.8 | 977.8  | 878.5  | 801.3  | 732.9  | 675.0  | 630.0 | 590.5 | 555.8 | 526.1 |
| 27.5°  | 1498.8  | 1284.2 | 1132.8 | 986.7  | 873.9  | 791.1  | 721.2  | 662.1 | 615.6 | 576.8 | 542.6 |
| 25°    | 1901.6  | 1575.9 | 1313.2 | 1122.6 | 969.1  | 851.5  | 769.2  | 700.6 | 643.8 | 597.0 | 555.9 |
| 22.5°  | 2453.8  | 1960.6 | 1557.4 | 1268.3 | 1078.8 | 932.5  | 821.4  | 738.7 | 669.5 | 614.7 | 570.0 |
| 20°    | 3266.1  | 2419.4 | 1873.3 | 1476.6 | 1202.0 | 1010.2 | 875.8  | 778.5 | 698.5 | 633.2 | 582.3 |
| 17.5°  | 4230.2  | 3055.5 | 2219.0 | 1689.6 | 1346.2 | 1109.9 | 938.8  | 815.1 | 724.8 | 649.2 | 592.4 |
| 15°    | 5257.8  | 3776.4 | 2702.1 | 1974.0 | 1493.6 | 1195.3 | 991.3  | 847.4 | 749.8 | 666.9 | 604.8 |
| 12.5°  | 6569.9  | 4553.6 | 3125.8 | 2211.4 | 1638.6 | 1288.2 | 1052.2 | 888.5 | 774.5 | 685.9 | 617.8 |
| 10°    | 7811.2  | 5364.1 | 3641.5 | 2524.0 | 1814.9 | 1379.4 | 1106.3 | 920.1 | 793.6 | 701.0 | 628.3 |
| 7.5°   | 8984.0  | 6143.4 | 4087.3 | 2762.0 | 1951.2 | 1452.0 | 1146.4 | 942.9 | 807.2 | 711.6 | 636.4 |
| 5°     | 9843.5  | 6723.4 | 4436.3 | 2945.5 | 2047.5 | 1504.6 | 1172.5 | 957.1 | 815.3 | 717.9 | 641.9 |
| 2.5°   | 10497.4 | 7107.7 | 4648.6 | 3053.2 | 2102.5 | 1535.7 | 1188.1 | 967.9 | 823.1 | 722.9 | 647.9 |
| 0°     | 10797.8 | 7256.0 | 4719.4 | 3110.3 | 2135.4 | 1544.4 | 1195.0 | 974.9 | 828.3 | 724.7 | 651.4 |
| -2.5°  | 10497.4 | 7107.7 | 4648.6 | 3053.2 | 2102.5 | 1535.7 | 1188.1 | 967.9 | 823.1 | 722.9 | 647.9 |
| -5°    | 9843.5  | 6723.4 | 4436.3 | 2945.5 | 2047.5 | 1504.6 | 1172.5 | 957.1 | 815.3 | 717.9 | 641.9 |
| -7.5°  | 8984.0  | 6143.4 | 4087.3 | 2762.0 | 1951.2 | 1452.0 | 1146.4 | 942.9 | 807.2 | 711.6 | 636.4 |
| -10°   | 7811.2  | 5364.1 | 3641.5 | 2524.0 | 1814.9 | 1379.4 | 1106.3 | 920.1 | 793.6 | 701.0 | 628.3 |
| -12.5° | 6569.9  | 4553.6 | 3125.8 | 2211.4 | 1638.6 | 1288.2 | 1052.2 | 888.5 | 774.5 | 685.9 | 617.8 |
| -15°   | 5257.8  | 3776.4 | 2702.1 | 1974.0 | 1493.6 | 1195.3 | 991.3  | 847.4 | 749.8 | 666.9 | 604.8 |
| -17.5° | 4230.2  | 3055.5 | 2219.0 | 1689.6 | 1346.2 | 1109.9 | 938.8  | 815.1 | 724.8 | 649.2 | 592.4 |
| -20°   | 3266.1  | 2419.4 | 1873.3 | 1476.6 | 1202.0 | 1010.2 | 875.8  | 778.5 | 698.5 | 633.2 | 582.3 |



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

Scaled Data Report



REPORT NUMBER: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°    | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| -22.5° | 2453.8 | 1960.6 | 1557.4 | 1268.3 | 1078.8 | 932.5 | 821.4 | 738.7 | 669.5 | 614.7 | 570.0 |
| -25°   | 1901.6 | 1575.9 | 1313.2 | 1122.6 | 969.1  | 851.5 | 769.2 | 700.6 | 643.8 | 597.0 | 555.9 |
| -27.5° | 1498.8 | 1284.2 | 1132.8 | 986.7  | 873.9  | 791.1 | 721.2 | 662.1 | 615.6 | 576.8 | 542.6 |
| -30°   | 1214.6 | 1089.8 | 977.8  | 878.5  | 801.3  | 732.9 | 675.0 | 630.0 | 590.5 | 555.8 | 526.1 |
| -32.5° | 1016.3 | 940.2  | 858.8  | 796.3  | 735.0  | 682.1 | 637.8 | 598.8 | 565.5 | 536.7 | 511.3 |
| -35°   | 881.6  | 827.8  | 774.1  | 725.5  | 679.0  | 638.7 | 601.6 | 570.9 | 543.2 | 517.8 | 496.6 |
| -37.5° | 781.7  | 742.3  | 704.9  | 665.9  | 631.5  | 598.8 | 570.9 | 545.4 | 521.1 | 501.4 | 481.2 |
| -40°   | 703.8  | 673.7  | 646.3  | 616.2  | 590.5  | 565.5 | 543.2 | 521.1 | 502.4 | 484.4 | 465.2 |
| -42.5° | 640.4  | 618.0  | 597.3  | 576.8  | 555.8  | 536.7 | 517.3 | 499.6 | 482.8 | 466.2 | 448.8 |
| -45°   | 588.6  | 573.8  | 557.9  | 542.9  | 526.1  | 510.2 | 493.1 | 477.9 | 463.0 | 447.4 | 431.3 |
| -47.5° | 547.9  | 537.0  | 524.8  | 513.7  | 500.7  | 486.1 | 471.2 | 456.7 | 442.8 | 428.4 | 415.3 |
| -50°   | 513.8  | 506.3  | 497.8  | 488.6  | 476.8  | 463.5 | 449.6 | 435.1 | 422.4 | 410.1 | 397.2 |
| -52.5° | 486.2  | 480.2  | 472.7  | 463.7  | 452.9  | 440.6 | 427.6 | 414.2 | 401.8 | 389.8 | 376.1 |
| -55°   | 462.3  | 456.3  | 448.4  | 439.3  | 429.1  | 418.6 | 406.7 | 393.2 | 380.0 | 368.3 | 353.0 |
| -57.5° | 437.7  | 432.0  | 423.3  | 415.1  | 407.7  | 396.3 | 383.4 | 370.8 | 358.3 | 345.6 | 329.1 |
| -60°   | 406.5  | 401.6  | 394.3  | 386.8  | 379.1  | 369.5 | 356.8 | 345.6 | 336.0 | 317.6 | 298.3 |
| -62.5° | 370.3  | 366.3  | 359.9  | 352.2  | 344.2  | 335.6 | 325.7 | 313.4 | 299.1 | 282.9 | 266.8 |
| -65°   | 329.7  | 323.8  | 318.2  | 312.9  | 306.8  | 300.0 | 289.3 | 276.9 | 263.6 | 249.7 | 235.1 |
| -67.5° | 288.8  | 283.6  | 279.2  | 274.8  | 269.3  | 262.1 | 251.9 | 240.6 | 228.3 | 214.4 | 201.4 |
| -70°   | 250.7  | 246.8  | 242.5  | 237.4  | 231.3  | 224.3 | 215.3 | 204.4 | 192.0 | 179.9 | 170.8 |
| -72.5° | 214.3  | 211.0  | 206.9  | 201.7  | 195.7  | 188.4 | 179.3 | 169.7 | 160.4 | 151.6 | 143.2 |
| -75°   | 177.9  | 175.2  | 171.5  | 165.3  | 158.2  | 150.1 | 142.7 | 136.6 | 130.1 | 123.4 | 116.3 |
| -77.5° | 140.1  | 137.8  | 134.5  | 128.7  | 122.8  | 116.8 | 111.1 | 106.2 | 101.5 | 96.5  | 91.3  |
| -80°   | 101.2  | 99.6   | 97.4   | 93.8   | 90.1   | 86.4  | 82.7  | 79.1  | 75.3  | 71.4  | 67.2  |
| -82.5° | 67.8   | 66.4   | 64.8   | 63.0   | 61.1   | 59.0  | 56.8  | 53.8  | 50.4  | 46.8  | 43.0  |
| -85°   | 40.0   | 39.2   | 38.3   | 37.3   | 36.2   | 35.0  | 33.7  | 31.8  | 29.8  | 28.0  | 26.2  |
| -87.5° | 16.3   | 16.0   | 15.7   | 15.3   | 15.0   | 14.6  | 14.2  | 13.7  | 13.3  | 12.8  | 12.2  |
| -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: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-727-U-NR-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°  | 11.7  | 11.1  | 10.5  | 9.9   | 9.3   | 8.6   | 8.0   | 7.3   | 6.6   | 5.9   | 5.2   |
| 85°    | 25.2  | 24.0  | 22.7  | 21.1  | 19.2  | 17.3  | 16.0  | 14.6  | 13.2  | 11.8  | 10.4  |
| 82.5°  | 40.8  | 39.3  | 37.7  | 35.8  | 33.0  | 30.1  | 27.2  | 24.1  | 21.0  | 17.9  | 15.6  |
| 80°    | 63.2  | 59.3  | 55.5  | 51.8  | 47.4  | 42.9  | 39.0  | 34.9  | 30.8  | 26.6  | 22.4  |
| 77.5°  | 85.8  | 80.2  | 74.3  | 68.8  | 63.4  | 57.7  | 52.0  | 46.1  | 40.5  | 35.3  | 30.0  |
| 75°    | 108.9 | 102.0 | 94.9  | 87.6  | 80.1  | 72.5  | 65.6  | 58.6  | 51.4  | 44.0  | 37.6  |
| 72.5°  | 134.6 | 125.6 | 116.3 | 106.9 | 98.1  | 89.1  | 79.9  | 70.9  | 62.5  | 54.0  | 45.4  |
| 70°    | 161.3 | 150.3 | 139.2 | 128.6 | 117.4 | 105.7 | 95.2  | 84.5  | 73.6  | 63.8  | 54.0  |
| 67.5°  | 189.3 | 178.0 | 165.0 | 150.9 | 138.3 | 125.1 | 110.9 | 98.2  | 86.0  | 73.6  | 62.5  |
| 65°    | 220.1 | 205.9 | 192.4 | 176.1 | 160.2 | 144.8 | 129.4 | 112.7 | 98.2  | 84.5  | 70.9  |
| 62.5°  | 250.1 | 233.1 | 216.8 | 200.1 | 182.7 | 165.0 | 147.6 | 128.9 | 110.7 | 95.2  | 79.9  |
| 60°    | 279.8 | 260.9 | 240.8 | 221.8 | 203.6 | 185.0 | 165.2 | 144.7 | 124.7 | 105.7 | 89.1  |
| 57.5°  | 308.1 | 288.3 | 265.4 | 243.2 | 222.8 | 203.3 | 182.2 | 159.9 | 138.2 | 117.2 | 98.1  |
| 55°    | 334.4 | 312.3 | 288.6 | 264.4 | 241.5 | 220.1 | 198.1 | 174.5 | 151.2 | 128.6 | 106.6 |
| 52.5°  | 358.6 | 335.5 | 310.2 | 284.6 | 259.5 | 236.3 | 213.1 | 188.6 | 163.7 | 139.6 | 115.9 |
| 50°    | 381.2 | 358.5 | 331.6 | 304.1 | 276.6 | 252.1 | 227.8 | 202.1 | 175.6 | 150.1 | 125.0 |
| 47.5°  | 400.6 | 379.2 | 353.2 | 323.5 | 294.1 | 267.7 | 242.2 | 215.3 | 186.9 | 160.1 | 133.8 |
| 45°    | 416.6 | 398.4 | 373.4 | 343.4 | 312.0 | 284.0 | 256.4 | 228.2 | 198.5 | 169.7 | 142.2 |
| 42.5°  | 431.4 | 414.4 | 391.9 | 363.0 | 330.3 | 299.9 | 270.2 | 240.7 | 209.8 | 178.9 | 150.2 |
| 40°    | 446.5 | 428.5 | 409.0 | 379.9 | 347.5 | 315.3 | 284.1 | 252.9 | 220.7 | 187.9 | 157.9 |
| 37.5°  | 460.6 | 441.9 | 422.2 | 395.7 | 362.9 | 329.7 | 297.5 | 264.8 | 230.9 | 196.9 | 165.1 |
| 35°    | 474.9 | 454.0 | 433.5 | 408.1 | 376.4 | 342.9 | 310.2 | 276.2 | 240.5 | 205.3 | 172.0 |
| 32.5°  | 488.6 | 465.2 | 443.1 | 418.2 | 388.6 | 354.7 | 321.5 | 286.0 | 249.5 | 213.1 | 178.4 |
| 30°    | 501.1 | 475.6 | 452.3 | 428.0 | 399.1 | 365.0 | 331.1 | 295.0 | 257.8 | 220.1 | 184.4 |
| 27.5°  | 511.1 | 484.3 | 461.1 | 436.3 | 407.5 | 374.3 | 339.5 | 303.1 | 265.5 | 226.7 | 190.2 |
| 25°    | 521.0 | 492.3 | 468.1 | 444.0 | 415.3 | 383.7 | 347.3 | 310.3 | 272.2 | 232.9 | 195.3 |
| 22.5°  | 532.0 | 499.7 | 473.5 | 451.3 | 423.3 | 392.8 | 354.7 | 316.5 | 278.1 | 238.4 | 199.9 |
| 20°    | 541.8 | 506.2 | 477.6 | 457.0 | 429.7 | 399.5 | 361.8 | 322.1 | 283.1 | 243.4 | 203.9 |
| 17.5°  | 550.4 | 513.1 | 483.0 | 460.3 | 434.7 | 405.3 | 368.4 | 327.1 | 287.3 | 247.6 | 207.4 |
| 15°    | 559.4 | 520.3 | 487.8 | 463.0 | 438.7 | 410.1 | 374.3 | 331.4 | 290.8 | 251.3 | 210.4 |
| 12.5°  | 567.3 | 526.2 | 491.7 | 465.2 | 441.8 | 414.0 | 379.6 | 334.9 | 293.4 | 254.3 | 213.2 |
| 10°    | 573.9 | 530.8 | 494.6 | 466.6 | 443.9 | 417.0 | 384.0 | 338.4 | 296.3 | 256.7 | 215.6 |
| 7.5°   | 579.1 | 533.9 | 496.5 | 467.4 | 445.4 | 419.4 | 387.9 | 342.3 | 298.7 | 258.3 | 217.5 |
| 5°     | 582.9 | 536.4 | 499.4 | 470.1 | 447.2 | 421.3 | 390.5 | 345.6 | 300.5 | 259.1 | 218.9 |
| 2.5°   | 585.8 | 538.5 | 502.5 | 472.6 | 448.2 | 422.4 | 392.1 | 347.9 | 301.6 | 259.3 | 219.7 |
| 0°     | 586.7 | 539.2 | 504.7 | 474.5 | 448.6 | 422.8 | 392.6 | 349.4 | 302.0 | 258.8 | 220.0 |
| -2.5°  | 585.8 | 538.5 | 502.5 | 472.6 | 448.2 | 422.4 | 392.1 | 347.9 | 301.6 | 259.3 | 219.7 |
| -5°    | 582.9 | 536.4 | 499.4 | 470.1 | 447.2 | 421.3 | 390.5 | 345.6 | 300.5 | 259.1 | 218.9 |
| -7.5°  | 579.1 | 533.9 | 496.5 | 467.4 | 445.4 | 419.4 | 387.9 | 342.3 | 298.7 | 258.3 | 217.5 |
| -10°   | 573.9 | 530.8 | 494.6 | 466.6 | 443.9 | 417.0 | 384.0 | 338.4 | 296.3 | 256.7 | 215.6 |
| -12.5° | 567.3 | 526.2 | 491.7 | 465.2 | 441.8 | 414.0 | 379.6 | 334.9 | 293.4 | 254.3 | 213.2 |
| -15°   | 559.4 | 520.3 | 487.8 | 463.0 | 438.7 | 410.1 | 374.3 | 331.4 | 290.8 | 251.3 | 210.4 |
| -17.5° | 550.4 | 513.1 | 483.0 | 460.3 | 434.7 | 405.3 | 368.4 | 327.1 | 287.3 | 247.6 | 207.4 |
| -20°   | 541.8 | 506.2 | 477.6 | 457.0 | 429.7 | 399.5 | 361.8 | 322.1 | 283.1 | 243.4 | 203.9 |

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 532.0 | 499.7 | 473.5 | 451.3 | 423.3 | 392.8 | 354.7 | 316.5 | 278.1 | 238.4 | 199.9 |
| -25°   | 521.0 | 492.3 | 468.1 | 444.0 | 415.3 | 383.7 | 347.3 | 310.3 | 272.2 | 232.9 | 195.3 |
| -27.5° | 511.1 | 484.3 | 461.1 | 436.3 | 407.5 | 374.3 | 339.5 | 303.1 | 265.5 | 226.7 | 190.2 |
| -30°   | 501.1 | 475.6 | 452.3 | 428.0 | 399.1 | 365.0 | 331.1 | 295.0 | 257.8 | 220.1 | 184.4 |
| -32.5° | 488.6 | 465.2 | 443.1 | 418.2 | 388.6 | 354.7 | 321.5 | 286.0 | 249.5 | 213.1 | 178.4 |
| -35°   | 474.9 | 454.0 | 433.5 | 408.1 | 376.4 | 342.9 | 310.2 | 276.2 | 240.5 | 205.3 | 172.0 |
| -37.5° | 460.6 | 441.9 | 422.2 | 395.7 | 362.9 | 329.7 | 297.5 | 264.8 | 230.9 | 196.9 | 165.1 |
| -40°   | 446.5 | 428.5 | 409.0 | 379.9 | 347.5 | 315.3 | 284.1 | 252.9 | 220.7 | 187.9 | 157.9 |
| -42.5° | 431.4 | 414.4 | 391.9 | 363.0 | 330.3 | 299.9 | 270.2 | 240.7 | 209.8 | 178.9 | 150.2 |
| -45°   | 416.6 | 398.4 | 373.4 | 343.4 | 312.0 | 284.0 | 256.4 | 228.2 | 198.5 | 169.7 | 142.2 |
| -47.5° | 400.6 | 379.2 | 353.2 | 323.5 | 294.1 | 267.7 | 242.2 | 215.3 | 186.9 | 160.1 | 133.8 |
| -50°   | 381.2 | 358.5 | 331.6 | 304.1 | 276.6 | 252.1 | 227.8 | 202.1 | 175.6 | 150.1 | 125.0 |
| -52.5° | 358.6 | 335.5 | 310.2 | 284.6 | 259.5 | 236.3 | 213.1 | 188.6 | 163.7 | 139.6 | 115.9 |
| -55°   | 334.4 | 312.3 | 288.6 | 264.4 | 241.5 | 220.1 | 198.1 | 174.5 | 151.2 | 128.6 | 106.6 |
| -57.5° | 308.1 | 288.3 | 265.4 | 243.2 | 222.8 | 203.3 | 182.2 | 159.9 | 138.2 | 117.2 | 98.1  |
| -60°   | 279.8 | 260.9 | 240.8 | 221.8 | 203.6 | 185.0 | 165.2 | 144.7 | 124.7 | 105.7 | 89.1  |
| -62.5° | 250.1 | 233.1 | 216.8 | 200.1 | 182.7 | 165.0 | 147.6 | 128.9 | 110.7 | 95.2  | 79.9  |
| -65°   | 220.1 | 205.9 | 192.4 | 176.1 | 160.2 | 144.8 | 129.4 | 112.7 | 98.2  | 84.5  | 70.9  |
| -67.5° | 189.3 | 178.0 | 165.0 | 150.9 | 138.3 | 125.1 | 110.9 | 98.2  | 86.0  | 73.6  | 62.5  |
| -70°   | 161.3 | 150.3 | 139.2 | 128.6 | 117.4 | 105.7 | 95.2  | 84.5  | 73.6  | 63.8  | 54.0  |
| -72.5° | 134.6 | 125.6 | 116.3 | 106.9 | 98.1  | 89.1  | 79.9  | 70.9  | 62.5  | 54.0  | 45.4  |
| -75°   | 108.9 | 102.0 | 94.9  | 87.6  | 80.1  | 72.5  | 65.6  | 58.6  | 51.4  | 44.0  | 37.6  |
| -77.5° | 85.8  | 80.2  | 74.3  | 68.8  | 63.4  | 57.7  | 52.0  | 46.1  | 40.5  | 35.3  | 30.0  |
| -80°   | 63.2  | 59.3  | 55.5  | 51.8  | 47.4  | 42.9  | 39.0  | 34.9  | 30.8  | 26.6  | 22.4  |
| -82.5° | 40.8  | 39.3  | 37.7  | 35.8  | 33.0  | 30.1  | 27.2  | 24.1  | 21.0  | 17.9  | 15.6  |
| -85°   | 25.2  | 24.0  | 22.7  | 21.1  | 19.2  | 17.3  | 16.0  | 14.6  | 13.2  | 11.8  | 10.4  |
| -87.5° | 11.7  | 11.1  | 10.5  | 9.9   | 9.3   | 8.6   | 8.0   | 7.3   | 6.6   | 5.9   | 5.2   |
| -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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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-NR-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°  | 4.5   | 3.7   | 3.0   | 2.3   | 1.5  | 0.7   | 0.0 |
| 85°    | 8.9   | 7.5   | 6.0   | 4.5   | 3.0  | 1.3   | 0.0 |
| 82.5°  | 13.4  | 11.2  | 9.0   | 6.8   | 4.5  | 2.0   | 0.0 |
| 80°    | 18.1  | 14.9  | 12.0  | 9.0   | 6.0  | 2.6   | 0.0 |
| 77.5°  | 24.6  | 19.1  | 14.9  | 11.2  | 7.4  | 3.3   | 0.0 |
| 75°    | 31.0  | 24.3  | 18.0  | 13.4  | 8.9  | 3.9   | 0.0 |
| 72.5°  | 37.3  | 29.4  | 21.9  | 15.6  | 10.3 | 4.5   | 0.0 |
| 70°    | 43.7  | 34.3  | 25.8  | 17.8  | 11.6 | 5.1   | 0.0 |
| 67.5°  | 50.9  | 39.2  | 29.5  | 20.5  | 13.0 | 5.7   | 0.0 |
| 65°    | 58.0  | 44.5  | 33.2  | 23.2  | 14.3 | 6.3   | 0.0 |
| 62.5°  | 64.9  | 50.3  | 36.8  | 25.8  | 15.5 | 6.9   | 0.0 |
| 60°    | 71.7  | 56.0  | 40.2  | 28.3  | 16.7 | 7.4   | 0.0 |
| 57.5°  | 79.1  | 61.5  | 44.6  | 30.7  | 18.2 | 7.9   | 0.0 |
| 55°    | 86.5  | 66.8  | 48.8  | 33.1  | 19.8 | 8.4   | 0.0 |
| 52.5°  | 93.6  | 72.1  | 53.0  | 35.3  | 21.2 | 8.9   | 0.0 |
| 50°    | 100.5 | 77.9  | 57.0  | 37.5  | 22.7 | 9.4   | 0.0 |
| 47.5°  | 107.2 | 83.4  | 60.8  | 39.7  | 24.1 | 9.8   | 0.0 |
| 45°    | 114.4 | 88.7  | 64.5  | 42.5  | 25.4 | 10.2  | 0.0 |
| 42.5°  | 121.3 | 93.7  | 68.0  | 45.1  | 26.7 | 10.6  | 0.0 |
| 40°    | 127.9 | 98.5  | 71.6  | 47.7  | 28.0 | 11.0  | 0.0 |
| 37.5°  | 134.1 | 103.1 | 75.3  | 50.2  | 29.2 | 11.3  | 0.0 |
| 35°    | 140.0 | 107.8 | 78.7  | 52.5  | 30.3 | 11.6  | 0.0 |
| 32.5°  | 145.5 | 112.3 | 81.9  | 54.7  | 31.4 | 11.9  | 0.0 |
| 30°    | 150.6 | 116.6 | 84.9  | 56.8  | 32.4 | 12.1  | 0.0 |
| 27.5°  | 155.3 | 120.5 | 87.8  | 58.7  | 33.4 | 12.3  | 0.0 |
| 25°    | 159.6 | 124.1 | 90.5  | 60.5  | 34.3 | 12.5  | 0.0 |
| 22.5°  | 163.5 | 127.3 | 92.9  | 62.1  | 35.1 | 12.7  | 0.0 |
| 20°    | 167.0 | 130.1 | 95.1  | 63.5  | 35.9 | 12.8  | 0.0 |
| 17.5°  | 169.8 | 132.5 | 97.1  | 64.8  | 36.5 | 12.9  | 0.0 |
| 15°    | 172.2 | 134.4 | 98.8  | 65.9  | 37.1 | 13.0  | 0.0 |
| 12.5°  | 174.1 | 136.0 | 100.2 | 66.8  | 37.6 | 13.1  | 0.0 |
| 10°    | 175.6 | 137.1 | 101.4 | 67.6  | 38.0 | 13.1  | 0.0 |
| 7.5°   | 176.6 | 137.9 | 102.3 | 68.2  | 38.4 | 13.1  | 0.0 |
| 5°     | 177.1 | 138.3 | 103.0 | 68.7  | 38.6 | 13.0  | 0.0 |
| 2.5°   | 177.2 | 138.3 | 103.4 | 68.9  | 38.8 | 13.0  | 0.0 |
| 0°     | 176.9 | 138.0 | 103.5 | 69.0  | 38.8 | 12.9  | 0.0 |
| -2.5°  | 177.2 | 138.3 | 103.4 | 68.9  | 38.8 | 13.0  | 0.0 |
| -5°    | 177.1 | 138.3 | 103.0 | 68.7  | 38.6 | 13.0  | 0.0 |
| -7.5°  | 176.6 | 137.9 | 102.3 | 68.2  | 38.4 | 13.1  | 0.0 |
| -10°   | 175.6 | 137.1 | 101.4 | 67.6  | 38.0 | 13.1  | 0.0 |
| -12.5° | 174.1 | 136.0 | 100.2 | 66.8  | 37.6 | 13.1  | 0.0 |
| -15°   | 172.2 | 134.4 | 98.8  | 65.9  | 37.1 | 13.0  | 0.0 |
| -17.5° | 169.8 | 132.5 | 97.1  | 64.8  | 36.5 | 12.9  | 0.0 |
| -20°   | 167.0 | 130.1 | 95.1  | 63.5  | 35.9 | 12.8  | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627559 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75°   | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 163.5 | 127.3 | 92.9 | 62.1  | 35.1 | 12.7  | 0.0 |
| -25°   | 159.6 | 124.1 | 90.5 | 60.5  | 34.3 | 12.5  | 0.0 |
| -27.5° | 155.3 | 120.5 | 87.8 | 58.7  | 33.4 | 12.3  | 0.0 |
| -30°   | 150.6 | 116.6 | 84.9 | 56.8  | 32.4 | 12.1  | 0.0 |
| -32.5° | 145.5 | 112.3 | 81.9 | 54.7  | 31.4 | 11.9  | 0.0 |
| -35°   | 140.0 | 107.8 | 78.7 | 52.5  | 30.3 | 11.6  | 0.0 |
| -37.5° | 134.1 | 103.1 | 75.3 | 50.2  | 29.2 | 11.3  | 0.0 |
| -40°   | 127.9 | 98.5  | 71.6 | 47.7  | 28.0 | 11.0  | 0.0 |
| -42.5° | 121.3 | 93.7  | 68.0 | 45.1  | 26.7 | 10.6  | 0.0 |
| -45°   | 114.4 | 88.7  | 64.5 | 42.5  | 25.4 | 10.2  | 0.0 |
| -47.5° | 107.2 | 83.4  | 60.8 | 39.7  | 24.1 | 9.8   | 0.0 |
| -50°   | 100.5 | 77.9  | 57.0 | 37.5  | 22.7 | 9.4   | 0.0 |
| -52.5° | 93.6  | 72.1  | 53.0 | 35.3  | 21.2 | 8.9   | 0.0 |
| -55°   | 86.5  | 66.8  | 48.8 | 33.1  | 19.8 | 8.4   | 0.0 |
| -57.5° | 79.1  | 61.5  | 44.6 | 30.7  | 18.2 | 7.9   | 0.0 |
| -60°   | 71.7  | 56.0  | 40.2 | 28.3  | 16.7 | 7.4   | 0.0 |
| -62.5° | 64.9  | 50.3  | 36.8 | 25.8  | 15.5 | 6.9   | 0.0 |
| -65°   | 58.0  | 44.5  | 33.2 | 23.2  | 14.3 | 6.3   | 0.0 |
| -67.5° | 50.9  | 39.2  | 29.5 | 20.5  | 13.0 | 5.7   | 0.0 |
| -70°   | 43.7  | 34.3  | 25.8 | 17.8  | 11.6 | 5.1   | 0.0 |
| -72.5° | 37.3  | 29.4  | 21.9 | 15.6  | 10.3 | 4.5   | 0.0 |
| -75°   | 31.0  | 24.3  | 18.0 | 13.4  | 8.9  | 3.9   | 0.0 |
| -77.5° | 24.6  | 19.1  | 14.9 | 11.2  | 7.4  | 3.3   | 0.0 |
| -80°   | 18.1  | 14.9  | 12.0 | 9.0   | 6.0  | 2.6   | 0.0 |
| -82.5° | 13.4  | 11.2  | 9.0  | 6.8   | 4.5  | 2.0   | 0.0 |
| -85°   | 8.9   | 7.5   | 6.0  | 4.5   | 3.0  | 1.3   | 0.0 |
| -87.5° | 4.5   | 3.7   | 3.0  | 2.3   | 1.5  | 0.7   | 0.0 |
| -90°   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |

(END OF REPORT)