

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: P626656 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626656 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1C-727-U-MWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4517.6 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 6329.1 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 3025.9 lumens  
Beam Efficiency: 67.0%

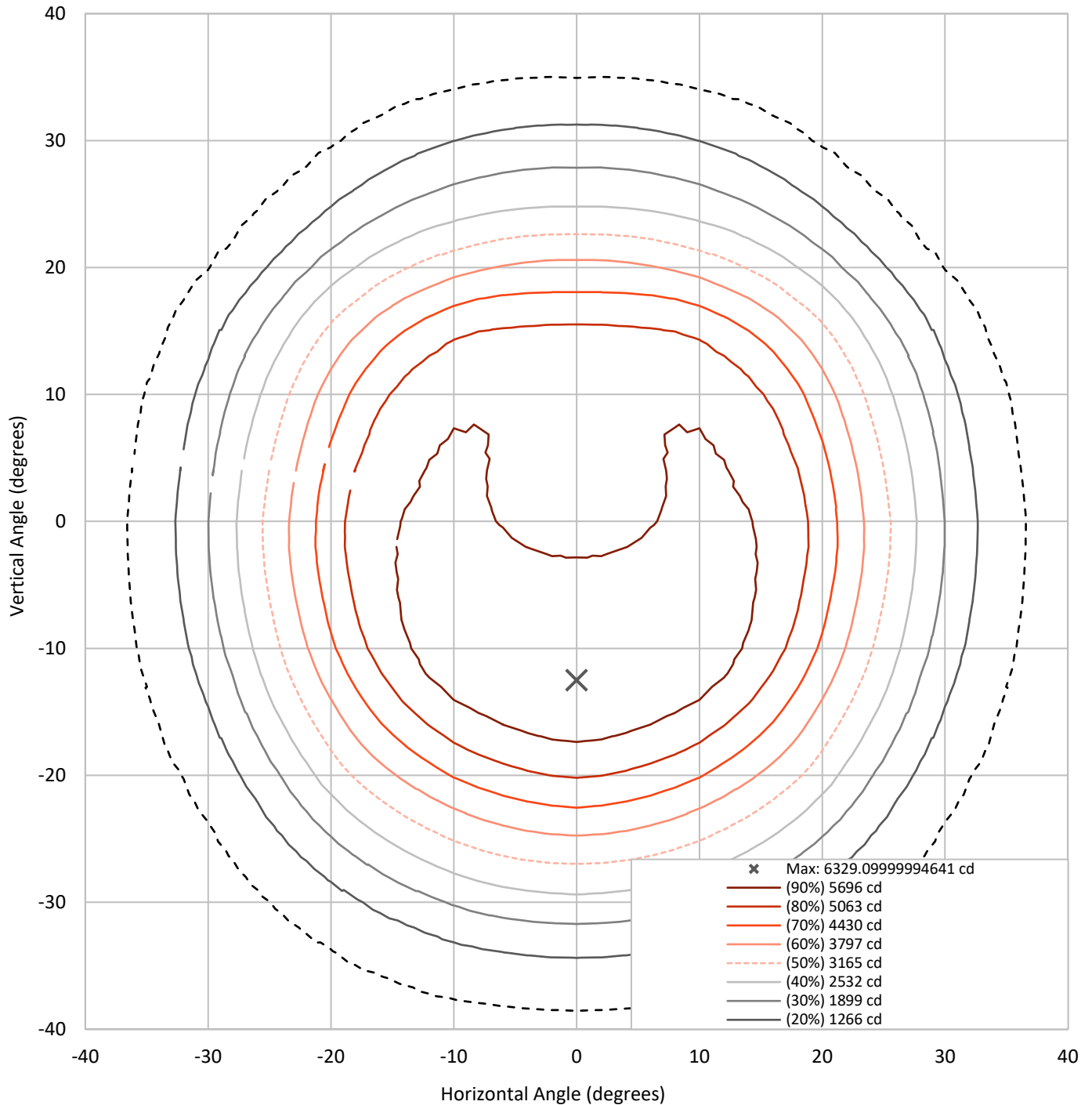
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 4071.9 lumens  
Field Efficiency: 90.1%

Input Watts (W): 43.5  
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





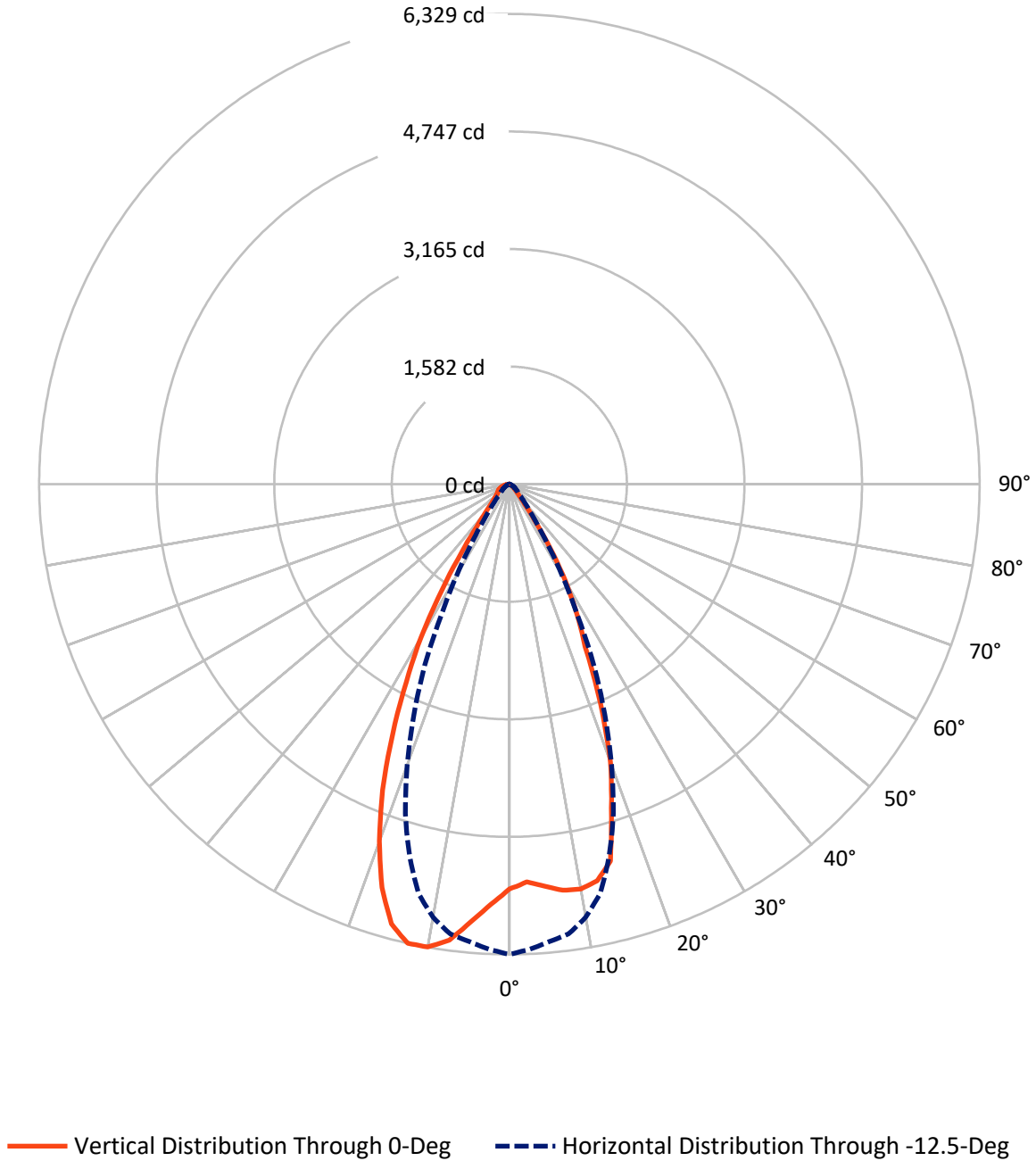
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### Lumen Table

|     |     |     |     |     |      |      |       |       |       |       |      |      |     |     |     |     |    |    |    |
|-----|-----|-----|-----|-----|------|------|-------|-------|-------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90  |     |     |     |     |      |      |       |       |       |       |      |      |     |     |     |     |    |    |    |
| 80  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |     |    |    |    |
| 70  |     |     |     |     |      |      |       |       |       |       |      |      |     |     |     |     |    |    |    |
| 60  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |     |    |    |    |
| 50  |     | 0.0 | 0.0 | 0.1 | 0.4  | 0.6  | 0.9   | 1.0   | 1.0   | 0.9   | 0.6  | 0.4  | 0.1 | 0.0 |     | 0.0 |    |    |    |
| 40  | 0.0 | 0.0 | 0.2 | 0.6 | 1.3  | 2.1  | 3.1   | 3.8   | 3.8   | 3.1   | 2.1  | 1.3  | 0.6 | 0.2 | 0.0 | 0.0 |    |    |    |
| 30  |     | 0.1 | 0.5 | 1.3 | 2.7  | 5.9  | 13.3  | 20.4  | 20.4  | 13.3  | 5.9  | 2.7  | 1.3 | 0.5 | 0.1 |     |    |    |    |
| 20  | 0.0 | 0.2 | 0.8 | 2.1 | 5.7  | 21.0 | 54.1  | 75.6  | 75.6  | 54.1  | 21.0 | 5.7  | 2.1 | 0.8 | 0.2 | 0.0 |    |    |    |
| 10  |     | 0.3 | 1.2 | 3.3 | 13.5 | 58.3 | 121.7 | 150.6 | 150.6 | 121.7 | 58.3 | 13.5 | 3.3 | 1.2 | 0.3 |     |    |    |    |
| 0   | 0.1 | 0.4 | 1.5 | 4.2 | 21.5 | 85.9 | 156.9 | 170.1 | 170.1 | 156.9 | 85.9 | 21.5 | 4.2 | 1.5 | 0.4 | 0.1 |    |    |    |
| -10 |     | 0.5 | 1.6 | 4.5 | 22.5 | 88.7 | 162.5 | 180.5 | 180.5 | 162.5 | 88.7 | 22.5 | 4.5 | 1.6 | 0.5 |     |    |    |    |
| -20 | 0.1 | 0.5 | 1.6 | 4.1 | 16.1 | 66.0 | 137.1 | 175.0 | 175.0 | 137.1 | 66.0 | 16.1 | 4.1 | 1.6 | 0.5 | 0.1 |    |    |    |
| -30 |     | 0.5 | 1.6 | 3.4 | 9.0  | 32.0 | 76.4  | 107.5 | 107.5 | 76.4  | 32.0 | 9.0  | 3.4 | 1.6 | 0.5 |     |    |    |    |
| -40 | 0.1 | 0.4 | 1.4 | 2.8 | 5.4  | 11.4 | 23.9  | 35.4  | 35.4  | 23.9  | 11.4 | 5.4  | 2.8 | 1.4 | 0.4 | 0.1 |    |    |    |
| -50 |     | 0.4 | 1.2 | 2.4 | 3.9  | 5.8  | 8.1   | 9.7   | 9.7   | 8.1   | 5.8  | 3.9  | 2.4 | 1.2 | 0.4 |     |    |    |    |
| -60 | 0.1 | 0.3 | 0.9 | 1.9 | 3.1  | 4.3  | 5.3   | 5.8   | 5.8   | 5.3   | 4.3  | 3.1  | 1.9 | 0.9 | 0.3 | 0.1 |    |    |    |
| -70 |     | 0.2 | 0.6 | 1.3 | 2.2  | 3.0  | 3.9   | 4.3   | 4.3   | 3.9   | 3.0  | 2.2  | 1.3 | 0.6 | 0.2 |     |    |    |    |
| -80 | 0.0 | 0.5 | 2.3 | 4.8 | 6.2  | 4.8  | 2.3   | 0.5   | 0.0   |       |      |      |     |     |     |     |    |    |    |
| -90 |     |     |     |     |      |      |       |       |       |       |      |      |     |     |     |     |    |    |    |
|     | -90 | -80 | -70 | -60 | -50  | -40  | -30   | -20   | -10   | 0     | 10   | 20   | 30  | 40  | 50  | 60  | 70 | 80 | 90 |

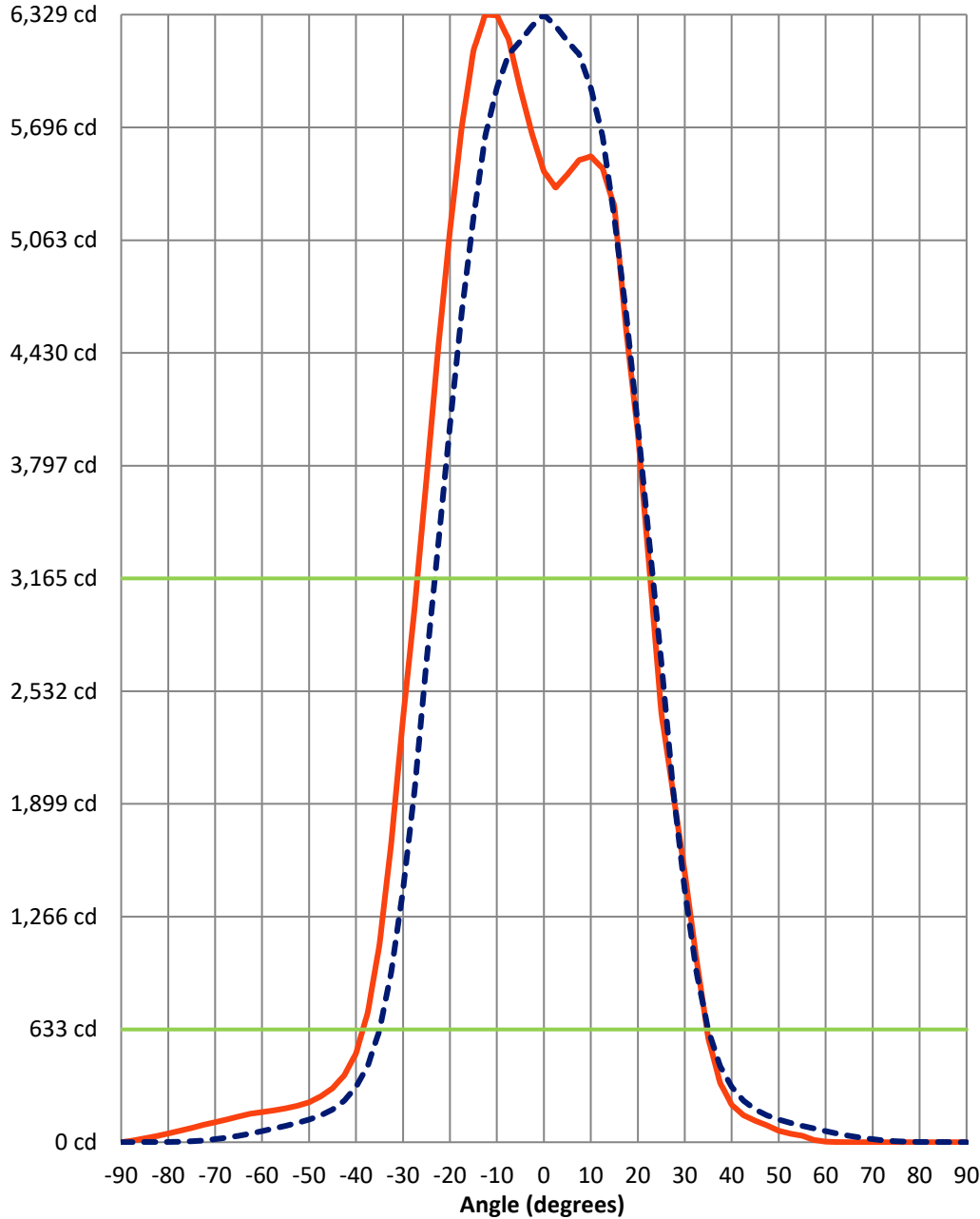
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 3025.9  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 4071.9  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 445.7  
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -12.5-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 87.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 85°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 82.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 80°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 77.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 75°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 72.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 70°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 67.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 65°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 62.5°  | 0    | 0      | 0    | 0      | 1    | 0      | 0    | 0      | 0    | 1      | 1    |
| 60°    | 0    | 0      | 0    | 0      | 1    | 0      | 0    | 0      | 1    | 1      | 1    |
| 57.5°  | 0    | 0      | 0    | 1      | 1    | 0      | 0    | 1      | 1    | 1      | 1    |
| 55°    | 0    | 0      | 0    | 1      | 1    | 0      | 1    | 1      | 1    | 1      | 1    |
| 52.5°  | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    |
| 50°    | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    |
| 47.5°  | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    |
| 45°    | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 2    |
| 42.5°  | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| 40°    | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| 37.5°  | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 1      | 2    | 2      | 3    |
| 35°    | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    | 3      | 4    |
| 32.5°  | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    | 4      | 6    |
| 30°    | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 3    | 5      | 8    |
| 27.5°  | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 3    | 6      | 10   |
| 25°    | 0    | 0      | 1    | 1      | 1    | 2      | 2    | 2      | 4    | 7      | 12   |
| 22.5°  | 0    | 0      | 1    | 1      | 1    | 2      | 2    | 3      | 5    | 9      | 14   |
| 20°    | 0    | 0      | 1    | 1      | 1    | 2      | 2    | 3      | 6    | 10     | 16   |
| 17.5°  | 0    | 0      | 1    | 1      | 1    | 2      | 2    | 3      | 7    | 11     | 19   |
| 15°    | 0    | 0      | 1    | 1      | 1    | 2      | 2    | 4      | 8    | 12     | 21   |
| 12.5°  | 0    | 0      | 1    | 1      | 1    | 2      | 2    | 5      | 9    | 13     | 23   |
| 10°    | 0    | 0      | 1    | 1      | 1    | 2      | 3    | 5      | 9    | 15     | 25   |
| 7.5°   | 0    | 0      | 1    | 1      | 1    | 2      | 3    | 6      | 10   | 17     | 27   |
| 5°     | 0    | 0      | 1    | 1      | 1    | 2      | 3    | 7      | 11   | 18     | 28   |
| 2.5°   | 0    | 0      | 1    | 1      | 1    | 2      | 3    | 8      | 11   | 20     | 29   |
| 0°     | 0    | 0      | 1    | 1      | 1    | 2      | 3    | 8      | 11   | 22     | 30   |
| -2.5°  | 0    | 0      | 1    | 1      | 1    | 2      | 4    | 9      | 13   | 23     | 32   |
| -5°    | 0    | 0      | 1    | 1      | 1    | 2      | 4    | 9      | 14   | 24     | 33   |
| -7.5°  | 0    | 0      | 1    | 1      | 1    | 2      | 5    | 9      | 15   | 24     | 34   |
| -10°   | 0    | 0      | 1    | 1      | 1    | 2      | 5    | 9      | 16   | 25     | 35   |
| -12.5° | 0    | 0      | 1    | 1      | 1    | 3      | 5    | 9      | 17   | 25     | 36   |
| -15°   | 0    | 0      | 1    | 1      | 1    | 3      | 6    | 9      | 17   | 26     | 36   |
| -17.5° | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 10     | 17   | 26     | 36   |
| -20°   | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 10     | 17   | 26     | 36   |

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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      | 1    | 1      | 2    | 3      | 6    | 10     | 17   | 25     | 35   |
| -25°   | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 11     | 16   | 25     | 34   |
| -27.5° | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 11     | 16   | 24     | 33   |
| -30°   | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 10     | 16   | 23     | 32   |
| -32.5° | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 10     | 16   | 23     | 30   |
| -35°   | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 10     | 15   | 22     | 29   |
| -37.5° | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 10     | 15   | 21     | 28   |
| -40°   | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 9      | 14   | 20     | 28   |
| -42.5° | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 9      | 13   | 19     | 27   |
| -45°   | 0    | 0      | 1    | 1      | 2    | 3      | 6    | 8      | 12   | 18     | 26   |
| -47.5° | 0    | 0      | 1    | 1      | 2    | 3      | 5    | 8      | 12   | 17     | 24   |
| -50°   | 0    | 0      | 1    | 1      | 2    | 3      | 5    | 8      | 11   | 16     | 22   |
| -52.5° | 0    | 0      | 1    | 1      | 2    | 3      | 5    | 7      | 11   | 15     | 20   |
| -55°   | 0    | 0      | 1    | 1      | 2    | 3      | 5    | 7      | 10   | 14     | 19   |
| -57.5° | 0    | 0      | 1    | 1      | 2    | 3      | 5    | 7      | 10   | 13     | 18   |
| -60°   | 0    | 0      | 1    | 1      | 2    | 3      | 4    | 6      | 9    | 12     | 16   |
| -62.5° | 0    | 0      | 1    | 1      | 2    | 3      | 4    | 6      | 8    | 11     | 15   |
| -65°   | 0    | 0      | 1    | 1      | 2    | 2      | 4    | 5      | 8    | 10     | 14   |
| -67.5° | 0    | 0      | 1    | 1      | 2    | 2      | 3    | 5      | 7    | 9      | 12   |
| -70°   | 0    | 0      | 1    | 1      | 2    | 2      | 3    | 4      | 6    | 8      | 10   |
| -72.5° | 0    | 0      | 1    | 1      | 2    | 2      | 3    | 4      | 5    | 7      | 9    |
| -75°   | 0    | 0      | 0    | 1      | 2    | 2      | 3    | 3      | 4    | 5      | 7    |
| -77.5° | 0    | 0      | 0    | 1      | 1    | 2      | 2    | 3      | 4    | 4      | 5    |
| -80°   | 0    | 0      | 0    | 1      | 1    | 2      | 2    | 3      | 3    | 4      | 4    |
| -82.5° | 0    | 0      | 0    | 0      | 1    | 1      | 2    | 2      | 3    | 3      | 4    |
| -85°   | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 3    |
| -87.5° | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| -90°   | 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      |
| 87.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 85°    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 82.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 80°    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 77.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 75°    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 72.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 70°    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 67.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 65°    | 0      | 1    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 62.5°  | 1      | 1    | 1      | 0    | 1      | 1    | 1      | 0    | 0      | 0    | 0      |
| 60°    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 2      |
| 57.5°  | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 4      | 6    | 7      |
| 55°    | 1      | 1    | 1      | 1    | 2      | 2    | 3      | 6    | 9      | 11   | 12     |
| 52.5°  | 1      | 1    | 2      | 2    | 2      | 4    | 7      | 11   | 13     | 15   | 18     |
| 50°    | 1      | 2    | 2      | 3    | 5      | 8    | 12     | 16   | 19     | 23   | 27     |
| 47.5°  | 2      | 2    | 3      | 5    | 8      | 13   | 18     | 23   | 27     | 31   | 37     |
| 45°    | 2      | 3    | 4      | 8    | 13     | 19   | 25     | 30   | 34     | 40   | 45     |
| 42.5°  | 3      | 5    | 8      | 11   | 18     | 25   | 32     | 36   | 41     | 47   | 54     |
| 40°    | 4      | 7    | 11     | 17   | 24     | 32   | 38     | 43   | 48     | 56   | 64     |
| 37.5°  | 6      | 10   | 14     | 22   | 31     | 39   | 45     | 50   | 58     | 67   | 77     |
| 35°    | 9      | 13   | 19     | 28   | 38     | 45   | 51     | 58   | 69     | 80   | 91     |
| 32.5°  | 11     | 15   | 24     | 34   | 43     | 51   | 58     | 69   | 79     | 91   | 107    |
| 30°    | 13     | 19   | 29     | 39   | 48     | 56   | 66     | 78   | 89     | 103  | 122    |
| 27.5°  | 16     | 23   | 33     | 44   | 52     | 61   | 74     | 86   | 98     | 115  | 137    |
| 25°    | 18     | 28   | 38     | 48   | 57     | 68   | 82     | 95   | 107    | 129  | 159    |
| 22.5°  | 22     | 32   | 42     | 52   | 61     | 75   | 91     | 106  | 122    | 144  | 181    |
| 20°    | 25     | 35   | 46     | 56   | 65     | 82   | 99     | 118  | 140    | 170  | 219    |
| 17.5°  | 28     | 39   | 50     | 61   | 72     | 89   | 109    | 131  | 159    | 196  | 267    |
| 15°    | 31     | 42   | 54     | 65   | 79     | 96   | 118    | 145  | 179    | 225  | 314    |
| 12.5°  | 34     | 45   | 57     | 70   | 85     | 103  | 126    | 156  | 196    | 262  | 373    |
| 10°    | 36     | 47   | 61     | 74   | 90     | 109  | 133    | 165  | 209    | 288  | 418    |
| 7.5°   | 38     | 50   | 64     | 78   | 94     | 114  | 140    | 172  | 221    | 309  | 453    |
| 5°     | 40     | 53   | 66     | 82   | 97     | 119  | 145    | 178  | 232    | 324  | 480    |
| 2.5°   | 41     | 56   | 69     | 84   | 100    | 122  | 149    | 183  | 241    | 337  | 502    |
| 0°     | 42     | 58   | 71     | 86   | 102    | 124  | 151    | 187  | 249    | 346  | 520    |
| -2.5°  | 44     | 59   | 73     | 88   | 105    | 126  | 153    | 190  | 252    | 347  | 516    |
| -5°    | 45     | 60   | 75     | 89   | 107    | 127  | 153    | 191  | 251    | 344  | 506    |
| -7.5°  | 46     | 61   | 77     | 90   | 108    | 128  | 153    | 190  | 249    | 338  | 488    |
| -10°   | 47     | 62   | 77     | 91   | 108    | 128  | 153    | 188  | 243    | 327  | 462    |
| -12.5° | 48     | 62   | 77     | 92   | 108    | 127  | 151    | 184  | 233    | 310  | 429    |
| -15°   | 49     | 63   | 77     | 92   | 108    | 126  | 147    | 178  | 221    | 288  | 388    |
| -17.5° | 49     | 63   | 77     | 91   | 107    | 124  | 143    | 171  | 210    | 269  | 358    |
| -20°   | 49     | 62   | 76     | 89   | 106    | 122  | 140    | 165  | 200    | 250  | 322    |

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REPORT NUMBER: P626656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| -22.5° | 48     | 62   | 76     | 88   | 104    | 119  | 137    | 159  | 188    | 229  | 287    |
| -25°   | 47     | 61   | 75     | 87   | 101    | 117  | 132    | 151  | 177    | 213  | 261    |
| -27.5° | 46     | 60   | 73     | 86   | 99     | 114  | 128    | 146  | 168    | 196  | 235    |
| -30°   | 44     | 58   | 71     | 84   | 97     | 111  | 125    | 139  | 159    | 183  | 214    |
| -32.5° | 41     | 56   | 69     | 81   | 94     | 107  | 121    | 134  | 151    | 171  | 195    |
| -35°   | 40     | 54   | 67     | 78   | 91     | 104  | 117    | 129  | 143    | 161  | 182    |
| -37.5° | 39     | 51   | 64     | 75   | 87     | 100  | 112    | 124  | 137    | 151  | 170    |
| -40°   | 37     | 49   | 61     | 73   | 84     | 96   | 107    | 119  | 131    | 145  | 159    |
| -42.5° | 36     | 47   | 59     | 70   | 80     | 91   | 103    | 114  | 125    | 138  | 152    |
| -45°   | 34     | 45   | 56     | 66   | 77     | 87   | 98     | 108  | 120    | 132  | 145    |
| -47.5° | 32     | 42   | 53     | 62   | 72     | 83   | 93     | 104  | 114    | 125  | 137    |
| -50°   | 30     | 39   | 49     | 58   | 67     | 77   | 88     | 98   | 108    | 118  | 129    |
| -52.5° | 28     | 36   | 45     | 54   | 62     | 71   | 82     | 92   | 102    | 112  | 121    |
| -55°   | 25     | 33   | 41     | 50   | 58     | 66   | 75     | 86   | 95     | 105  | 114    |
| -57.5° | 23     | 29   | 37     | 45   | 54     | 61   | 70     | 79   | 89     | 98   | 107    |
| -60°   | 21     | 26   | 33     | 41   | 49     | 57   | 65     | 73   | 82     | 91   | 99     |
| -62.5° | 19     | 24   | 29     | 35   | 43     | 51   | 59     | 66   | 75     | 82   | 90     |
| -65°   | 17     | 21   | 25     | 31   | 37     | 44   | 51     | 59   | 66     | 73   | 80     |
| -67.5° | 15     | 19   | 22     | 26   | 31     | 37   | 43     | 50   | 57     | 64   | 70     |
| -70°   | 13     | 16   | 19     | 22   | 26     | 31   | 37     | 42   | 48     | 54   | 60     |
| -72.5° | 11     | 13   | 16     | 19   | 22     | 26   | 31     | 35   | 40     | 45   | 50     |
| -75°   | 9      | 11   | 13     | 16   | 18     | 22   | 25     | 29   | 33     | 37   | 41     |
| -77.5° | 7      | 9    | 11     | 12   | 15     | 17   | 20     | 23   | 26     | 29   | 33     |
| -80°   | 5      | 7    | 8      | 10   | 11     | 13   | 15     | 17   | 20     | 22   | 25     |
| -82.5° | 4      | 5    | 6      | 7    | 8      | 9    | 11     | 12   | 14     | 16   | 18     |
| -85°   | 3      | 4    | 4      | 5    | 5      | 6    | 7      | 8    | 9      | 10   | 11     |
| -87.5° | 2      | 2    | 2      | 2    | 3      | 3    | 3      | 4    | 4      | 5    | 5      |
| -90°   | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |



REPORT NUMBER: P626656 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 87.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 85°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 82.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 80°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 77.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 75°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 72.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 70°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 67.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 65°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 62.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| 60°    | 3    | 2      | 3    | 3      | 3    | 2      | 4    | 4      | 4    | 3      | 3    |
| 57.5°  | 7    | 8      | 9    | 11     | 12   | 12     | 13   | 14     | 15   | 16     | 16   |
| 55°    | 13   | 16     | 19   | 20     | 22   | 26     | 29   | 29     | 30   | 30     | 32   |
| 52.5°  | 21   | 24     | 26   | 28     | 33   | 36     | 37   | 39     | 42   | 44     | 47   |
| 50°    | 31   | 34     | 37   | 41     | 45   | 48     | 49   | 53     | 58   | 62     | 65   |
| 47.5°  | 41   | 44     | 50   | 57     | 61   | 64     | 68   | 73     | 79   | 85     | 90   |
| 45°    | 50   | 56     | 63   | 70     | 74   | 80     | 86   | 92     | 101  | 110    | 116  |
| 42.5°  | 60   | 67     | 74   | 82     | 87   | 96     | 106  | 114    | 127  | 138    | 145  |
| 40°    | 72   | 79     | 90   | 98     | 109  | 121    | 138  | 154    | 171  | 190    | 203  |
| 37.5°  | 86   | 97     | 112  | 126    | 143  | 159    | 191  | 223    | 249  | 286    | 306  |
| 35°    | 104  | 121    | 142  | 163    | 189  | 229    | 275  | 337    | 401  | 455    | 506  |
| 32.5°  | 124  | 145    | 174  | 212    | 256  | 320    | 389  | 503    | 614  | 725    | 834  |
| 30°    | 143  | 175    | 219  | 271    | 343  | 445    | 574  | 750    | 941  | 1108   | 1260 |
| 27.5°  | 170  | 214    | 271  | 350    | 472  | 621    | 860  | 1105   | 1348 | 1565   | 1720 |
| 25°    | 201  | 261    | 342  | 472    | 648  | 895    | 1216 | 1516   | 1801 | 2014   | 2193 |
| 22.5°  | 247  | 337    | 452  | 617    | 936  | 1281   | 1664 | 2041   | 2362 | 2630   | 2806 |
| 20°    | 304  | 425    | 617  | 916    | 1292 | 1723   | 2217 | 2613   | 3008 | 3309   | 3579 |
| 17.5°  | 384  | 576    | 848  | 1228   | 1677 | 2252   | 2760 | 3203   | 3704 | 4012   | 4287 |
| 15°    | 456  | 703    | 1091 | 1576   | 2102 | 2711   | 3310 | 3852   | 4336 | 4675   | 4982 |
| 12.5°  | 547  | 839    | 1284 | 1854   | 2429 | 3108   | 3731 | 4311   | 4785 | 5133   | 5348 |
| 10°    | 629  | 977    | 1476 | 2073   | 2717 | 3426   | 4071 | 4676   | 5134 | 5404   | 5562 |
| 7.5°   | 695  | 1092   | 1633 | 2261   | 2940 | 3654   | 4336 | 4935   | 5374 | 5600   | 5707 |
| 5°     | 746  | 1177   | 1755 | 2414   | 3120 | 3850   | 4546 | 5133   | 5503 | 5689   | 5749 |
| 2.5°   | 785  | 1237   | 1837 | 2515   | 3241 | 3995   | 4706 | 5284   | 5600 | 5734   | 5754 |
| 0°     | 810  | 1278   | 1891 | 2579   | 3346 | 4047   | 4792 | 5380   | 5679 | 5787   | 5798 |
| -2.5°  | 804  | 1263   | 1888 | 2556   | 3334 | 4070   | 4806 | 5386   | 5707 | 5852   | 5875 |
| -5°    | 788  | 1228   | 1826 | 2490   | 3239 | 3977   | 4678 | 5290   | 5684 | 5903   | 6000 |
| -7.5°  | 756  | 1166   | 1719 | 2365   | 3085 | 3824   | 4539 | 5174   | 5628 | 5936   | 6125 |
| -10°   | 703  | 1077   | 1582 | 2207   | 2917 | 3621   | 4328 | 4987   | 5475 | 5846   | 6110 |
| -12.5° | 629  | 955    | 1415 | 1983   | 2696 | 3354   | 4023 | 4655   | 5187 | 5645   | 5918 |
| -15°   | 553  | 828    | 1241 | 1761   | 2382 | 3029   | 3648 | 4268   | 4794 | 5221   | 5562 |
| -17.5° | 499  | 717    | 1040 | 1495   | 2041 | 2655   | 3258 | 3827   | 4302 | 4704   | 5061 |
| -20°   | 431  | 593    | 849  | 1231   | 1711 | 2248   | 2826 | 3333   | 3757 | 4134   | 4475 |

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**CANDELA DISTRIBUTION (continued):**

|        | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 377  | 508    | 692  | 954    | 1385 | 1858   | 2331 | 2797   | 3196 | 3532   | 3823 |
| -25°   | 327  | 419    | 564  | 776    | 1056 | 1465   | 1864 | 2257   | 2625 | 2937   | 3200 |
| -27.5° | 289  | 362    | 458  | 609    | 822  | 1060   | 1410 | 1739   | 2055 | 2340   | 2588 |
| -30°   | 253  | 308    | 383  | 478    | 623  | 800    | 1010 | 1256   | 1508 | 1733   | 1958 |
| -32.5° | 228  | 267    | 319  | 389    | 470  | 597    | 724  | 889    | 1049 | 1213   | 1375 |
| -35°   | 205  | 237    | 272  | 319    | 374  | 448    | 532  | 633    | 719  | 826    | 925  |
| -37.5° | 190  | 212    | 239  | 268    | 308  | 349    | 406  | 467    | 520  | 580    | 631  |
| -40°   | 177  | 194    | 212  | 232    | 260  | 288    | 324  | 359    | 392  | 429    | 456  |
| -42.5° | 166  | 180    | 193  | 208    | 225  | 247    | 271  | 293    | 313  | 335    | 353  |
| -45°   | 157  | 168    | 178  | 190    | 203  | 219    | 236  | 252    | 266  | 278    | 287  |
| -47.5° | 148  | 157    | 167  | 176    | 187  | 198    | 210  | 220    | 231  | 240    | 247  |
| -50°   | 139  | 148    | 157  | 165    | 174  | 183    | 192  | 200    | 208  | 215    | 219  |
| -52.5° | 130  | 140    | 148  | 156    | 163  | 171    | 178  | 186    | 193  | 199    | 202  |
| -55°   | 124  | 133    | 141  | 148    | 154  | 160    | 167  | 174    | 181  | 186    | 188  |
| -57.5° | 116  | 125    | 133  | 140    | 146  | 151    | 157  | 164    | 170  | 176    | 177  |
| -60°   | 108  | 117    | 124  | 130    | 136  | 143    | 148  | 154    | 160  | 165    | 167  |
| -62.5° | 98   | 106    | 113  | 119    | 124  | 129    | 136  | 142    | 148  | 152    | 155  |
| -65°   | 86   | 93     | 100  | 105    | 111  | 116    | 122  | 127    | 133  | 137    | 140  |
| -67.5° | 76   | 81     | 87   | 92     | 97   | 102    | 107  | 113    | 118  | 121    | 124  |
| -70°   | 65   | 71     | 75   | 80     | 85   | 89     | 94   | 98     | 103  | 106    | 108  |
| -72.5° | 55   | 60     | 64   | 68     | 72   | 76     | 80   | 84     | 88   | 91     | 93   |
| -75°   | 45   | 49     | 53   | 57     | 60   | 63     | 66   | 69     | 72   | 75     | 77   |
| -77.5° | 36   | 39     | 42   | 45     | 48   | 51     | 53   | 55     | 58   | 60     | 62   |
| -80°   | 27   | 30     | 32   | 34     | 37   | 39     | 40   | 42     | 44   | 45     | 47   |
| -82.5° | 20   | 21     | 23   | 24     | 26   | 27     | 28   | 30     | 31   | 32     | 33   |
| -85°   | 13   | 13     | 14   | 15     | 16   | 17     | 17   | 18     | 19   | 20     | 20   |
| -87.5° | 6    | 6      | 7    | 7      | 8    | 8      | 8    | 9      | 9    | 9      | 10   |
| -90°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |

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**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     |
| 87.5°  | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 85°    | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 82.5°  | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 80°    | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 77.5°  | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 75°    | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 72.5°  | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 70°    | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 67.5°  | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 65°    | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |
| 62.5°  | 1     | 1    | 1     | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1     |
| 60°    | 3     | 3    | 3     | 3    | 3    | 3    | 3    | 3    | 3     | 4    | 4     |
| 57.5°  | 16    | 15   | 14    | 13   | 14   | 15   | 16   | 16   | 16    | 15   | 14    |
| 55°    | 34    | 36   | 37    | 36   | 37   | 36   | 34   | 32   | 30    | 30   | 29    |
| 52.5°  | 48    | 49   | 49    | 48   | 49   | 49   | 48   | 47   | 44    | 42   | 39    |
| 50°    | 66    | 66   | 65    | 64   | 65   | 66   | 66   | 65   | 62    | 58   | 53    |
| 47.5°  | 92    | 94   | 95    | 94   | 95   | 94   | 92   | 90   | 85    | 79   | 73    |
| 45°    | 119   | 120  | 121   | 120  | 121  | 120  | 119  | 116  | 110   | 101  | 92    |
| 42.5°  | 149   | 152  | 152   | 152  | 152  | 152  | 149  | 145  | 138   | 127  | 114   |
| 40°    | 211   | 214  | 213   | 210  | 213  | 214  | 211  | 203  | 190   | 171  | 154   |
| 37.5°  | 320   | 331  | 335   | 335  | 335  | 331  | 320  | 306  | 286   | 249  | 223   |
| 35°    | 553   | 590  | 606   | 585  | 606  | 590  | 553  | 506  | 455   | 401  | 337   |
| 32.5°  | 923   | 988  | 1025  | 1025 | 1025 | 988  | 923  | 834  | 725   | 614  | 503   |
| 30°    | 1374  | 1456 | 1502  | 1512 | 1502 | 1456 | 1374 | 1260 | 1108  | 941  | 750   |
| 27.5°  | 1842  | 1927 | 1971  | 1964 | 1971 | 1927 | 1842 | 1720 | 1565  | 1348 | 1105  |
| 25°    | 2311  | 2376 | 2413  | 2414 | 2413 | 2376 | 2311 | 2193 | 2014  | 1801 | 1516  |
| 22.5°  | 3005  | 3140 | 3196  | 3211 | 3196 | 3140 | 3005 | 2806 | 2630  | 2362 | 2041  |
| 20°    | 3761  | 3892 | 3977  | 3982 | 3977 | 3892 | 3761 | 3579 | 3309  | 3008 | 2613  |
| 17.5°  | 4481  | 4547 | 4558  | 4564 | 4558 | 4547 | 4481 | 4287 | 4012  | 3704 | 3203  |
| 15°    | 5161  | 5183 | 5243  | 5251 | 5243 | 5183 | 5161 | 4982 | 4675  | 4336 | 3852  |
| 12.5°  | 5483  | 5504 | 5494  | 5466 | 5494 | 5504 | 5483 | 5348 | 5133  | 4785 | 4311  |
| 10°    | 5659  | 5629 | 5586  | 5533 | 5586 | 5629 | 5659 | 5562 | 5404  | 5134 | 4676  |
| 7.5°   | 5699  | 5666 | 5589  | 5512 | 5589 | 5666 | 5699 | 5707 | 5600  | 5374 | 4935  |
| 5°     | 5718  | 5622 | 5524  | 5432 | 5524 | 5622 | 5718 | 5749 | 5689  | 5503 | 5133  |
| 2.5°   | 5706  | 5592 | 5459  | 5359 | 5459 | 5592 | 5706 | 5754 | 5734  | 5600 | 5284  |
| 0°     | 5743  | 5628 | 5487  | 5450 | 5487 | 5628 | 5743 | 5798 | 5787  | 5679 | 5380  |
| -2.5°  | 5844  | 5751 | 5678  | 5658 | 5678 | 5751 | 5844 | 5875 | 5852  | 5707 | 5386  |
| -5°    | 6026  | 6006 | 5882  | 5911 | 5882 | 6006 | 6026 | 6000 | 5903  | 5684 | 5290  |
| -7.5°  | 6203  | 6174 | 6121  | 6189 | 6121 | 6174 | 6203 | 6125 | 5936  | 5628 | 5174  |
| -10°   | 6250  | 6240 | 6265  | 6325 | 6265 | 6240 | 6250 | 6110 | 5846  | 5475 | 4987  |
| -12.5° | 6106  | 6181 | 6266  | 6329 | 6266 | 6181 | 6106 | 5918 | 5645  | 5187 | 4655  |
| -15°   | 5786  | 5940 | 6066  | 6126 | 6066 | 5940 | 5786 | 5562 | 5221  | 4794 | 4268  |
| -17.5° | 5314  | 5503 | 5652  | 5695 | 5652 | 5503 | 5314 | 5061 | 4704  | 4302 | 3827  |
| -20°   | 4734  | 4926 | 5062  | 5116 | 5062 | 4926 | 4734 | 4475 | 4134  | 3757 | 3333  |

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REPORT NUMBER: P626656 (CONVERTED FROM TYPE C PHOTOMETRY)

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**CANDELA DISTRIBUTION (continued):**

|        | -7.5° | -5°  | -2.5° | 0°   | 2.5° | 5°   | 7.5° | 10°  | 12.5° | 15°  | 17.5° |
|--------|-------|------|-------|------|------|------|------|------|-------|------|-------|
| -22.5° | 4080  | 4268 | 4391  | 4456 | 4391 | 4268 | 4080 | 3823 | 3532  | 3196 | 2797  |
| -25°   | 3417  | 3582 | 3691  | 3720 | 3691 | 3582 | 3417 | 3200 | 2937  | 2625 | 2257  |
| -27.5° | 2783  | 2916 | 2996  | 3005 | 2996 | 2916 | 2783 | 2588 | 2340  | 2055 | 1739  |
| -30°   | 2145  | 2268 | 2338  | 2375 | 2338 | 2268 | 2145 | 1958 | 1733  | 1508 | 1256  |
| -32.5° | 1507  | 1604 | 1663  | 1679 | 1663 | 1604 | 1507 | 1375 | 1213  | 1049 | 889   |
| -35°   | 1005  | 1065 | 1103  | 1110 | 1103 | 1065 | 1005 | 925  | 826   | 719  | 633   |
| -37.5° | 672   | 701  | 720   | 728  | 720  | 701  | 672  | 631  | 580   | 520  | 467   |
| -40°   | 476   | 490  | 498   | 499  | 498  | 490  | 476  | 456  | 429   | 392  | 359   |
| -42.5° | 364   | 371  | 375   | 376  | 375  | 371  | 364  | 353  | 335   | 313  | 293   |
| -45°   | 294   | 299  | 302   | 303  | 302  | 299  | 294  | 287  | 278   | 266  | 252   |
| -47.5° | 252   | 255  | 257   | 257  | 257  | 255  | 252  | 247  | 240   | 231  | 220   |
| -50°   | 222   | 224  | 224   | 224  | 224  | 224  | 222  | 219  | 215   | 208  | 200   |
| -52.5° | 203   | 205  | 205   | 204  | 205  | 205  | 203  | 202  | 199   | 193  | 186   |
| -55°   | 189   | 190  | 190   | 190  | 190  | 190  | 189  | 188  | 186   | 181  | 174   |
| -57.5° | 179   | 180  | 180   | 179  | 180  | 180  | 179  | 177  | 176   | 170  | 164   |
| -60°   | 168   | 170  | 170   | 169  | 170  | 170  | 168  | 167  | 165   | 160  | 154   |
| -62.5° | 158   | 160  | 160   | 160  | 160  | 160  | 158  | 155  | 152   | 148  | 142   |
| -65°   | 143   | 145  | 145   | 144  | 145  | 145  | 143  | 140  | 137   | 133  | 127   |
| -67.5° | 126   | 128  | 128   | 128  | 128  | 128  | 126  | 124  | 121   | 118  | 113   |
| -70°   | 110   | 112  | 113   | 112  | 113  | 112  | 110  | 108  | 106   | 103  | 98    |
| -72.5° | 95    | 97   | 97    | 98   | 97   | 97   | 95   | 93   | 91    | 88   | 84    |
| -75°   | 79    | 80   | 80    | 80   | 80   | 80   | 79   | 77   | 75    | 72   | 69    |
| -77.5° | 63    | 65   | 65    | 64   | 65   | 65   | 63   | 62   | 60    | 58   | 55    |
| -80°   | 48    | 50   | 49    | 49   | 49   | 50   | 48   | 47   | 45    | 44   | 42    |
| -82.5° | 34    | 35   | 35    | 34   | 35   | 35   | 34   | 33   | 32    | 31   | 30    |
| -85°   | 21    | 22   | 22    | 22   | 22   | 22   | 21   | 20   | 20    | 19   | 18    |
| -87.5° | 10    | 10   | 10    | 9    | 10   | 10   | 10   | 10   | 9     | 9    | 9     |
| -90°   | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |



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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   |
| 87.5°  | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 85°    | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 82.5°  | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 80°    | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 77.5°  | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 75°    | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 72.5°  | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 70°    | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 67.5°  | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 65°    | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 62.5°  | 1    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 60°    | 4    | 2     | 3    | 3     | 3    | 2     | 3   | 2     | 1   | 1     | 1   |
| 57.5°  | 13   | 12    | 12   | 11    | 9    | 8     | 7   | 7     | 6   | 4     | 1   |
| 55°    | 29   | 26    | 22   | 20    | 19   | 16    | 13  | 12    | 11  | 9     | 6   |
| 52.5°  | 37   | 36    | 33   | 28    | 26   | 24    | 21  | 18    | 15  | 13    | 11  |
| 50°    | 49   | 48    | 45   | 41    | 37   | 34    | 31  | 27    | 23  | 19    | 16  |
| 47.5°  | 68   | 64    | 61   | 57    | 50   | 44    | 41  | 37    | 31  | 27    | 23  |
| 45°    | 86   | 80    | 74   | 70    | 63   | 56    | 50  | 45    | 40  | 34    | 30  |
| 42.5°  | 106  | 96    | 87   | 82    | 74   | 67    | 60  | 54    | 47  | 41    | 36  |
| 40°    | 138  | 121   | 109  | 98    | 90   | 79    | 72  | 64    | 56  | 48    | 43  |
| 37.5°  | 191  | 159   | 143  | 126   | 112  | 97    | 86  | 77    | 67  | 58    | 50  |
| 35°    | 275  | 229   | 189  | 163   | 142  | 121   | 104 | 91    | 80  | 69    | 58  |
| 32.5°  | 389  | 320   | 256  | 212   | 174  | 145   | 124 | 107   | 91  | 79    | 69  |
| 30°    | 574  | 445   | 343  | 271   | 219  | 175   | 143 | 122   | 103 | 89    | 78  |
| 27.5°  | 860  | 621   | 472  | 350   | 271  | 214   | 170 | 137   | 115 | 98    | 86  |
| 25°    | 1216 | 895   | 648  | 472   | 342  | 261   | 201 | 159   | 129 | 107   | 95  |
| 22.5°  | 1664 | 1281  | 936  | 617   | 452  | 337   | 247 | 181   | 144 | 122   | 106 |
| 20°    | 2217 | 1723  | 1292 | 916   | 617  | 425   | 304 | 219   | 170 | 140   | 118 |
| 17.5°  | 2760 | 2252  | 1677 | 1228  | 848  | 576   | 384 | 267   | 196 | 159   | 131 |
| 15°    | 3310 | 2711  | 2102 | 1576  | 1091 | 703   | 456 | 314   | 225 | 179   | 145 |
| 12.5°  | 3731 | 3108  | 2429 | 1854  | 1284 | 839   | 547 | 373   | 262 | 196   | 156 |
| 10°    | 4071 | 3426  | 2717 | 2073  | 1476 | 977   | 629 | 418   | 288 | 209   | 165 |
| 7.5°   | 4336 | 3654  | 2940 | 2261  | 1633 | 1092  | 695 | 453   | 309 | 221   | 172 |
| 5°     | 4546 | 3850  | 3120 | 2414  | 1755 | 1177  | 746 | 480   | 324 | 232   | 178 |
| 2.5°   | 4706 | 3995  | 3241 | 2515  | 1837 | 1237  | 785 | 502   | 337 | 241   | 183 |
| 0°     | 4792 | 4047  | 3346 | 2579  | 1891 | 1278  | 810 | 520   | 346 | 249   | 187 |
| -2.5°  | 4806 | 4070  | 3334 | 2556  | 1888 | 1263  | 804 | 516   | 347 | 252   | 190 |
| -5°    | 4678 | 3977  | 3239 | 2490  | 1826 | 1228  | 788 | 506   | 344 | 251   | 191 |
| -7.5°  | 4539 | 3824  | 3085 | 2365  | 1719 | 1166  | 756 | 488   | 338 | 249   | 190 |
| -10°   | 4328 | 3621  | 2917 | 2207  | 1582 | 1077  | 703 | 462   | 327 | 243   | 188 |
| -12.5° | 4023 | 3354  | 2696 | 1983  | 1415 | 955   | 629 | 429   | 310 | 233   | 184 |
| -15°   | 3648 | 3029  | 2382 | 1761  | 1241 | 828   | 553 | 388   | 288 | 221   | 178 |
| -17.5° | 3258 | 2655  | 2041 | 1495  | 1040 | 717   | 499 | 358   | 269 | 210   | 171 |
| -20°   | 2826 | 2248  | 1711 | 1231  | 849  | 593   | 431 | 322   | 250 | 200   | 165 |

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**CANDELA DISTRIBUTION (continued):**

|        | 20°  | 22.5° | 25°  | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 2331 | 1858  | 1385 | 954   | 692 | 508   | 377 | 287   | 229 | 188   | 159 |
| -25°   | 1864 | 1465  | 1056 | 776   | 564 | 419   | 327 | 261   | 213 | 177   | 151 |
| -27.5° | 1410 | 1060  | 822  | 609   | 458 | 362   | 289 | 235   | 196 | 168   | 146 |
| -30°   | 1010 | 800   | 623  | 478   | 383 | 308   | 253 | 214   | 183 | 159   | 139 |
| -32.5° | 724  | 597   | 470  | 389   | 319 | 267   | 228 | 195   | 171 | 151   | 134 |
| -35°   | 532  | 448   | 374  | 319   | 272 | 237   | 205 | 182   | 161 | 143   | 129 |
| -37.5° | 406  | 349   | 308  | 268   | 239 | 212   | 190 | 170   | 151 | 137   | 124 |
| -40°   | 324  | 288   | 260  | 232   | 212 | 194   | 177 | 159   | 145 | 131   | 119 |
| -42.5° | 271  | 247   | 225  | 208   | 193 | 180   | 166 | 152   | 138 | 125   | 114 |
| -45°   | 236  | 219   | 203  | 190   | 178 | 168   | 157 | 145   | 132 | 120   | 108 |
| -47.5° | 210  | 198   | 187  | 176   | 167 | 157   | 148 | 137   | 125 | 114   | 104 |
| -50°   | 192  | 183   | 174  | 165   | 157 | 148   | 139 | 129   | 118 | 108   | 98  |
| -52.5° | 178  | 171   | 163  | 156   | 148 | 140   | 130 | 121   | 112 | 102   | 92  |
| -55°   | 167  | 160   | 154  | 148   | 141 | 133   | 124 | 114   | 105 | 95    | 86  |
| -57.5° | 157  | 151   | 146  | 140   | 133 | 125   | 116 | 107   | 98  | 89    | 79  |
| -60°   | 148  | 143   | 136  | 130   | 124 | 117   | 108 | 99    | 91  | 82    | 73  |
| -62.5° | 136  | 129   | 124  | 119   | 113 | 106   | 98  | 90    | 82  | 75    | 66  |
| -65°   | 122  | 116   | 111  | 105   | 100 | 93    | 86  | 80    | 73  | 66    | 59  |
| -67.5° | 107  | 102   | 97   | 92    | 87  | 81    | 76  | 70    | 64  | 57    | 50  |
| -70°   | 94   | 89    | 85   | 80    | 75  | 71    | 65  | 60    | 54  | 48    | 42  |
| -72.5° | 80   | 76    | 72   | 68    | 64  | 60    | 55  | 50    | 45  | 40    | 35  |
| -75°   | 66   | 63    | 60   | 57    | 53  | 49    | 45  | 41    | 37  | 33    | 29  |
| -77.5° | 53   | 51    | 48   | 45    | 42  | 39    | 36  | 33    | 29  | 26    | 23  |
| -80°   | 40   | 39    | 37   | 34    | 32  | 30    | 27  | 25    | 22  | 20    | 17  |
| -82.5° | 28   | 27    | 26   | 24    | 23  | 21    | 20  | 18    | 16  | 14    | 12  |
| -85°   | 17   | 17    | 16   | 15    | 14  | 13    | 13  | 11    | 10  | 9     | 8   |
| -87.5° | 8    | 8     | 8    | 7     | 7   | 6     | 6   | 5     | 5   | 4     | 4   |
| -90°   | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |



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**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     |
| 87.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 85°    | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 82.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 80°    | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 77.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 75°    | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 72.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 70°    | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 67.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 65°    | 0     | 0   | 0     | 0   | 0     | 1   | 0     | 0   | 0     | 0   | 0     |
| 62.5°  | 1     | 1   | 1     | 0   | 1     | 1   | 1     | 1   | 1     | 0   | 0     |
| 60°    | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 0     |
| 57.5°  | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     |
| 55°    | 3     | 2   | 2     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     |
| 52.5°  | 7     | 4   | 2     | 2   | 2     | 1   | 1     | 1   | 1     | 1   | 1     |
| 50°    | 12    | 8   | 5     | 3   | 2     | 2   | 1     | 1   | 1     | 1   | 1     |
| 47.5°  | 18    | 13  | 8     | 5   | 3     | 2   | 2     | 1   | 1     | 1   | 1     |
| 45°    | 25    | 19  | 13    | 8   | 4     | 3   | 2     | 2   | 1     | 1   | 1     |
| 42.5°  | 32    | 25  | 18    | 11  | 8     | 5   | 3     | 2   | 2     | 1   | 1     |
| 40°    | 38    | 32  | 24    | 17  | 11    | 7   | 4     | 2   | 2     | 1   | 1     |
| 37.5°  | 45    | 39  | 31    | 22  | 14    | 10  | 6     | 3   | 2     | 2   | 1     |
| 35°    | 51    | 45  | 38    | 28  | 19    | 13  | 9     | 4   | 3     | 2   | 2     |
| 32.5°  | 58    | 51  | 43    | 34  | 24    | 15  | 11    | 6   | 4     | 2   | 2     |
| 30°    | 66    | 56  | 48    | 39  | 29    | 19  | 13    | 8   | 5     | 3   | 2     |
| 27.5°  | 74    | 61  | 52    | 44  | 33    | 23  | 16    | 10  | 6     | 3   | 2     |
| 25°    | 82    | 68  | 57    | 48  | 38    | 28  | 18    | 12  | 7     | 4   | 2     |
| 22.5°  | 91    | 75  | 61    | 52  | 42    | 32  | 22    | 14  | 9     | 5   | 3     |
| 20°    | 99    | 82  | 65    | 56  | 46    | 35  | 25    | 16  | 10    | 6   | 3     |
| 17.5°  | 109   | 89  | 72    | 61  | 50    | 39  | 28    | 19  | 11    | 7   | 3     |
| 15°    | 118   | 96  | 79    | 65  | 54    | 42  | 31    | 21  | 12    | 8   | 4     |
| 12.5°  | 126   | 103 | 85    | 70  | 57    | 45  | 34    | 23  | 13    | 9   | 5     |
| 10°    | 133   | 109 | 90    | 74  | 61    | 47  | 36    | 25  | 15    | 9   | 5     |
| 7.5°   | 140   | 114 | 94    | 78  | 64    | 50  | 38    | 27  | 17    | 10  | 6     |
| 5°     | 145   | 119 | 97    | 82  | 66    | 53  | 40    | 28  | 18    | 11  | 7     |
| 2.5°   | 149   | 122 | 100   | 84  | 69    | 56  | 41    | 29  | 20    | 11  | 8     |
| 0°     | 151   | 124 | 102   | 86  | 71    | 58  | 42    | 30  | 22    | 11  | 8     |
| -2.5°  | 153   | 126 | 105   | 88  | 73    | 59  | 44    | 32  | 23    | 13  | 9     |
| -5°    | 153   | 127 | 107   | 89  | 75    | 60  | 45    | 33  | 24    | 14  | 9     |
| -7.5°  | 153   | 128 | 108   | 90  | 77    | 61  | 46    | 34  | 24    | 15  | 9     |
| -10°   | 153   | 128 | 108   | 91  | 77    | 62  | 47    | 35  | 25    | 16  | 9     |
| -12.5° | 151   | 127 | 108   | 92  | 77    | 62  | 48    | 36  | 25    | 17  | 9     |
| -15°   | 147   | 126 | 108   | 92  | 77    | 63  | 49    | 36  | 26    | 17  | 9     |
| -17.5° | 143   | 124 | 107   | 91  | 77    | 63  | 49    | 36  | 26    | 17  | 10    |
| -20°   | 140   | 122 | 106   | 89  | 76    | 62  | 49    | 36  | 26    | 17  | 10    |

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**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| -22.5° | 137   | 119 | 104   | 88  | 76    | 62  | 48    | 35  | 25    | 17  | 10    |
| -25°   | 132   | 117 | 101   | 87  | 75    | 61  | 47    | 34  | 25    | 16  | 11    |
| -27.5° | 128   | 114 | 99    | 86  | 73    | 60  | 46    | 33  | 24    | 16  | 11    |
| -30°   | 125   | 111 | 97    | 84  | 71    | 58  | 44    | 32  | 23    | 16  | 10    |
| -32.5° | 121   | 107 | 94    | 81  | 69    | 56  | 41    | 30  | 23    | 16  | 10    |
| -35°   | 117   | 104 | 91    | 78  | 67    | 54  | 40    | 29  | 22    | 15  | 10    |
| -37.5° | 112   | 100 | 87    | 75  | 64    | 51  | 39    | 28  | 21    | 15  | 10    |
| -40°   | 107   | 96  | 84    | 73  | 61    | 49  | 37    | 28  | 20    | 14  | 9     |
| -42.5° | 103   | 91  | 80    | 70  | 59    | 47  | 36    | 27  | 19    | 13  | 9     |
| -45°   | 98    | 87  | 77    | 66  | 56    | 45  | 34    | 26  | 18    | 12  | 8     |
| -47.5° | 93    | 83  | 72    | 62  | 53    | 42  | 32    | 24  | 17    | 12  | 8     |
| -50°   | 88    | 77  | 67    | 58  | 49    | 39  | 30    | 22  | 16    | 11  | 8     |
| -52.5° | 82    | 71  | 62    | 54  | 45    | 36  | 28    | 20  | 15    | 11  | 7     |
| -55°   | 75    | 66  | 58    | 50  | 41    | 33  | 25    | 19  | 14    | 10  | 7     |
| -57.5° | 70    | 61  | 54    | 45  | 37    | 29  | 23    | 18  | 13    | 10  | 7     |
| -60°   | 65    | 57  | 49    | 41  | 33    | 26  | 21    | 16  | 12    | 9   | 6     |
| -62.5° | 59    | 51  | 43    | 35  | 29    | 24  | 19    | 15  | 11    | 8   | 6     |
| -65°   | 51    | 44  | 37    | 31  | 25    | 21  | 17    | 14  | 10    | 8   | 5     |
| -67.5° | 43    | 37  | 31    | 26  | 22    | 19  | 15    | 12  | 9     | 7   | 5     |
| -70°   | 37    | 31  | 26    | 22  | 19    | 16  | 13    | 10  | 8     | 6   | 4     |
| -72.5° | 31    | 26  | 22    | 19  | 16    | 13  | 11    | 9   | 7     | 5   | 4     |
| -75°   | 25    | 22  | 18    | 16  | 13    | 11  | 9     | 7   | 5     | 4   | 3     |
| -77.5° | 20    | 17  | 15    | 12  | 11    | 9   | 7     | 5   | 4     | 4   | 3     |
| -80°   | 15    | 13  | 11    | 10  | 8     | 7   | 5     | 4   | 4     | 3   | 3     |
| -82.5° | 11    | 9   | 8     | 7   | 6     | 5   | 4     | 4   | 3     | 3   | 2     |
| -85°   | 7     | 6   | 5     | 5   | 4     | 4   | 3     | 3   | 2     | 2   | 1     |
| -87.5° | 3     | 3   | 3     | 2   | 2     | 2   | 2     | 1   | 1     | 1   | 1     |
| -90°   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |

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**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| 90°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 87.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 85°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 82.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 80°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 77.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 75°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 72.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 70°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 67.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 65°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 62.5°  | 0   | 0     | 1   | 0     | 0   | 0     | 0   |
| 60°    | 0   | 0     | 1   | 0     | 0   | 0     | 0   |
| 57.5°  | 0   | 0     | 1   | 1     | 0   | 0     | 0   |
| 55°    | 1   | 0     | 1   | 1     | 0   | 0     | 0   |
| 52.5°  | 1   | 1     | 1   | 1     | 0   | 0     | 0   |
| 50°    | 1   | 1     | 1   | 1     | 0   | 0     | 0   |
| 47.5°  | 1   | 1     | 1   | 1     | 0   | 0     | 0   |
| 45°    | 1   | 1     | 1   | 1     | 0   | 0     | 0   |
| 42.5°  | 1   | 1     | 1   | 1     | 0   | 0     | 0   |
| 40°    | 1   | 1     | 1   | 1     | 1   | 0     | 0   |
| 37.5°  | 1   | 1     | 1   | 1     | 1   | 0     | 0   |
| 35°    | 2   | 1     | 1   | 1     | 1   | 0     | 0   |
| 32.5°  | 2   | 1     | 1   | 1     | 1   | 0     | 0   |
| 30°    | 2   | 1     | 1   | 1     | 1   | 0     | 0   |
| 27.5°  | 2   | 1     | 1   | 1     | 1   | 0     | 0   |
| 25°    | 2   | 2     | 1   | 1     | 1   | 0     | 0   |
| 22.5°  | 2   | 2     | 1   | 1     | 1   | 0     | 0   |
| 20°    | 2   | 2     | 1   | 1     | 1   | 0     | 0   |
| 17.5°  | 2   | 2     | 1   | 1     | 1   | 0     | 0   |
| 15°    | 2   | 2     | 1   | 1     | 1   | 0     | 0   |
| 12.5°  | 2   | 2     | 1   | 1     | 1   | 0     | 0   |
| 10°    | 3   | 2     | 1   | 1     | 1   | 0     | 0   |
| 7.5°   | 3   | 2     | 1   | 1     | 1   | 0     | 0   |
| 5°     | 3   | 2     | 1   | 1     | 1   | 0     | 0   |
| 2.5°   | 3   | 2     | 1   | 1     | 1   | 0     | 0   |
| 0°     | 3   | 2     | 1   | 1     | 1   | 0     | 0   |
| -2.5°  | 4   | 2     | 1   | 1     | 1   | 0     | 0   |
| -5°    | 4   | 2     | 1   | 1     | 1   | 0     | 0   |
| -7.5°  | 5   | 2     | 1   | 1     | 1   | 0     | 0   |
| -10°   | 5   | 2     | 1   | 1     | 1   | 0     | 0   |
| -12.5° | 5   | 3     | 1   | 1     | 1   | 0     | 0   |
| -15°   | 6   | 3     | 1   | 1     | 1   | 0     | 0   |
| -17.5° | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -20°   | 6   | 3     | 2   | 1     | 1   | 0     | 0   |

Classified

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

Scaled Data Report



REPORT NUMBER: P626656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -25°   | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -27.5° | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -30°   | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -32.5° | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -35°   | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -37.5° | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -40°   | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -42.5° | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -45°   | 6   | 3     | 2   | 1     | 1   | 0     | 0   |
| -47.5° | 5   | 3     | 2   | 1     | 1   | 0     | 0   |
| -50°   | 5   | 3     | 2   | 1     | 1   | 0     | 0   |
| -52.5° | 5   | 3     | 2   | 1     | 1   | 0     | 0   |
| -55°   | 5   | 3     | 2   | 1     | 1   | 0     | 0   |
| -57.5° | 5   | 3     | 2   | 1     | 1   | 0     | 0   |
| -60°   | 4   | 3     | 2   | 1     | 1   | 0     | 0   |
| -62.5° | 4   | 3     | 2   | 1     | 1   | 0     | 0   |
| -65°   | 4   | 2     | 2   | 1     | 1   | 0     | 0   |
| -67.5° | 3   | 2     | 2   | 1     | 1   | 0     | 0   |
| -70°   | 3   | 2     | 2   | 1     | 1   | 0     | 0   |
| -72.5° | 3   | 2     | 2   | 1     | 1   | 0     | 0   |
| -75°   | 3   | 2     | 2   | 1     | 0   | 0     | 0   |
| -77.5° | 2   | 2     | 1   | 1     | 0   | 0     | 0   |
| -80°   | 2   | 2     | 1   | 1     | 0   | 0     | 0   |
| -82.5° | 2   | 1     | 1   | 0     | 0   | 0     | 0   |
| -85°   | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -87.5° | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| -90°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |

(END OF REPORT)