

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: P626974 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626974 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA2D-735-U-MR-VSR-XX  
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
 Light Source: (32) 3500K CCT, 70 CRI LEDS  
 Ballast/Driver: -

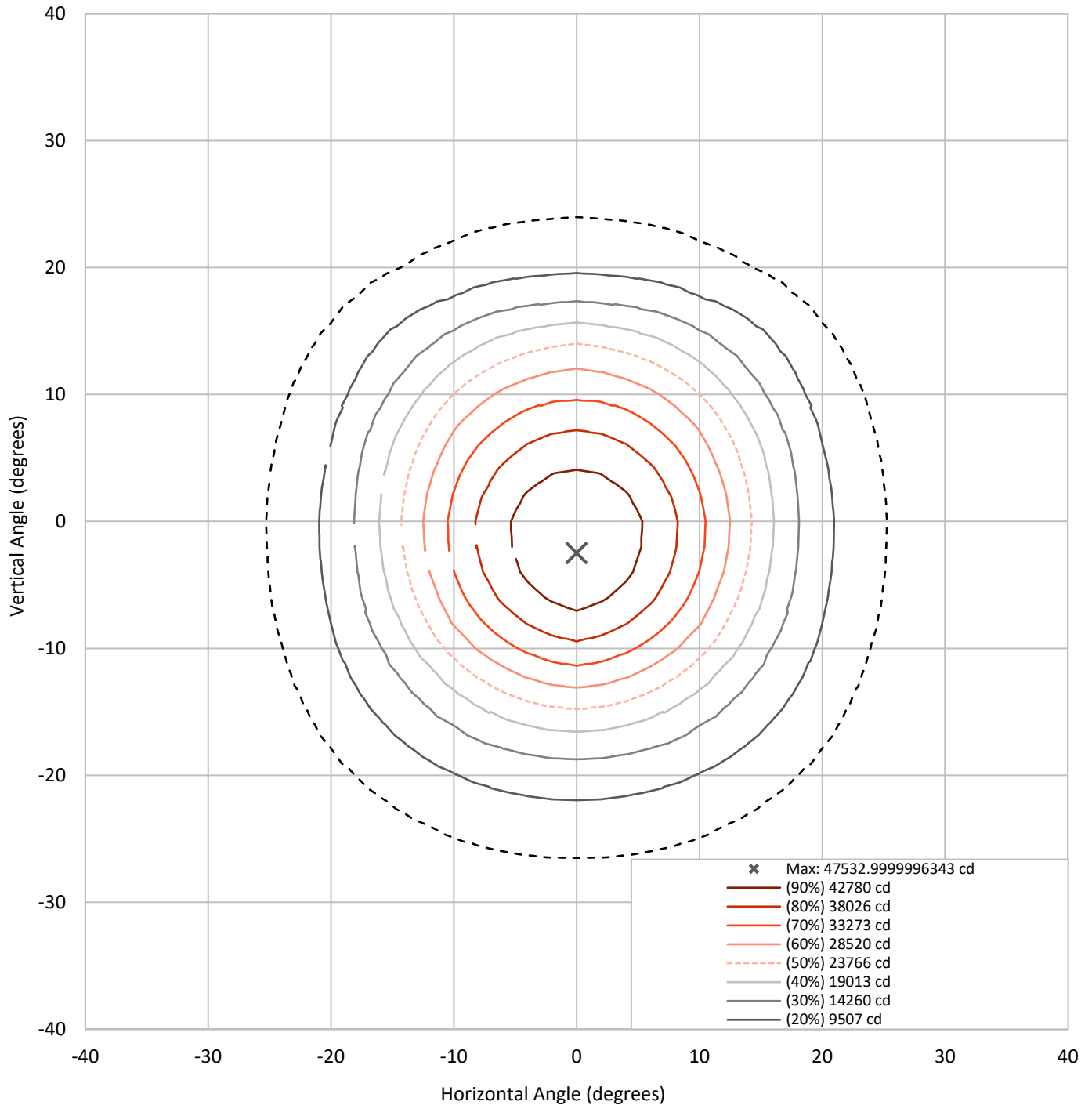
**Summary**

|                                   |                                      |                      |                 |
|-----------------------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 4H x 4V         |
| Luminaire Lumens:                 | 13481.4 lumens                       | Max Intensity:       | 47533 candela   |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x -2.5°V    |
| Efficacy:                         | 124.0 lumens/watt                    |                      |                 |
| Luminous Opening:                 | Rectangular (W 1' x L: 0.5' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 28.2°H x 28.7°V                      | Field Angle (10%):   | 50.2°H x 50.4°V |
| Beam Lumens:                      | 6740.8 lumens                        | Field Lumens:        | 11583 lumens    |
| Beam Efficiency:                  | 50.0%                                | Field Efficiency:    | 85.9%           |
| Input Watts (W):                  | 108.7                                |                      |                 |
| 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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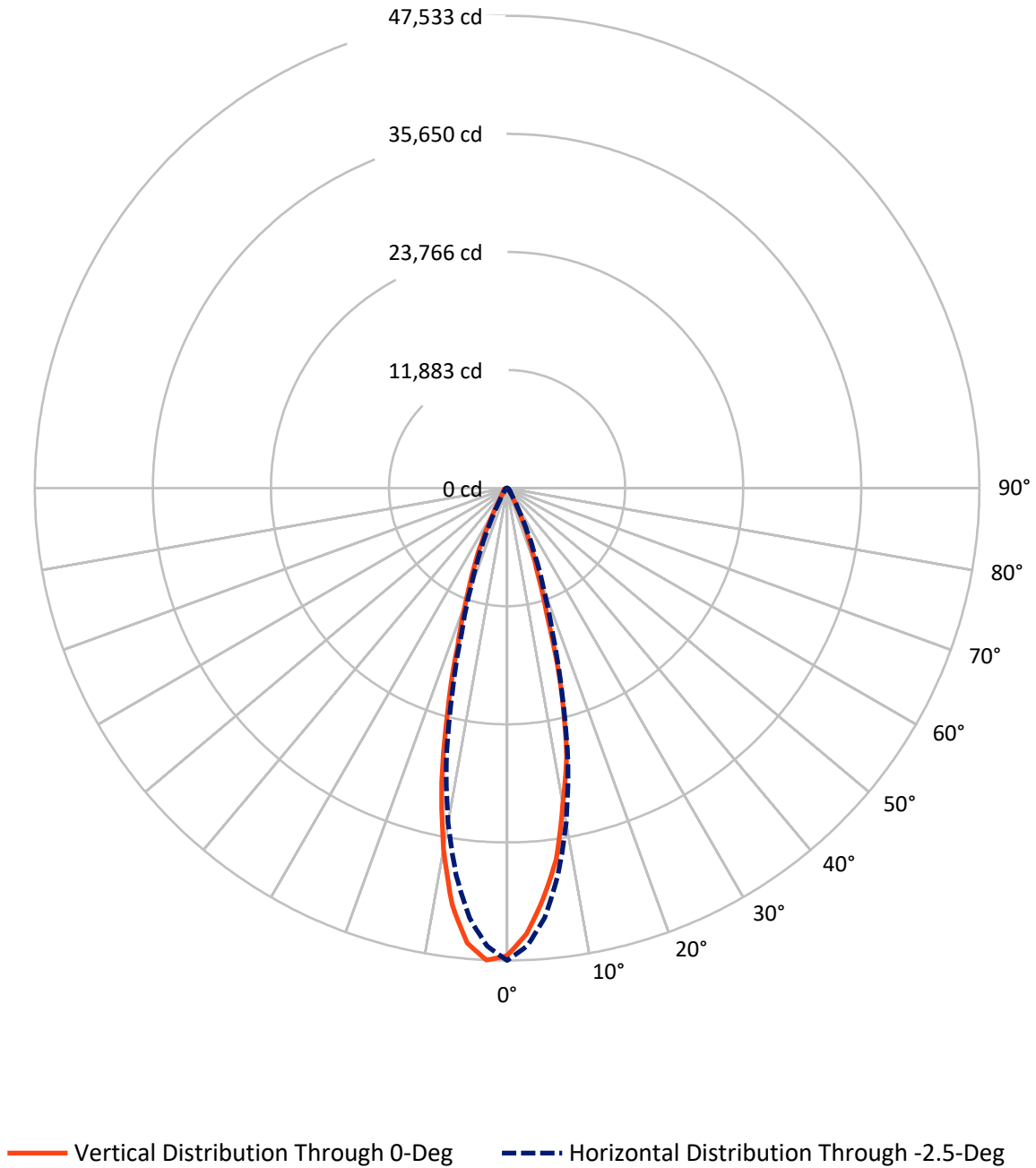
CATALOG NUMBER: GFLD-SA2D-735-U-MR-VSR-XX

### 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  | 0.1   | 0.1   | 0.1    | 0.1    | 0.1   | 0.1   | 0.0  | 0.0 | 0.0 | 0.0 |    |    |    |    |
| 50  |     | 0.0 | 0.1 | 0.4 | 0.9  | 1.5   | 2.1   | 2.5    | 2.5    | 2.1   | 1.5   | 0.9  | 0.4 | 0.1 | 0.0 |    |    |    |    |
| 40  | 0.0 | 0.1 | 0.5 | 1.5 | 2.8  | 4.4   | 6.1   | 7.2    | 7.2    | 6.1   | 4.4   | 2.8  | 1.5 | 0.5 | 0.1 |    |    |    |    |
| 30  |     | 0.2 | 1.1 | 2.9 | 5.3  | 8.7   | 14.5  | 19.4   | 19.4   | 14.5  | 8.7   | 5.3  | 2.9 | 1.1 | 0.2 |    |    |    |    |
| 20  | 0.1 | 0.4 | 1.8 | 4.4 | 8.4  | 20.4  | 64.0  | 117.3  | 117.3  | 64.0  | 20.4  | 8.4  | 4.4 | 1.8 | 0.4 |    |    |    |    |
| 10  |     | 0.7 | 2.5 | 6.0 | 14.3 | 70.2  | 285.5 | 559.0  | 559.0  | 285.5 | 70.2  | 14.3 | 6.0 | 2.5 | 0.7 |    |    |    |    |
| 0   | 0.2 | 0.9 | 3.0 | 7.1 | 20.6 | 133.8 | 576.5 | 1129.9 | 1129.9 | 576.5 | 133.8 | 20.6 | 7.1 | 3.0 | 0.9 |    |    |    |    |
| -10 |     | 1.0 | 3.3 | 7.5 | 22.0 | 140.2 | 591.5 | 1198.1 | 1198.1 | 591.5 | 140.2 | 22.0 | 7.5 | 3.3 | 1.0 |    |    |    |    |
| -20 | 0.3 | 1.0 | 3.4 | 7.3 | 18.1 | 86.1  | 327.1 | 634.1  | 634.1  | 327.1 | 86.1  | 18.1 | 7.3 | 3.4 | 1.0 |    |    |    |    |
| -30 |     | 1.0 | 3.2 | 6.7 | 13.2 | 33.4  | 101.3 | 180.7  | 180.7  | 101.3 | 33.4  | 13.2 | 6.7 | 3.2 | 1.0 |    |    |    |    |
| -40 | 0.2 | 0.9 | 2.9 | 5.8 | 10.1 | 16.5  | 26.9  | 36.0   | 36.0   | 26.9  | 16.5  | 10.1 | 5.8 | 2.9 | 0.9 |    |    |    |    |
| -50 |     | 0.7 | 2.4 | 4.8 | 7.9  | 11.4  | 15.0  | 16.8   | 16.8   | 15.0  | 11.4  | 7.9  | 4.8 | 2.4 | 0.7 |    |    |    |    |
| -60 | 0.2 | 0.6 | 1.8 | 3.8 | 6.2  | 8.6   | 10.8  | 11.7   | 11.7   | 10.8  | 8.6   | 6.2  | 3.8 | 1.8 | 0.6 |    |    |    |    |
| -70 |     | 0.4 | 1.1 | 2.5 | 4.1  | 5.9   | 7.4   | 8.2    | 8.2    | 7.4   | 5.9   | 4.1  | 2.5 | 1.1 | 0.4 |    |    |    |    |
| -80 | 0.1 | 0.9 | 4.0 | 8.6 | 10.9 | 8.6   | 4.0   | 0.9    | 0.1    |       |       |      |     |     |     |    |    |    |    |
| -90 |     |     |     |     |      |       |       |        |        |       |       |      |     |     |     |    |    |    |    |
|     | -90 | -80 | -70 | -60 | -50  | -40   | -30   | -20    | -10    | 0     | 10    | 20   | 30  | 40  | 50  | 60 | 70 | 80 | 90 |

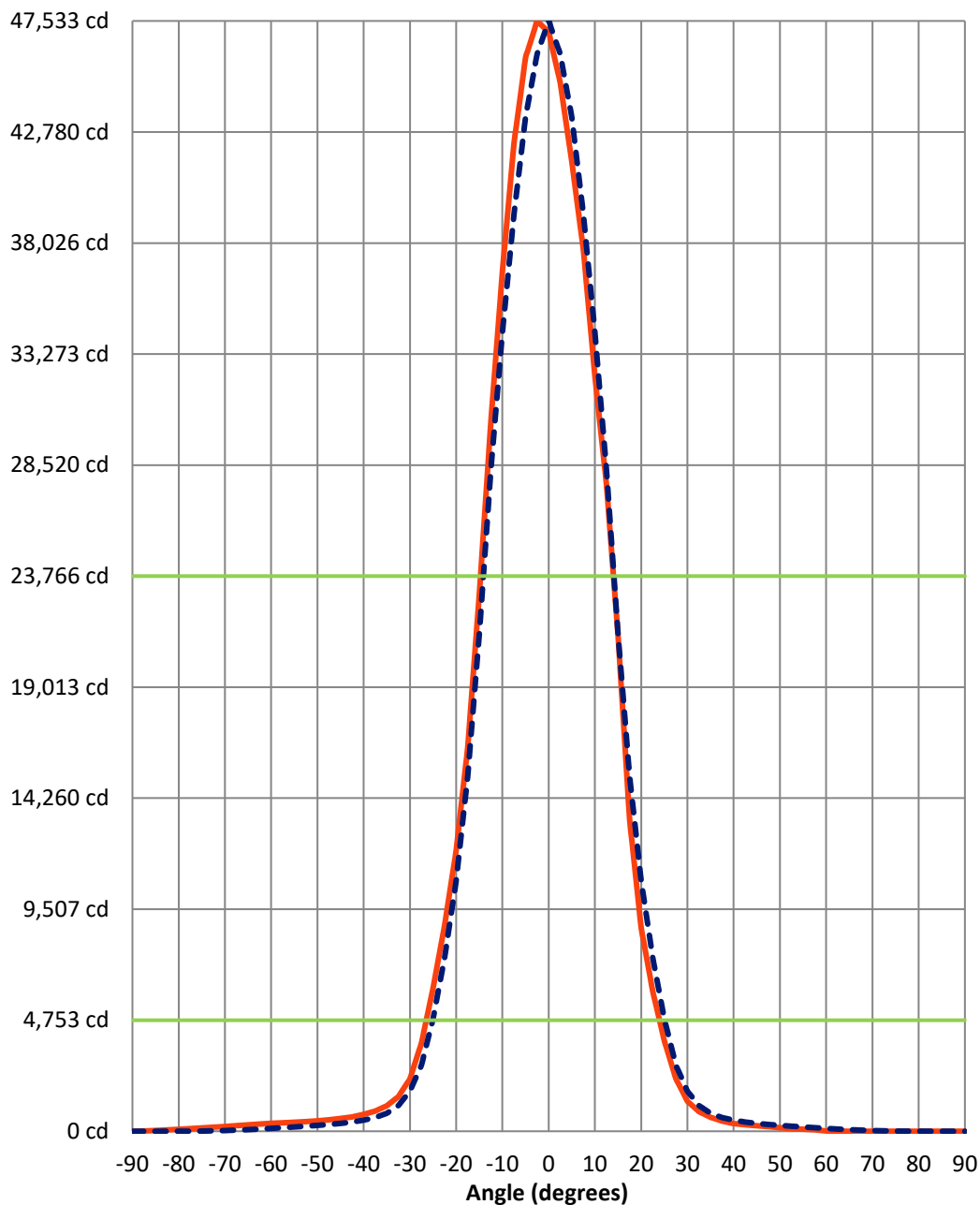
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 6740.8  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 11583  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1898.4  
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -2.5-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90°    | 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      | 0    | 0      | 0    | 0      | 0    |
| 60°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    |
| 57.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    |
| 55°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 2      | 1    |
| 52.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 2    | 2      | 1    |
| 50°    | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 2      | 3    | 2      | 2    |
| 47.5°  | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 2      | 3    | 2      | 3    |
| 45°    | 0    | 0      | 0    | 0      | 0    | 1      | 2    | 3      | 3    | 3      | 3    |
| 42.5°  | 0    | 0      | 0    | 0      | 0    | 1      | 2    | 3      | 3    | 3      | 5    |
| 40°    | 0    | 0      | 0    | 0      | 0    | 2      | 2    | 3      | 3    | 3      | 7    |
| 37.5°  | 0    | 0      | 0    | 0      | 0    | 2      | 3    | 3      | 4    | 4      | 10   |
| 35°    | 0    | 0      | 0    | 0      | 1    | 2      | 3    | 3      | 4    | 7      | 13   |
| 32.5°  | 0    | 0      | 0    | 0      | 1    | 3      | 3    | 3      | 6    | 10     | 16   |
| 30°    | 0    | 0      | 0    | 0      | 1    | 3      | 3    | 3      | 7    | 13     | 20   |
| 27.5°  | 0    | 0      | 0    | 0      | 2    | 3      | 3    | 4      | 8    | 15     | 24   |
| 25°    | 0    | 0      | 0    | 0      | 2    | 3      | 3    | 5      | 11   | 18     | 28   |
| 22.5°  | 0    | 0      | 0    | 0      | 2    | 3      | 3    | 6      | 13   | 21     | 33   |
| 20°    | 0    | 0      | 0    | 0      | 2    | 3      | 3    | 8      | 15   | 25     | 39   |
| 17.5°  | 0    | 0      | 0    | 0      | 2    | 3      | 3    | 9      | 16   | 28     | 43   |
| 15°    | 0    | 0      | 0    | 0      | 3    | 3      | 3    | 10     | 18   | 31     | 47   |
| 12.5°  | 0    | 0      | 0    | 0      | 3    | 3      | 4    | 12     | 20   | 35     | 51   |
| 10°    | 0    | 0      | 0    | 0      | 3    | 3      | 4    | 13     | 21   | 38     | 55   |
| 7.5°   | 0    | 0      | 0    | 0      | 3    | 3      | 5    | 15     | 23   | 41     | 58   |
| 5°     | 0    | 0      | 0    | 0      | 3    | 3      | 5    | 16     | 24   | 43     | 61   |
| 2.5°   | 0    | 0      | 0    | 0      | 3    | 3      | 6    | 17     | 26   | 46     | 64   |
| 0°     | 0    | 0      | 0    | 0      | 3    | 3      | 6    | 18     | 27   | 48     | 66   |
| -2.5°  | 0    | 0      | 0    | 0      | 3    | 3      | 7    | 18     | 30   | 50     | 68   |
| -5°    | 0    | 0      | 0    | 0      | 3    | 4      | 8    | 19     | 32   | 51     | 69   |
| -7.5°  | 0    | 0      | 0    | 1      | 3    | 4      | 9    | 19     | 34   | 52     | 70   |
| -10°   | 0    | 0      | 0    | 1      | 3    | 4      | 10   | 19     | 36   | 53     | 71   |
| -12.5° | 0    | 0      | 0    | 1      | 3    | 4      | 11   | 19     | 37   | 54     | 73   |
| -15°   | 0    | 0      | 0    | 1      | 3    | 5      | 12   | 19     | 37   | 55     | 74   |
| -17.5° | 0    | 0      | 0    | 1      | 3    | 5      | 12   | 20     | 36   | 55     | 75   |
| -20°   | 0    | 0      | 0    | 1      | 3    | 5      | 12   | 21     | 36   | 55     | 75   |

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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      | 0    | 1      | 3    | 5      | 12   | 22     | 35   | 54     | 74   |
| -25°   | 0    | 0      | 0    | 1      | 3    | 5      | 12   | 22     | 34   | 53     | 72   |
| -27.5° | 0    | 0      | 0    | 1      | 3    | 6      | 12   | 22     | 33   | 51     | 70   |
| -30°   | 0    | 0      | 0    | 1      | 3    | 6      | 12   | 22     | 33   | 50     | 68   |
| -32.5° | 0    | 0      | 0    | 1      | 3    | 6      | 12   | 22     | 33   | 48     | 65   |
| -35°   | 0    | 0      | 0    | 1      | 4    | 6      | 12   | 22     | 32   | 46     | 62   |
| -37.5° | 0    | 0      | 0    | 1      | 4    | 6      | 12   | 21     | 32   | 44     | 60   |
| -40°   | 0    | 0      | 0    | 1      | 4    | 6      | 12   | 21     | 30   | 43     | 59   |
| -42.5° | 0    | 0      | 0    | 1      | 4    | 7      | 12   | 20     | 29   | 41     | 57   |
| -45°   | 0    | 0      | 0    | 1      | 4    | 7      | 11   | 19     | 28   | 39     | 54   |
| -47.5° | 0    | 0      | 0    | 0      | 4    | 7      | 11   | 18     | 27   | 37     | 51   |
| -50°   | 0    | 0      | 0    | 0      | 3    | 6      | 10   | 17     | 26   | 35     | 48   |
| -52.5° | 0    | 0      | 0    | 1      | 3    | 6      | 10   | 16     | 24   | 33     | 44   |
| -55°   | 0    | 0      | 0    | 1      | 3    | 6      | 9    | 14     | 22   | 30     | 40   |
| -57.5° | 0    | 0      | 0    | 1      | 2    | 5      | 9    | 13     | 20   | 28     | 37   |
| -60°   | 0    | 0      | 0    | 1      | 2    | 5      | 8    | 12     | 18   | 25     | 33   |
| -62.5° | 0    | 0      | 0    | 1      | 2    | 5      | 7    | 11     | 16   | 22     | 30   |
| -65°   | 0    | 0      | 0    | 1      | 2    | 4      | 7    | 10     | 14   | 20     | 26   |
| -67.5° | 0    | 0      | 0    | 1      | 2    | 4      | 6    | 9      | 12   | 17     | 23   |
| -70°   | 0    | 0      | 0    | 1      | 2    | 3      | 6    | 8      | 11   | 15     | 20   |
| -72.5° | 0    | 0      | 0    | 1      | 2    | 3      | 5    | 7      | 9    | 12     | 16   |
| -75°   | 0    | 0      | 0    | 1      | 1    | 3      | 4    | 6      | 7    | 10     | 13   |
| -77.5° | 0    | 0      | 0    | 0      | 1    | 2      | 4    | 5      | 6    | 8      | 10   |
| -80°   | 0    | 0      | 0    | 0      | 1    | 2      | 3    | 4      | 5    | 6      | 7    |
| -82.5° | 0    | 0      | 0    | 0      | 1    | 1      | 2    | 3      | 3    | 4      | 5    |
| -85°   | 0    | 0      | 0    | 0      | 1    | 1      | 2    | 2      | 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      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 62.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 0      | 1    | 1      |
| 60°    | 0      | 0    | 0      | 1    | 1      | 1    | 2      | 2    | 3      | 3    | 6      |
| 57.5°  | 0      | 1    | 1      | 2    | 2      | 3    | 5      | 6    | 9      | 14   | 17     |
| 55°    | 1      | 2    | 2      | 3    | 4      | 7    | 10     | 15   | 20     | 26   | 31     |
| 52.5°  | 2      | 3    | 3      | 5    | 9      | 13   | 19     | 26   | 34     | 40   | 45     |
| 50°    | 3      | 4    | 4      | 10   | 15     | 22   | 31     | 41   | 48     | 53   | 62     |
| 47.5°  | 4      | 5    | 9      | 15   | 23     | 33   | 45     | 54   | 60     | 71   | 83     |
| 45°    | 6      | 9    | 15     | 23   | 33     | 47   | 58     | 65   | 77     | 90   | 103    |
| 42.5°  | 8      | 13   | 21     | 30   | 46     | 59   | 70     | 81   | 94     | 108  | 122    |
| 40°    | 12     | 18   | 29     | 42   | 59     | 71   | 84     | 97   | 110    | 127  | 141    |
| 37.5°  | 15     | 25   | 37     | 54   | 70     | 85   | 99     | 114  | 130    | 147  | 164    |
| 35°    | 19     | 32   | 47     | 64   | 81     | 99   | 115    | 131  | 151    | 170  | 190    |
| 32.5°  | 24     | 39   | 55     | 74   | 92     | 112  | 130    | 151  | 172    | 193  | 217    |
| 30°    | 31     | 46   | 64     | 84   | 103    | 124  | 147    | 171  | 191    | 215  | 240    |
| 27.5°  | 37     | 53   | 72     | 93   | 113    | 135  | 163    | 187  | 209    | 235  | 263    |
| 25°    | 44     | 60   | 81     | 101  | 123    | 149  | 179    | 203  | 227    | 255  | 288    |
| 22.5°  | 50     | 68   | 90     | 109  | 133    | 163  | 193    | 221  | 247    | 275  | 314    |
| 20°    | 56     | 75   | 98     | 119  | 143    | 176  | 208    | 239  | 270    | 305  | 348    |
| 17.5°  | 61     | 83   | 106    | 130  | 157    | 189  | 223    | 257  | 291    | 334  | 388    |
| 15°    | 67     | 89   | 115    | 140  | 169    | 202  | 237    | 275  | 315    | 365  | 427    |
| 12.5°  | 72     | 95   | 123    | 150  | 180    | 214  | 250    | 289  | 336    | 396  | 472    |
| 10°    | 76     | 101  | 130    | 158  | 189    | 224  | 261    | 302  | 352    | 417  | 507    |
| 7.5°   | 80     | 106  | 137    | 166  | 197    | 233  | 271    | 313  | 366    | 435  | 534    |
| 5°     | 84     | 111  | 142    | 171  | 203    | 241  | 279    | 322  | 377    | 449  | 556    |
| 2.5°   | 87     | 116  | 146    | 176  | 208    | 245  | 284    | 328  | 384    | 462  | 573    |
| 0°     | 90     | 120  | 150    | 180  | 212    | 248  | 287    | 332  | 389    | 473  | 584    |
| -2.5°  | 93     | 124  | 153    | 183  | 217    | 252  | 291    | 336  | 394    | 476  | 586    |
| -5°    | 95     | 127  | 156    | 186  | 219    | 253  | 292    | 337  | 397    | 477  | 588    |
| -7.5°  | 96     | 129  | 158    | 188  | 222    | 255  | 294    | 339  | 398    | 476  | 587    |
| -10°   | 98     | 130  | 159    | 190  | 223    | 257  | 294    | 338  | 396    | 471  | 577    |
| -12.5° | 99     | 131  | 160    | 191  | 224    | 257  | 293    | 335  | 390    | 462  | 559    |
| -15°   | 100    | 131  | 160    | 190  | 224    | 257  | 291    | 330  | 382    | 450  | 535    |
| -17.5° | 101    | 130  | 159    | 189  | 222    | 256  | 287    | 325  | 373    | 437  | 518    |
| -20°   | 101    | 130  | 158    | 186  | 219    | 253  | 284    | 321  | 366    | 422  | 495    |

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REPORT NUMBER: P626974 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| -22.5° | 100    | 129  | 156    | 183  | 215    | 248  | 280    | 315  | 356    | 404  | 469    |
| -25°   | 99     | 127  | 154    | 181  | 211    | 242  | 274    | 306  | 346    | 391  | 446    |
| -27.5° | 96     | 125  | 151    | 177  | 206    | 235  | 267    | 298  | 334    | 376  | 424    |
| -30°   | 92     | 121  | 147    | 173  | 201    | 229  | 258    | 289  | 322    | 361  | 404    |
| -32.5° | 88     | 117  | 142    | 168  | 196    | 223  | 249    | 279  | 311    | 344  | 383    |
| -35°   | 84     | 111  | 137    | 162  | 189    | 215  | 240    | 267  | 298    | 329  | 362    |
| -37.5° | 82     | 106  | 132    | 155  | 181    | 207  | 231    | 255  | 283    | 313  | 344    |
| -40°   | 78     | 100  | 125    | 149  | 172    | 198  | 221    | 243  | 268    | 298  | 327    |
| -42.5° | 75     | 96   | 119    | 142  | 164    | 187  | 211    | 233  | 256    | 283  | 310    |
| -45°   | 72     | 92   | 113    | 135  | 157    | 177  | 200    | 222  | 245    | 269  | 295    |
| -47.5° | 68     | 87   | 107    | 127  | 148    | 169  | 189    | 210  | 234    | 256  | 279    |
| -50°   | 63     | 82   | 100    | 118  | 139    | 160  | 180    | 199  | 220    | 242  | 264    |
| -52.5° | 58     | 75   | 93     | 110  | 128    | 148  | 169    | 188  | 206    | 226  | 247    |
| -55°   | 53     | 69   | 85     | 101  | 117    | 136  | 156    | 175  | 194    | 212  | 230    |
| -57.5° | 48     | 61   | 76     | 92   | 107    | 123  | 142    | 160  | 179    | 196  | 215    |
| -60°   | 43     | 54   | 67     | 82   | 97     | 112  | 128    | 145  | 162    | 179  | 196    |
| -62.5° | 38     | 48   | 59     | 72   | 86     | 100  | 115    | 130  | 146    | 160  | 175    |
| -65°   | 33     | 41   | 51     | 62   | 74     | 87   | 100    | 115  | 129    | 141  | 152    |
| -67.5° | 28     | 35   | 43     | 52   | 63     | 73   | 84     | 97   | 110    | 121  | 131    |
| -70°   | 24     | 29   | 36     | 43   | 52     | 61   | 70     | 80   | 90     | 100  | 110    |
| -72.5° | 21     | 25   | 30     | 34   | 42     | 50   | 57     | 65   | 73     | 82   | 91     |
| -75°   | 17     | 20   | 24     | 28   | 33     | 39   | 46     | 53   | 60     | 67   | 73     |
| -77.5° | 13     | 16   | 19     | 22   | 26     | 31   | 36     | 41   | 47     | 53   | 58     |
| -80°   | 9      | 12   | 15     | 17   | 20     | 23   | 26     | 30   | 34     | 38   | 43     |
| -82.5° | 6      | 8    | 10     | 12   | 14     | 16   | 17     | 20   | 23     | 26   | 29     |
| -85°   | 3      | 4    | 6      | 7    | 8      | 9    | 10     | 11   | 13     | 15   | 17     |
| -87.5° | 2      | 2    | 3      | 3    | 4      | 4    | 4      | 4    | 5      | 6    | 7      |
| -90°   | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |



REPORT NUMBER: P626974 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-MR-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    | 1      | 1     | 1      | 0     | 0      | 0     |
| 62.5°  | 1    | 1      | 2    | 3      | 3    | 4      | 4     | 4      | 4     | 4      | 4     |
| 60°    | 8    | 7      | 11   | 14     | 13   | 10     | 15    | 17     | 16    | 14     | 14    |
| 57.5°  | 21   | 26     | 30   | 31     | 35   | 42     | 44    | 43     | 43    | 45     | 51    |
| 55°    | 37   | 41     | 44   | 50     | 56   | 62     | 66    | 69     | 73    | 77     | 81    |
| 52.5°  | 50   | 57     | 62   | 68     | 76   | 81     | 83    | 91     | 99    | 104    | 108   |
| 50°    | 71   | 78     | 86   | 95     | 102  | 109    | 115   | 124    | 134   | 144    | 150   |
| 47.5°  | 93   | 103    | 113  | 125    | 134  | 141    | 148   | 160    | 173   | 185    | 193   |
| 45°    | 114  | 125    | 138  | 149    | 159  | 169    | 180   | 194    | 208   | 220    | 230   |
| 42.5°  | 133  | 145    | 158  | 172    | 180  | 195    | 212   | 226    | 243   | 258    | 270   |
| 40°    | 154  | 166    | 186  | 199    | 211  | 227    | 251   | 272    | 292   | 311    | 323   |
| 37.5°  | 180  | 200    | 221  | 238    | 254  | 273    | 306   | 338    | 364   | 390    | 408   |
| 35°    | 211  | 235    | 261  | 279    | 303  | 340    | 381   | 425    | 470   | 505    | 537   |
| 32.5°  | 240  | 266    | 293  | 322    | 359  | 411    | 462   | 534    | 600   | 667    | 731   |
| 30°    | 266  | 296    | 328  | 366    | 425  | 497    | 581   | 690    | 808   | 926    | 1061  |
| 27.5°  | 294  | 327    | 365  | 425    | 514  | 613    | 767   | 939    | 1184  | 1381   | 1699  |
| 25°    | 324  | 361    | 414  | 509    | 632  | 806    | 1075  | 1382   | 1889  | 2322   | 2810  |
| 22.5°  | 361  | 417    | 492  | 612    | 817  | 1130   | 1549  | 2217   | 2995  | 3718   | 4407  |
| 20°    | 406  | 482    | 610  | 800    | 1095 | 1576   | 2371  | 3384   | 4466  | 5523   | 6546  |
| 17.5°  | 465  | 587    | 769  | 1040   | 1457 | 2469   | 3651  | 5099   | 6952  | 8344   | 9664  |
| 15°    | 520  | 673    | 949  | 1387   | 2173 | 3475   | 5127  | 7344   | 9839  | 11937  | 14309 |
| 12.5°  | 584  | 770    | 1101 | 1671   | 2793 | 4514   | 6621  | 9264   | 12217 | 15401  | 19118 |
| 10°    | 640  | 868    | 1295 | 2078   | 3441 | 5443   | 7804  | 10907  | 14699 | 19205  | 23902 |
| 7.5°   | 683  | 950    | 1457 | 2384   | 3986 | 6205   | 9021  | 12795  | 17598 | 22864  | 28222 |
| 5°     | 717  | 1014   | 1584 | 2624   | 4449 | 6824   | 9910  | 14289  | 19764 | 25808  | 31135 |
| 2.5°   | 743  | 1059   | 1668 | 2772   | 4763 | 7246   | 10517 | 15084  | 21089 | 27730  | 33324 |
| 0°     | 763  | 1086   | 1715 | 2876   | 4908 | 7446   | 10798 | 15404  | 21710 | 28672  | 34424 |
| -2.5°  | 770  | 1101   | 1717 | 2840   | 4820 | 7434   | 10733 | 15208  | 21282 | 28298  | 34191 |
| -5°    | 773  | 1093   | 1674 | 2764   | 4663 | 7167   | 10303 | 14461  | 19974 | 26555  | 32526 |
| -7.5°  | 767  | 1064   | 1586 | 2579   | 4310 | 6697   | 9703  | 13352  | 17871 | 23673  | 29845 |
| -10°   | 746  | 1013   | 1467 | 2328   | 3825 | 5962   | 8769  | 11852  | 15462 | 20199  | 25200 |
| -12.5° | 709  | 937    | 1303 | 1952   | 3253 | 5131   | 7616  | 10342  | 13155 | 16268  | 20382 |
| -15°   | 664  | 859    | 1169 | 1723   | 2724 | 4257   | 6270  | 8572   | 10907 | 13291  | 15800 |
| -17.5° | 630  | 791    | 1032 | 1419   | 2091 | 3331   | 4941  | 6791   | 8685  | 10578  | 12268 |
| -20°   | 587  | 710    | 898  | 1199   | 1687 | 2421   | 3631  | 5071   | 6486  | 8030   | 9325  |

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REPORT NUMBER: P626974 (CONVERTED FROM TYPE C PHOTOMETRY)

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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° | 549  | 653    | 794  | 983    | 1312 | 1828   | 2518 | 3532   | 4607 | 5728   | 6792 |
| -25°   | 513  | 591    | 703  | 855    | 1051 | 1359   | 1814 | 2344   | 3099 | 3789   | 4578 |
| -27.5° | 482  | 548    | 624  | 736    | 885  | 1053   | 1333 | 1642   | 2038 | 2367   | 2894 |
| -30°   | 452  | 505    | 568  | 640    | 749  | 877    | 1027 | 1215   | 1408 | 1603   | 1855 |
| -32.5° | 425  | 469    | 518  | 576    | 644  | 740    | 833  | 953    | 1059 | 1176   | 1297 |
| -35°   | 398  | 437    | 477  | 524    | 576  | 639    | 709  | 788    | 859  | 929    | 992  |
| -37.5° | 374  | 407    | 442  | 479    | 521  | 565    | 620  | 676    | 723  | 769    | 808  |
| -40°   | 355  | 382    | 411  | 442    | 475  | 510    | 553  | 595    | 627  | 656    | 681  |
| -42.5° | 337  | 361    | 384  | 410    | 437  | 470    | 503  | 535    | 557  | 577    | 594  |
| -45°   | 320  | 340    | 361  | 383    | 405  | 434    | 462  | 487    | 504  | 520    | 532  |
| -47.5° | 301  | 320    | 339  | 359    | 380  | 403    | 426  | 444    | 460  | 473    | 482  |
| -50°   | 283  | 302    | 319  | 335    | 355  | 375    | 395  | 410    | 424  | 435    | 442  |
| -52.5° | 266  | 284    | 301  | 318    | 334  | 349    | 365  | 380    | 393  | 405    | 410  |
| -55°   | 249  | 267    | 282  | 298    | 313  | 328    | 342  | 355    | 367  | 379    | 382  |
| -57.5° | 232  | 250    | 267  | 279    | 292  | 306    | 319  | 332    | 344  | 354    | 358  |
| -60°   | 213  | 231    | 246  | 258    | 271  | 283    | 295  | 307    | 318  | 328    | 333  |
| -62.5° | 191  | 207    | 220  | 232    | 244  | 255    | 265  | 276    | 286  | 295    | 299  |
| -65°   | 164  | 178    | 191  | 203    | 213  | 223    | 233  | 242    | 251  | 258    | 262  |
| -67.5° | 141  | 151    | 162  | 173    | 183  | 193    | 202  | 210    | 218  | 224    | 227  |
| -70°   | 119  | 128    | 138  | 147    | 157  | 165    | 173  | 181    | 188  | 193    | 196  |
| -72.5° | 99   | 107    | 116  | 124    | 133  | 140    | 147  | 153    | 159  | 164    | 167  |
| -75°   | 80   | 87     | 95   | 102    | 109  | 115    | 120  | 126    | 131  | 135    | 138  |
| -77.5° | 64   | 69     | 74   | 80     | 85   | 90     | 95   | 99     | 103  | 106    | 108  |
| -80°   | 47   | 52     | 56   | 60     | 64   | 67     | 70   | 74     | 77   | 80     | 82   |
| -82.5° | 32   | 35     | 38   | 42     | 45   | 47     | 49   | 50     | 52   | 54     | 56   |
| -85°   | 18   | 20     | 22   | 24     | 26   | 28     | 29   | 30     | 31   | 33     | 34   |
| -87.5° | 7    | 8      | 9    | 10     | 11   | 11     | 11   | 11     | 12   | 12     | 13   |
| -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     | 1     |
| 62.5°  | 4     | 3     | 3     | 3     | 3     | 3     | 4     | 4     | 4     | 4     | 4     |
| 60°    | 13    | 12    | 12    | 12    | 12    | 12    | 13    | 14    | 14    | 16    | 17    |
| 57.5°  | 56    | 60    | 62    | 63    | 62    | 60    | 56    | 51    | 45    | 43    | 43    |
| 55°    | 85    | 88    | 88    | 87    | 88    | 88    | 85    | 81    | 77    | 73    | 69    |
| 52.5°  | 110   | 110   | 109   | 108   | 109   | 110   | 110   | 108   | 104   | 99    | 91    |
| 50°    | 152   | 152   | 152   | 153   | 152   | 152   | 152   | 150   | 144   | 134   | 124   |
| 47.5°  | 196   | 198   | 199   | 198   | 199   | 198   | 196   | 193   | 185   | 173   | 160   |
| 45°    | 234   | 237   | 238   | 236   | 238   | 237   | 234   | 230   | 220   | 208   | 194   |
| 42.5°  | 275   | 277   | 277   | 278   | 277   | 277   | 275   | 270   | 258   | 243   | 226   |
| 40°    | 329   | 331   | 330   | 329   | 330   | 331   | 329   | 323   | 311   | 292   | 272   |
| 37.5°  | 420   | 426   | 429   | 437   | 429   | 426   | 420   | 408   | 390   | 364   | 338   |
| 35°    | 562   | 578   | 586   | 599   | 586   | 578   | 562   | 537   | 505   | 470   | 425   |
| 32.5°  | 777   | 808   | 824   | 841   | 824   | 808   | 777   | 731   | 667   | 600   | 534   |
| 30°    | 1154  | 1216  | 1241  | 1287  | 1241  | 1216  | 1154  | 1061  | 926   | 808   | 690   |
| 27.5°  | 1932  | 2079  | 2136  | 2257  | 2136  | 2079  | 1932  | 1699  | 1381  | 1184  | 939   |
| 25°    | 3255  | 3570  | 3744  | 3882  | 3744  | 3570  | 3255  | 2810  | 2322  | 1889  | 1382  |
| 22.5°  | 5103  | 5565  | 5812  | 5995  | 5812  | 5565  | 5103  | 4407  | 3718  | 2995  | 2217  |
| 20°    | 7474  | 8084  | 8448  | 8712  | 8448  | 8084  | 7474  | 6546  | 5523  | 4466  | 3384  |
| 17.5°  | 11358 | 12317 | 12878 | 13360 | 12878 | 12317 | 11358 | 9664  | 8344  | 6952  | 5099  |
| 15°    | 16957 | 18884 | 20382 | 21217 | 20382 | 18884 | 16957 | 14309 | 11937 | 9839  | 7344  |
| 12.5°  | 22403 | 25226 | 26904 | 27675 | 26904 | 25226 | 22403 | 19118 | 15401 | 12217 | 9264  |
| 10°    | 27789 | 30451 | 32047 | 32329 | 32047 | 30451 | 27789 | 23902 | 19205 | 14699 | 10907 |
| 7.5°   | 31913 | 34840 | 36961 | 37731 | 36961 | 34840 | 31913 | 28222 | 22864 | 17598 | 12795 |
| 5°     | 35555 | 38983 | 41227 | 41511 | 41227 | 38983 | 35555 | 31135 | 25808 | 19764 | 14289 |
| 2.5°   | 38234 | 41960 | 44136 | 44884 | 44136 | 41960 | 38234 | 33324 | 27730 | 21089 | 15084 |
| 0°     | 39530 | 43543 | 45965 | 47054 | 45965 | 43543 | 39530 | 34424 | 28672 | 21710 | 15404 |
| -2.5°  | 39257 | 43408 | 46111 | 47533 | 46111 | 43408 | 39257 | 34191 | 28298 | 21282 | 15208 |
| -5°    | 37765 | 41928 | 44448 | 45959 | 44448 | 41928 | 37765 | 32526 | 26555 | 19974 | 14461 |
| -7.5°  | 34323 | 38216 | 40898 | 42292 | 40898 | 38216 | 34323 | 29845 | 23673 | 17871 | 13352 |
| -10°   | 29887 | 33182 | 35627 | 36815 | 35627 | 33182 | 29887 | 25200 | 20199 | 15462 | 11852 |
| -12.5° | 24123 | 27320 | 29526 | 30366 | 29526 | 27320 | 24123 | 20382 | 16268 | 13155 | 10342 |
| -15°   | 18483 | 20922 | 22489 | 22985 | 22489 | 20922 | 18483 | 15800 | 13291 | 10907 | 8572  |
| -17.5° | 14017 | 15330 | 16211 | 16449 | 16211 | 15330 | 14017 | 12268 | 10578 | 8685  | 6791  |
| -20°   | 10501 | 11315 | 11887 | 12022 | 11887 | 11315 | 10501 | 9325  | 8030  | 6486  | 5071  |

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REPORT NUMBER: P626974 (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° | 7651  | 8263 | 8725  | 8817 | 8725 | 8263 | 7651 | 6792 | 5728  | 4607 | 3532  |
| -25°   | 5278  | 5789 | 6103  | 6126 | 6103 | 5789 | 5278 | 4578 | 3789  | 3099 | 2344  |
| -27.5° | 3309  | 3590 | 3735  | 3786 | 3735 | 3590 | 3309 | 2894 | 2367  | 2038 | 1642  |
| -30°   | 2045  | 2174 | 2242  | 2245 | 2242 | 2174 | 2045 | 1855 | 1603  | 1408 | 1215  |
| -32.5° | 1388  | 1451 | 1485  | 1485 | 1485 | 1451 | 1388 | 1297 | 1176  | 1059 | 953   |
| -35°   | 1040  | 1072 | 1090  | 1092 | 1090 | 1072 | 1040 | 992  | 929   | 859  | 788   |
| -37.5° | 836   | 854  | 863   | 865  | 863  | 854  | 836  | 808  | 769   | 723  | 676   |
| -40°   | 699   | 711  | 719   | 724  | 719  | 711  | 699  | 681  | 656   | 627  | 595   |
| -42.5° | 605   | 613  | 616   | 614  | 616  | 613  | 605  | 594  | 577   | 557  | 535   |
| -45°   | 539   | 543  | 546   | 548  | 546  | 543  | 539  | 532  | 520   | 504  | 487   |
| -47.5° | 486   | 488  | 490   | 491  | 490  | 488  | 486  | 482  | 473   | 460  | 444   |
| -50°   | 445   | 447  | 447   | 446  | 447  | 447  | 445  | 442  | 435   | 424  | 410   |
| -52.5° | 411   | 412  | 413   | 413  | 413  | 412  | 411  | 410  | 405   | 393  | 380   |
| -55°   | 384   | 385  | 386   | 386  | 386  | 385  | 384  | 382  | 379   | 367  | 355   |
| -57.5° | 361   | 363  | 364   | 362  | 364  | 363  | 361  | 358  | 354   | 344  | 332   |
| -60°   | 336   | 339  | 341   | 341  | 341  | 339  | 336  | 333  | 328   | 318  | 307   |
| -62.5° | 303   | 306  | 308   | 308  | 308  | 306  | 303  | 299  | 295   | 286  | 276   |
| -65°   | 265   | 268  | 272   | 275  | 272  | 268  | 265  | 262  | 258   | 251  | 242   |
| -67.5° | 230   | 232  | 236   | 239  | 236  | 232  | 230  | 227  | 224   | 218  | 210   |
| -70°   | 200   | 202  | 203   | 204  | 203  | 202  | 200  | 196  | 193   | 188  | 181   |
| -72.5° | 170   | 173  | 173   | 174  | 173  | 173  | 170  | 167  | 164   | 159  | 153   |
| -75°   | 140   | 143  | 144   | 144  | 144  | 143  | 140  | 138  | 135   | 131  | 126   |
| -77.5° | 111   | 113  | 114   | 114  | 114  | 113  | 111  | 108  | 106   | 103  | 99    |
| -80°   | 84    | 86   | 85    | 84   | 85   | 86   | 84   | 82   | 80    | 77   | 74    |
| -82.5° | 58    | 60   | 58    | 57   | 58   | 60   | 58   | 56   | 54    | 52   | 50    |
| -85°   | 35    | 36   | 34    | 33   | 34   | 36   | 35   | 34   | 33    | 31   | 30    |
| -87.5° | 14    | 15   | 13    | 12   | 13   | 15   | 14   | 13   | 12    | 12   | 11    |
| -90°   | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     |



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CATALOG NUMBER: GFLD-SA2D-735-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 20°   | 22.5° | 25°  | 27.5° | 30°  | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|
| 90°    | 0     | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 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°    | 1     | 1     | 0    | 0     | 0    | 0     | 0   | 0     | 0   | 0     | 0   |
| 62.5°  | 4     | 4     | 3    | 3     | 2    | 1     | 1   | 1     | 1   | 0     | 1   |
| 60°    | 15    | 10    | 13   | 14    | 11   | 7     | 8   | 6     | 3   | 3     | 2   |
| 57.5°  | 44    | 42    | 35   | 31    | 30   | 26    | 21  | 17    | 14  | 9     | 6   |
| 55°    | 66    | 62    | 56   | 50    | 44   | 41    | 37  | 31    | 26  | 20    | 15  |
| 52.5°  | 83    | 81    | 76   | 68    | 62   | 57    | 50  | 45    | 40  | 34    | 26  |
| 50°    | 115   | 109   | 102  | 95    | 86   | 78    | 71  | 62    | 53  | 48    | 41  |
| 47.5°  | 148   | 141   | 134  | 125   | 113  | 103   | 93  | 83    | 71  | 60    | 54  |
| 45°    | 180   | 169   | 159  | 149   | 138  | 125   | 114 | 103   | 90  | 77    | 65  |
| 42.5°  | 212   | 195   | 180  | 172   | 158  | 145   | 133 | 122   | 108 | 94    | 81  |
| 40°    | 251   | 227   | 211  | 199   | 186  | 166   | 154 | 141   | 127 | 110   | 97  |
| 37.5°  | 306   | 273   | 254  | 238   | 221  | 200   | 180 | 164   | 147 | 130   | 114 |
| 35°    | 381   | 340   | 303  | 279   | 261  | 235   | 211 | 190   | 170 | 151   | 131 |
| 32.5°  | 462   | 411   | 359  | 322   | 293  | 266   | 240 | 217   | 193 | 172   | 151 |
| 30°    | 581   | 497   | 425  | 366   | 328  | 296   | 266 | 240   | 215 | 191   | 171 |
| 27.5°  | 767   | 613   | 514  | 425   | 365  | 327   | 294 | 263   | 235 | 209   | 187 |
| 25°    | 1075  | 806   | 632  | 509   | 414  | 361   | 324 | 288   | 255 | 227   | 203 |
| 22.5°  | 1549  | 1130  | 817  | 612   | 492  | 417   | 361 | 314   | 275 | 247   | 221 |
| 20°    | 2371  | 1576  | 1095 | 800   | 610  | 482   | 406 | 348   | 305 | 270   | 239 |
| 17.5°  | 3651  | 2469  | 1457 | 1040  | 769  | 587   | 465 | 388   | 334 | 291   | 257 |
| 15°    | 5127  | 3475  | 2173 | 1387  | 949  | 673   | 520 | 427   | 365 | 315   | 275 |
| 12.5°  | 6621  | 4514  | 2793 | 1671  | 1101 | 770   | 584 | 472   | 396 | 336   | 289 |
| 10°    | 7804  | 5443  | 3441 | 2078  | 1295 | 868   | 640 | 507   | 417 | 352   | 302 |
| 7.5°   | 9021  | 6205  | 3986 | 2384  | 1457 | 950   | 683 | 534   | 435 | 366   | 313 |
| 5°     | 9910  | 6824  | 4449 | 2624  | 1584 | 1014  | 717 | 556   | 449 | 377   | 322 |
| 2.5°   | 10517 | 7246  | 4763 | 2772  | 1668 | 1059  | 743 | 573   | 462 | 384   | 328 |
| 0°     | 10798 | 7446  | 4908 | 2876  | 1715 | 1086  | 763 | 584   | 473 | 389   | 332 |
| -2.5°  | 10733 | 7434  | 4820 | 2840  | 1717 | 1101  | 770 | 586   | 476 | 394   | 336 |
| -5°    | 10303 | 7167  | 4663 | 2764  | 1674 | 1093  | 773 | 588   | 477 | 397   | 337 |
| -7.5°  | 9703  | 6697  | 4310 | 2579  | 1586 | 1064  | 767 | 587   | 476 | 398   | 339 |
| -10°   | 8769  | 5962  | 3825 | 2328  | 1467 | 1013  | 746 | 577   | 471 | 396   | 338 |
| -12.5° | 7616  | 5131  | 3253 | 1952  | 1303 | 937   | 709 | 559   | 462 | 390   | 335 |
| -15°   | 6270  | 4257  | 2724 | 1723  | 1169 | 859   | 664 | 535   | 450 | 382   | 330 |
| -17.5° | 4941  | 3331  | 2091 | 1419  | 1032 | 791   | 630 | 518   | 437 | 373   | 325 |
| -20°   | 3631  | 2421  | 1687 | 1199  | 898  | 710   | 587 | 495   | 422 | 366   | 321 |

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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° | 2518 | 1828  | 1312 | 983   | 794 | 653   | 549 | 469   | 404 | 356   | 315 |
| -25°   | 1814 | 1359  | 1051 | 855   | 703 | 591   | 513 | 446   | 391 | 346   | 306 |
| -27.5° | 1333 | 1053  | 885  | 736   | 624 | 548   | 482 | 424   | 376 | 334   | 298 |
| -30°   | 1027 | 877   | 749  | 640   | 568 | 505   | 452 | 404   | 361 | 322   | 289 |
| -32.5° | 833  | 740   | 644  | 576   | 518 | 469   | 425 | 383   | 344 | 311   | 279 |
| -35°   | 709  | 639   | 576  | 524   | 477 | 437   | 398 | 362   | 329 | 298   | 267 |
| -37.5° | 620  | 565   | 521  | 479   | 442 | 407   | 374 | 344   | 313 | 283   | 255 |
| -40°   | 553  | 510   | 475  | 442   | 411 | 382   | 355 | 327   | 298 | 268   | 243 |
| -42.5° | 503  | 470   | 437  | 410   | 384 | 361   | 337 | 310   | 283 | 256   | 233 |
| -45°   | 462  | 434   | 405  | 383   | 361 | 340   | 320 | 295   | 269 | 245   | 222 |
| -47.5° | 426  | 403   | 380  | 359   | 339 | 320   | 301 | 279   | 256 | 234   | 210 |
| -50°   | 395  | 375   | 355  | 335   | 319 | 302   | 283 | 264   | 242 | 220   | 199 |
| -52.5° | 365  | 349   | 334  | 318   | 301 | 284   | 266 | 247   | 226 | 206   | 188 |
| -55°   | 342  | 328   | 313  | 298   | 282 | 267   | 249 | 230   | 212 | 194   | 175 |
| -57.5° | 319  | 306   | 292  | 279   | 267 | 250   | 232 | 215   | 196 | 179   | 160 |
| -60°   | 295  | 283   | 271  | 258   | 246 | 231   | 213 | 196   | 179 | 162   | 145 |
| -62.5° | 265  | 255   | 244  | 232   | 220 | 207   | 191 | 175   | 160 | 146   | 130 |
| -65°   | 233  | 223   | 213  | 203   | 191 | 178   | 164 | 152   | 141 | 129   | 115 |
| -67.5° | 202  | 193   | 183  | 173   | 162 | 151   | 141 | 131   | 121 | 110   | 97  |
| -70°   | 173  | 165   | 157  | 147   | 138 | 128   | 119 | 110   | 100 | 90    | 80  |
| -72.5° | 147  | 140   | 133  | 124   | 116 | 107   | 99  | 91    | 82  | 73    | 65  |
| -75°   | 120  | 115   | 109  | 102   | 95  | 87    | 80  | 73    | 67  | 60    | 53  |
| -77.5° | 95   | 90    | 85   | 80    | 74  | 69    | 64  | 58    | 53  | 47    | 41  |
| -80°   | 70   | 67    | 64   | 60    | 56  | 52    | 47  | 43    | 38  | 34    | 30  |
| -82.5° | 49   | 47    | 45   | 42    | 38  | 35    | 32  | 29    | 26  | 23    | 20  |
| -85°   | 29   | 28    | 26   | 24    | 22  | 20    | 18  | 17    | 15  | 13    | 11  |
| -87.5° | 11   | 11    | 11   | 10    | 9   | 8     | 7   | 7     | 6   | 5     | 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     | 0   | 0     | 0   | 0     | 0   | 0     |
| 62.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 60°    | 2     | 1   | 1     | 1   | 0     | 0   | 0     | 1   | 1     | 0   | 0     |
| 57.5°  | 5     | 3   | 2     | 2   | 1     | 1   | 0     | 1   | 1     | 1   | 0     |
| 55°    | 10    | 7   | 4     | 3   | 2     | 2   | 1     | 1   | 2     | 1   | 0     |
| 52.5°  | 19    | 13  | 9     | 5   | 3     | 3   | 2     | 1   | 2     | 2   | 1     |
| 50°    | 31    | 22  | 15    | 10  | 4     | 4   | 3     | 2   | 2     | 3   | 2     |
| 47.5°  | 45    | 33  | 23    | 15  | 9     | 5   | 4     | 3   | 2     | 3   | 2     |
| 45°    | 58    | 47  | 33    | 23  | 15    | 9   | 6     | 3   | 3     | 3   | 3     |
| 42.5°  | 70    | 59  | 46    | 30  | 21    | 13  | 8     | 5   | 3     | 3   | 3     |
| 40°    | 84    | 71  | 59    | 42  | 29    | 18  | 12    | 7   | 3     | 3   | 3     |
| 37.5°  | 99    | 85  | 70    | 54  | 37    | 25  | 15    | 10  | 4     | 4   | 3     |
| 35°    | 115   | 99  | 81    | 64  | 47    | 32  | 19    | 13  | 7     | 4   | 3     |
| 32.5°  | 130   | 112 | 92    | 74  | 55    | 39  | 24    | 16  | 10    | 6   | 3     |
| 30°    | 147   | 124 | 103   | 84  | 64    | 46  | 31    | 20  | 13    | 7   | 3     |
| 27.5°  | 163   | 135 | 113   | 93  | 72    | 53  | 37    | 24  | 15    | 8   | 4     |
| 25°    | 179   | 149 | 123   | 101 | 81    | 60  | 44    | 28  | 18    | 11  | 5     |
| 22.5°  | 193   | 163 | 133   | 109 | 90    | 68  | 50    | 33  | 21    | 13  | 6     |
| 20°    | 208   | 176 | 143   | 119 | 98    | 75  | 56    | 39  | 25    | 15  | 8     |
| 17.5°  | 223   | 189 | 157   | 130 | 106   | 83  | 61    | 43  | 28    | 16  | 9     |
| 15°    | 237   | 202 | 169   | 140 | 115   | 89  | 67    | 47  | 31    | 18  | 10    |
| 12.5°  | 250   | 214 | 180   | 150 | 123   | 95  | 72    | 51  | 35    | 20  | 12    |
| 10°    | 261   | 224 | 189   | 158 | 130   | 101 | 76    | 55  | 38    | 21  | 13    |
| 7.5°   | 271   | 233 | 197   | 166 | 137   | 106 | 80    | 58  | 41    | 23  | 15    |
| 5°     | 279   | 241 | 203   | 171 | 142   | 111 | 84    | 61  | 43    | 24  | 16    |
| 2.5°   | 284   | 245 | 208   | 176 | 146   | 116 | 87    | 64  | 46    | 26  | 17    |
| 0°     | 287   | 248 | 212   | 180 | 150   | 120 | 90    | 66  | 48    | 27  | 18    |
| -2.5°  | 291   | 252 | 217   | 183 | 153   | 124 | 93    | 68  | 50    | 30  | 18    |
| -5°    | 292   | 253 | 219   | 186 | 156   | 127 | 95    | 69  | 51    | 32  | 19    |
| -7.5°  | 294   | 255 | 222   | 188 | 158   | 129 | 96    | 70  | 52    | 34  | 19    |
| -10°   | 294   | 257 | 223   | 190 | 159   | 130 | 98    | 71  | 53    | 36  | 19    |
| -12.5° | 293   | 257 | 224   | 191 | 160   | 131 | 99    | 73  | 54    | 37  | 19    |
| -15°   | 291   | 257 | 224   | 190 | 160   | 131 | 100   | 74  | 55    | 37  | 19    |
| -17.5° | 287   | 256 | 222   | 189 | 159   | 130 | 101   | 75  | 55    | 36  | 20    |
| -20°   | 284   | 253 | 219   | 186 | 158   | 130 | 101   | 75  | 55    | 36  | 21    |

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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° | 280   | 248 | 215   | 183 | 156   | 129 | 100   | 74  | 54    | 35  | 22    |
| -25°   | 274   | 242 | 211   | 181 | 154   | 127 | 99    | 72  | 53    | 34  | 22    |
| -27.5° | 267   | 235 | 206   | 177 | 151   | 125 | 96    | 70  | 51    | 33  | 22    |
| -30°   | 258   | 229 | 201   | 173 | 147   | 121 | 92    | 68  | 50    | 33  | 22    |
| -32.5° | 249   | 223 | 196   | 168 | 142   | 117 | 88    | 65  | 48    | 33  | 22    |
| -35°   | 240   | 215 | 189   | 162 | 137   | 111 | 84    | 62  | 46    | 32  | 22    |
| -37.5° | 231   | 207 | 181   | 155 | 132   | 106 | 82    | 60  | 44    | 32  | 21    |
| -40°   | 221   | 198 | 172   | 149 | 125   | 100 | 78    | 59  | 43    | 30  | 21    |
| -42.5° | 211   | 187 | 164   | 142 | 119   | 96  | 75    | 57  | 41    | 29  | 20    |
| -45°   | 200   | 177 | 157   | 135 | 113   | 92  | 72    | 54  | 39    | 28  | 19    |
| -47.5° | 189   | 169 | 148   | 127 | 107   | 87  | 68    | 51  | 37    | 27  | 18    |
| -50°   | 180   | 160 | 139   | 118 | 100   | 82  | 63    | 48  | 35    | 26  | 17    |
| -52.5° | 169   | 148 | 128   | 110 | 93    | 75  | 58    | 44  | 33    | 24  | 16    |
| -55°   | 156   | 136 | 117   | 101 | 85    | 69  | 53    | 40  | 30    | 22  | 14    |
| -57.5° | 142   | 123 | 107   | 92  | 76    | 61  | 48    | 37  | 28    | 20  | 13    |
| -60°   | 128   | 112 | 97    | 82  | 67    | 54  | 43    | 33  | 25    | 18  | 12    |
| -62.5° | 115   | 100 | 86    | 72  | 59    | 48  | 38    | 30  | 22    | 16  | 11    |
| -65°   | 100   | 87  | 74    | 62  | 51    | 41  | 33    | 26  | 20    | 14  | 10    |
| -67.5° | 84    | 73  | 63    | 52  | 43    | 35  | 28    | 23  | 17    | 12  | 9     |
| -70°   | 70    | 61  | 52    | 43  | 36    | 29  | 24    | 20  | 15    | 11  | 8     |
| -72.5° | 57    | 50  | 42    | 34  | 30    | 25  | 21    | 16  | 12    | 9   | 7     |
| -75°   | 46    | 39  | 33    | 28  | 24    | 20  | 17    | 13  | 10    | 7   | 6     |
| -77.5° | 36    | 31  | 26    | 22  | 19    | 16  | 13    | 10  | 8     | 6   | 5     |
| -80°   | 26    | 23  | 20    | 17  | 15    | 12  | 9     | 7   | 6     | 5   | 4     |
| -82.5° | 17    | 16  | 14    | 12  | 10    | 8   | 6     | 5   | 4     | 3   | 3     |
| -85°   | 10    | 9   | 8     | 7   | 6     | 4   | 3     | 3   | 2     | 2   | 2     |
| -87.5° | 4     | 4   | 4     | 3   | 3     | 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     | 0   | 0     | 0   | 0     | 0   |
| 60°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 57.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 55°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 52.5°  | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| 50°    | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| 47.5°  | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 45°    | 2   | 1     | 0   | 0     | 0   | 0     | 0   |
| 42.5°  | 2   | 1     | 0   | 0     | 0   | 0     | 0   |
| 40°    | 2   | 2     | 0   | 0     | 0   | 0     | 0   |
| 37.5°  | 3   | 2     | 0   | 0     | 0   | 0     | 0   |
| 35°    | 3   | 2     | 1   | 0     | 0   | 0     | 0   |
| 32.5°  | 3   | 3     | 1   | 0     | 0   | 0     | 0   |
| 30°    | 3   | 3     | 1   | 0     | 0   | 0     | 0   |
| 27.5°  | 3   | 3     | 2   | 0     | 0   | 0     | 0   |
| 25°    | 3   | 3     | 2   | 0     | 0   | 0     | 0   |
| 22.5°  | 3   | 3     | 2   | 0     | 0   | 0     | 0   |
| 20°    | 3   | 3     | 2   | 0     | 0   | 0     | 0   |
| 17.5°  | 3   | 3     | 2   | 0     | 0   | 0     | 0   |
| 15°    | 3   | 3     | 3   | 0     | 0   | 0     | 0   |
| 12.5°  | 4   | 3     | 3   | 0     | 0   | 0     | 0   |
| 10°    | 4   | 3     | 3   | 0     | 0   | 0     | 0   |
| 7.5°   | 5   | 3     | 3   | 0     | 0   | 0     | 0   |
| 5°     | 5   | 3     | 3   | 0     | 0   | 0     | 0   |
| 2.5°   | 6   | 3     | 3   | 0     | 0   | 0     | 0   |
| 0°     | 6   | 3     | 3   | 0     | 0   | 0     | 0   |
| -2.5°  | 7   | 3     | 3   | 0     | 0   | 0     | 0   |
| -5°    | 8   | 4     | 3   | 0     | 0   | 0     | 0   |
| -7.5°  | 9   | 4     | 3   | 1     | 0   | 0     | 0   |
| -10°   | 10  | 4     | 3   | 1     | 0   | 0     | 0   |
| -12.5° | 11  | 4     | 3   | 1     | 0   | 0     | 0   |
| -15°   | 12  | 5     | 3   | 1     | 0   | 0     | 0   |
| -17.5° | 12  | 5     | 3   | 1     | 0   | 0     | 0   |
| -20°   | 12  | 5     | 3   | 1     | 0   | 0     | 0   |

Classified

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

Scaled Data Report



REPORT NUMBER: P626974 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 12  | 5     | 3   | 1     | 0   | 0     | 0   |
| -25°   | 12  | 5     | 3   | 1     | 0   | 0     | 0   |
| -27.5° | 12  | 6     | 3   | 1     | 0   | 0     | 0   |
| -30°   | 12  | 6     | 3   | 1     | 0   | 0     | 0   |
| -32.5° | 12  | 6     | 3   | 1     | 0   | 0     | 0   |
| -35°   | 12  | 6     | 4   | 1     | 0   | 0     | 0   |
| -37.5° | 12  | 6     | 4   | 1     | 0   | 0     | 0   |
| -40°   | 12  | 6     | 4   | 1     | 0   | 0     | 0   |
| -42.5° | 12  | 7     | 4   | 1     | 0   | 0     | 0   |
| -45°   | 11  | 7     | 4   | 1     | 0   | 0     | 0   |
| -47.5° | 11  | 7     | 4   | 0     | 0   | 0     | 0   |
| -50°   | 10  | 6     | 3   | 0     | 0   | 0     | 0   |
| -52.5° | 10  | 6     | 3   | 1     | 0   | 0     | 0   |
| -55°   | 9   | 6     | 3   | 1     | 0   | 0     | 0   |
| -57.5° | 9   | 5     | 2   | 1     | 0   | 0     | 0   |
| -60°   | 8   | 5     | 2   | 1     | 0   | 0     | 0   |
| -62.5° | 7   | 5     | 2   | 1     | 0   | 0     | 0   |
| -65°   | 7   | 4     | 2   | 1     | 0   | 0     | 0   |
| -67.5° | 6   | 4     | 2   | 1     | 0   | 0     | 0   |
| -70°   | 6   | 3     | 2   | 1     | 0   | 0     | 0   |
| -72.5° | 5   | 3     | 2   | 1     | 0   | 0     | 0   |
| -75°   | 4   | 3     | 1   | 1     | 0   | 0     | 0   |
| -77.5° | 4   | 2     | 1   | 0     | 0   | 0     | 0   |
| -80°   | 3   | 2     | 1   | 0     | 0   | 0     | 0   |
| -82.5° | 2   | 1     | 1   | 0     | 0   | 0     | 0   |
| -85°   | 2   | 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)