

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: P627274 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627274 (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-SA3E-735-U-MR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

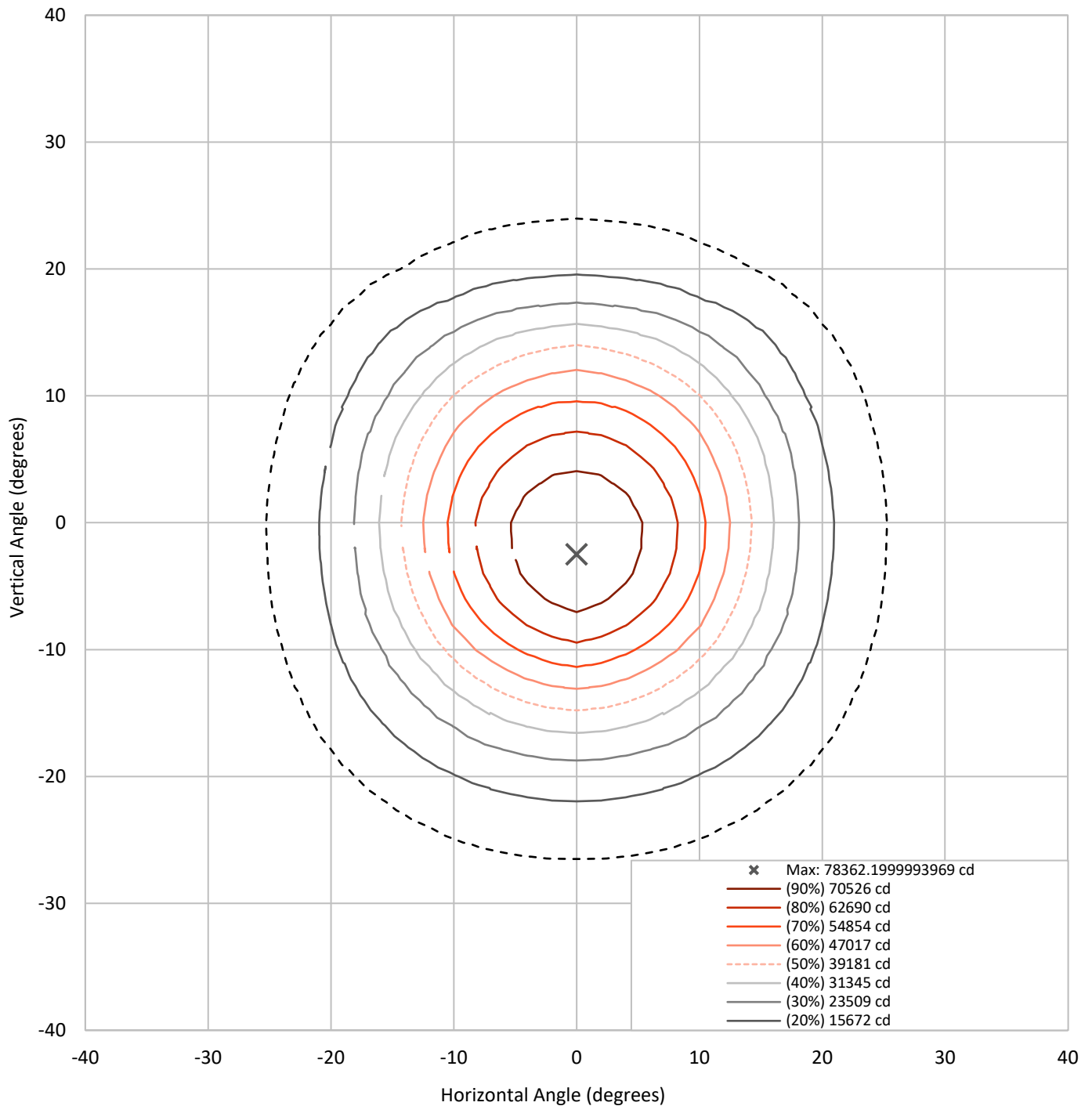
**Summary**

|                                   |  |                      |                 |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                                    | NEMA Type:           | 4H x 4V         |
| Luminaire Lumens:                 | 22225.2 lumens                         | Max Intensity:       | 78362.2 candela |
| Efficiency:                       | N/A                                    | Max Intensity Angle: | 0°H x -2.5°V    |
| Efficacy:                         | 120.0 lumens/watt                      |                      |                 |
| Luminous Opening:                 | Rectangular (W 1.5' 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:                      | 11112.8 lumens                         | Field Lumens:        | 19095.6 lumens  |
| Beam Efficiency:                  | 50.0%                                  | Field Efficiency:    | 85.9%           |
| Input Watts (W):                  | 185.2                                  |                      |                 |
| Input Voltage (V):                | 120                                    |                      |                 |
| Input Current (Ain):              | NR                                     |                      |                 |
| Voltage Rise (V):                 | NR                                     |                      |                 |
| Power Factor:                     | NR                                     |                      |                 |
| Total Harmonic Distortion (THDi): | NR                                     |                      |                 |
| Frequency (hertz):                | 60                                     |                      |                 |
| Stabilization Time:               | NR                                     |                      |                 |
| Operation Time:                   | NR                                     |                      |                 |
| Ambient Temperature (°C):         | NR                                     |                      |                 |
| Test Distance:                    | 25 FT                                  |                      |                 |



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### Iso-Candela Plot





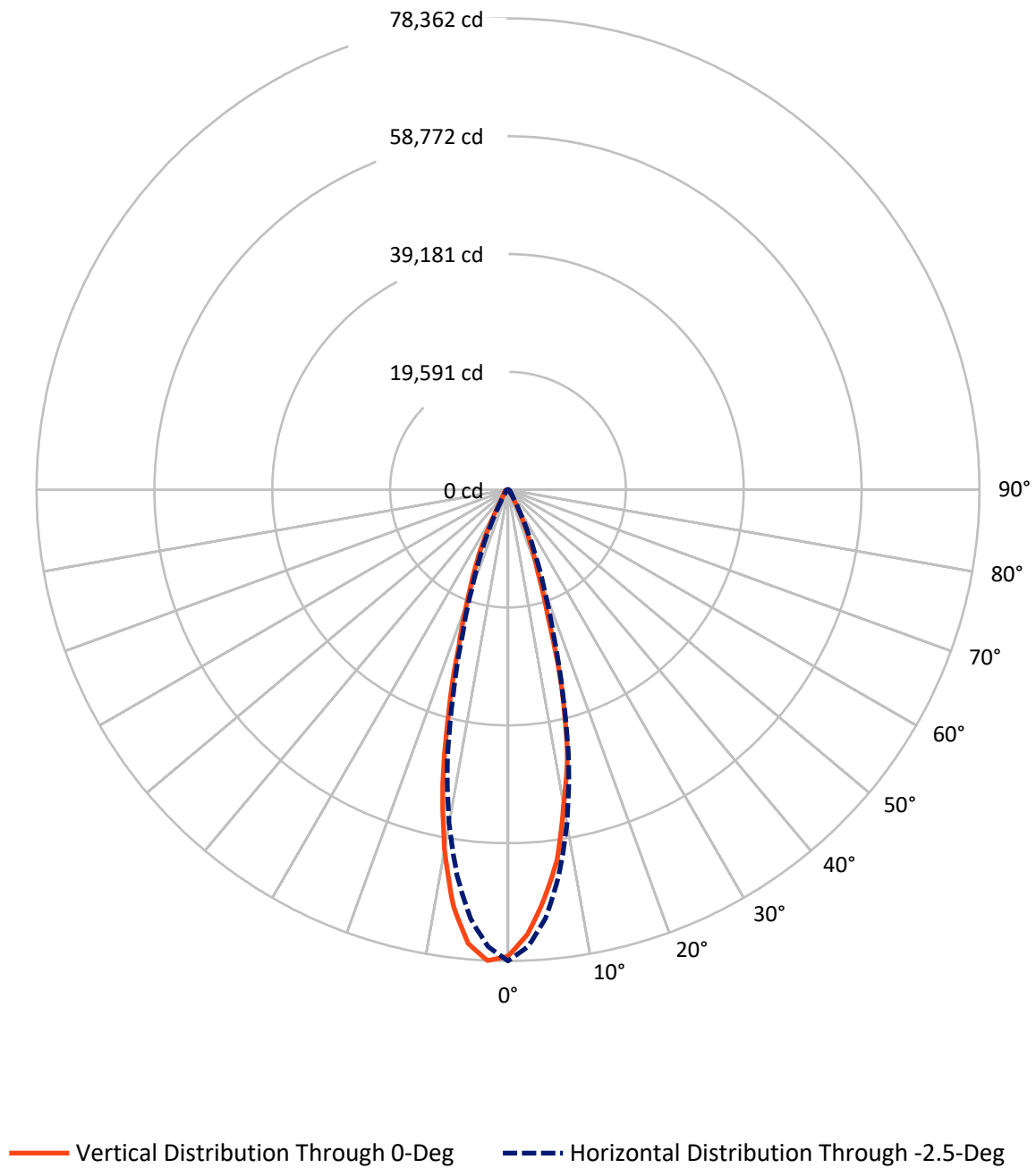
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### Lumen Table

|     |     |     |     |      |      |       |       |        |        |       |       |      |      |     |     |    |    |    |    |
|-----|-----|-----|-----|------|------|-------|-------|--------|--------|-------|-------|------|------|-----|-----|----|----|----|----|
| 90  |     |     |     |      |      |       |       |        |        |       |       |      |      |     |     |    |    |    |    |
| 80  | 0.0 | 0.0 |     | 0.0  |      | 0.0   |       | 0.0    |        | 0.0   |       | 0.0  |      | 0.0 |     |    |    |    |    |
| 70  | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.1   | 0.1   | 0.1    | 0.1    | 0.1   | 0.1   | 0.0  | 0.0  | 0.0 | 0.0 |    |    |    |    |
| 60  |     | 0.0 | 0.1 | 0.6  | 1.5  | 2.5   | 3.5   | 4.2    | 4.2    | 3.5   | 2.5   | 1.5  | 0.6  | 0.1 | 0.0 |    |    |    |    |
| 50  | 0.1 | 0.1 | 0.8 | 2.4  | 4.7  | 7.2   | 10.1  | 11.8   | 11.8   | 10.1  | 7.2   | 4.7  | 2.4  | 0.8 | 0.1 |    |    |    |    |
| 40  |     | 0.3 | 1.9 | 4.8  | 8.7  | 14.4  | 24.0  | 32.0   | 32.0   | 24.0  | 14.4  | 8.7  | 4.8  | 1.9 | 0.3 |    |    |    |    |
| 30  | 0.2 | 0.7 | 3.0 | 7.3  | 13.8 | 33.6  | 105.5 | 193.5  | 193.5  | 105.5 | 33.6  | 13.8 | 7.3  | 3.0 | 0.7 |    |    |    |    |
| 20  |     | 1.1 | 4.1 | 9.9  | 23.6 | 115.8 | 470.7 | 921.6  | 921.6  | 470.7 | 115.8 | 23.6 | 9.9  | 4.1 | 1.1 |    |    |    |    |
| 10  | 0.3 | 1.4 | 5.0 | 11.8 | 33.9 | 220.6 | 950.4 | 1862.8 | 1862.8 | 950.4 | 220.6 | 33.9 | 11.8 | 5.0 | 1.4 |    |    |    |    |
| 0   |     | 1.6 | 5.5 | 12.4 | 36.2 | 231.1 | 975.2 | 1975.2 | 1975.2 | 975.2 | 231.1 | 36.2 | 12.4 | 5.5 | 1.6 |    |    |    |    |
| -10 | 0.4 | 1.7 | 5.6 | 12.1 | 29.8 | 141.9 | 539.3 | 1045.3 | 1045.3 | 539.3 | 141.9 | 29.8 | 12.1 | 5.6 | 1.7 |    |    |    |    |
| -20 |     | 1.7 | 5.3 | 11.1 | 21.8 | 55.1  | 167.0 | 298.0  | 298.0  | 167.0 | 55.1  | 21.8 | 11.1 | 5.3 | 1.7 |    |    |    |    |
| -30 | 0.4 | 1.5 | 4.7 | 9.6  | 16.6 | 27.2  | 44.4  | 59.4   | 59.4   | 44.4  | 27.2  | 16.6 | 9.6  | 4.7 | 1.5 |    |    |    |    |
| -40 |     | 1.2 | 3.9 | 7.9  | 13.1 | 18.7  | 24.7  | 27.7   | 27.7   | 24.7  | 18.7  | 13.1 | 7.9  | 3.9 | 1.2 |    |    |    |    |
| -50 | 0.3 | 0.9 | 2.9 | 6.2  | 10.2 | 14.2  | 17.8  | 19.4   | 19.4   | 17.8  | 14.2  | 10.2 | 6.2  | 2.9 | 0.9 |    |    |    |    |
| -60 |     | 0.6 | 1.8 | 4.1  | 6.8  | 9.7   | 12.1  | 13.4   | 13.4   | 12.1  | 9.7   | 6.8  | 4.1  | 1.8 | 0.6 |    |    |    |    |
| -70 | 0.1 | 1.4 |     | 6.6  |      | 14.2  |       | 17.9   |        | 14.2  |       | 6.6  |      | 1.4 |     |    |    |    |    |
| -80 |     | 1.4 |     | 6.6  |      | 14.2  |       | 17.9   |        | 14.2  |       | 6.6  |      | 1.4 |     |    |    |    |    |
| -90 |     |     |     |      |      |       |       |        |        |       |       |      |      |     |     |    |    |    |    |
|     | -90 | -80 | -70 | -60  | -50  | -40   | -30   | -20    | -10    | 0     | 10    | 20   | 30   | 40  | 50  | 60 | 70 | 80 | 90 |

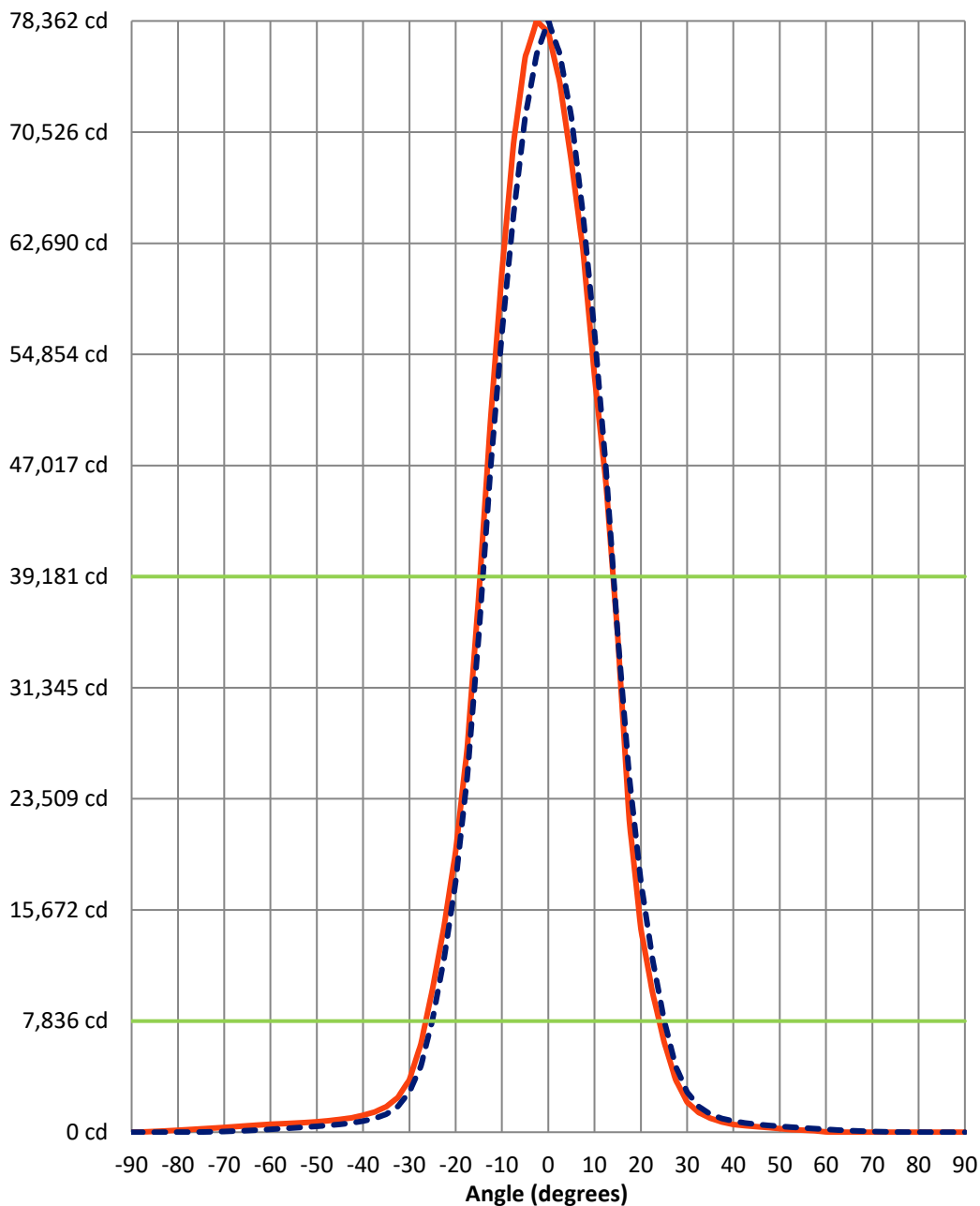
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 11112.8  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 19095.6  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 3129.6  
 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      | 1    |
| 60°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    |
| 57.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 2      | 2    |
| 55°    | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 0      | 2    | 3      | 2    |
| 52.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 4    | 3      | 2    |
| 50°    | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 3      | 5    | 4      | 3    |
| 47.5°  | 0    | 0      | 0    | 0      | 0    | 1      | 2    | 4      | 5    | 4      | 4    |
| 45°    | 0    | 0      | 0    | 0      | 0    | 2      | 3    | 5      | 5    | 4      | 5    |
| 42.5°  | 0    | 0      | 0    | 0      | 0    | 2      | 3    | 5      | 5    | 5      | 8    |
| 40°    | 0    | 0      | 0    | 0      | 0    | 3      | 4    | 5      | 5    | 5      | 12   |
| 37.5°  | 0    | 0      | 0    | 0      | 1    | 3      | 4    | 5      | 6    | 7      | 16   |
| 35°    | 0    | 0      | 0    | 0      | 1    | 4      | 5    | 5      | 7    | 12     | 21   |
| 32.5°  | 0    | 0      | 0    | 0      | 2    | 4      | 5    | 5      | 9    | 16     | 27   |
| 30°    | 0    | 0      | 0    | 0      | 2    | 4      | 5    | 5      | 11   | 21     | 33   |
| 27.5°  | 0    | 0      | 0    | 0      | 3    | 5      | 5    | 7      | 14   | 25     | 39   |
| 25°    | 0    | 0      | 0    | 0      | 3    | 5      | 5    | 8      | 17   | 30     | 46   |
| 22.5°  | 0    | 0      | 0    | 0      | 3    | 5      | 5    | 10     | 21   | 35     | 55   |
| 20°    | 0    | 0      | 0    | 0      | 4    | 5      | 5    | 12     | 24   | 41     | 63   |
| 17.5°  | 0    | 0      | 0    | 0      | 4    | 5      | 5    | 14     | 27   | 46     | 71   |
| 15°    | 0    | 0      | 0    | 0      | 4    | 5      | 6    | 17     | 30   | 52     | 78   |
| 12.5°  | 0    | 0      | 0    | 0      | 4    | 5      | 6    | 19     | 33   | 57     | 84   |
| 10°    | 0    | 0      | 0    | 0      | 5    | 5      | 7    | 22     | 35   | 62     | 90   |
| 7.5°   | 0    | 0      | 0    | 0      | 5    | 5      | 8    | 24     | 38   | 67     | 95   |
| 5°     | 0    | 0      | 0    | 0      | 5    | 5      | 8    | 26     | 40   | 72     | 100  |
| 2.5°   | 0    | 0      | 0    | 0      | 5    | 5      | 9    | 28     | 42   | 76     | 105  |
| 0°     | 0    | 0      | 0    | 0      | 5    | 5      | 10   | 30     | 44   | 79     | 108  |
| -2.5°  | 0    | 0      | 0    | 0      | 5    | 5      | 12   | 30     | 49   | 82     | 112  |
| -5°    | 0    | 0      | 0    | 1      | 5    | 6      | 14   | 31     | 53   | 84     | 114  |
| -7.5°  | 0    | 0      | 0    | 1      | 5    | 6      | 15   | 31     | 56   | 86     | 116  |
| -10°   | 0    | 0      | 0    | 1      | 5    | 7      | 17   | 31     | 59   | 87     | 117  |
| -12.5° | 0    | 0      | 0    | 1      | 5    | 7      | 18   | 31     | 60   | 89     | 120  |
| -15°   | 0    | 0      | 0    | 2      | 5    | 8      | 19   | 32     | 61   | 90     | 122  |
| -17.5° | 0    | 0      | 0    | 2      | 5    | 8      | 20   | 33     | 60   | 90     | 124  |
| -20°   | 0    | 0      | 0    | 2      | 5    | 8      | 20   | 34     | 59   | 90     | 123  |

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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    | 2      | 5    | 8      | 20   | 36     | 58   | 89     | 122  |
| -25°   | 0    | 0      | 0    | 2      | 5    | 8      | 21   | 36     | 56   | 87     | 118  |
| -27.5° | 0    | 0      | 0    | 2      | 5    | 9      | 21   | 37     | 54   | 85     | 116  |
| -30°   | 0    | 0      | 0    | 2      | 5    | 10     | 20   | 37     | 54   | 82     | 112  |
| -32.5° | 0    | 0      | 0    | 2      | 5    | 10     | 20   | 37     | 54   | 79     | 108  |
| -35°   | 0    | 0      | 0    | 2      | 6    | 10     | 20   | 36     | 53   | 76     | 102  |
| -37.5° | 0    | 0      | 0    | 2      | 6    | 10     | 20   | 35     | 52   | 72     | 100  |
| -40°   | 0    | 0      | 0    | 1      | 6    | 10     | 20   | 34     | 50   | 70     | 97   |
| -42.5° | 0    | 0      | 0    | 1      | 6    | 11     | 19   | 33     | 48   | 68     | 93   |
| -45°   | 0    | 0      | 0    | 1      | 6    | 11     | 19   | 31     | 47   | 65     | 89   |
| -47.5° | 0    | 0      | 0    | 1      | 6    | 11     | 17   | 30     | 45   | 61     | 84   |
| -50°   | 0    | 0      | 0    | 1      | 5    | 10     | 17   | 28     | 42   | 58     | 78   |
| -52.5° | 0    | 0      | 0    | 1      | 5    | 10     | 16   | 26     | 39   | 54     | 72   |
| -55°   | 0    | 0      | 0    | 1      | 5    | 9      | 15   | 23     | 36   | 50     | 67   |
| -57.5° | 0    | 0      | 0    | 1      | 4    | 9      | 14   | 22     | 32   | 46     | 61   |
| -60°   | 0    | 0      | 0    | 1      | 4    | 8      | 13   | 20     | 29   | 41     | 55   |
| -62.5° | 0    | 0      | 0    | 1      | 4    | 8      | 12   | 18     | 26   | 36     | 49   |
| -65°   | 0    | 0      | 0    | 1      | 3    | 7      | 11   | 16     | 23   | 32     | 42   |
| -67.5° | 0    | 0      | 0    | 1      | 3    | 6      | 10   | 14     | 20   | 28     | 37   |
| -70°   | 0    | 0      | 0    | 1      | 3    | 6      | 9    | 13     | 18   | 24     | 32   |
| -72.5° | 0    | 0      | 0    | 1      | 3    | 5      | 8    | 11     | 15   | 20     | 27   |
| -75°   | 0    | 0      | 0    | 1      | 2    | 4      | 7    | 10     | 12   | 16     | 22   |
| -77.5° | 0    | 0      | 0    | 1      | 2    | 4      | 6    | 8      | 10   | 12     | 16   |
| -80°   | 0    | 0      | 0    | 1      | 2    | 3      | 5    | 6      | 8    | 9      | 12   |
| -82.5° | 0    | 0      | 0    | 0      | 1    | 2      | 4    | 4      | 5    | 6      | 7    |
| -85°   | 0    | 0      | 0    | 0      | 1    | 2      | 3    | 3      | 3    | 4      | 4    |
| -87.5° | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 2    | 2      | 2    |
| -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    | 1      | 1    | 0      | 1    | 2      |
| 60°    | 0      | 0    | 1      | 1    | 1      | 2    | 3      | 4    | 5      | 5    | 10     |
| 57.5°  | 1      | 1    | 2      | 3    | 3      | 6    | 8      | 9    | 16     | 23   | 27     |
| 55°    | 2      | 3    | 4      | 4    | 7      | 12   | 16     | 25   | 33     | 43   | 52     |
| 52.5°  | 3      | 5    | 5      | 8    | 14     | 21   | 31     | 43   | 56     | 66   | 74     |
| 50°    | 5      | 6    | 6      | 16   | 25     | 36   | 51     | 67   | 79     | 88   | 102    |
| 47.5°  | 7      | 7    | 15     | 25   | 38     | 55   | 75     | 88   | 99     | 117  | 138    |
| 45°    | 9      | 14   | 24     | 37   | 54     | 78   | 95     | 108  | 127    | 148  | 169    |
| 42.5°  | 13     | 22   | 35     | 49   | 76     | 98   | 115    | 134  | 154    | 178  | 200    |
| 40°    | 19     | 29   | 47     | 69   | 96     | 118  | 139    | 160  | 181    | 209  | 233    |
| 37.5°  | 25     | 41   | 61     | 88   | 115    | 140  | 164    | 188  | 214    | 243  | 271    |
| 35°    | 31     | 52   | 77     | 105  | 134    | 163  | 189    | 217  | 249    | 281  | 313    |
| 32.5°  | 40     | 64   | 91     | 122  | 152    | 184  | 214    | 249  | 283    | 318  | 357    |
| 30°    | 50     | 76   | 105    | 138  | 170    | 204  | 242    | 281  | 315    | 354  | 396    |
| 27.5°  | 62     | 88   | 119    | 153  | 186    | 223  | 269    | 308  | 345    | 387  | 433    |
| 25°    | 72     | 100  | 133    | 167  | 203    | 246  | 294    | 335  | 374    | 420  | 475    |
| 22.5°  | 82     | 111  | 148    | 180  | 220    | 269  | 318    | 364  | 408    | 454  | 517    |
| 20°    | 92     | 124  | 162    | 197  | 236    | 290  | 342    | 393  | 444    | 502  | 574    |
| 17.5°  | 101    | 136  | 175    | 214  | 258    | 312  | 367    | 423  | 480    | 551  | 640    |
| 15°    | 110    | 147  | 189    | 231  | 278    | 333  | 391    | 453  | 520    | 602  | 703    |
| 12.5°  | 118    | 157  | 202    | 246  | 296    | 352  | 412    | 477  | 554    | 653  | 779    |
| 10°    | 126    | 167  | 214    | 261  | 311    | 370  | 431    | 498  | 581    | 688  | 835    |
| 7.5°   | 132    | 175  | 226    | 273  | 325    | 385  | 447    | 516  | 604    | 717  | 880    |
| 5°     | 139    | 184  | 234    | 283  | 335    | 397  | 460    | 531  | 622    | 740  | 916    |
| 2.5°   | 144    | 191  | 241    | 290  | 344    | 404  | 468    | 541  | 634    | 762  | 944    |
| 0°     | 148    | 197  | 247    | 296  | 350    | 409  | 474    | 548  | 641    | 780  | 962    |
| -2.5°  | 153    | 204  | 252    | 302  | 357    | 415  | 479    | 553  | 650    | 785  | 967    |
| -5°    | 156    | 209  | 257    | 307  | 362    | 418  | 482    | 556  | 654    | 786  | 969    |
| -7.5°  | 159    | 213  | 260    | 310  | 365    | 421  | 484    | 559  | 656    | 784  | 968    |
| -10°   | 161    | 215  | 262    | 313  | 368    | 424  | 485    | 558  | 653    | 776  | 952    |
| -12.5° | 164    | 215  | 264    | 314  | 369    | 424  | 483    | 553  | 644    | 761  | 921    |
| -15°   | 166    | 216  | 264    | 314  | 369    | 424  | 479    | 544  | 629    | 742  | 881    |
| -17.5° | 167    | 215  | 263    | 311  | 366    | 421  | 473    | 536  | 616    | 721  | 854    |
| -20°   | 166    | 214  | 260    | 306  | 361    | 416  | 469    | 529  | 603    | 696  | 816    |

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REPORT NUMBER: P627274 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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° | 165    | 212  | 257    | 302  | 355    | 409  | 462    | 519  | 587    | 666  | 773    |
| -25°   | 163    | 210  | 253    | 298  | 347    | 399  | 452    | 505  | 570    | 645  | 736    |
| -27.5° | 159    | 206  | 249    | 293  | 339    | 388  | 440    | 492  | 551    | 620  | 699    |
| -30°   | 152    | 200  | 243    | 286  | 331    | 378  | 425    | 477  | 531    | 594  | 666    |
| -32.5° | 145    | 193  | 235    | 278  | 322    | 367  | 410    | 460  | 512    | 567  | 632    |
| -35°   | 139    | 184  | 226    | 267  | 312    | 355  | 396    | 440  | 491    | 542  | 597    |
| -37.5° | 135    | 175  | 217    | 256  | 299    | 341  | 380    | 421  | 466    | 517  | 566    |
| -40°   | 129    | 165  | 207    | 245  | 283    | 326  | 365    | 401  | 442    | 491  | 538    |
| -42.5° | 123    | 159  | 196    | 234  | 271    | 309  | 348    | 384  | 422    | 466  | 512    |
| -45°   | 118    | 151  | 186    | 222  | 258    | 293  | 329    | 367  | 404    | 443  | 486    |
| -47.5° | 112    | 143  | 176    | 209  | 244    | 279  | 311    | 347  | 385    | 422  | 460    |
| -50°   | 105    | 134  | 165    | 195  | 228    | 264  | 297    | 327  | 362    | 399  | 436    |
| -52.5° | 96     | 124  | 153    | 181  | 211    | 245  | 279    | 310  | 340    | 372  | 407    |
| -55°   | 87     | 113  | 140    | 166  | 193    | 224  | 256    | 288  | 320    | 349  | 379    |
| -57.5° | 78     | 100  | 126    | 152  | 177    | 202  | 234    | 264  | 294    | 324  | 354    |
| -60°   | 70     | 89   | 111    | 135  | 160    | 185  | 210    | 239  | 268    | 295  | 323    |
| -62.5° | 62     | 78   | 97     | 118  | 141    | 166  | 189    | 214  | 240    | 264  | 288    |
| -65°   | 55     | 68   | 84     | 102  | 122    | 143  | 165    | 189  | 213    | 232  | 251    |
| -67.5° | 47     | 58   | 71     | 86   | 103    | 121  | 139    | 159  | 181    | 199  | 216    |
| -70°   | 40     | 49   | 59     | 71   | 85     | 100  | 116    | 132  | 149    | 165  | 181    |
| -72.5° | 34     | 41   | 49     | 57   | 69     | 82   | 95     | 108  | 121    | 135  | 149    |
| -75°   | 28     | 33   | 40     | 47   | 55     | 65   | 76     | 88   | 99     | 110  | 121    |
| -77.5° | 21     | 26   | 32     | 37   | 43     | 51   | 59     | 68   | 78     | 87   | 96     |
| -80°   | 15     | 19   | 24     | 29   | 33     | 38   | 43     | 49   | 56     | 63   | 70     |
| -82.5° | 10     | 13   | 17     | 20   | 23     | 26   | 29     | 32   | 37     | 42   | 47     |
| -85°   | 6      | 7    | 10     | 12   | 13     | 15   | 16     | 18   | 21     | 24   | 27     |
| -87.5° | 3      | 4    | 5      | 6    | 6      | 6    | 7      | 7    | 8      | 9    | 11     |
| -90°   | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |



REPORT NUMBER: P627274 (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°  |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 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    | 2      | 4    | 5      | 6    | 6      | 6     | 7      | 7     | 7      | 7     |
| 60°    | 13   | 12     | 19   | 23     | 22   | 17     | 24    | 28     | 27    | 23     | 23    |
| 57.5°  | 35   | 43     | 50   | 52     | 58   | 69     | 72    | 71     | 72    | 75     | 84    |
| 55°    | 61   | 67     | 72   | 82     | 92   | 102    | 109   | 114    | 120   | 126    | 134   |
| 52.5°  | 83   | 94     | 102  | 112    | 125  | 133    | 137   | 151    | 163   | 172    | 178   |
| 50°    | 117  | 129    | 142  | 156    | 169  | 180    | 190   | 204    | 220   | 237    | 248   |
| 47.5°  | 154  | 169    | 186  | 206    | 220  | 232    | 244   | 263    | 285   | 305    | 318   |
| 45°    | 188  | 206    | 227  | 246    | 262  | 278    | 297   | 320    | 343   | 363    | 379   |
| 42.5°  | 219  | 239    | 261  | 283    | 297  | 322    | 349   | 372    | 400   | 426    | 445   |
| 40°    | 254  | 274    | 306  | 328    | 348  | 374    | 413   | 448    | 481   | 513    | 532   |
| 37.5°  | 297  | 330    | 364  | 392    | 418  | 451    | 505   | 558    | 600   | 642    | 672   |
| 35°    | 348  | 387    | 430  | 460    | 499  | 560    | 628   | 701    | 774   | 833    | 886   |
| 32.5°  | 396  | 439    | 483  | 532    | 591  | 677    | 762   | 880    | 988   | 1100   | 1205  |
| 30°    | 439  | 488    | 542  | 604    | 700  | 820    | 958   | 1137   | 1333  | 1527   | 1749  |
| 27.5°  | 485  | 539    | 603  | 701    | 848  | 1011   | 1265  | 1548   | 1952  | 2277   | 2801  |
| 25°    | 535  | 595    | 682  | 839    | 1042 | 1329   | 1773  | 2278   | 3114  | 3827   | 4632  |
| 22.5°  | 595  | 688    | 811  | 1008   | 1347 | 1862   | 2553  | 3654   | 4937  | 6129   | 7265  |
| 20°    | 669  | 795    | 1005 | 1320   | 1805 | 2598   | 3908  | 5578   | 7362  | 9106   | 10792 |
| 17.5°  | 767  | 968    | 1268 | 1715   | 2403 | 4070   | 6019  | 8406   | 11461 | 13756  | 15932 |
| 15°    | 857  | 1110   | 1564 | 2287   | 3582 | 5728   | 8453  | 12107  | 16220 | 19678  | 23590 |
| 12.5°  | 963  | 1269   | 1816 | 2754   | 4605 | 7442   | 10915 | 15273  | 20141 | 25390  | 31517 |
| 10°    | 1055 | 1431   | 2135 | 3427   | 5672 | 8973   | 12865 | 17981  | 24233 | 31661  | 39405 |
| 7.5°   | 1126 | 1567   | 2402 | 3931   | 6571 | 10230  | 14872 | 21094  | 29012 | 37694  | 46526 |
| 5°     | 1181 | 1672   | 2611 | 4326   | 7335 | 11249  | 16337 | 23557  | 32583 | 42547  | 51329 |
| 2.5°   | 1225 | 1746   | 2750 | 4569   | 7852 | 11946  | 17338 | 24867  | 34768 | 45716  | 54937 |
| 0°     | 1258 | 1791   | 2827 | 4742   | 8092 | 12276  | 17802 | 25395  | 35791 | 47268  | 56751 |
| -2.5°  | 1270 | 1815   | 2831 | 4682   | 7946 | 12256  | 17694 | 25071  | 35085 | 46652  | 56366 |
| -5°    | 1274 | 1803   | 2760 | 4557   | 7687 | 11816  | 16985 | 23840  | 32928 | 43777  | 53622 |
| -7.5°  | 1265 | 1754   | 2615 | 4252   | 7106 | 11040  | 15996 | 22012  | 29462 | 39028  | 49203 |
| -10°   | 1231 | 1670   | 2419 | 3838   | 6305 | 9829   | 14456 | 19539  | 25490 | 33299  | 41545 |
| -12.5° | 1169 | 1545   | 2148 | 3217   | 5363 | 8458   | 12555 | 17049  | 21687 | 26819  | 33601 |
| -15°   | 1095 | 1415   | 1927 | 2841   | 4491 | 7018   | 10336 | 14132  | 17981 | 21911  | 26048 |
| -17.5° | 1039 | 1304   | 1701 | 2339   | 3448 | 5492   | 8145  | 11195  | 14318 | 17439  | 20225 |
| -20°   | 968  | 1170   | 1480 | 1976   | 2782 | 3991   | 5987  | 8360   | 10693 | 13238  | 15374 |

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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° | 905  | 1076   | 1309 | 1621   | 2163 | 3014   | 4152 | 5822   | 7596 | 9444   | 11197 |
| -25°   | 845  | 974    | 1159 | 1410   | 1733 | 2240   | 2991 | 3864   | 5109 | 6246   | 7548  |
| -27.5° | 794  | 903    | 1028 | 1214   | 1459 | 1736   | 2197 | 2707   | 3360 | 3902   | 4771  |
| -30°   | 746  | 832    | 936  | 1055   | 1235 | 1446   | 1694 | 2003   | 2322 | 2642   | 3058  |
| -32.5° | 700  | 773    | 854  | 950    | 1061 | 1220   | 1374 | 1572   | 1747 | 1939   | 2137  |
| -35°   | 655  | 720    | 787  | 863    | 949  | 1053   | 1169 | 1300   | 1416 | 1532   | 1636  |
| -37.5° | 617  | 671    | 729  | 790    | 858  | 931    | 1021 | 1114   | 1192 | 1268   | 1332  |
| -40°   | 584  | 630    | 678  | 728    | 783  | 842    | 912  | 980    | 1033 | 1082   | 1123  |
| -42.5° | 555  | 595    | 632  | 675    | 721  | 775    | 829  | 882    | 918  | 952    | 979   |
| -45°   | 527  | 561    | 596  | 631    | 668  | 715    | 762  | 803    | 831  | 857    | 877   |
| -47.5° | 496  | 528    | 559  | 591    | 627  | 665    | 702  | 733    | 758  | 780    | 794   |
| -50°   | 467  | 498    | 526  | 553    | 585  | 618    | 651  | 677    | 699  | 718    | 728   |
| -52.5° | 439  | 468    | 496  | 524    | 550  | 576    | 602  | 626    | 649  | 668    | 676   |
| -55°   | 410  | 439    | 465  | 490    | 516  | 541    | 564  | 585    | 605  | 624    | 630   |
| -57.5° | 383  | 412    | 440  | 460    | 482  | 504    | 526  | 547    | 566  | 584    | 590   |
| -60°   | 352  | 381    | 405  | 425    | 446  | 467    | 486  | 505    | 524  | 541    | 548   |
| -62.5° | 315  | 341    | 363  | 383    | 402  | 420    | 437  | 455    | 472  | 486    | 494   |
| -65°   | 271  | 294    | 315  | 334    | 351  | 368    | 384  | 400    | 414  | 425    | 431   |
| -67.5° | 233  | 249    | 268  | 285    | 302  | 318    | 333  | 347    | 359  | 369    | 374   |
| -70°   | 196  | 212    | 227  | 243    | 259  | 273    | 286  | 298    | 309  | 318    | 324   |
| -72.5° | 163  | 176    | 191  | 205    | 219  | 231    | 242  | 252    | 263  | 270    | 275   |
| -75°   | 132  | 144    | 156  | 168    | 180  | 190    | 199  | 207    | 216  | 222    | 227   |
| -77.5° | 105  | 114    | 123  | 132    | 141  | 149    | 156  | 163    | 169  | 174    | 179   |
| -80°   | 78   | 85     | 92   | 98     | 105  | 110    | 116  | 121    | 127  | 131    | 135   |
| -82.5° | 53   | 58     | 63   | 69     | 74   | 77     | 80   | 83     | 85   | 89     | 92    |
| -85°   | 30   | 34     | 37   | 40     | 44   | 46     | 48   | 50     | 52   | 54     | 56    |
| -87.5° | 12   | 14     | 15   | 16     | 18   | 18     | 19   | 19     | 19   | 20     | 22    |
| -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°  | 6     | 5     | 5     | 5     | 5     | 5     | 6     | 7     | 7     | 7     | 7     |
| 60°    | 21    | 20    | 20    | 20    | 20    | 20    | 21    | 23    | 23    | 27    | 28    |
| 57.5°  | 92    | 99    | 102   | 104   | 102   | 99    | 92    | 84    | 75    | 72    | 71    |
| 55°    | 140   | 145   | 145   | 143   | 145   | 145   | 140   | 134   | 126   | 120   | 114   |
| 52.5°  | 181   | 181   | 180   | 178   | 180   | 181   | 181   | 178   | 172   | 163   | 151   |
| 50°    | 251   | 250   | 250   | 252   | 250   | 250   | 251   | 248   | 237   | 220   | 204   |
| 47.5°  | 323   | 326   | 327   | 326   | 327   | 326   | 323   | 318   | 305   | 285   | 263   |
| 45°    | 385   | 390   | 392   | 390   | 392   | 390   | 385   | 379   | 363   | 343   | 320   |
| 42.5°  | 453   | 456   | 457   | 459   | 457   | 456   | 453   | 445   | 426   | 400   | 372   |
| 40°    | 542   | 545   | 544   | 543   | 544   | 545   | 542   | 532   | 513   | 481   | 448   |
| 37.5°  | 692   | 703   | 708   | 720   | 708   | 703   | 692   | 672   | 642   | 600   | 558   |
| 35°    | 927   | 952   | 966   | 987   | 966   | 952   | 927   | 886   | 833   | 774   | 701   |
| 32.5°  | 1280  | 1332  | 1359  | 1387  | 1359  | 1332  | 1280  | 1205  | 1100  | 988   | 880   |
| 30°    | 1903  | 2005  | 2046  | 2122  | 2046  | 2005  | 1903  | 1749  | 1527  | 1333  | 1137  |
| 27.5°  | 3185  | 3427  | 3522  | 3720  | 3522  | 3427  | 3185  | 2801  | 2277  | 1952  | 1548  |
| 25°    | 5365  | 5886  | 6173  | 6399  | 6173  | 5886  | 5365  | 4632  | 3827  | 3114  | 2278  |
| 22.5°  | 8412  | 9175  | 9582  | 9883  | 9582  | 9175  | 8412  | 7265  | 6129  | 4937  | 3654  |
| 20°    | 12321 | 13327 | 13927 | 14363 | 13927 | 13327 | 12321 | 10792 | 9106  | 7362  | 5578  |
| 17.5°  | 18725 | 20306 | 21231 | 22026 | 21231 | 20306 | 18725 | 15932 | 13756 | 11461 | 8406  |
| 15°    | 27955 | 31132 | 33602 | 34977 | 33602 | 31132 | 27955 | 23590 | 19678 | 16220 | 12107 |
| 12.5°  | 36934 | 41588 | 44353 | 45625 | 44353 | 41588 | 36934 | 31517 | 25390 | 20141 | 15273 |
| 10°    | 45813 | 50202 | 52833 | 53297 | 52833 | 50202 | 45813 | 39405 | 31661 | 24233 | 17981 |
| 7.5°   | 52611 | 57437 | 60933 | 62203 | 60933 | 57437 | 52611 | 46526 | 37694 | 29012 | 21094 |
| 5°     | 58615 | 64266 | 67966 | 68435 | 67966 | 64266 | 58615 | 51329 | 42547 | 32583 | 23557 |
| 2.5°   | 63032 | 69175 | 72763 | 73996 | 72763 | 69175 | 63032 | 54937 | 45716 | 34768 | 24867 |
| 0°     | 65169 | 71785 | 75777 | 77573 | 75777 | 71785 | 65169 | 56751 | 47268 | 35791 | 25395 |
| -2.5°  | 64719 | 71563 | 76018 | 78362 | 76018 | 71563 | 64719 | 56366 | 46652 | 35085 | 25071 |
| -5°    | 62258 | 69122 | 73276 | 75767 | 73276 | 69122 | 62258 | 53622 | 43777 | 32928 | 23840 |
| -7.5°  | 56584 | 63002 | 67424 | 69723 | 67424 | 63002 | 56584 | 49203 | 39028 | 29462 | 22012 |
| -10°   | 49271 | 54703 | 58734 | 60693 | 58734 | 54703 | 49271 | 41545 | 33299 | 25490 | 19539 |
| -12.5° | 39770 | 45039 | 48675 | 50061 | 48675 | 45039 | 39770 | 33601 | 26819 | 21687 | 17049 |
| -15°   | 30471 | 34492 | 37076 | 37893 | 37076 | 34492 | 30471 | 26048 | 21911 | 17981 | 14132 |
| -17.5° | 23108 | 25273 | 26726 | 27117 | 26726 | 25273 | 23108 | 20225 | 17439 | 14318 | 11195 |
| -20°   | 17312 | 18654 | 19597 | 19820 | 19597 | 18654 | 17312 | 15374 | 13238 | 10693 | 8360  |

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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° | 12614 | 13622 | 14384 | 14536 | 14384 | 13622 | 12614 | 11197 | 9444  | 7596 | 5822  |
| -25°   | 8701  | 9544  | 10061 | 10100 | 10061 | 9544  | 8701  | 7548  | 6246  | 5109 | 3864  |
| -27.5° | 5455  | 5918  | 6157  | 6242  | 6157  | 5918  | 5455  | 4771  | 3902  | 3360 | 2707  |
| -30°   | 3371  | 3584  | 3697  | 3701  | 3697  | 3584  | 3371  | 3058  | 2642  | 2322 | 2003  |
| -32.5° | 2288  | 2391  | 2448  | 2447  | 2448  | 2391  | 2288  | 2137  | 1939  | 1747 | 1572  |
| -35°   | 1714  | 1768  | 1798  | 1801  | 1798  | 1768  | 1714  | 1636  | 1532  | 1416 | 1300  |
| -37.5° | 1378  | 1408  | 1423  | 1426  | 1423  | 1408  | 1378  | 1332  | 1268  | 1192 | 1114  |
| -40°   | 1153  | 1173  | 1186  | 1194  | 1186  | 1173  | 1153  | 1123  | 1082  | 1033 | 980   |
| -42.5° | 997   | 1010  | 1016  | 1012  | 1016  | 1010  | 997   | 979   | 952   | 918  | 882   |
| -45°   | 888   | 896   | 901   | 903   | 901   | 896   | 888   | 877   | 857   | 831  | 803   |
| -47.5° | 801   | 805   | 808   | 809   | 808   | 805   | 801   | 794   | 780   | 758  | 733   |
| -50°   | 733   | 737   | 737   | 735   | 737   | 737   | 733   | 728   | 718   | 699  | 677   |
| -52.5° | 678   | 679   | 680   | 681   | 680   | 679   | 678   | 676   | 668   | 649  | 626   |
| -55°   | 633   | 635   | 636   | 637   | 636   | 635   | 633   | 630   | 624   | 605  | 585   |
| -57.5° | 595   | 599   | 599   | 597   | 599   | 599   | 595   | 590   | 584   | 566  | 547   |
| -60°   | 555   | 559   | 562   | 563   | 562   | 559   | 555   | 548   | 541   | 524  | 505   |
| -62.5° | 500   | 505   | 508   | 508   | 508   | 505   | 500   | 494   | 486   | 472  | 455   |
| -65°   | 437   | 441   | 448   | 454   | 448   | 441   | 437   | 431   | 425   | 414  | 400   |
| -67.5° | 379   | 383   | 389   | 395   | 389   | 383   | 379   | 374   | 369   | 359  | 347   |
| -70°   | 329   | 334   | 335   | 336   | 335   | 334   | 329   | 324   | 318   | 309  | 298   |
| -72.5° | 280   | 285   | 286   | 286   | 286   | 285   | 280   | 275   | 270   | 263  | 252   |
| -75°   | 232   | 235   | 237   | 237   | 237   | 235   | 232   | 227   | 222   | 216  | 207   |
| -77.5° | 183   | 187   | 187   | 188   | 187   | 187   | 183   | 179   | 174   | 169  | 163   |
| -80°   | 139   | 142   | 141   | 138   | 141   | 142   | 139   | 135   | 131   | 127  | 121   |
| -82.5° | 95    | 98    | 96    | 94    | 96    | 98    | 95    | 92    | 89    | 85   | 83    |
| -85°   | 57    | 59    | 57    | 54    | 57    | 59    | 57    | 56    | 54    | 52   | 50    |
| -87.5° | 23    | 25    | 22    | 20    | 22    | 25    | 23    | 22    | 20    | 19   | 19    |
| -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°    | 1     | 1     | 0    | 0     | 0    | 0     | 0    | 0     | 0   | 0     | 0   |
| 62.5°  | 6     | 6     | 6    | 5     | 4    | 2     | 1    | 2     | 1   | 0     | 1   |
| 60°    | 24    | 17    | 22   | 23    | 19   | 12    | 13   | 10    | 5   | 5     | 4   |
| 57.5°  | 72    | 69    | 58   | 52    | 50   | 43    | 35   | 27    | 23  | 16    | 9   |
| 55°    | 109   | 102   | 92   | 82    | 72   | 67    | 61   | 52    | 43  | 33    | 25  |
| 52.5°  | 137   | 133   | 125  | 112   | 102  | 94    | 83   | 74    | 66  | 56    | 43  |
| 50°    | 190   | 180   | 169  | 156   | 142  | 129   | 117  | 102   | 88  | 79    | 67  |
| 47.5°  | 244   | 232   | 220  | 206   | 186  | 169   | 154  | 138   | 117 | 99    | 88  |
| 45°    | 297   | 278   | 262  | 246   | 227  | 206   | 188  | 169   | 148 | 127   | 108 |
| 42.5°  | 349   | 322   | 297  | 283   | 261  | 239   | 219  | 200   | 178 | 154   | 134 |
| 40°    | 413   | 374   | 348  | 328   | 306  | 274   | 254  | 233   | 209 | 181   | 160 |
| 37.5°  | 505   | 451   | 418  | 392   | 364  | 330   | 297  | 271   | 243 | 214   | 188 |
| 35°    | 628   | 560   | 499  | 460   | 430  | 387   | 348  | 313   | 281 | 249   | 217 |
| 32.5°  | 762   | 677   | 591  | 532   | 483  | 439   | 396  | 357   | 318 | 283   | 249 |
| 30°    | 958   | 820   | 700  | 604   | 542  | 488   | 439  | 396   | 354 | 315   | 281 |
| 27.5°  | 1265  | 1011  | 848  | 701   | 603  | 539   | 485  | 433   | 387 | 345   | 308 |
| 25°    | 1773  | 1329  | 1042 | 839   | 682  | 595   | 535  | 475   | 420 | 374   | 335 |
| 22.5°  | 2553  | 1862  | 1347 | 1008  | 811  | 688   | 595  | 517   | 454 | 408   | 364 |
| 20°    | 3908  | 2598  | 1805 | 1320  | 1005 | 795   | 669  | 574   | 502 | 444   | 393 |
| 17.5°  | 6019  | 4070  | 2403 | 1715  | 1268 | 968   | 767  | 640   | 551 | 480   | 423 |
| 15°    | 8453  | 5728  | 3582 | 2287  | 1564 | 1110  | 857  | 703   | 602 | 520   | 453 |
| 12.5°  | 10915 | 7442  | 4605 | 2754  | 1816 | 1269  | 963  | 779   | 653 | 554   | 477 |
| 10°    | 12865 | 8973  | 5672 | 3427  | 2135 | 1431  | 1055 | 835   | 688 | 581   | 498 |
| 7.5°   | 14872 | 10230 | 6571 | 3931  | 2402 | 1567  | 1126 | 880   | 717 | 604   | 516 |
| 5°     | 16337 | 11249 | 7335 | 4326  | 2611 | 1672  | 1181 | 916   | 740 | 622   | 531 |
| 2.5°   | 17338 | 11946 | 7852 | 4569  | 2750 | 1746  | 1225 | 944   | 762 | 634   | 541 |
| 0°     | 17802 | 12276 | 8092 | 4742  | 2827 | 1791  | 1258 | 962   | 780 | 641   | 548 |
| -2.5°  | 17694 | 12256 | 7946 | 4682  | 2831 | 1815  | 1270 | 967   | 785 | 650   | 553 |
| -5°    | 16985 | 11816 | 7687 | 4557  | 2760 | 1803  | 1274 | 969   | 786 | 654   | 556 |
| -7.5°  | 15996 | 11040 | 7106 | 4252  | 2615 | 1754  | 1265 | 968   | 784 | 656   | 559 |
| -10°   | 14456 | 9829  | 6305 | 3838  | 2419 | 1670  | 1231 | 952   | 776 | 653   | 558 |
| -12.5° | 12555 | 8458  | 5363 | 3217  | 2148 | 1545  | 1169 | 921   | 761 | 644   | 553 |
| -15°   | 10336 | 7018  | 4491 | 2841  | 1927 | 1415  | 1095 | 881   | 742 | 629   | 544 |
| -17.5° | 8145  | 5492  | 3448 | 2339  | 1701 | 1304  | 1039 | 854   | 721 | 616   | 536 |
| -20°   | 5987  | 3991  | 2782 | 1976  | 1480 | 1170  | 968  | 816   | 696 | 603   | 529 |

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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° | 4152 | 3014  | 2163 | 1621  | 1309 | 1076  | 905 | 773   | 666 | 587   | 519 |
| -25°   | 2991 | 2240  | 1733 | 1410  | 1159 | 974   | 845 | 736   | 645 | 570   | 505 |
| -27.5° | 2197 | 1736  | 1459 | 1214  | 1028 | 903   | 794 | 699   | 620 | 551   | 492 |
| -30°   | 1694 | 1446  | 1235 | 1055  | 936  | 832   | 746 | 666   | 594 | 531   | 477 |
| -32.5° | 1374 | 1220  | 1061 | 950   | 854  | 773   | 700 | 632   | 567 | 512   | 460 |
| -35°   | 1169 | 1053  | 949  | 863   | 787  | 720   | 655 | 597   | 542 | 491   | 440 |
| -37.5° | 1021 | 931   | 858  | 790   | 729  | 671   | 617 | 566   | 517 | 466   | 421 |
| -40°   | 912  | 842   | 783  | 728   | 678  | 630   | 584 | 538   | 491 | 442   | 401 |
| -42.5° | 829  | 775   | 721  | 675   | 632  | 595   | 555 | 512   | 466 | 422   | 384 |
| -45°   | 762  | 715   | 668  | 631   | 596  | 561   | 527 | 486   | 443 | 404   | 367 |
| -47.5° | 702  | 665   | 627  | 591   | 559  | 528   | 496 | 460   | 422 | 385   | 347 |
| -50°   | 651  | 618   | 585  | 553   | 526  | 498   | 467 | 436   | 399 | 362   | 327 |
| -52.5° | 602  | 576   | 550  | 524   | 496  | 468   | 439 | 407   | 372 | 340   | 310 |
| -55°   | 564  | 541   | 516  | 490   | 465  | 439   | 410 | 379   | 349 | 320   | 288 |
| -57.5° | 526  | 504   | 482  | 460   | 440  | 412   | 383 | 354   | 324 | 294   | 264 |
| -60°   | 486  | 467   | 446  | 425   | 405  | 381   | 352 | 323   | 295 | 268   | 239 |
| -62.5° | 437  | 420   | 402  | 383   | 363  | 341   | 315 | 288   | 264 | 240   | 214 |
| -65°   | 384  | 368   | 351  | 334   | 315  | 294   | 271 | 251   | 232 | 213   | 189 |
| -67.5° | 333  | 318   | 302  | 285   | 268  | 249   | 233 | 216   | 199 | 181   | 159 |
| -70°   | 286  | 273   | 259  | 243   | 227  | 212   | 196 | 181   | 165 | 149   | 132 |
| -72.5° | 242  | 231   | 219  | 205   | 191  | 176   | 163 | 149   | 135 | 121   | 108 |
| -75°   | 199  | 190   | 180  | 168   | 156  | 144   | 132 | 121   | 110 | 99    | 88  |
| -77.5° | 156  | 149   | 141  | 132   | 123  | 114   | 105 | 96    | 87  | 78    | 68  |
| -80°   | 116  | 110   | 105  | 98    | 92   | 85    | 78  | 70    | 63  | 56    | 49  |
| -82.5° | 80   | 77    | 74   | 69    | 63   | 58    | 53  | 47    | 42  | 37    | 32  |
| -85°   | 48   | 46    | 44   | 40    | 37   | 34    | 30  | 27    | 24  | 21    | 18  |
| -87.5° | 19   | 18    | 18   | 16    | 15   | 14    | 12  | 11    | 9   | 8     | 7   |
| -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°  | 1     | 0   | 0     | 0   | 0     | 0   | 0     | 1   | 0     | 0   | 0     |
| 60°    | 3     | 2   | 1     | 1   | 1     | 0   | 0     | 1   | 1     | 0   | 0     |
| 57.5°  | 8     | 6   | 3     | 3   | 2     | 1   | 1     | 2   | 2     | 1   | 0     |
| 55°    | 16    | 12  | 7     | 4   | 4     | 3   | 2     | 2   | 3     | 2   | 0     |
| 52.5°  | 31    | 21  | 14    | 8   | 5     | 5   | 3     | 2   | 3     | 4   | 1     |
| 50°    | 51    | 36  | 25    | 16  | 6     | 6   | 5     | 3   | 4     | 5   | 3     |
| 47.5°  | 75    | 55  | 38    | 25  | 15    | 7   | 7     | 4   | 4     | 5   | 4     |
| 45°    | 95    | 78  | 54    | 37  | 24    | 14  | 9     | 5   | 4     | 5   | 5     |
| 42.5°  | 115   | 98  | 76    | 49  | 35    | 22  | 13    | 8   | 5     | 5   | 5     |
| 40°    | 139   | 118 | 96    | 69  | 47    | 29  | 19    | 12  | 5     | 5   | 5     |
| 37.5°  | 164   | 140 | 115   | 88  | 61    | 41  | 25    | 16  | 7     | 6   | 5     |
| 35°    | 189   | 163 | 134   | 105 | 77    | 52  | 31    | 21  | 12    | 7   | 5     |
| 32.5°  | 214   | 184 | 152   | 122 | 91    | 64  | 40    | 27  | 16    | 9   | 5     |
| 30°    | 242   | 204 | 170   | 138 | 105   | 76  | 50    | 33  | 21    | 11  | 5     |
| 27.5°  | 269   | 223 | 186   | 153 | 119   | 88  | 62    | 39  | 25    | 14  | 7     |
| 25°    | 294   | 246 | 203   | 167 | 133   | 100 | 72    | 46  | 30    | 17  | 8     |
| 22.5°  | 318   | 269 | 220   | 180 | 148   | 111 | 82    | 55  | 35    | 21  | 10    |
| 20°    | 342   | 290 | 236   | 197 | 162   | 124 | 92    | 63  | 41    | 24  | 12    |
| 17.5°  | 367   | 312 | 258   | 214 | 175   | 136 | 101   | 71  | 46    | 27  | 14    |
| 15°    | 391   | 333 | 278   | 231 | 189   | 147 | 110   | 78  | 52    | 30  | 17    |
| 12.5°  | 412   | 352 | 296   | 246 | 202   | 157 | 118   | 84  | 57    | 33  | 19    |
| 10°    | 431   | 370 | 311   | 261 | 214   | 167 | 126   | 90  | 62    | 35  | 22    |
| 7.5°   | 447   | 385 | 325   | 273 | 226   | 175 | 132   | 95  | 67    | 38  | 24    |
| 5°     | 460   | 397 | 335   | 283 | 234   | 184 | 139   | 100 | 72    | 40  | 26    |
| 2.5°   | 468   | 404 | 344   | 290 | 241   | 191 | 144   | 105 | 76    | 42  | 28    |
| 0°     | 474   | 409 | 350   | 296 | 247   | 197 | 148   | 108 | 79    | 44  | 30    |
| -2.5°  | 479   | 415 | 357   | 302 | 252   | 204 | 153   | 112 | 82    | 49  | 30    |
| -5°    | 482   | 418 | 362   | 307 | 257   | 209 | 156   | 114 | 84    | 53  | 31    |
| -7.5°  | 484   | 421 | 365   | 310 | 260   | 213 | 159   | 116 | 86    | 56  | 31    |
| -10°   | 485   | 424 | 368   | 313 | 262   | 215 | 161   | 117 | 87    | 59  | 31    |
| -12.5° | 483   | 424 | 369   | 314 | 264   | 215 | 164   | 120 | 89    | 60  | 31    |
| -15°   | 479   | 424 | 369   | 314 | 264   | 216 | 166   | 122 | 90    | 61  | 32    |
| -17.5° | 473   | 421 | 366   | 311 | 263   | 215 | 167   | 124 | 90    | 60  | 33    |
| -20°   | 469   | 416 | 361   | 306 | 260   | 214 | 166   | 123 | 90    | 59  | 34    |

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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° | 462   | 409 | 355   | 302 | 257   | 212 | 165   | 122 | 89    | 58  | 36    |
| -25°   | 452   | 399 | 347   | 298 | 253   | 210 | 163   | 118 | 87    | 56  | 36    |
| -27.5° | 440   | 388 | 339   | 293 | 249   | 206 | 159   | 116 | 85    | 54  | 37    |
| -30°   | 425   | 378 | 331   | 286 | 243   | 200 | 152   | 112 | 82    | 54  | 37    |
| -32.5° | 410   | 367 | 322   | 278 | 235   | 193 | 145   | 108 | 79    | 54  | 37    |
| -35°   | 396   | 355 | 312   | 267 | 226   | 184 | 139   | 102 | 76    | 53  | 36    |
| -37.5° | 380   | 341 | 299   | 256 | 217   | 175 | 135   | 100 | 72    | 52  | 35    |
| -40°   | 365   | 326 | 283   | 245 | 207   | 165 | 129   | 97  | 70    | 50  | 34    |
| -42.5° | 348   | 309 | 271   | 234 | 196   | 159 | 123   | 93  | 68    | 48  | 33    |
| -45°   | 329   | 293 | 258   | 222 | 186   | 151 | 118   | 89  | 65    | 47  | 31    |
| -47.5° | 311   | 279 | 244   | 209 | 176   | 143 | 112   | 84  | 61    | 45  | 30    |
| -50°   | 297   | 264 | 228   | 195 | 165   | 134 | 105   | 78  | 58    | 42  | 28    |
| -52.5° | 279   | 245 | 211   | 181 | 153   | 124 | 96    | 72  | 54    | 39  | 26    |
| -55°   | 256   | 224 | 193   | 166 | 140   | 113 | 87    | 67  | 50    | 36  | 23    |
| -57.5° | 234   | 202 | 177   | 152 | 126   | 100 | 78    | 61  | 46    | 32  | 22    |
| -60°   | 210   | 185 | 160   | 135 | 111   | 89  | 70    | 55  | 41    | 29  | 20    |
| -62.5° | 189   | 166 | 141   | 118 | 97    | 78  | 62    | 49  | 36    | 26  | 18    |
| -65°   | 165   | 143 | 122   | 102 | 84    | 68  | 55    | 42  | 32    | 23  | 16    |
| -67.5° | 139   | 121 | 103   | 86  | 71    | 58  | 47    | 37  | 28    | 20  | 14    |
| -70°   | 116   | 100 | 85    | 71  | 59    | 49  | 40    | 32  | 24    | 18  | 13    |
| -72.5° | 95    | 82  | 69    | 57  | 49    | 41  | 34    | 27  | 20    | 15  | 11    |
| -75°   | 76    | 65  | 55    | 47  | 40    | 33  | 28    | 22  | 16    | 12  | 10    |
| -77.5° | 59    | 51  | 43    | 37  | 32    | 26  | 21    | 16  | 12    | 10  | 8     |
| -80°   | 43    | 38  | 33    | 29  | 24    | 19  | 15    | 12  | 9     | 8   | 6     |
| -82.5° | 29    | 26  | 23    | 20  | 17    | 13  | 10    | 7   | 6     | 5   | 4     |
| -85°   | 16    | 15  | 13    | 12  | 10    | 7   | 6     | 4   | 4     | 3   | 3     |
| -87.5° | 7     | 6   | 6     | 6   | 5     | 4   | 3     | 2   | 2     | 2   | 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°    | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| 52.5°  | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| 50°    | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 47.5°  | 2   | 1     | 0   | 0     | 0   | 0     | 0   |
| 45°    | 3   | 2     | 0   | 0     | 0   | 0     | 0   |
| 42.5°  | 3   | 2     | 0   | 0     | 0   | 0     | 0   |
| 40°    | 4   | 3     | 0   | 0     | 0   | 0     | 0   |
| 37.5°  | 4   | 3     | 1   | 0     | 0   | 0     | 0   |
| 35°    | 5   | 4     | 1   | 0     | 0   | 0     | 0   |
| 32.5°  | 5   | 4     | 2   | 0     | 0   | 0     | 0   |
| 30°    | 5   | 4     | 2   | 0     | 0   | 0     | 0   |
| 27.5°  | 5   | 5     | 3   | 0     | 0   | 0     | 0   |
| 25°    | 5   | 5     | 3   | 0     | 0   | 0     | 0   |
| 22.5°  | 5   | 5     | 3   | 0     | 0   | 0     | 0   |
| 20°    | 5   | 5     | 4   | 0     | 0   | 0     | 0   |
| 17.5°  | 5   | 5     | 4   | 0     | 0   | 0     | 0   |
| 15°    | 6   | 5     | 4   | 0     | 0   | 0     | 0   |
| 12.5°  | 6   | 5     | 4   | 0     | 0   | 0     | 0   |
| 10°    | 7   | 5     | 5   | 0     | 0   | 0     | 0   |
| 7.5°   | 8   | 5     | 5   | 0     | 0   | 0     | 0   |
| 5°     | 8   | 5     | 5   | 0     | 0   | 0     | 0   |
| 2.5°   | 9   | 5     | 5   | 0     | 0   | 0     | 0   |
| 0°     | 10  | 5     | 5   | 0     | 0   | 0     | 0   |
| -2.5°  | 12  | 5     | 5   | 0     | 0   | 0     | 0   |
| -5°    | 14  | 6     | 5   | 1     | 0   | 0     | 0   |
| -7.5°  | 15  | 6     | 5   | 1     | 0   | 0     | 0   |
| -10°   | 17  | 7     | 5   | 1     | 0   | 0     | 0   |
| -12.5° | 18  | 7     | 5   | 1     | 0   | 0     | 0   |
| -15°   | 19  | 8     | 5   | 2     | 0   | 0     | 0   |
| -17.5° | 20  | 8     | 5   | 2     | 0   | 0     | 0   |
| -20°   | 20  | 8     | 5   | 2     | 0   | 0     | 0   |

Classified

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

Scaled Data Report



REPORT NUMBER: P627274 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 20  | 8     | 5   | 2     | 0   | 0     | 0   |
| -25°   | 21  | 8     | 5   | 2     | 0   | 0     | 0   |
| -27.5° | 21  | 9     | 5   | 2     | 0   | 0     | 0   |
| -30°   | 20  | 10    | 5   | 2     | 0   | 0     | 0   |
| -32.5° | 20  | 10    | 5   | 2     | 0   | 0     | 0   |
| -35°   | 20  | 10    | 6   | 2     | 0   | 0     | 0   |
| -37.5° | 20  | 10    | 6   | 2     | 0   | 0     | 0   |
| -40°   | 20  | 10    | 6   | 1     | 0   | 0     | 0   |
| -42.5° | 19  | 11    | 6   | 1     | 0   | 0     | 0   |
| -45°   | 19  | 11    | 6   | 1     | 0   | 0     | 0   |
| -47.5° | 17  | 11    | 6   | 1     | 0   | 0     | 0   |
| -50°   | 17  | 10    | 5   | 1     | 0   | 0     | 0   |
| -52.5° | 16  | 10    | 5   | 1     | 0   | 0     | 0   |
| -55°   | 15  | 9     | 5   | 1     | 0   | 0     | 0   |
| -57.5° | 14  | 9     | 4   | 1     | 0   | 0     | 0   |
| -60°   | 13  | 8     | 4   | 1     | 0   | 0     | 0   |
| -62.5° | 12  | 8     | 4   | 1     | 0   | 0     | 0   |
| -65°   | 11  | 7     | 3   | 1     | 0   | 0     | 0   |
| -67.5° | 10  | 6     | 3   | 1     | 0   | 0     | 0   |
| -70°   | 9   | 6     | 3   | 1     | 0   | 0     | 0   |
| -72.5° | 8   | 5     | 3   | 1     | 0   | 0     | 0   |
| -75°   | 7   | 4     | 2   | 1     | 0   | 0     | 0   |
| -77.5° | 6   | 4     | 2   | 1     | 0   | 0     | 0   |
| -80°   | 5   | 3     | 2   | 1     | 0   | 0     | 0   |
| -82.5° | 4   | 2     | 1   | 0     | 0   | 0     | 0   |
| -85°   | 3   | 2     | 1   | 0     | 0   | 0     | 0   |
| -87.5° | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| -90°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |

(END OF REPORT)