

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: P627914 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-727-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627914 (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-SA6D-727-U-MR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (96) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

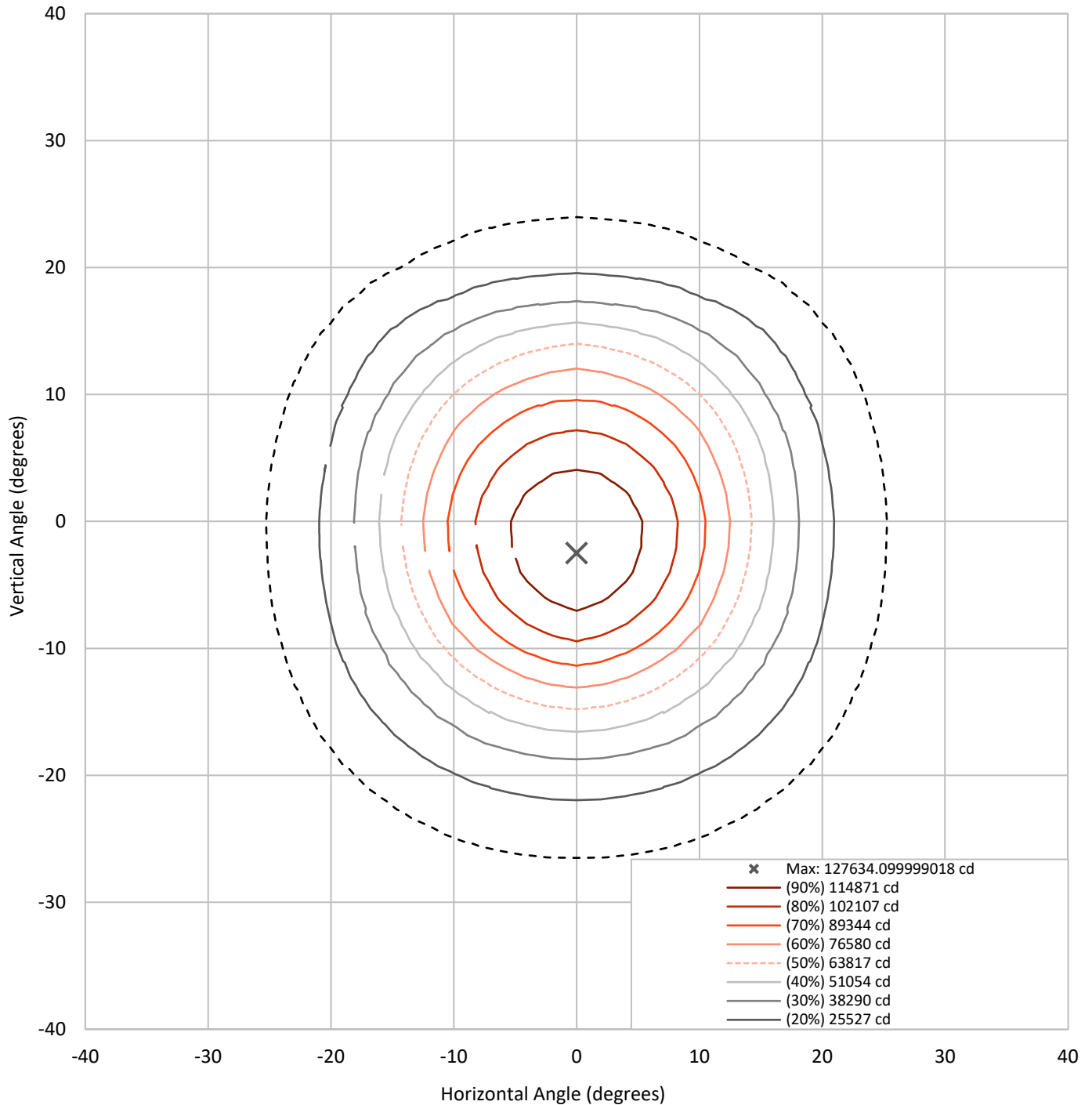
**Summary**

|                                   |                                      |                      |                  |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 4H x 4V          |
| Luminaire Lumens:                 | 36199.8 lumens                       | Max Intensity:       | 127634.1 candela |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x -2.5°V     |
| Efficacy:                         | 111.1 lumens/watt                    |                      |                  |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 1' 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:                      | 18100.3 lumens                       | Field Lumens:        | 31102.4 lumens   |
| Beam Efficiency:                  | 50.0%                                | Field Efficiency:    | 85.9%            |
| Input Watts (W):                  | 325.9                                |                      |                  |
| 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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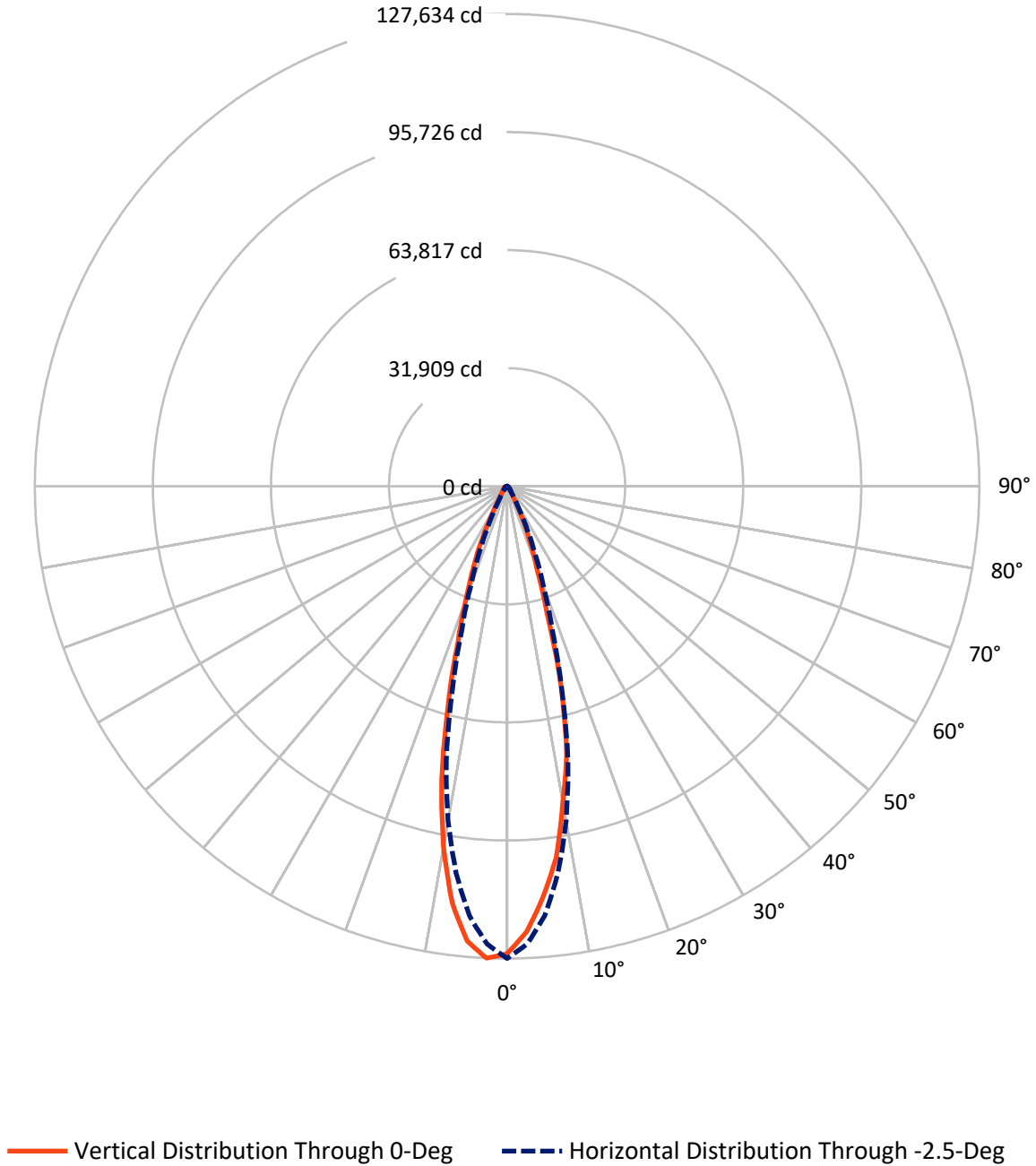
CATALOG NUMBER: GFLD-SA6D-727-U-MR-VSR-XX

### 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 |     |
| 70  | 0.0 | 0.0 | 0.0 | 0.0  | 0.1  | 0.2   | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.1  | 0.0  | 0.0 | 0.0 | 0.0 |
| 60  |     | 0.0 | 0.2 | 1.0  | 2.5  | 4.1   | 5.7    | 6.8    | 6.8    | 5.7    | 4.1   | 2.5  | 1.0  | 0.2 | 0.0 |     |
| 50  | 0.1 | 0.2 | 1.2 | 3.9  | 7.6  | 11.7  | 16.4   | 19.3   | 19.3   | 16.4   | 11.7  | 7.6  | 3.9  | 1.2 | 0.2 | 0.1 |
| 40  |     | 0.5 | 3.1 | 7.7  | 14.2 | 23.4  | 39.1   | 52.1   | 52.1   | 39.1   | 23.4  | 14.2 | 7.7  | 3.1 | 0.5 |     |
| 30  | 0.3 | 1.1 | 4.9 | 11.8 | 22.5 | 54.7  | 171.8  | 315.1  | 315.1  | 171.8  | 54.7  | 22.5 | 11.8 | 4.9 | 1.1 | 0.3 |
| 20  |     | 1.8 | 6.7 | 16.1 | 38.5 | 188.6 | 766.6  | 1501.1 | 1501.1 | 766.6  | 188.6 | 38.5 | 16.1 | 6.7 | 1.8 |     |
| 10  | 0.5 | 2.3 | 8.2 | 19.2 | 55.2 | 359.3 | 1547.9 | 3034.0 | 3034.0 | 1547.9 | 359.3 | 55.2 | 19.2 | 8.2 | 2.3 | 0.5 |
| 0   |     | 2.6 | 8.9 | 20.2 | 59.0 | 376.5 | 1588.3 | 3217.2 | 3217.2 | 1588.3 | 376.5 | 59.0 | 20.2 | 8.9 | 2.6 |     |
| -10 | 0.7 | 2.8 | 9.1 | 19.7 | 48.6 | 231.2 | 878.3  | 1702.5 | 1702.5 | 878.3  | 231.2 | 48.6 | 19.7 | 9.1 | 2.8 | 0.7 |
| -20 |     | 2.7 | 8.6 | 18.0 | 35.6 | 89.8  | 272.0  | 485.3  | 485.3  | 272.0  | 89.8  | 35.6 | 18.0 | 8.6 | 2.7 |     |
| -30 | 0.7 | 2.4 | 7.7 | 15.6 | 27.0 | 44.3  | 72.3   | 96.8   | 96.8   | 72.3   | 44.3  | 27.0 | 15.6 | 7.7 | 2.4 | 0.7 |
| -40 |     | 2.0 | 6.4 | 12.9 | 21.3 | 30.5  | 40.2   | 45.1   | 45.1   | 40.2   | 30.5  | 21.3 | 12.9 | 6.4 | 2.0 |     |
| -50 | 0.4 | 1.5 | 4.8 | 10.1 | 16.7 | 23.2  | 29.0   | 31.5   | 31.5   | 29.0   | 23.2  | 16.7 | 10.1 | 4.8 | 1.5 | 0.4 |
| -60 |     | 0.9 | 3.0 | 6.6  | 11.1 | 15.8  | 19.8   | 21.9   | 21.9   | 19.8   | 15.8  | 11.1 | 6.6  | 3.0 | 0.9 |     |
| -70 | 0.1 | 2.4 |     | 10.7 |      | 23.1  |        | 29.2   |        | 23.1   |       | 10.7 |      | 2.4 |     | 0.1 |
| -80 |     | 2.4 |     | 10.7 |      | 23.1  |        | 29.2   |        | 23.1   |       | 10.7 |      | 2.4 |     |     |
| -90 |     |     |     |      |      |       |        |        |        |        |       |      |      |     |     |     |

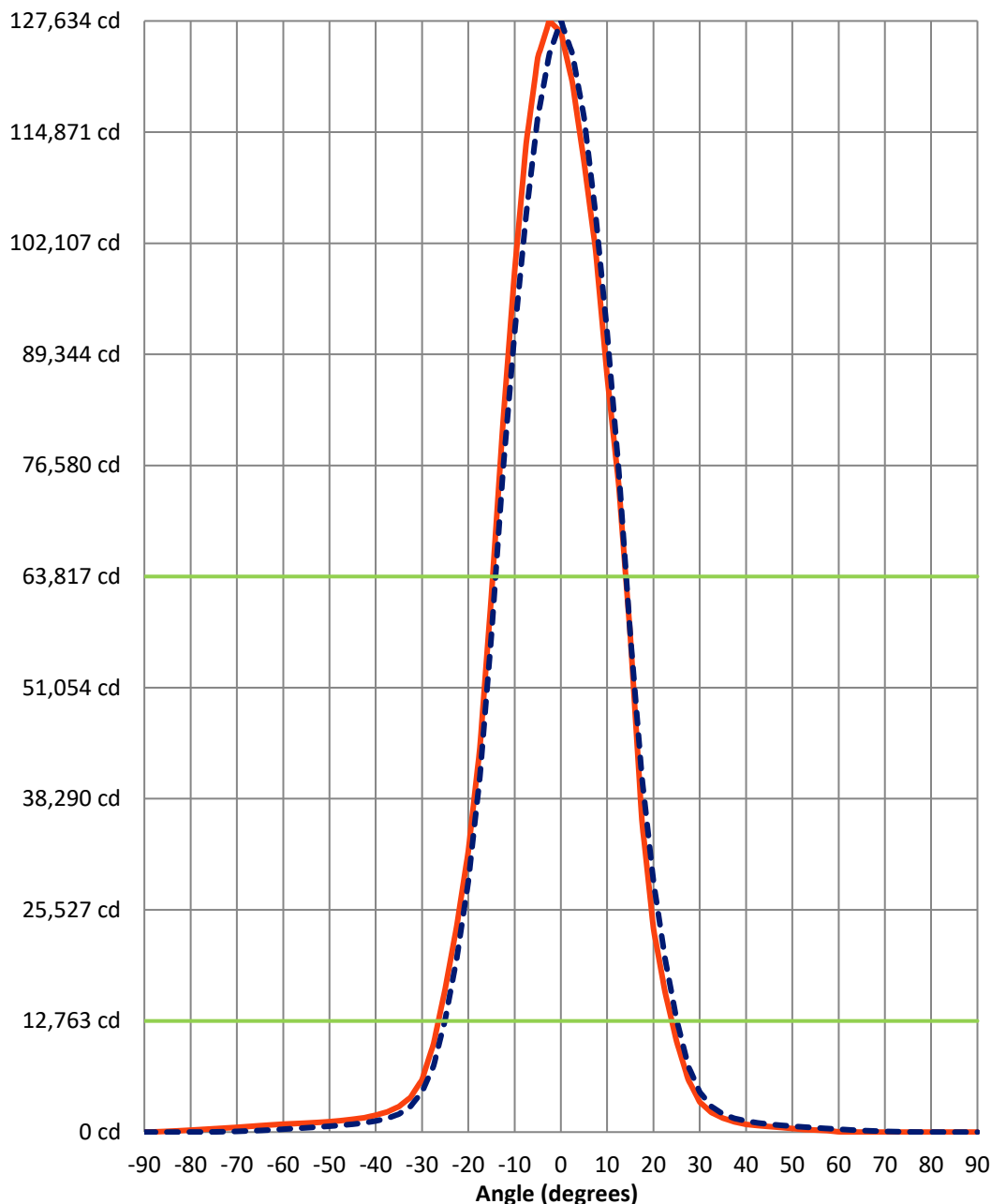
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 18100.3  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 31102.4  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 5097.4  
 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      | 1    |
| 60°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 2      | 2    |
| 57.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 3      | 3    |
| 55°    | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 0      | 4    | 5      | 3    |
| 52.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 2    | 2      | 6    | 5      | 4    |
| 50°    | 0    | 0      | 0    | 0      | 0    | 1      | 2    | 4      | 8    | 6      | 5    |
| 47.5°  | 0    | 0      | 0    | 0      | 0    | 2      | 3    | 6      | 8    | 6      | 7    |
| 45°    | 0    | 0      | 0    | 0      | 0    | 3      | 4    | 7      | 8    | 7      | 8    |
| 42.5°  | 0    | 0      | 0    | 0      | 0    | 3      | 5    | 8      | 8    | 8      | 13   |
| 40°    | 0    | 0      | 0    | 0      | 0    | 5      | 6    | 8      | 8    | 8      | 19   |
| 37.5°  | 0    | 0      | 0    | 0      | 1    | 6      | 7    | 8      | 10   | 12     | 26   |
| 35°    | 0    | 0      | 0    | 0      | 2    | 6      | 8    | 8      | 12   | 19     | 35   |
| 32.5°  | 0    | 0      | 0    | 0      | 3    | 7      | 8    | 8      | 15   | 27     | 44   |
| 30°    | 0    | 0      | 0    | 0      | 4    | 7      | 8    | 9      | 18   | 34     | 54   |
| 27.5°  | 0    | 0      | 0    | 0      | 4    | 8      | 8    | 11     | 23   | 41     | 64   |
| 25°    | 0    | 0      | 0    | 0      | 5    | 8      | 8    | 14     | 28   | 49     | 75   |
| 22.5°  | 0    | 0      | 0    | 0      | 6    | 8      | 8    | 17     | 34   | 57     | 90   |
| 20°    | 0    | 0      | 0    | 0      | 6    | 8      | 8    | 20     | 39   | 66     | 103  |
| 17.5°  | 0    | 0      | 0    | 0      | 7    | 8      | 8    | 23     | 44   | 75     | 116  |
| 15°    | 0    | 0      | 0    | 0      | 7    | 8      | 9    | 27     | 49   | 84     | 127  |
| 12.5°  | 0    | 0      | 0    | 0      | 7    | 8      | 10   | 31     | 53   | 93     | 137  |
| 10°    | 0    | 0      | 0    | 0      | 8    | 8      | 11   | 35     | 58   | 102    | 147  |
| 7.5°   | 0    | 0      | 0    | 0      | 8    | 8      | 13   | 39     | 62   | 110    | 156  |
| 5°     | 0    | 0      | 0    | 0      | 8    | 8      | 14   | 42     | 66   | 117    | 164  |
| 2.5°   | 0    | 0      | 0    | 0      | 8    | 8      | 15   | 45     | 69   | 123    | 171  |
| 0°     | 0    | 0      | 0    | 0      | 8    | 8      | 16   | 48     | 72   | 129    | 177  |
| -2.5°  | 0    | 0      | 0    | 1      | 8    | 9      | 19   | 49     | 79   | 133    | 182  |
| -5°    | 0    | 0      | 0    | 1      | 8    | 10     | 22   | 50     | 86   | 137    | 186  |
| -7.5°  | 0    | 0      | 0    | 2      | 8    | 11     | 25   | 51     | 91   | 140    | 189  |
| -10°   | 0    | 0      | 0    | 2      | 8    | 11     | 27   | 51     | 95   | 142    | 191  |
| -12.5° | 0    | 0      | 0    | 2      | 8    | 12     | 29   | 51     | 98   | 144    | 195  |
| -15°   | 0    | 0      | 0    | 3      | 7    | 12     | 31   | 52     | 99   | 146    | 199  |
| -17.5° | 0    | 0      | 0    | 3      | 7    | 13     | 32   | 53     | 98   | 147    | 201  |
| -20°   | 0    | 0      | 0    | 3      | 7    | 13     | 32   | 56     | 96   | 147    | 201  |

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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    | 4      | 7    | 13     | 33   | 58     | 94   | 145    | 198  |
| -25°   | 0    | 0      | 0    | 4      | 8    | 14     | 33   | 59     | 92   | 142    | 193  |
| -27.5° | 0    | 0      | 0    | 4      | 8    | 15     | 33   | 60     | 89   | 138    | 189  |
| -30°   | 0    | 0      | 0    | 4      | 8    | 16     | 33   | 60     | 88   | 133    | 183  |
| -32.5° | 0    | 0      | 0    | 3      | 9    | 16     | 33   | 59     | 88   | 128    | 176  |
| -35°   | 0    | 0      | 0    | 3      | 10   | 16     | 33   | 58     | 87   | 123    | 166  |
| -37.5° | 0    | 0      | 0    | 3      | 10   | 16     | 33   | 57     | 85   | 118    | 162  |
| -40°   | 0    | 0      | 0    | 2      | 10   | 17     | 32   | 55     | 82   | 114    | 158  |
| -42.5° | 0    | 0      | 0    | 2      | 10   | 17     | 32   | 53     | 79   | 111    | 152  |
| -45°   | 0    | 0      | 0    | 1      | 10   | 18     | 30   | 51     | 76   | 106    | 145  |
| -47.5° | 0    | 0      | 0    | 1      | 9    | 17     | 28   | 49     | 73   | 99     | 137  |
| -50°   | 0    | 0      | 0    | 1      | 9    | 17     | 27   | 46     | 69   | 94     | 128  |
| -52.5° | 0    | 0      | 0    | 1      | 8    | 16     | 26   | 42     | 64   | 88     | 117  |
| -55°   | 0    | 0      | 0    | 2      | 7    | 15     | 25   | 38     | 59   | 82     | 109  |
| -57.5° | 0    | 0      | 0    | 2      | 7    | 14     | 23   | 35     | 53   | 74     | 99   |
| -60°   | 0    | 0      | 0    | 2      | 6    | 13     | 21   | 32     | 47   | 67     | 89   |
| -62.5° | 0    | 0      | 0    | 2      | 6    | 12     | 19   | 29     | 43   | 59     | 79   |
| -65°   | 0    | 0      | 0    | 2      | 6    | 11     | 18   | 26     | 38   | 52     | 69   |
| -67.5° | 0    | 0      | 0    | 2      | 5    | 10     | 17   | 24     | 33   | 46     | 61   |
| -70°   | 0    | 0      | 0    | 2      | 5    | 9      | 15   | 21     | 29   | 39     | 52   |
| -72.5° | 0    | 0      | 0    | 2      | 4    | 8      | 13   | 18     | 25   | 33     | 44   |
| -75°   | 0    | 0      | 0    | 1      | 4    | 7      | 12   | 16     | 20   | 27     | 35   |
| -77.5° | 0    | 0      | 0    | 1      | 3    | 6      | 10   | 13     | 16   | 20     | 26   |
| -80°   | 0    | 0      | 0    | 1      | 3    | 5      | 8    | 10     | 12   | 15     | 19   |
| -82.5° | 0    | 0      | 0    | 1      | 2    | 4      | 6    | 7      | 8    | 10     | 12   |
| -85°   | 0    | 0      | 0    | 1      | 1    | 3      | 4    | 5      | 5    | 6      | 7    |
| -87.5° | 0    | 0      | 0    | 0      | 1    | 1      | 2    | 2      | 3    | 3      | 3    |
| -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      | 2    | 1      | 2    | 3      |
| 60°    | 1      | 0    | 1      | 2    | 2      | 4    | 5      | 6    | 7      | 8    | 16     |
| 57.5°  | 1      | 2    | 4      | 4    | 6      | 9    | 13     | 15   | 25     | 37   | 44     |
| 55°    | 2      | 5    | 6      | 7    | 12     | 19   | 26     | 40   | 54     | 70   | 85     |
| 52.5°  | 5      | 8    | 7      | 12   | 23     | 35   | 51     | 70   | 91     | 107  | 121    |
| 50°    | 7      | 9    | 10     | 26   | 40     | 58   | 83     | 109  | 128    | 143  | 166    |
| 47.5°  | 11     | 12   | 24     | 41   | 62     | 89   | 122    | 144  | 162    | 191  | 224    |
| 45°    | 15     | 23   | 39     | 61   | 89     | 126  | 155    | 176  | 207    | 241  | 276    |
| 42.5°  | 21     | 36   | 57     | 80   | 123    | 160  | 187    | 218  | 251    | 290  | 326    |
| 40°    | 31     | 48   | 77     | 113  | 157    | 192  | 227    | 261  | 296    | 340  | 380    |
| 37.5°  | 42     | 66   | 99     | 144  | 188    | 227  | 267    | 306  | 349    | 395  | 441    |
| 35°    | 51     | 85   | 125    | 172  | 218    | 265  | 308    | 353  | 406    | 458  | 510    |
| 32.5°  | 65     | 104  | 149    | 199  | 248    | 300  | 348    | 406  | 462    | 518  | 582    |
| 30°    | 82     | 124  | 171    | 225  | 277    | 332  | 394    | 458  | 513    | 576  | 645    |
| 27.5°  | 100    | 143  | 194    | 250  | 304    | 364  | 438    | 502  | 562    | 630  | 705    |
| 25°    | 117    | 162  | 216    | 272  | 331    | 400  | 480    | 545  | 608    | 684  | 773    |
| 22.5°  | 133    | 181  | 240    | 293  | 358    | 437  | 518    | 592  | 664    | 739  | 842    |
| 20°    | 149    | 202  | 263    | 320  | 384    | 473  | 558    | 641  | 724    | 818  | 934    |
| 17.5°  | 165    | 222  | 286    | 349  | 420    | 508  | 598    | 689  | 782    | 898  | 1042   |
| 15°    | 179    | 240  | 308    | 376  | 453    | 542  | 637    | 737  | 846    | 981  | 1146   |
| 12.5°  | 192    | 256  | 329    | 402  | 482    | 574  | 671    | 776  | 902    | 1064 | 1269   |
| 10°    | 205    | 271  | 349    | 425  | 507    | 602  | 702    | 811  | 946    | 1120 | 1360   |
| 7.5°   | 216    | 285  | 368    | 445  | 529    | 627  | 728    | 841  | 983    | 1167 | 1433   |
| 5°     | 226    | 299  | 382    | 460  | 546    | 646  | 748    | 866  | 1012   | 1205 | 1492   |
| 2.5°   | 234    | 311  | 393    | 473  | 560    | 658  | 762    | 881  | 1032   | 1240 | 1538   |
| 0°     | 241    | 321  | 402    | 482  | 571    | 667  | 771    | 892  | 1045   | 1270 | 1567   |
| -2.5°  | 249    | 332  | 411    | 492  | 581    | 675  | 780    | 901  | 1059   | 1278 | 1574   |
| -5°    | 255    | 340  | 418    | 500  | 589    | 681  | 785    | 906  | 1065   | 1280 | 1578   |
| -7.5°  | 259    | 346  | 423    | 505  | 595    | 686  | 789    | 910  | 1069   | 1277 | 1576   |
| -10°   | 262    | 349  | 427    | 510  | 600    | 690  | 789    | 908  | 1064   | 1264 | 1551   |
| -12.5° | 267    | 351  | 430    | 512  | 602    | 691  | 787    | 900  | 1048   | 1239 | 1501   |
| -15°   | 270    | 351  | 430    | 511  | 600    | 690  | 780    | 886  | 1025   | 1208 | 1436   |
| -17.5° | 271    | 350  | 428    | 507  | 596    | 686  | 771    | 873  | 1003   | 1174 | 1391   |
| -20°   | 271    | 348  | 424    | 499  | 589    | 678  | 763    | 862  | 982    | 1134 | 1329   |

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REPORT NUMBER: P627914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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° | 269    | 346  | 418    | 492  | 578    | 666  | 752    | 845  | 956    | 1084 | 1259   |
| -25°   | 265    | 341  | 412    | 485  | 565    | 650  | 736    | 822  | 928    | 1050 | 1199   |
| -27.5° | 258    | 335  | 405    | 477  | 552    | 632  | 716    | 801  | 898    | 1010 | 1138   |
| -30°   | 248    | 325  | 395    | 466  | 539    | 615  | 693    | 777  | 864    | 968  | 1085   |
| -32.5° | 236    | 313  | 383    | 452  | 525    | 598  | 668    | 749  | 834    | 923  | 1029   |
| -35°   | 226    | 299  | 368    | 435  | 509    | 578  | 645    | 717  | 799    | 883  | 972    |
| -37.5° | 219    | 285  | 353    | 417  | 487    | 556  | 619    | 686  | 760    | 842  | 923    |
| -40°   | 211    | 269  | 337    | 399  | 462    | 531  | 594    | 654  | 720    | 799  | 877    |
| -42.5° | 201    | 258  | 319    | 381  | 441    | 503  | 568    | 625  | 687    | 760  | 833    |
| -45°   | 193    | 246  | 302    | 362  | 421    | 477  | 537    | 597  | 658    | 722  | 791    |
| -47.5° | 182    | 233  | 287    | 340  | 398    | 455  | 507    | 565  | 628    | 688  | 749    |
| -50°   | 170    | 219  | 268    | 318  | 372    | 429  | 483    | 533  | 590    | 650  | 710    |
| -52.5° | 157    | 203  | 248    | 294  | 344    | 398  | 454    | 505  | 554    | 606  | 663    |
| -55°   | 141    | 184  | 227    | 270  | 315    | 365  | 418    | 470  | 521    | 568  | 617    |
| -57.5° | 128    | 163  | 205    | 247  | 288    | 330  | 380    | 430  | 479    | 528  | 577    |
| -60°   | 115    | 145  | 180    | 221  | 261    | 301  | 343    | 389  | 436    | 481  | 526    |
| -62.5° | 101    | 128  | 158    | 192  | 230    | 270  | 309    | 349  | 392    | 430  | 469    |
| -65°   | 89     | 111  | 137    | 166  | 198    | 232  | 269    | 308  | 346    | 378  | 408    |
| -67.5° | 76     | 95   | 116    | 140  | 168    | 197  | 226    | 260  | 295    | 324  | 352    |
| -70°   | 66     | 79   | 96     | 116  | 139    | 162  | 189    | 215  | 242    | 268  | 295    |
| -72.5° | 55     | 67   | 79     | 93   | 112    | 133  | 154    | 175  | 197    | 221  | 243    |
| -75°   | 45     | 54   | 65     | 76   | 90     | 106  | 124    | 143  | 161    | 179  | 197    |
| -77.5° | 34     | 43   | 51     | 60   | 70     | 82   | 96     | 111  | 126    | 141  | 156    |
| -80°   | 25     | 31   | 39     | 46   | 54     | 62   | 70     | 80   | 91     | 102  | 114    |
| -82.5° | 17     | 22   | 27     | 33   | 37     | 42   | 47     | 53   | 61     | 69   | 77     |
| -85°   | 9      | 12   | 16     | 20   | 22     | 24   | 27     | 29   | 34     | 39   | 44     |
| -87.5° | 5      | 6    | 8      | 9    | 10     | 10   | 11     | 11   | 13     | 15   | 18     |
| -90°   | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |



REPORT NUMBER: P627914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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      | 2     | 2      | 1     | 0      | 0     |
| 62.5°  | 2    | 4      | 6    | 8      | 9     | 10     | 10    | 11     | 11    | 11     | 11    |
| 60°    | 20   | 20     | 30   | 37     | 36    | 28     | 40    | 45     | 43    | 37     | 37    |
| 57.5°  | 56   | 70     | 81   | 84     | 95    | 112    | 117   | 115    | 117   | 122    | 137   |
| 55°    | 99   | 109    | 117  | 134    | 150   | 166    | 177   | 186    | 195   | 206    | 218   |
| 52.5°  | 134  | 153    | 166  | 183    | 204   | 217    | 223   | 246    | 265   | 280    | 290   |
| 50°    | 191  | 210    | 232  | 254    | 275   | 294    | 310   | 333    | 359   | 387    | 404   |
| 47.5°  | 251  | 276    | 303  | 335    | 359   | 377    | 398   | 429    | 465   | 497    | 518   |
| 45°    | 307  | 335    | 369  | 401    | 427   | 453    | 484   | 522    | 558   | 591    | 617   |
| 42.5°  | 356  | 389    | 425  | 461    | 484   | 524    | 568   | 606    | 652   | 694    | 725   |
| 40°    | 414  | 446    | 498  | 535    | 567   | 609    | 673   | 730    | 784   | 835    | 867   |
| 37.5°  | 484  | 537    | 593  | 638    | 681   | 734    | 822   | 909    | 977   | 1046   | 1095  |
| 35°    | 566  | 630    | 700  | 750    | 813   | 912    | 1022  | 1141   | 1261  | 1357   | 1443  |
| 32.5°  | 645  | 715    | 787  | 866    | 963   | 1103   | 1241  | 1433   | 1610  | 1791   | 1962  |
| 30°    | 715  | 795    | 882  | 983    | 1141  | 1335   | 1560  | 1853   | 2171  | 2488   | 2849  |
| 27.5°  | 790  | 877    | 981  | 1142   | 1381  | 1646   | 2060  | 2522   | 3180  | 3709   | 4562  |
| 25°    | 871  | 970    | 1111 | 1367   | 1697  | 2164   | 2888  | 3711   | 5072  | 6234   | 7545  |
| 22.5°  | 969  | 1121   | 1321 | 1642   | 2193  | 3033   | 4158  | 5952   | 8042  | 9982   | 11833 |
| 20°    | 1090 | 1295   | 1637 | 2149   | 2940  | 4232   | 6365  | 9086   | 11992 | 14831  | 17578 |
| 17.5°  | 1250 | 1576   | 2065 | 2793   | 3913  | 6629   | 9804  | 13692  | 18667 | 22405  | 25949 |
| 15°    | 1396 | 1808   | 2547 | 3726   | 5835  | 9330   | 13768 | 19720  | 26419 | 32052  | 38423 |
| 12.5°  | 1568 | 2067   | 2957 | 4486   | 7501  | 12121  | 17777 | 24876  | 32804 | 41354  | 51334 |
| 10°    | 1718 | 2331   | 3477 | 5581   | 9239  | 14615  | 20954 | 29287  | 39470 | 51568  | 64182 |
| 7.5°   | 1835 | 2552   | 3912 | 6402   | 10702 | 16662  | 24223 | 34358  | 47255 | 61394  | 75779 |
| 5°     | 1924 | 2723   | 4253 | 7046   | 11948 | 18323  | 26609 | 38369  | 53070 | 69299  | 83604 |
| 2.5°   | 1995 | 2843   | 4479 | 7442   | 12789 | 19457  | 28240 | 40502  | 56628 | 74461  | 89480 |
| 0°     | 2049 | 2917   | 4605 | 7723   | 13180 | 19995  | 28995 | 41363  | 58296 | 76989  | 92435 |
| -2.5°  | 2068 | 2956   | 4611 | 7625   | 12942 | 19962  | 28819 | 40835  | 57145 | 75985  | 91808 |
| -5°    | 2075 | 2936   | 4495 | 7423   | 12520 | 19246  | 27665 | 38829  | 53633 | 71303  | 87338 |
| -7.5°  | 2060 | 2858   | 4259 | 6926   | 11573 | 17982  | 26054 | 35853  | 47987 | 63567  | 80140 |
| -10°   | 2004 | 2720   | 3940 | 6251   | 10270 | 16009  | 23545 | 31824  | 41518 | 54237  | 67667 |
| -12.5° | 1904 | 2516   | 3499 | 5240   | 8735  | 13777  | 20450 | 27769  | 35324 | 43682  | 54729 |
| -15°   | 1784 | 2305   | 3139 | 4628   | 7314  | 11432  | 16836 | 23017  | 29287 | 35688  | 42427 |
| -17.5° | 1693 | 2123   | 2770 | 3809   | 5616  | 8945   | 13266 | 18234  | 23321 | 28403  | 32942 |
| -20°   | 1577 | 1905   | 2411 | 3219   | 4531  | 6501   | 9751  | 13616  | 17417 | 21562  | 25040 |

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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° | 1474 | 1753   | 2131 | 2640   | 3523 | 4909   | 6762 | 9483   | 12371 | 15382  | 18238 |
| -25°   | 1376 | 1587   | 1887 | 2296   | 2823 | 3648   | 4872 | 6294   | 8321  | 10173  | 12294 |
| -27.5° | 1294 | 1471   | 1675 | 1977   | 2376 | 2828   | 3579 | 4409   | 5472  | 6355   | 7771  |
| -30°   | 1214 | 1356   | 1524 | 1718   | 2011 | 2355   | 2758 | 3262   | 3782  | 4303   | 4981  |
| -32.5° | 1140 | 1259   | 1391 | 1548   | 1729 | 1987   | 2238 | 2560   | 2845  | 3158   | 3481  |
| -35°   | 1067 | 1173   | 1282 | 1406   | 1545 | 1715   | 1903 | 2117   | 2306  | 2495   | 2665  |
| -37.5° | 1005 | 1093   | 1188 | 1286   | 1398 | 1516   | 1664 | 1815   | 1942  | 2065   | 2170  |
| -40°   | 952  | 1025   | 1104 | 1186   | 1276 | 1371   | 1486 | 1597   | 1683  | 1762   | 1829  |
| -42.5° | 904  | 969    | 1030 | 1100   | 1174 | 1262   | 1351 | 1436   | 1495  | 1550   | 1594  |
| -45°   | 858  | 914    | 971  | 1027   | 1088 | 1165   | 1241 | 1307   | 1354  | 1395   | 1428  |
| -47.5° | 809  | 859    | 911  | 963    | 1022 | 1082   | 1144 | 1193   | 1234  | 1270   | 1294  |
| -50°   | 761  | 811    | 857  | 900    | 953  | 1007   | 1060 | 1102   | 1138  | 1169   | 1186  |
| -52.5° | 714  | 762    | 808  | 853    | 896  | 938    | 980  | 1020   | 1056  | 1088   | 1100  |
| -55°   | 669  | 716    | 757  | 799    | 840  | 880    | 918  | 953    | 985   | 1016   | 1026  |
| -57.5° | 624  | 672    | 716  | 750    | 785  | 821    | 857  | 891    | 923   | 950    | 961   |
| -60°   | 573  | 621    | 660  | 693    | 727  | 761    | 792  | 823    | 854   | 881    | 893   |
| -62.5° | 512  | 556    | 591  | 623    | 654  | 684    | 712  | 741    | 768   | 791    | 804   |
| -65°   | 441  | 478    | 513  | 544    | 572  | 599    | 626  | 651    | 674   | 692    | 703   |
| -67.5° | 379  | 406    | 436  | 464    | 492  | 519    | 542  | 565    | 586   | 600    | 610   |
| -70°   | 320  | 345    | 370  | 396    | 421  | 444    | 465  | 485    | 504   | 517    | 527   |
| -72.5° | 265  | 287    | 310  | 334    | 356  | 376    | 394  | 411    | 428   | 439    | 448   |
| -75°   | 215  | 234    | 254  | 273    | 293  | 309    | 323  | 338    | 351   | 361    | 370   |
| -77.5° | 171  | 186    | 200  | 214    | 229  | 242    | 254  | 265    | 276   | 284    | 291   |
| -80°   | 127  | 138    | 150  | 160    | 171  | 180    | 189  | 198    | 207   | 214    | 220   |
| -82.5° | 86   | 94     | 103  | 112    | 120  | 126    | 130  | 135    | 139   | 144    | 150   |
| -85°   | 50   | 55     | 60   | 66     | 71   | 75     | 78   | 81     | 85    | 88     | 91    |
| -87.5° | 20   | 22     | 24   | 27     | 29   | 30     | 30   | 31     | 31    | 33     | 36    |
| -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     | 1     | 2     |
| 62.5°  | 10     | 8      | 8      | 8      | 8      | 8      | 10     | 11    | 11    | 11    | 11    |
| 60°    | 35     | 32     | 32     | 32     | 32     | 32     | 35     | 37    | 37    | 43    | 45    |
| 57.5°  | 150    | 161    | 167    | 169    | 167    | 161    | 150    | 137   | 122   | 117   | 115   |
| 55°    | 228    | 236    | 237    | 233    | 237    | 236    | 228    | 218   | 206   | 195   | 186   |
| 52.5°  | 294    | 295    | 293    | 289    | 293    | 295    | 294    | 290   | 280   | 265   | 246   |
| 50°    | 409    | 407    | 408    | 410    | 408    | 407    | 409    | 404   | 387   | 359   | 333   |
| 47.5°  | 526    | 531    | 533    | 530    | 533    | 531    | 526    | 518   | 497   | 465   | 429   |
| 45°    | 628    | 636    | 638    | 635    | 638    | 636    | 628    | 617   | 591   | 558   | 522   |
| 42.5°  | 738    | 743    | 745    | 747    | 745    | 743    | 738    | 725   | 694   | 652   | 606   |
| 40°    | 882    | 888    | 887    | 884    | 887    | 888    | 882    | 867   | 835   | 784   | 730   |
| 37.5°  | 1128   | 1144   | 1152   | 1173   | 1152   | 1144   | 1128   | 1095  | 1046  | 977   | 909   |
| 35°    | 1510   | 1551   | 1573   | 1607   | 1573   | 1551   | 1510   | 1443  | 1357  | 1261  | 1141  |
| 32.5°  | 2085   | 2169   | 2214   | 2258   | 2214   | 2169   | 2085   | 1962  | 1791  | 1610  | 1433  |
| 30°    | 3100   | 3265   | 3332   | 3456   | 3332   | 3265   | 3100   | 2849  | 2488  | 2171  | 1853  |
| 27.5°  | 5188   | 5581   | 5736   | 6059   | 5736   | 5581   | 5188   | 4562  | 3709  | 3180  | 2522  |
| 25°    | 8739   | 9586   | 10054  | 10423  | 10054  | 9586   | 8739   | 7545  | 6234  | 5072  | 3711  |
| 22.5°  | 13701  | 14943  | 15607  | 16097  | 15607  | 14943  | 13701  | 11833 | 9982  | 8042  | 5952  |
| 20°    | 20068  | 21707  | 22684  | 23394  | 22684  | 21707  | 20068  | 17578 | 14831 | 11992 | 9086  |
| 17.5°  | 30499  | 33075  | 34581  | 35875  | 34581  | 33075  | 30499  | 25949 | 22405 | 18667 | 13692 |
| 15°    | 45532  | 50707  | 54730  | 56970  | 54730  | 50707  | 45532  | 38423 | 32052 | 26419 | 19720 |
| 12.5°  | 60156  | 67737  | 72241  | 74313  | 72241  | 67737  | 60156  | 51334 | 41354 | 32804 | 24876 |
| 10°    | 74619  | 81767  | 86052  | 86809  | 86052  | 81767  | 74619  | 64182 | 51568 | 39470 | 29287 |
| 7.5°   | 85692  | 93552  | 99246  | 101315 | 99246  | 93552  | 85692  | 75779 | 61394 | 47255 | 34358 |
| 5°     | 95471  | 104675 | 110701 | 111465 | 110701 | 104675 | 95471  | 83604 | 69299 | 53070 | 38369 |
| 2.5°   | 102665 | 112671 | 118514 | 120522 | 118514 | 112671 | 102665 | 89480 | 74461 | 56628 | 40502 |
| 0°     | 106145 | 116922 | 123423 | 126348 | 123423 | 116922 | 106145 | 92435 | 76989 | 58296 | 41363 |
| -2.5°  | 105413 | 116559 | 123816 | 127634 | 123816 | 116559 | 105413 | 91808 | 75985 | 57145 | 40835 |
| -5°    | 101405 | 112583 | 119350 | 123407 | 119350 | 112583 | 101405 | 87338 | 71303 | 53633 | 38829 |
| -7.5°  | 92162  | 102616 | 109819 | 113562 | 109819 | 102616 | 92162  | 80140 | 63567 | 47987 | 35853 |
| -10°   | 80252  | 89099  | 95665  | 98856  | 95665  | 89099  | 80252  | 67667 | 54237 | 41518 | 31824 |
| -12.5° | 64776  | 73358  | 79281  | 81537  | 79281  | 73358  | 64776  | 54729 | 43682 | 35324 | 27769 |
| -15°   | 49630  | 56180  | 60388  | 61720  | 60388  | 56180  | 49630  | 42427 | 35688 | 29287 | 23017 |
| -17.5° | 37637  | 41163  | 43530  | 44168  | 43530  | 41163  | 37637  | 32942 | 28403 | 23321 | 18234 |
| -20°   | 28197  | 30382  | 31918  | 32282  | 31918  | 30382  | 28197  | 25040 | 21562 | 17417 | 13616 |

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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° | 20545 | 22188 | 23428 | 23675 | 23428 | 22188 | 20545 | 18238 | 15382 | 12371 | 9483  |
| -25°   | 14172 | 15546 | 16387 | 16451 | 16387 | 15546 | 14172 | 12294 | 10173 | 8321  | 6294  |
| -27.5° | 8885  | 9639  | 10029 | 10166 | 10029 | 9639  | 8885  | 7771  | 6355  | 5472  | 4409  |
| -30°   | 5490  | 5838  | 6021  | 6027  | 6021  | 5838  | 5490  | 4981  | 4303  | 3782  | 3262  |
| -32.5° | 3727  | 3895  | 3987  | 3986  | 3987  | 3895  | 3727  | 3481  | 3158  | 2845  | 2560  |
| -35°   | 2792  | 2879  | 2928  | 2933  | 2928  | 2879  | 2792  | 2665  | 2495  | 2306  | 2117  |
| -37.5° | 2245  | 2293  | 2318  | 2323  | 2318  | 2293  | 2245  | 2170  | 2065  | 1942  | 1815  |
| -40°   | 1877  | 1910  | 1931  | 1945  | 1931  | 1910  | 1877  | 1829  | 1762  | 1683  | 1597  |
| -42.5° | 1623  | 1645  | 1655  | 1648  | 1655  | 1645  | 1623  | 1594  | 1550  | 1495  | 1436  |
| -45°   | 1446  | 1459  | 1467  | 1471  | 1467  | 1459  | 1446  | 1428  | 1395  | 1354  | 1307  |
| -47.5° | 1305  | 1312  | 1316  | 1318  | 1316  | 1312  | 1305  | 1294  | 1270  | 1234  | 1193  |
| -50°   | 1194  | 1200  | 1201  | 1197  | 1201  | 1200  | 1194  | 1186  | 1169  | 1138  | 1102  |
| -52.5° | 1105  | 1106  | 1108  | 1109  | 1108  | 1106  | 1105  | 1100  | 1088  | 1056  | 1020  |
| -55°   | 1031  | 1034  | 1036  | 1037  | 1036  | 1034  | 1031  | 1026  | 1016  | 985   | 953   |
| -57.5° | 969   | 976   | 976   | 972   | 976   | 976   | 969   | 961   | 950   | 923   | 891   |
| -60°   | 903   | 911   | 915   | 916   | 915   | 911   | 903   | 893   | 881   | 854   | 823   |
| -62.5° | 814   | 822   | 827   | 828   | 827   | 822   | 814   | 804   | 791   | 768   | 741   |
| -65°   | 712   | 719   | 729   | 739   | 729   | 719   | 712   | 703   | 692   | 674   | 651   |
| -67.5° | 618   | 624   | 633   | 643   | 633   | 624   | 618   | 610   | 600   | 586   | 565   |
| -70°   | 536   | 543   | 546   | 547   | 546   | 543   | 536   | 527   | 517   | 504   | 485   |
| -72.5° | 457   | 464   | 466   | 466   | 466   | 464   | 457   | 448   | 439   | 428   | 411   |
| -75°   | 377   | 384   | 385   | 386   | 385   | 384   | 377   | 370   | 361   | 351   | 338   |
| -77.5° | 298   | 304   | 305   | 305   | 305   | 304   | 298   | 291   | 284   | 276   | 265   |
| -80°   | 226   | 232   | 229   | 225   | 229   | 232   | 226   | 220   | 214   | 207   | 198   |
| -82.5° | 155   | 160   | 157   | 153   | 157   | 160   | 155   | 150   | 144   | 139   | 135   |
| -85°   | 93    | 96    | 92    | 88    | 92    | 96    | 93    | 91    | 88    | 85    | 81    |
| -87.5° | 38    | 40    | 36    | 32    | 36    | 40    | 38    | 36    | 33    | 31    | 31    |
| -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°    | 2     | 1     | 0     | 0     | 0    | 0     | 0    | 0     | 0    | 0     | 0   |
| 62.5°  | 10    | 10    | 9     | 8     | 6    | 4     | 2    | 3     | 2    | 1     | 2   |
| 60°    | 40    | 28    | 36    | 37    | 30   | 20    | 20   | 16    | 8    | 7     | 6   |
| 57.5°  | 117   | 112   | 95    | 84    | 81   | 70    | 56   | 44    | 37   | 25    | 15  |
| 55°    | 177   | 166   | 150   | 134   | 117  | 109   | 99   | 85    | 70   | 54    | 40  |
| 52.5°  | 223   | 217   | 204   | 183   | 166  | 153   | 134  | 121   | 107  | 91    | 70  |
| 50°    | 310   | 294   | 275   | 254   | 232  | 210   | 191  | 166   | 143  | 128   | 109 |
| 47.5°  | 398   | 377   | 359   | 335   | 303  | 276   | 251  | 224   | 191  | 162   | 144 |
| 45°    | 484   | 453   | 427   | 401   | 369  | 335   | 307  | 276   | 241  | 207   | 176 |
| 42.5°  | 568   | 524   | 484   | 461   | 425  | 389   | 356  | 326   | 290  | 251   | 218 |
| 40°    | 673   | 609   | 567   | 535   | 498  | 446   | 414  | 380   | 340  | 296   | 261 |
| 37.5°  | 822   | 734   | 681   | 638   | 593  | 537   | 484  | 441   | 395  | 349   | 306 |
| 35°    | 1022  | 912   | 813   | 750   | 700  | 630   | 566  | 510   | 458  | 406   | 353 |
| 32.5°  | 1241  | 1103  | 963   | 866   | 787  | 715   | 645  | 582   | 518  | 462   | 406 |
| 30°    | 1560  | 1335  | 1141  | 983   | 882  | 795   | 715  | 645   | 576  | 513   | 458 |
| 27.5°  | 2060  | 1646  | 1381  | 1142  | 981  | 877   | 790  | 705   | 630  | 562   | 502 |
| 25°    | 2888  | 2164  | 1697  | 1367  | 1111 | 970   | 871  | 773   | 684  | 608   | 545 |
| 22.5°  | 4158  | 3033  | 2193  | 1642  | 1321 | 1121  | 969  | 842   | 739  | 664   | 592 |
| 20°    | 6365  | 4232  | 2940  | 2149  | 1637 | 1295  | 1090 | 934   | 818  | 724   | 641 |
| 17.5°  | 9804  | 6629  | 3913  | 2793  | 2065 | 1576  | 1250 | 1042  | 898  | 782   | 689 |
| 15°    | 13768 | 9330  | 5835  | 3726  | 2547 | 1808  | 1396 | 1146  | 981  | 846   | 737 |
| 12.5°  | 17777 | 12121 | 7501  | 4486  | 2957 | 2067  | 1568 | 1269  | 1064 | 902   | 776 |
| 10°    | 20954 | 14615 | 9239  | 5581  | 3477 | 2331  | 1718 | 1360  | 1120 | 946   | 811 |
| 7.5°   | 24223 | 16662 | 10702 | 6402  | 3912 | 2552  | 1835 | 1433  | 1167 | 983   | 841 |
| 5°     | 26609 | 18323 | 11948 | 7046  | 4253 | 2723  | 1924 | 1492  | 1205 | 1012  | 866 |
| 2.5°   | 28240 | 19457 | 12789 | 7442  | 4479 | 2843  | 1995 | 1538  | 1240 | 1032  | 881 |
| 0°     | 28995 | 19995 | 13180 | 7723  | 4605 | 2917  | 2049 | 1567  | 1270 | 1045  | 892 |
| -2.5°  | 28819 | 19962 | 12942 | 7625  | 4611 | 2956  | 2068 | 1574  | 1278 | 1059  | 901 |
| -5°    | 27665 | 19246 | 12520 | 7423  | 4495 | 2936  | 2075 | 1578  | 1280 | 1065  | 906 |
| -7.5°  | 26054 | 17982 | 11573 | 6926  | 4259 | 2858  | 2060 | 1576  | 1277 | 1069  | 910 |
| -10°   | 23545 | 16009 | 10270 | 6251  | 3940 | 2720  | 2004 | 1551  | 1264 | 1064  | 908 |
| -12.5° | 20450 | 13777 | 8735  | 5240  | 3499 | 2516  | 1904 | 1501  | 1239 | 1048  | 900 |
| -15°   | 16836 | 11432 | 7314  | 4628  | 3139 | 2305  | 1784 | 1436  | 1208 | 1025  | 886 |
| -17.5° | 13266 | 8945  | 5616  | 3809  | 2770 | 2123  | 1693 | 1391  | 1174 | 1003  | 873 |
| -20°   | 9751  | 6501  | 4531  | 3219  | 2411 | 1905  | 1577 | 1329  | 1134 | 982   | 862 |

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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° | 6762 | 4909  | 3523 | 2640  | 2131 | 1753  | 1474 | 1259  | 1084 | 956   | 845 |
| -25°   | 4872 | 3648  | 2823 | 2296  | 1887 | 1587  | 1376 | 1199  | 1050 | 928   | 822 |
| -27.5° | 3579 | 2828  | 2376 | 1977  | 1675 | 1471  | 1294 | 1138  | 1010 | 898   | 801 |
| -30°   | 2758 | 2355  | 2011 | 1718  | 1524 | 1356  | 1214 | 1085  | 968  | 864   | 777 |
| -32.5° | 2238 | 1987  | 1729 | 1548  | 1391 | 1259  | 1140 | 1029  | 923  | 834   | 749 |
| -35°   | 1903 | 1715  | 1545 | 1406  | 1282 | 1173  | 1067 | 972   | 883  | 799   | 717 |
| -37.5° | 1664 | 1516  | 1398 | 1286  | 1188 | 1093  | 1005 | 923   | 842  | 760   | 686 |
| -40°   | 1486 | 1371  | 1276 | 1186  | 1104 | 1025  | 952  | 877   | 799  | 720   | 654 |
| -42.5° | 1351 | 1262  | 1174 | 1100  | 1030 | 969   | 904  | 833   | 760  | 687   | 625 |
| -45°   | 1241 | 1165  | 1088 | 1027  | 971  | 914   | 858  | 791   | 722  | 658   | 597 |
| -47.5° | 1144 | 1082  | 1022 | 963   | 911  | 859   | 809  | 749   | 688  | 628   | 565 |
| -50°   | 1060 | 1007  | 953  | 900   | 857  | 811   | 761  | 710   | 650  | 590   | 533 |
| -52.5° | 980  | 938   | 896  | 853   | 808  | 762   | 714  | 663   | 606  | 554   | 505 |
| -55°   | 918  | 880   | 840  | 799   | 757  | 716   | 669  | 617   | 568  | 521   | 470 |
| -57.5° | 857  | 821   | 785  | 750   | 716  | 672   | 624  | 577   | 528  | 479   | 430 |
| -60°   | 792  | 761   | 727  | 693   | 660  | 621   | 573  | 526   | 481  | 436   | 389 |
| -62.5° | 712  | 684   | 654  | 623   | 591  | 556   | 512  | 469   | 430  | 392   | 349 |
| -65°   | 626  | 599   | 572  | 544   | 513  | 478   | 441  | 408   | 378  | 346   | 308 |
| -67.5° | 542  | 519   | 492  | 464   | 436  | 406   | 379  | 352   | 324  | 295   | 260 |
| -70°   | 465  | 444   | 421  | 396   | 370  | 345   | 320  | 295   | 268  | 242   | 215 |
| -72.5° | 394  | 376   | 356  | 334   | 310  | 287   | 265  | 243   | 221  | 197   | 175 |
| -75°   | 323  | 309   | 293  | 273   | 254  | 234   | 215  | 197   | 179  | 161   | 143 |
| -77.5° | 254  | 242   | 229  | 214   | 200  | 186   | 171  | 156   | 141  | 126   | 111 |
| -80°   | 189  | 180   | 171  | 160   | 150  | 138   | 127  | 114   | 102  | 91    | 80  |
| -82.5° | 130  | 126   | 120  | 112   | 103  | 94    | 86   | 77    | 69   | 61    | 53  |
| -85°   | 78   | 75    | 71   | 66    | 60   | 55    | 50   | 44    | 39   | 34    | 29  |
| -87.5° | 30   | 30    | 29   | 27    | 24   | 22    | 20   | 18    | 15   | 13    | 11  |
| -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°    | 5     | 4   | 2     | 2   | 1     | 0   | 1     | 2   | 2     | 0   | 0     |
| 57.5°  | 13    | 9   | 6     | 4   | 4     | 2   | 1     | 3   | 3     | 1   | 0     |
| 55°    | 26    | 19  | 12    | 7   | 6     | 5   | 2     | 3   | 5     | 4   | 0     |
| 52.5°  | 51    | 35  | 23    | 12  | 7     | 8   | 5     | 4   | 5     | 6   | 2     |
| 50°    | 83    | 58  | 40    | 26  | 10    | 9   | 7     | 5   | 6     | 8   | 4     |
| 47.5°  | 122   | 89  | 62    | 41  | 24    | 12  | 11    | 7   | 6     | 8   | 6     |
| 45°    | 155   | 126 | 89    | 61  | 39    | 23  | 15    | 8   | 7     | 8   | 7     |
| 42.5°  | 187   | 160 | 123   | 80  | 57    | 36  | 21    | 13  | 8     | 8   | 8     |
| 40°    | 227   | 192 | 157   | 113 | 77    | 48  | 31    | 19  | 8     | 8   | 8     |
| 37.5°  | 267   | 227 | 188   | 144 | 99    | 66  | 42    | 26  | 12    | 10  | 8     |
| 35°    | 308   | 265 | 218   | 172 | 125   | 85  | 51    | 35  | 19    | 12  | 8     |
| 32.5°  | 348   | 300 | 248   | 199 | 149   | 104 | 65    | 44  | 27    | 15  | 8     |
| 30°    | 394   | 332 | 277   | 225 | 171   | 124 | 82    | 54  | 34    | 18  | 9     |
| 27.5°  | 438   | 364 | 304   | 250 | 194   | 143 | 100   | 64  | 41    | 23  | 11    |
| 25°    | 480   | 400 | 331   | 272 | 216   | 162 | 117   | 75  | 49    | 28  | 14    |
| 22.5°  | 518   | 437 | 358   | 293 | 240   | 181 | 133   | 90  | 57    | 34  | 17    |
| 20°    | 558   | 473 | 384   | 320 | 263   | 202 | 149   | 103 | 66    | 39  | 20    |
| 17.5°  | 598   | 508 | 420   | 349 | 286   | 222 | 165   | 116 | 75    | 44  | 23    |
| 15°    | 637   | 542 | 453   | 376 | 308   | 240 | 179   | 127 | 84    | 49  | 27    |
| 12.5°  | 671   | 574 | 482   | 402 | 329   | 256 | 192   | 137 | 93    | 53  | 31    |
| 10°    | 702   | 602 | 507   | 425 | 349   | 271 | 205   | 147 | 102   | 58  | 35    |
| 7.5°   | 728   | 627 | 529   | 445 | 368   | 285 | 216   | 156 | 110   | 62  | 39    |
| 5°     | 748   | 646 | 546   | 460 | 382   | 299 | 226   | 164 | 117   | 66  | 42    |
| 2.5°   | 762   | 658 | 560   | 473 | 393   | 311 | 234   | 171 | 123   | 69  | 45    |
| 0°     | 771   | 667 | 571   | 482 | 402   | 321 | 241   | 177 | 129   | 72  | 48    |
| -2.5°  | 780   | 675 | 581   | 492 | 411   | 332 | 249   | 182 | 133   | 79  | 49    |
| -5°    | 785   | 681 | 589   | 500 | 418   | 340 | 255   | 186 | 137   | 86  | 50    |
| -7.5°  | 789   | 686 | 595   | 505 | 423   | 346 | 259   | 189 | 140   | 91  | 51    |
| -10°   | 789   | 690 | 600   | 510 | 427   | 349 | 262   | 191 | 142   | 95  | 51    |
| -12.5° | 787   | 691 | 602   | 512 | 430   | 351 | 267   | 195 | 144   | 98  | 51    |
| -15°   | 780   | 690 | 600   | 511 | 430   | 351 | 270   | 199 | 146   | 99  | 52    |
| -17.5° | 771   | 686 | 596   | 507 | 428   | 350 | 271   | 201 | 147   | 98  | 53    |
| -20°   | 763   | 678 | 589   | 499 | 424   | 348 | 271   | 201 | 147   | 96  | 56    |

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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° | 752   | 666 | 578   | 492 | 418   | 346 | 269   | 198 | 145   | 94  | 58    |
| -25°   | 736   | 650 | 565   | 485 | 412   | 341 | 265   | 193 | 142   | 92  | 59    |
| -27.5° | 716   | 632 | 552   | 477 | 405   | 335 | 258   | 189 | 138   | 89  | 60    |
| -30°   | 693   | 615 | 539   | 466 | 395   | 325 | 248   | 183 | 133   | 88  | 60    |
| -32.5° | 668   | 598 | 525   | 452 | 383   | 313 | 236   | 176 | 128   | 88  | 59    |
| -35°   | 645   | 578 | 509   | 435 | 368   | 299 | 226   | 166 | 123   | 87  | 58    |
| -37.5° | 619   | 556 | 487   | 417 | 353   | 285 | 219   | 162 | 118   | 85  | 57    |
| -40°   | 594   | 531 | 462   | 399 | 337   | 269 | 211   | 158 | 114   | 82  | 55    |
| -42.5° | 568   | 503 | 441   | 381 | 319   | 258 | 201   | 152 | 111   | 79  | 53    |
| -45°   | 537   | 477 | 421   | 362 | 302   | 246 | 193   | 145 | 106   | 76  | 51    |
| -47.5° | 507   | 455 | 398   | 340 | 287   | 233 | 182   | 137 | 99    | 73  | 49    |
| -50°   | 483   | 429 | 372   | 318 | 268   | 219 | 170   | 128 | 94    | 69  | 46    |
| -52.5° | 454   | 398 | 344   | 294 | 248   | 203 | 157   | 117 | 88    | 64  | 42    |
| -55°   | 418   | 365 | 315   | 270 | 227   | 184 | 141   | 109 | 82    | 59  | 38    |
| -57.5° | 380   | 330 | 288   | 247 | 205   | 163 | 128   | 99  | 74    | 53  | 35    |
| -60°   | 343   | 301 | 261   | 221 | 180   | 145 | 115   | 89  | 67    | 47  | 32    |
| -62.5° | 309   | 270 | 230   | 192 | 158   | 128 | 101   | 79  | 59    | 43  | 29    |
| -65°   | 269   | 232 | 198   | 166 | 137   | 111 | 89    | 69  | 52    | 38  | 26    |
| -67.5° | 226   | 197 | 168   | 140 | 116   | 95  | 76    | 61  | 46    | 33  | 24    |
| -70°   | 189   | 162 | 139   | 116 | 96    | 79  | 66    | 52  | 39    | 29  | 21    |
| -72.5° | 154   | 133 | 112   | 93  | 79    | 67  | 55    | 44  | 33    | 25  | 18    |
| -75°   | 124   | 106 | 90    | 76  | 65    | 54  | 45    | 35  | 27    | 20  | 16    |
| -77.5° | 96    | 82  | 70    | 60  | 51    | 43  | 34    | 26  | 20    | 16  | 13    |
| -80°   | 70    | 62  | 54    | 46  | 39    | 31  | 25    | 19  | 15    | 12  | 10    |
| -82.5° | 47    | 42  | 37    | 33  | 27    | 22  | 17    | 12  | 10    | 8   | 7     |
| -85°   | 27    | 24  | 22    | 20  | 16    | 12  | 9     | 7   | 6     | 5   | 5     |
| -87.5° | 11    | 10  | 10    | 9   | 8     | 6   | 5     | 3   | 3     | 3   | 2     |
| -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°  | 2   | 0     | 0   | 0     | 0   | 0     | 0   |
| 50°    | 2   | 1     | 0   | 0     | 0   | 0     | 0   |
| 47.5°  | 3   | 2     | 0   | 0     | 0   | 0     | 0   |
| 45°    | 4   | 3     | 0   | 0     | 0   | 0     | 0   |
| 42.5°  | 5   | 3     | 0   | 0     | 0   | 0     | 0   |
| 40°    | 6   | 5     | 0   | 0     | 0   | 0     | 0   |
| 37.5°  | 7   | 6     | 1   | 0     | 0   | 0     | 0   |
| 35°    | 8   | 6     | 2   | 0     | 0   | 0     | 0   |
| 32.5°  | 8   | 7     | 3   | 0     | 0   | 0     | 0   |
| 30°    | 8   | 7     | 4   | 0     | 0   | 0     | 0   |
| 27.5°  | 8   | 8     | 4   | 0     | 0   | 0     | 0   |
| 25°    | 8   | 8     | 5   | 0     | 0   | 0     | 0   |
| 22.5°  | 8   | 8     | 6   | 0     | 0   | 0     | 0   |
| 20°    | 8   | 8     | 6   | 0     | 0   | 0     | 0   |
| 17.5°  | 8   | 8     | 7   | 0     | 0   | 0     | 0   |
| 15°    | 9   | 8     | 7   | 0     | 0   | 0     | 0   |
| 12.5°  | 10  | 8     | 7   | 0     | 0   | 0     | 0   |
| 10°    | 11  | 8     | 8   | 0     | 0   | 0     | 0   |
| 7.5°   | 13  | 8     | 8   | 0     | 0   | 0     | 0   |
| 5°     | 14  | 8     | 8   | 0     | 0   | 0     | 0   |
| 2.5°   | 15  | 8     | 8   | 0     | 0   | 0     | 0   |
| 0°     | 16  | 8     | 8   | 0     | 0   | 0     | 0   |
| -2.5°  | 19  | 9     | 8   | 1     | 0   | 0     | 0   |
| -5°    | 22  | 10    | 8   | 1     | 0   | 0     | 0   |
| -7.5°  | 25  | 11    | 8   | 2     | 0   | 0     | 0   |
| -10°   | 27  | 11    | 8   | 2     | 0   | 0     | 0   |
| -12.5° | 29  | 12    | 8   | 2     | 0   | 0     | 0   |
| -15°   | 31  | 12    | 7   | 3     | 0   | 0     | 0   |
| -17.5° | 32  | 13    | 7   | 3     | 0   | 0     | 0   |
| -20°   | 32  | 13    | 7   | 3     | 0   | 0     | 0   |

Classified

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

Scaled Data Report



REPORT NUMBER: P627914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)