

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: LUMIERE

Report Number: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

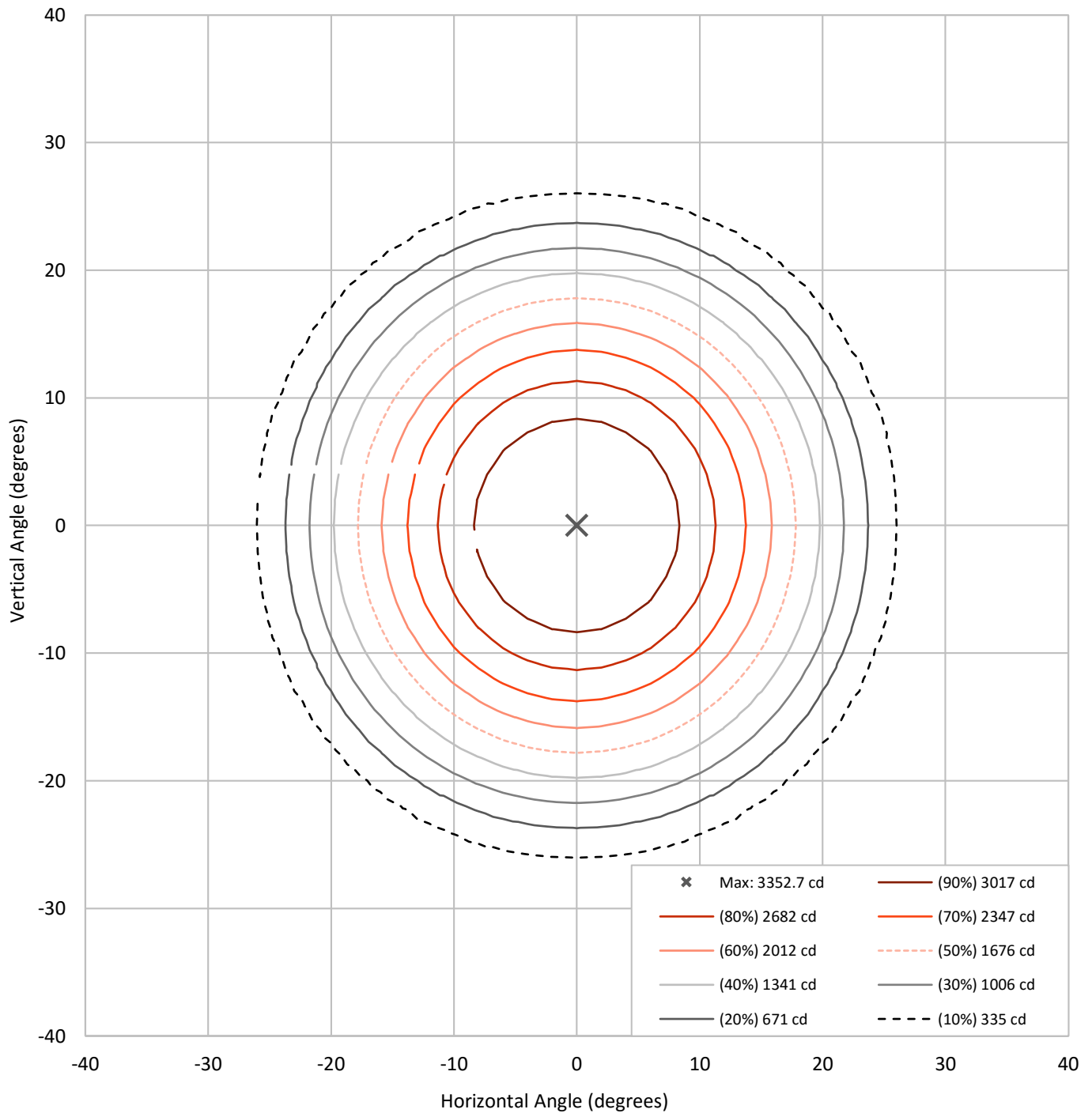
Test Method: LM-79-08  
Report Number: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29474)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 3000K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                               |                      |                 |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                           | NEMA Type:           | 4H x 4V         |
| Luminaire Lumens:                 | 1149.1 lumens                 | Max Intensity:       | 3352.7 candela  |
| Efficiency:                       | N/A                           | Max Intensity Angle: | 0°H x 0°V       |
| Efficacy:                         | 57.2 lumens/watt              |                      |                 |
| Luminous Opening:                 | Circular (Dia: 0.25' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 35.6°H x 35.6°V               | Field Angle (10%):   | 52.1°H x 52.1°V |
| Beam Lumens:                      | 766.3 lumens                  | Field Lumens:        | 1078.5 lumens   |
| Beam Efficiency:                  | 66.7%                         | Field Efficiency:    | 93.9%           |
| Input Watts (W):                  | 20.1                          |                      |                 |
| 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





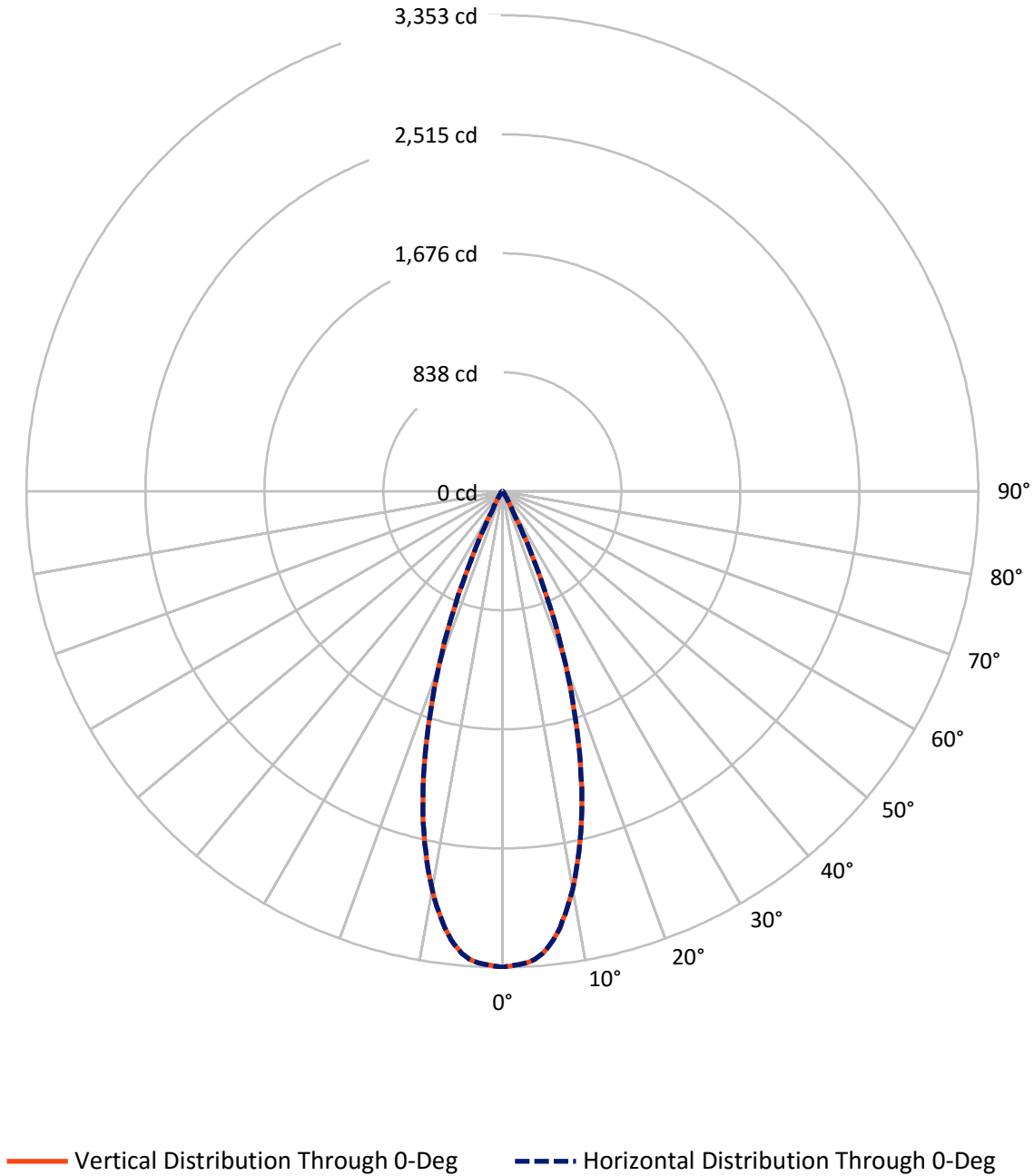
REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

|     |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| 90  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |
| 80  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |
| 70  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |
| 60  |     | 0.0 | 0.0 | 0.0 | 0.1 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0 | 0.0 | 0.0 |     |     |
| 50  | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.1  | 0.1 | 0.0 | 0.0 | 0.0 |     |
| 40  |     | 0.0 | 0.0 | 0.1 | 0.2 | 0.3  | 0.7  | 1.2  | 1.2  | 0.7  | 0.3  | 0.2 | 0.1 | 0.0 |     | 0.0 |
| 30  | 0.0 | 0.0 | 0.1 | 0.1 | 0.3 | 1.2  | 5.5  | 14.5 | 14.5 | 5.5  | 1.2  | 0.3 | 0.1 | 0.1 | 0.0 | 0.0 |
| 20  |     | 0.0 | 0.1 | 0.1 | 0.6 | 5.2  | 32.2 | 59.4 | 59.4 | 32.2 | 5.2  | 0.6 | 0.1 | 0.1 | 0.0 |     |
| 10  | 0.0 | 0.0 | 0.1 | 0.2 | 1.0 | 13.4 | 57.8 | 91.8 | 91.8 | 57.8 | 13.4 | 1.0 | 0.2 | 0.1 | 0.0 | 0.0 |
| 0   |     | 0.0 | 0.1 | 0.2 | 1.0 | 13.4 | 57.8 | 91.8 | 91.8 | 57.8 | 13.4 | 1.0 | 0.2 | 0.1 | 0.0 |     |
| -10 | 0.0 | 0.0 | 0.1 | 0.1 | 0.6 | 5.2  | 32.2 | 59.4 | 59.4 | 32.2 | 5.2  | 0.6 | 0.1 | 0.1 | 0.0 | 0.0 |
| -20 |     | 0.0 | 0.1 | 0.1 | 0.3 | 1.2  | 5.5  | 14.5 | 14.5 | 5.5  | 1.2  | 0.3 | 0.1 | 0.1 | 0.0 |     |
| -30 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3  | 0.7  | 1.2  | 1.2  | 0.7  | 0.3  | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| -40 |     | 0.0 | 0.0 | 0.1 | 0.1 | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.1 | 0.1 | 0.0 | 0.0 |     |
| -50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| -60 |     | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |
| -70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -80 |     | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |
| -90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |

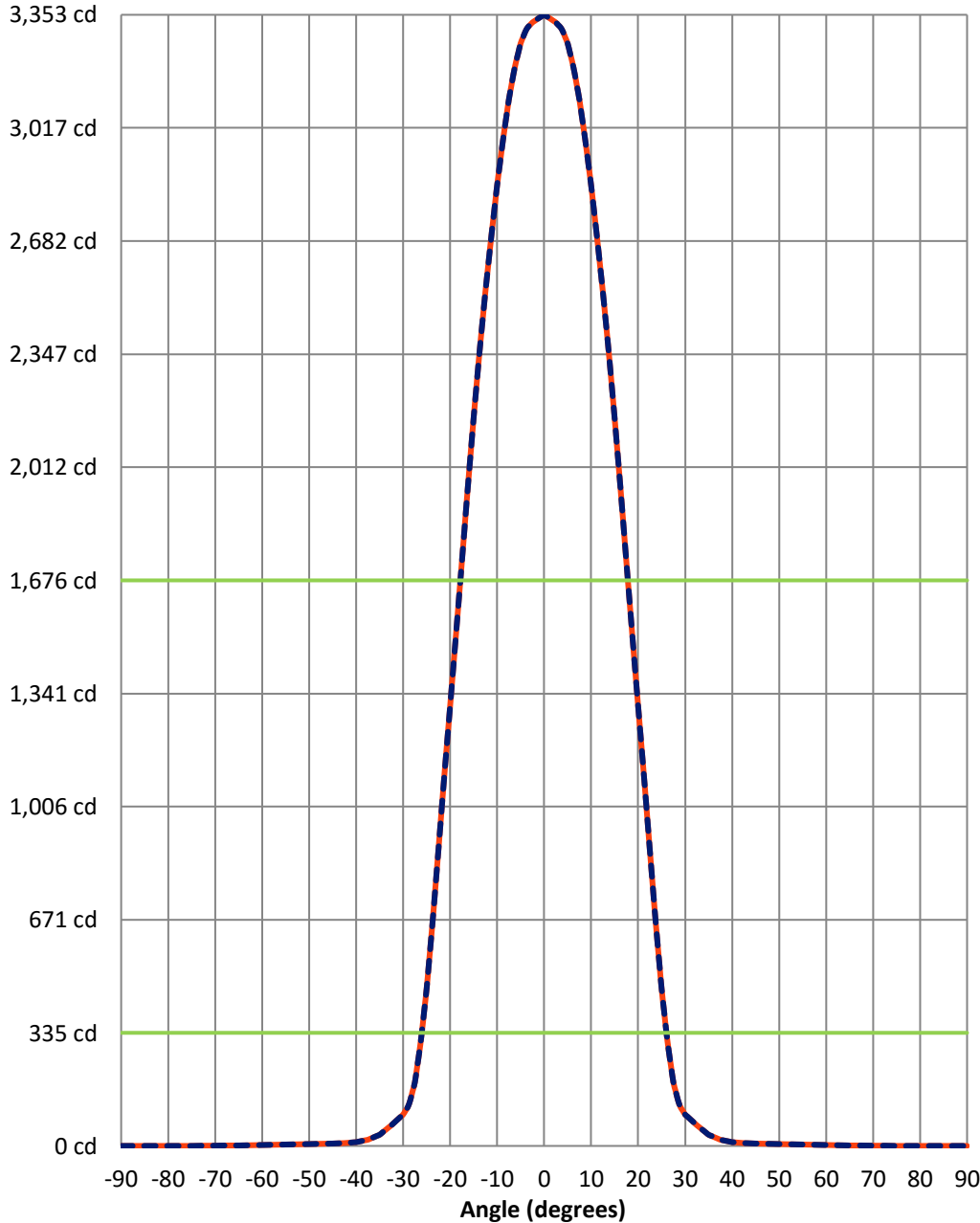
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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.6°  
 V Angle: 35.6°  
 Lumens: 766.3  
 Efficiency: 66.7%

**Field:**  
 H Angle: 52.1°  
 V Angle: 52.1°  
 Lumens: 1078.5  
 Efficiency: 93.9%

**Spill:**  
 Lumens: 70.5  
 Efficiency: 6.1%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 88.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 87.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 86.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 85°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 83.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 82.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 81.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 80°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 78.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 77.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 76.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 75°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 73.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 72.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 70°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 68.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 67.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 66.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 65°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 63.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 62.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 61.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 60°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 58.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 57.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 56.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 55°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 53.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 52.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 51.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 50°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 48.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 47.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 46.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 45°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 43.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 42.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 41.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 40°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 38.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 37.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 36.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 35°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 32.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 31.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 30°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 28.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 27.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 26.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 25°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 23.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 22.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 21.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 20°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 18.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 17.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 16.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 15°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 13.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 12.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 11.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 10°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 8.75°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 7.5°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 6.25°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 5°      | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 3.75°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 2.5°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 1.25°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 0°      | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -1.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -2.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -3.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -5°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -6.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -7.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -8.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -10°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -11.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -12.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -13.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -15°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -16.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -17.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -18.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -20°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -21.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |





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**CANDELA DISTRIBUTION (continued):**

|         | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -23.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -25°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -26.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -27.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -28.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -30°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -31.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -32.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -33.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -35°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -36.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -37.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -38.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -40°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -41.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -42.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -43.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -45°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -46.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -47.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -48.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -50°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -51.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -52.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -53.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -55°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -56.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -57.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -58.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -60°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -61.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -62.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -63.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -65°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -66.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -67.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -68.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -70°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -72.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -73.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -75°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -76.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -77.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -80°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -81.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -82.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -83.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -85°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -86.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -87.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -88.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -90°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 90°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 88.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 87.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 86.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 85°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 83.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 82.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 78.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 77.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 76.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 75°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 73.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 72.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 71.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 70°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 68.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 67.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 66.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 65°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 63.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 62.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 61.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 60°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 58.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 57.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 56.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 55°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 53.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 52.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 51.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 50°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 48.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       |
| 47.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       |
| 46.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       |
| 45°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       |
| 43.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       |
| 42.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       |
| 41.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       |
| 40°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       |
| 38.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       |
| 37.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       |
| 36.25° | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       |
| 35°    | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       |



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**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 33.75°  | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       |
| 32.5°   | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       |
| 31.25°  | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| 30°     | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| 28.75°  | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| 27.5°   | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| 26.25°  | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| 25°     | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 23.75°  | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 22.5°   | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 21.25°  | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 20°     | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 18.75°  | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 17.5°   | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 16.25°  | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 15°     | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 13.75°  | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 12.5°   | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 11.25°  | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 10°     | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 8.75°   | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 7.5°    | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 6.25°   | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 5°      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 3.75°   | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 2.5°    | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 1.25°   | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| 0°      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -1.25°  | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -2.5°   | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -3.75°  | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -5°     | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -6.25°  | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -7.5°   | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -8.75°  | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -10°    | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -11.25° | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -12.5°  | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -13.75° | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       |
| -15°    | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -16.25° | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -17.5°  | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -18.75° | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -20°    | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -21.25° | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -22.5°  | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -23.75° | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -25°    | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -26.25° | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| -27.5°  | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| -28.75° | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| -30°    | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| -31.25° | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| -32.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       |
| -33.75° | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       |
| -35°    | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       |
| -36.25° | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       |
| -37.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       |
| -38.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       |
| -40°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       |
| -41.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       |
| -42.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       |
| -43.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       |
| -45°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       |
| -46.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       |
| -47.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       |
| -48.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       |
| -50°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -51.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -52.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -53.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -55°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -56.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -57.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -58.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -60°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -61.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -62.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -63.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -65°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -66.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -67.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -68.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -70°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -71.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -72.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -73.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -75°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -76.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -77.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -78.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -82.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -83.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -85°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -86.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -87.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -88.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -90°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|--------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 90°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 88.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 87.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 86.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 85°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 83.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 82.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 81.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 80°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 78.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 77.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 76.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 75°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 73.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 72.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 71.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 70°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 68.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 67.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 66.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 65°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 63.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 62.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| 61.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    |
| 60°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    |
| 58.75° | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    |
| 57.5°  | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    |
| 56.25° | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 55°    | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 53.75° | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 52.5°  | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 51.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 50°    | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 48.75° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 47.5°  | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 2    |
| 46.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    |
| 45°    | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    |
| 43.75° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    |
| 42.5°  | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 2    |
| 41.25° | 1      | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    |
| 40°    | 1      | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 3    |
| 38.75° | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 3       | 3    |
| 37.5°  | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 3       | 3    |
| 36.25° | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 3      | 3       | 3    |
| 35°    | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 3       | 3      | 3       | 3    |



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**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 33.75°  | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    |
| 32.5°   | 1      | 1       | 1    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    |
| 31.25°  | 1      | 1       | 1    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    |
| 30°     | 1      | 1       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 4    |
| 28.75°  | 1      | 1       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 4       | 4    |
| 27.5°   | 1      | 1       | 2    | 2       | 2      | 3       | 3    | 3       | 4      | 4       | 4    |
| 26.25°  | 1      | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 4      | 4       | 4    |
| 25°     | 1      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 4       | 4    |
| 23.75°  | 1      | 2       | 2    | 2       | 3      | 3       | 3    | 4       | 4      | 4       | 4    |
| 22.5°   | 1      | 2       | 2    | 2       | 3      | 3       | 3    | 4       | 4      | 4       | 5    |
| 21.25°  | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 4       | 4      | 4       | 5    |
| 20°     | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 4       | 5    |
| 18.75°  | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 5       | 5    |
| 17.5°   | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 5       | 5    |
| 16.25°  | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 5       | 5    |
| 15°     | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 5       | 5    |
| 13.75°  | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| 12.5°   | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| 11.25°  | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| 10°     | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| 8.75°   | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| 7.5°    | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| 6.25°   | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 6    |
| 5°      | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 5       | 5      | 5       | 6    |
| 3.75°   | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 5       | 5      | 5       | 6    |
| 2.5°    | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 5       | 5      | 5       | 6    |
| 1.25°   | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 5       | 5      | 5       | 6    |
| 0°      | 2      | 2       | 3    | 3       | 4      | 4       | 4    | 5       | 5      | 5       | 6    |
| -1.25°  | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 5       | 5      | 5       | 6    |
| -2.5°   | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 5       | 5      | 5       | 6    |
| -3.75°  | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 5       | 5      | 5       | 6    |
| -5°     | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 5       | 5      | 5       | 6    |
| -6.25°  | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 6    |
| -7.5°   | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| -8.75°  | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| -10°    | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| -11.25° | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| -12.5°  | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| -13.75° | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    |
| -15°    | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 5       | 5    |
| -16.25° | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 5       | 5    |
| -17.5°  | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 5       | 5    |
| -18.75° | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 5       | 5    |
| -20°    | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 4       | 4      | 4       | 5    |
| -21.25° | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 4       | 4      | 4       | 5    |





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**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -22.5°  | 1      | 2       | 2    | 2       | 3      | 3       | 3    | 4       | 4      | 4       | 5    |
| -23.75° | 1      | 2       | 2    | 2       | 3      | 3       | 3    | 4       | 4      | 4       | 4    |
| -25°    | 1      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 4       | 4    |
| -26.25° | 1      | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 4      | 4       | 4    |
| -27.5°  | 1      | 1       | 2    | 2       | 2      | 3       | 3    | 3       | 4      | 4       | 4    |
| -28.75° | 1      | 1       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 4       | 4    |
| -30°    | 1      | 1       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 4    |
| -31.25° | 1      | 1       | 1    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    |
| -32.5°  | 1      | 1       | 1    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    |
| -33.75° | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    |
| -35°    | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 3       | 3      | 3       | 3    |
| -36.25° | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 3      | 3       | 3    |
| -37.5°  | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 3       | 3    |
| -38.75° | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 3       | 3    |
| -40°    | 1      | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 3    |
| -41.25° | 1      | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    |
| -42.5°  | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 2    |
| -43.75° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    |
| -45°    | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    |
| -46.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    |
| -47.5°  | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 2    |
| -48.75° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -50°    | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -51.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -52.5°  | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -53.75° | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -55°    | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -56.25° | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -57.5°  | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    |
| -58.75° | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    |
| -60°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    |
| -61.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    |
| -62.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| -63.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -65°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -66.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -67.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -68.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -70°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -71.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -72.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -73.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -75°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -76.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -77.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -78.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -80°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -81.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -82.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -83.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -85°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -86.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -87.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -88.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -90°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|--------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 90°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 88.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 87.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 86.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 85°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 83.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 82.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 81.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 80°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 78.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 77.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 76.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 75°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 73.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 72.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 71.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 70°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 68.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       |
| 67.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       |
| 66.25° | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 65°    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 63.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 62.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 61.25° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 60°    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 58.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 57.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       |
| 56.25° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       |
| 55°    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 2       |
| 53.75° | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       |
| 52.5°  | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 3       |
| 51.25° | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       |
| 50°    | 1       | 2      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       |
| 48.75° | 2       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 3      | 3       |
| 47.5°  | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3       | 3      | 4       |
| 46.25° | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 3    | 4       | 4      | 4       |
| 45°    | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 4    | 4       | 4      | 4       |
| 43.75° | 2       | 3      | 3       | 3    | 3       | 3      | 4       | 4    | 4       | 4      | 4       |
| 42.5°  | 3       | 3      | 3       | 3    | 3       | 4      | 4       | 4    | 4       | 4      | 5       |
| 41.25° | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 5      | 5       |
| 40°    | 3       | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 5       | 5      | 5       |
| 38.75° | 3       | 3      | 4       | 4    | 4       | 4      | 4       | 5    | 5       | 5      | 5       |
| 37.5°  | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       | 5      | 6       |
| 36.25° | 3       | 4      | 4       | 4    | 4       | 5      | 5       | 5    | 5       | 6      | 6       |
| 35°    | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 6       | 6      | 6       |



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**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 33.75°  | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 6       | 6      | 6       |
| 32.5°   | 4       | 4      | 4       | 5    | 5       | 5      | 5       | 6    | 6       | 6      | 6       |
| 31.25°  | 4       | 4      | 5       | 5    | 5       | 5      | 6       | 6    | 6       | 6      | 7       |
| 30°     | 4       | 4      | 5       | 5    | 5       | 6      | 6       | 6    | 6       | 7      | 7       |
| 28.75°  | 4       | 5      | 5       | 5    | 5       | 6      | 6       | 6    | 7       | 7      | 7       |
| 27.5°   | 4       | 5      | 5       | 5    | 6       | 6      | 6       | 6    | 7       | 7      | 7       |
| 26.25°  | 5       | 5      | 5       | 5    | 6       | 6      | 6       | 7    | 7       | 7      | 8       |
| 25°     | 5       | 5      | 5       | 6    | 6       | 6      | 7       | 7    | 7       | 8      | 8       |
| 23.75°  | 5       | 5      | 5       | 6    | 6       | 6      | 7       | 7    | 7       | 8      | 9       |
| 22.5°   | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 7    | 8       | 8      | 9       |
| 21.25°  | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 7    | 8       | 9      | 10      |
| 20°     | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 8    | 8       | 9      | 10      |
| 18.75°  | 5       | 6      | 6       | 6    | 7       | 7      | 7       | 8    | 9       | 10     | 11      |
| 17.5°   | 5       | 6      | 6       | 6    | 7       | 7      | 8       | 8    | 9       | 10     | 12      |
| 16.25°  | 5       | 6      | 6       | 6    | 7       | 7      | 8       | 8    | 10      | 11     | 13      |
| 15°     | 5       | 6      | 6       | 7    | 7       | 7      | 8       | 9    | 10      | 11     | 15      |
| 13.75°  | 6       | 6      | 6       | 7    | 7       | 8      | 8       | 9    | 10      | 12     | 16      |
| 12.5°   | 6       | 6      | 6       | 7    | 7       | 8      | 8       | 10   | 11      | 13     | 17      |
| 11.25°  | 6       | 6      | 6       | 7    | 7       | 8      | 9       | 10   | 11      | 14     | 18      |
| 10°     | 6       | 6      | 7       | 7    | 7       | 8      | 9       | 10   | 12      | 15     | 19      |
| 8.75°   | 6       | 6      | 7       | 7    | 7       | 8      | 9       | 10   | 13      | 16     | 20      |
| 7.5°    | 6       | 6      | 7       | 7    | 8       | 8      | 9       | 11   | 13      | 17     | 22      |
| 6.25°   | 6       | 6      | 7       | 7    | 8       | 8      | 9       | 11   | 14      | 17     | 23      |
| 5°      | 6       | 6      | 7       | 7    | 8       | 8      | 10      | 11   | 14      | 18     | 24      |
| 3.75°   | 6       | 6      | 7       | 7    | 8       | 8      | 10      | 11   | 14      | 18     | 25      |
| 2.5°    | 6       | 6      | 7       | 7    | 8       | 8      | 10      | 11   | 15      | 18     | 25      |
| 1.25°   | 6       | 6      | 7       | 7    | 8       | 8      | 10      | 11   | 15      | 18     | 26      |
| 0°      | 6       | 6      | 7       | 7    | 8       | 9      | 10      | 11   | 15      | 18     | 26      |
| -1.25°  | 6       | 6      | 7       | 7    | 8       | 8      | 10      | 11   | 15      | 18     | 26      |
| -2.5°   | 6       | 6      | 7       | 7    | 8       | 8      | 10      | 11   | 15      | 18     | 25      |
| -3.75°  | 6       | 6      | 7       | 7    | 8       | 8      | 10      | 11   | 14      | 18     | 25      |
| -5°     | 6       | 6      | 7       | 7    | 8       | 8      | 10      | 11   | 14      | 18     | 24      |
| -6.25°  | 6       | 6      | 7       | 7    | 8       | 8      | 9       | 11   | 14      | 17     | 23      |
| -7.5°   | 6       | 6      | 7       | 7    | 8       | 8      | 9       | 11   | 13      | 17     | 22      |
| -8.75°  | 6       | 6      | 7       | 7    | 7       | 8      | 9       | 10   | 13      | 16     | 20      |
| -10°    | 6       | 6      | 7       | 7    | 7       | 8      | 9       | 10   | 12      | 15     | 19      |
| -11.25° | 6       | 6      | 6       | 7    | 7       | 8      | 9       | 10   | 11      | 14     | 18      |
| -12.5°  | 6       | 6      | 6       | 7    | 7       | 8      | 8       | 10   | 11      | 13     | 17      |
| -13.75° | 6       | 6      | 6       | 7    | 7       | 8      | 8       | 9    | 10      | 12     | 16      |
| -15°    | 5       | 6      | 6       | 7    | 7       | 7      | 8       | 9    | 10      | 11     | 15      |
| -16.25° | 5       | 6      | 6       | 6    | 7       | 7      | 8       | 8    | 10      | 11     | 13      |
| -17.5°  | 5       | 6      | 6       | 6    | 7       | 7      | 8       | 8    | 9       | 10     | 12      |
| -18.75° | 5       | 6      | 6       | 6    | 7       | 7      | 7       | 8    | 9       | 10     | 11      |
| -20°    | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 8    | 8       | 9      | 10      |
| -21.25° | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 7    | 8       | 9      | 10      |



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**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -22.5°  | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 7    | 8       | 8      | 9       |
| -23.75° | 5       | 5      | 5       | 6    | 6       | 6      | 7       | 7    | 7       | 8      | 9       |
| -25°    | 5       | 5      | 5       | 6    | 6       | 6      | 7       | 7    | 7       | 8      | 8       |
| -26.25° | 5       | 5      | 5       | 5    | 6       | 6      | 6       | 7    | 7       | 7      | 8       |
| -27.5°  | 4       | 5      | 5       | 5    | 6       | 6      | 6       | 6    | 7       | 7      | 7       |
| -28.75° | 4       | 5      | 5       | 5    | 5       | 6      | 6       | 6    | 7       | 7      | 7       |
| -30°    | 4       | 4      | 5       | 5    | 5       | 6      | 6       | 6    | 6       | 7      | 7       |
| -31.25° | 4       | 4      | 5       | 5    | 5       | 5      | 6       | 6    | 6       | 6      | 7       |
| -32.5°  | 4       | 4      | 4       | 5    | 5       | 5      | 5       | 6    | 6       | 6      | 6       |
| -33.75° | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 6       | 6      | 6       |
| -35°    | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 6       | 6      | 6       |
| -36.25° | 3       | 4      | 4       | 4    | 4       | 5      | 5       | 5    | 5       | 6      | 6       |
| -37.5°  | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       | 5      | 6       |
| -38.75° | 3       | 3      | 4       | 4    | 4       | 4      | 4       | 5    | 5       | 5      | 5       |
| -40°    | 3       | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 5       | 5      | 5       |
| -41.25° | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 5      | 5       |
| -42.5°  | 3       | 3      | 3       | 3    | 3       | 4      | 4       | 4    | 4       | 4      | 5       |
| -43.75° | 2       | 3      | 3       | 3    | 3       | 3      | 4       | 4    | 4       | 4      | 4       |
| -45°    | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 4    | 4       | 4      | 4       |
| -46.25° | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 3    | 4       | 4      | 4       |
| -47.5°  | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3       | 3      | 4       |
| -48.75° | 2       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 3      | 3       |
| -50°    | 1       | 2      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       |
| -51.25° | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       |
| -52.5°  | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 3       |
| -53.75° | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       |
| -55°    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 2       |
| -56.25° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       |
| -57.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       |
| -58.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -60°    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -61.25° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -62.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -63.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -65°    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -66.25° | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -67.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       |
| -68.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       |
| -70°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -71.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -72.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -73.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -75°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -76.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -77.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |



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**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -78.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -80°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -81.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -82.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -83.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -85°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -86.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -87.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -88.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -90°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |



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**CANDELA DISTRIBUTION (continued):**

|        | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 88.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 87.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 86.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 85°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 83.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 82.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 81.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 80°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 78.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 77.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 76.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 75°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 73.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 72.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      |
| 70°    | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 68.75° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 67.5°  | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 66.25° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 65°    | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 63.75° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 62.5°  | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 61.25° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 2      |
| 60°    | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    | 2       | 2      |
| 58.75° | 1    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      |
| 57.5°  | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      |
| 56.25° | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3       | 3      |
| 55°    | 2    | 2       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      |
| 53.75° | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 4       | 4      |
| 52.5°  | 3    | 3       | 3      | 3       | 3    | 3       | 4      | 4       | 4    | 4       | 4      |
| 51.25° | 3    | 3       | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 4       | 4      |
| 50°    | 3    | 3       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 5      |
| 48.75° | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 5       | 5    | 5       | 5      |
| 47.5°  | 4    | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 5      |
| 46.25° | 4    | 4       | 4      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 6      |
| 45°    | 4    | 4       | 5      | 5       | 5    | 5       | 5      | 5       | 6    | 6       | 6      |
| 43.75° | 5    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 6    | 6       | 6      |
| 42.5°  | 5    | 5       | 5      | 5       | 6    | 6       | 6      | 6       | 6    | 6       | 7      |
| 41.25° | 5    | 5       | 5      | 6       | 6    | 6       | 6      | 6       | 7    | 7       | 7      |
| 40°    | 5    | 5       | 6      | 6       | 6    | 6       | 6      | 7       | 7    | 7       | 7      |
| 38.75° | 6    | 6       | 6      | 6       | 6    | 7       | 7      | 7       | 7    | 7       | 8      |
| 37.5°  | 6    | 6       | 6      | 6       | 7    | 7       | 7      | 7       | 8    | 8       | 8      |
| 36.25° | 6    | 6       | 6      | 7       | 7    | 7       | 7      | 8       | 8    | 9       | 9      |
| 35°    | 6    | 7       | 7      | 7       | 7    | 8       | 8      | 8       | 9    | 10      | 10     |



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**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75°  | 7    | 7       | 7      | 7       | 8    | 8       | 9      | 9       | 10   | 11      | 12     |
| 32.5°   | 7    | 7       | 7      | 8       | 8    | 9       | 10     | 10      | 11   | 13      | 15     |
| 31.25°  | 7    | 7       | 8      | 8       | 9    | 10      | 11     | 11      | 14   | 16      | 17     |
| 30°     | 7    | 8       | 8      | 9       | 10   | 11      | 12     | 14      | 16   | 18      | 22     |
| 28.75°  | 8    | 8       | 9      | 10      | 11   | 12      | 14     | 17      | 19   | 24      | 28     |
| 27.5°   | 8    | 9       | 10     | 11      | 12   | 14      | 17     | 20      | 24   | 29      | 34     |
| 26.25°  | 8    | 9       | 10     | 11      | 14   | 17      | 20     | 25      | 29   | 35      | 44     |
| 25°     | 9    | 10      | 11     | 14      | 16   | 19      | 24     | 29      | 36   | 45      | 54     |
| 23.75°  | 10   | 11      | 13     | 16      | 18   | 24      | 29     | 35      | 45   | 55      | 64     |
| 22.5°   | 10   | 12      | 15     | 17      | 22   | 28      | 34     | 44      | 54   | 64      | 75     |
| 21.25°  | 11   | 14      | 16     | 20      | 26   | 32      | 42     | 52      | 63   | 75      | 86     |
| 20°     | 12   | 15      | 18     | 24      | 30   | 39      | 50     | 61      | 73   | 85      | 98     |
| 18.75°  | 14   | 17      | 21     | 28      | 34   | 46      | 57     | 69      | 82   | 95      | 113    |
| 17.5°   | 15   | 18      | 25     | 31      | 41   | 53      | 65     | 78      | 91   | 108     | 142    |
| 16.25°  | 17   | 21      | 28     | 35      | 47   | 59      | 73     | 86      | 102  | 131     | 188    |
| 15°     | 18   | 24      | 31     | 41      | 53   | 66      | 80     | 94      | 115  | 161     | 246    |
| 13.75°  | 20   | 26      | 33     | 46      | 59   | 73      | 87     | 104     | 138  | 209     | 315    |
| 12.5°   | 22   | 29      | 38     | 51      | 64   | 79      | 93     | 116     | 168  | 263     | 389    |
| 11.25°  | 24   | 31      | 42     | 56      | 70   | 84      | 102    | 135     | 207  | 319     | 463    |
| 10°     | 26   | 33      | 46     | 60      | 74   | 89      | 109    | 153     | 248  | 379     | 540    |
| 8.75°   | 28   | 36      | 50     | 64      | 79   | 94      | 121    | 183     | 292  | 437     | 609    |
| 7.5°    | 29   | 39      | 53     | 67      | 83   | 100     | 134    | 210     | 331  | 490     | 676    |
| 6.25°   | 30   | 42      | 55     | 70      | 86   | 105     | 145    | 235     | 371  | 540     | 735    |
| 5°      | 31   | 44      | 58     | 73      | 88   | 109     | 157    | 260     | 405  | 582     | 784    |
| 3.75°   | 32   | 45      | 59     | 75      | 91   | 113     | 171    | 281     | 431  | 614     | 824    |
| 2.5°    | 33   | 46      | 60     | 76      | 92   | 117     | 181    | 295     | 450  | 640     | 853    |
| 1.25°   | 33   | 47      | 61     | 77      | 93   | 120     | 187    | 304     | 462  | 655     | 870    |
| 0°      | 33   | 47      | 61     | 77      | 93   | 121     | 189    | 307     | 466  | 660     | 876    |
| -1.25°  | 33   | 47      | 61     | 77      | 93   | 120     | 187    | 304     | 462  | 655     | 870    |
| -2.5°   | 33   | 46      | 60     | 76      | 92   | 117     | 181    | 295     | 450  | 640     | 853    |
| -3.75°  | 32   | 45      | 59     | 75      | 91   | 113     | 171    | 281     | 431  | 614     | 824    |
| -5°     | 31   | 44      | 58     | 73      | 88   | 109     | 157    | 260     | 405  | 582     | 784    |
| -6.25°  | 30   | 42      | 55     | 70      | 86   | 105     | 145    | 235     | 371  | 540     | 735    |
| -7.5°   | 29   | 39      | 53     | 67      | 83   | 100     | 134    | 210     | 331  | 490     | 676    |
| -8.75°  | 28   | 36      | 50     | 64      | 79   | 94      | 121    | 183     | 292  | 437     | 609    |
| -10°    | 26   | 33      | 46     | 60      | 74   | 89      | 109    | 153     | 248  | 379     | 540    |
| -11.25° | 24   | 31      | 42     | 56      | 70   | 84      | 102    | 135     | 207  | 319     | 463    |
| -12.5°  | 22   | 29      | 38     | 51      | 64   | 79      | 93     | 116     | 168  | 263     | 389    |
| -13.75° | 20   | 26      | 33     | 46      | 59   | 73      | 87     | 104     | 138  | 209     | 315    |
| -15°    | 18   | 24      | 31     | 41      | 53   | 66      | 80     | 94      | 115  | 161     | 246    |
| -16.25° | 17   | 21      | 28     | 35      | 47   | 59      | 73     | 86      | 102  | 131     | 188    |
| -17.5°  | 15   | 18      | 25     | 31      | 41   | 53      | 65     | 78      | 91   | 108     | 142    |
| -18.75° | 14   | 17      | 21     | 28      | 34   | 46      | 57     | 69      | 82   | 95      | 113    |
| -20°    | 12   | 15      | 18     | 24      | 30   | 39      | 50     | 61      | 73   | 85      | 98     |
| -21.25° | 11   | 14      | 16     | 20      | 26   | 32      | 42     | 52      | 63   | 75      | 86     |





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**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5°  | 10   | 12      | 15     | 17      | 22   | 28      | 34     | 44      | 54   | 64      | 75     |
| -23.75° | 10   | 11      | 13     | 16      | 18   | 24      | 29     | 35      | 45   | 55      | 64     |
| -25°    | 9    | 10      | 11     | 14      | 16   | 19      | 24     | 29      | 36   | 45      | 54     |
| -26.25° | 8    | 9       | 10     | 11      | 14   | 17      | 20     | 25      | 29   | 35      | 44     |
| -27.5°  | 8    | 9       | 10     | 11      | 12   | 14      | 17     | 20      | 24   | 29      | 34     |
| -28.75° | 8    | 8       | 9      | 10      | 11   | 12      | 14     | 17      | 19   | 24      | 28     |
| -30°    | 7    | 8       | 8      | 9       | 10   | 11      | 12     | 14      | 16   | 18      | 22     |
| -31.25° | 7    | 7       | 8      | 8       | 9    | 10      | 11     | 11      | 14   | 16      | 17     |
| -32.5°  | 7    | 7       | 7      | 8       | 8    | 9       | 10     | 10      | 11   | 13      | 15     |
| -33.75° | 7    | 7       | 7      | 7       | 8    | 8       | 9      | 9       | 10   | 11      | 12     |
| -35°    | 6    | 7       | 7      | 7       | 7    | 8       | 8      | 8       | 9    | 10      | 10     |
| -36.25° | 6    | 6       | 6      | 7       | 7    | 7       | 7      | 8       | 8    | 9       | 9      |
| -37.5°  | 6    | 6       | 6      | 6       | 7    | 7       | 7      | 7       | 8    | 8       | 8      |
| -38.75° | 6    | 6       | 6      | 6       | 6    | 7       | 7      | 7       | 7    | 7       | 8      |
| -40°    | 5    | 5       | 6      | 6       | 6    | 6       | 6      | 7       | 7    | 7       | 7      |
| -41.25° | 5    | 5       | 5      | 6       | 6    | 6       | 6      | 6       | 7    | 7       | 7      |
| -42.5°  | 5    | 5       | 5      | 5       | 6    | 6       | 6      | 6       | 6    | 6       | 7      |
| -43.75° | 5    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 6    | 6       | 6      |
| -45°    | 4    | 4       | 5      | 5       | 5    | 5       | 5      | 5       | 6    | 6       | 6      |
| -46.25° | 4    | 4       | 4      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 6      |
| -47.5°  | 4    | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 5      |
| -48.75° | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 5       | 5    | 5       | 5      |
| -50°    | 3    | 3       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 5      |
| -51.25° | 3    | 3       | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 4       | 4      |
| -52.5°  | 3    | 3       | 3      | 3       | 3    | 3       | 4      | 4       | 4    | 4       | 4      |
| -53.75° | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 4       | 4      |
| -55°    | 2    | 2       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      |
| -56.25° | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3       | 3      |
| -57.5°  | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      |
| -58.75° | 1    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      |
| -60°    | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    | 2       | 2      |
| -61.25° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 2      |
| -62.5°  | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -63.75° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -65°    | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -66.25° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -67.5°  | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -68.75° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -70°    | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      |
| -72.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -73.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -75°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -76.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -77.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



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**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -80°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -81.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -82.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -83.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -85°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -86.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -87.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -88.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -90°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



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**CANDELA DISTRIBUTION (continued):**

|        | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 90°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 88.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 87.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 86.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 85°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 83.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 82.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 78.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 77.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 76.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 75°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 73.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 72.5°  | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1      |
| 71.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 70°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 68.75° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 67.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 66.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 65°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 63.75° | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 2      |
| 62.5°  | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| 61.25° | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| 60°    | 2       | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3      |
| 58.75° | 2       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| 57.5°  | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| 56.25° | 3       | 3    | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4      |
| 55°    | 3       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| 53.75° | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| 52.5°  | 4       | 4    | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5      |
| 51.25° | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| 50°    | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| 48.75° | 5       | 5    | 5       | 5      | 5       | 5    | 6       | 6      | 6       | 6    | 6      |
| 47.5°  | 5       | 5    | 6       | 6      | 6       | 6    | 6       | 6      | 6       | 6    | 6      |
| 46.25° | 6       | 6    | 6       | 6      | 6       | 6    | 6       | 6      | 6       | 7    | 7      |
| 45°    | 6       | 6    | 6       | 6      | 6       | 7    | 7       | 7      | 7       | 7    | 7      |
| 43.75° | 6       | 6    | 7       | 7      | 7       | 7    | 7       | 7      | 7       | 7    | 7      |
| 42.5°  | 7       | 7    | 7       | 7      | 7       | 7    | 8       | 8      | 8       | 8    | 8      |
| 41.25° | 7       | 7    | 7       | 8      | 8       | 8    | 8       | 8      | 9       | 9    | 9      |
| 40°    | 7       | 8    | 8       | 8      | 8       | 9    | 9       | 10     | 10      | 10   | 10     |
| 38.75° | 8       | 8    | 9       | 9      | 10      | 10   | 10      | 11     | 11      | 12   | 13     |
| 37.5°  | 9       | 9    | 10      | 10     | 11      | 11   | 12      | 13     | 14      | 15   | 16     |
| 36.25° | 10      | 10   | 11      | 12     | 13      | 15   | 16      | 17     | 18      | 19   | 20     |
| 35°    | 11      | 12   | 14      | 15     | 17      | 18   | 20      | 22     | 24      | 26   | 28     |



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**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 33.75°  | 14      | 15   | 17      | 18     | 21      | 24   | 26      | 29     | 31      | 33   | 36     |
| 32.5°   | 16      | 18   | 21      | 25     | 28      | 31   | 33      | 38     | 42      | 46   | 50     |
| 31.25°  | 20      | 24   | 28      | 31     | 35      | 41   | 46      | 51     | 56      | 60   | 64     |
| 30°     | 26      | 30   | 34      | 41     | 47      | 53   | 59      | 64     | 70      | 74   | 79     |
| 28.75°  | 32      | 39   | 46      | 53     | 59      | 66   | 73      | 79     | 84      | 89   | 94     |
| 27.5°   | 42      | 50   | 57      | 65     | 73      | 80   | 87      | 93     | 102     | 109  | 121    |
| 26.25°  | 52      | 61   | 69      | 78     | 86      | 94   | 104     | 116    | 135     | 153  | 183    |
| 25°     | 63      | 73   | 82      | 91     | 102     | 115  | 138     | 168    | 207     | 248  | 292    |
| 23.75°  | 75      | 85   | 95      | 108    | 131     | 161  | 209     | 263    | 319     | 379  | 437    |
| 22.5°   | 86      | 98   | 113     | 142    | 188     | 246  | 315     | 389    | 463     | 540  | 609    |
| 21.25°  | 99      | 117  | 148     | 207    | 278     | 359  | 448     | 541    | 631     | 722  | 804    |
| 20°     | 117     | 151  | 216     | 298    | 392     | 494  | 602     | 711    | 817     | 917  | 1007   |
| 18.75°  | 148     | 216  | 305     | 409    | 524     | 645  | 769     | 892    | 1006    | 1110 | 1201   |
| 17.5°   | 207     | 298  | 409     | 534    | 668     | 806  | 943     | 1071   | 1187    | 1291 | 1387   |
| 16.25°  | 278     | 392  | 524     | 668    | 818     | 969  | 1110    | 1238   | 1358    | 1471 | 1577   |
| 15°     | 359     | 494  | 645     | 806    | 969     | 1123 | 1264    | 1399   | 1530    | 1653 | 1763   |
| 13.75°  | 448     | 602  | 769     | 943    | 1110    | 1264 | 1413    | 1560   | 1698    | 1825 | 1950   |
| 12.5°   | 541     | 711  | 892     | 1071   | 1238    | 1399 | 1560    | 1713   | 1859    | 2002 | 2122   |
| 11.25°  | 631     | 817  | 1006    | 1187   | 1358    | 1530 | 1698    | 1859   | 2018    | 2156 | 2283   |
| 10°     | 722     | 917  | 1110    | 1291   | 1471    | 1653 | 1825    | 2002   | 2156    | 2300 | 2426   |
| 8.75°   | 804     | 1007 | 1201    | 1387   | 1577    | 1763 | 1950    | 2122   | 2283    | 2426 | 2551   |
| 7.5°    | 880     | 1086 | 1280    | 1474   | 1672    | 1864 | 2056    | 2230   | 2392    | 2534 | 2662   |
| 6.25°   | 945     | 1153 | 1349    | 1551   | 1752    | 1955 | 2145    | 2324   | 2484    | 2627 | 2758   |
| 5°      | 999     | 1207 | 1408    | 1616   | 1819    | 2029 | 2219    | 2398   | 2558    | 2705 | 2839   |
| 3.75°   | 1041    | 1249 | 1454    | 1667   | 1876    | 2085 | 2279    | 2458   | 2617    | 2766 | 2901   |
| 2.5°    | 1071    | 1279 | 1488    | 1702   | 1917    | 2125 | 2322    | 2498   | 2660    | 2811 | 2947   |
| 1.25°   | 1090    | 1298 | 1509    | 1724   | 1942    | 2150 | 2346    | 2523   | 2686    | 2838 | 2974   |
| 0°      | 1096    | 1304 | 1516    | 1731   | 1950    | 2158 | 2354    | 2531   | 2695    | 2847 | 2983   |
| -1.25°  | 1090    | 1298 | 1509    | 1724   | 1942    | 2150 | 2346    | 2523   | 2686    | 2838 | 2974   |
| -2.5°   | 1071    | 1279 | 1488    | 1702   | 1917    | 2125 | 2322    | 2498   | 2660    | 2811 | 2947   |
| -3.75°  | 1041    | 1249 | 1454    | 1667   | 1876    | 2085 | 2279    | 2458   | 2617    | 2766 | 2901   |
| -5°     | 999     | 1207 | 1408    | 1616   | 1819    | 2029 | 2219    | 2398   | 2558    | 2705 | 2839   |
| -6.25°  | 945     | 1153 | 1349    | 1551   | 1752    | 1955 | 2145    | 2324   | 2484    | 2627 | 2758   |
| -7.5°   | 880     | 1086 | 1280    | 1474   | 1672    | 1864 | 2056    | 2230   | 2392    | 2534 | 2662   |
| -8.75°  | 804     | 1007 | 1201    | 1387   | 1577    | 1763 | 1950    | 2122   | 2283    | 2426 | 2551   |
| -10°    | 722     | 917  | 1110    | 1291   | 1471    | 1653 | 1825    | 2002   | 2156    | 2300 | 2426   |
| -11.25° | 631     | 817  | 1006    | 1187   | 1358    | 1530 | 1698    | 1859   | 2018    | 2156 | 2283   |
| -12.5°  | 541     | 711  | 892     | 1071   | 1238    | 1399 | 1560    | 1713   | 1859    | 2002 | 2122   |
| -13.75° | 448     | 602  | 769     | 943    | 1110    | 1264 | 1413    | 1560   | 1698    | 1825 | 1950   |
| -15°    | 359     | 494  | 645     | 806    | 969     | 1123 | 1264    | 1399   | 1530    | 1653 | 1763   |
| -16.25° | 278     | 392  | 524     | 668    | 818     | 969  | 1110    | 1238   | 1358    | 1471 | 1577   |
| -17.5°  | 207     | 298  | 409     | 534    | 668     | 806  | 943     | 1071   | 1187    | 1291 | 1387   |
| -18.75° | 148     | 216  | 305     | 409    | 524     | 645  | 769     | 892    | 1006    | 1110 | 1201   |
| -20°    | 117     | 151  | 216     | 298    | 392     | 494  | 602     | 711    | 817     | 917  | 1007   |
| -21.25° | 99      | 117  | 148     | 207    | 278     | 359  | 448     | 541    | 631     | 722  | 804    |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -22.5°  | 86      | 98   | 113     | 142    | 188     | 246  | 315     | 389    | 463     | 540  | 609    |
| -23.75° | 75      | 85   | 95      | 108    | 131     | 161  | 209     | 263    | 319     | 379  | 437    |
| -25°    | 63      | 73   | 82      | 91     | 102     | 115  | 138     | 168    | 207     | 248  | 292    |
| -26.25° | 52      | 61   | 69      | 78     | 86      | 94   | 104     | 116    | 135     | 153  | 183    |
| -27.5°  | 42      | 50   | 57      | 65     | 73      | 80   | 87      | 93     | 102     | 109  | 121    |
| -28.75° | 32      | 39   | 46      | 53     | 59      | 66   | 73      | 79     | 84      | 89   | 94     |
| -30°    | 26      | 30   | 34      | 41     | 47      | 53   | 59      | 64     | 70      | 74   | 79     |
| -31.25° | 20      | 24   | 28      | 31     | 35      | 41   | 46      | 51     | 56      | 60   | 64     |
| -32.5°  | 16      | 18   | 21      | 25     | 28      | 31   | 33      | 38     | 42      | 46   | 50     |
| -33.75° | 14      | 15   | 17      | 18     | 21      | 24   | 26      | 29     | 31      | 33   | 36     |
| -35°    | 11      | 12   | 14      | 15     | 17      | 18   | 20      | 22     | 24      | 26   | 28     |
| -36.25° | 10      | 10   | 11      | 12     | 13      | 15   | 16      | 17     | 18      | 19   | 20     |
| -37.5°  | 9       | 9    | 10      | 10     | 11      | 11   | 12      | 13     | 14      | 15   | 16     |
| -38.75° | 8       | 8    | 9       | 9      | 10      | 10   | 10      | 11     | 11      | 12   | 13     |
| -40°    | 7       | 8    | 8       | 8      | 8       | 9    | 9       | 10     | 10      | 10   | 10     |
| -41.25° | 7       | 7    | 7       | 8      | 8       | 8    | 8       | 8      | 9       | 9    | 9      |
| -42.5°  | 7       | 7    | 7       | 7      | 7       | 7    | 8       | 8      | 8       | 8    | 8      |
| -43.75° | 6       | 6    | 7       | 7      | 7       | 7    | 7       | 7      | 7       | 7    | 7      |
| -45°    | 6       | 6    | 6       | 6      | 6       | 7    | 7       | 7      | 7       | 7    | 7      |
| -46.25° | 6       | 6    | 6       | 6      | 6       | 6    | 6       | 6      | 6       | 7    | 7      |
| -47.5°  | 5       | 5    | 6       | 6      | 6       | 6    | 6       | 6      | 6       | 6    | 6      |
| -48.75° | 5       | 5    | 5       | 5      | 5       | 5    | 6       | 6      | 6       | 6    | 6      |
| -50°    | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| -51.25° | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| -52.5°  | 4       | 4    | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5      |
| -53.75° | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| -55°    | 3       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| -56.25° | 3       | 3    | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4      |
| -57.5°  | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| -58.75° | 2       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| -60°    | 2       | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3      |
| -61.25° | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| -62.5°  | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| -63.75° | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 2      |
| -65°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -66.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -67.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -68.75° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -70°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -71.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -72.5°  | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1      |
| -73.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -75°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -76.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -77.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |



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**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -78.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -82.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -83.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -85°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -86.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -87.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -88.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -90°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |



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**CANDELA DISTRIBUTION (continued):**

|        | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|--------|-------|--------|-----|--------|-------|--------|----|-------|------|-------|----|
| 90°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 88.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 87.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 85°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 83.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 82.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 81.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 80°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 78.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 77.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 76.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 75°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 73.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 72.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| 71.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| 70°    | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| 68.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| 67.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| 66.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| 65°    | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| 63.75° | 2     | 2      | 2   | 2      | 2     | 2      | 2  | 2     | 2    | 2     | 2  |
| 62.5°  | 2     | 2      | 2   | 2      | 2     | 2      | 2  | 2     | 2    | 2     | 2  |
| 61.25° | 2     | 2      | 2   | 2      | 2     | 2      | 2  | 2     | 2    | 2     | 2  |
| 60°    | 3     | 3      | 3   | 3      | 3     | 3      | 3  | 3     | 3    | 3     | 3  |
| 58.75° | 3     | 3      | 3   | 3      | 3     | 3      | 3  | 3     | 3    | 3     | 3  |
| 57.5°  | 3     | 3      | 3   | 3      | 3     | 3      | 4  | 3     | 3    | 3     | 3  |
| 56.25° | 4     | 4      | 4   | 4      | 4     | 4      | 4  | 4     | 4    | 4     | 4  |
| 55°    | 4     | 4      | 4   | 4      | 4     | 4      | 4  | 4     | 4    | 4     | 4  |
| 53.75° | 4     | 4      | 5   | 5      | 5     | 5      | 5  | 5     | 5    | 5     | 5  |
| 52.5°  | 5     | 5      | 5   | 5      | 5     | 5      | 5  | 5     | 5    | 5     | 5  |
| 51.25° | 5     | 5      | 5   | 5      | 5     | 5      | 5  | 5     | 5    | 5     | 5  |
| 50°    | 5     | 6      | 6   | 6      | 6     | 6      | 6  | 6     | 6    | 6     | 6  |
| 48.75° | 6     | 6      | 6   | 6      | 6     | 6      | 6  | 6     | 6    | 6     | 6  |
| 47.5°  | 6     | 6      | 6   | 6      | 6     | 6      | 6  | 6     | 6    | 6     | 6  |
| 46.25° | 7     | 7      | 7   | 7      | 7     | 7      | 7  | 7     | 7    | 7     | 7  |
| 45°    | 7     | 7      | 7   | 7      | 7     | 7      | 7  | 7     | 7    | 7     | 7  |
| 43.75° | 8     | 8      | 8   | 8      | 8     | 8      | 8  | 8     | 8    | 8     | 8  |
| 42.5°  | 8     | 8      | 8   | 8      | 8     | 8      | 9  | 8     | 8    | 8     | 8  |
| 41.25° | 9     | 9      | 10  | 10     | 10    | 10     | 10 | 10    | 10   | 10    | 10 |
| 40°    | 11    | 11     | 11  | 11     | 11    | 11     | 11 | 11    | 11   | 11    | 11 |
| 38.75° | 13    | 14     | 14  | 14     | 15    | 15     | 15 | 15    | 15   | 14    | 14 |
| 37.5°  | 17    | 17     | 18  | 18     | 18    | 18     | 18 | 18    | 18   | 18    | 18 |
| 36.25° | 22    | 23     | 24  | 25     | 25    | 26     | 26 | 26    | 25   | 25    | 24 |
| 35°    | 29    | 30     | 31  | 32     | 33    | 33     | 33 | 33    | 33   | 32    | 31 |



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**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5°  | -3.75° | -2.5° | -1.25° | 0°   | 1.25° | 2.5° | 3.75° | 5°   |
|---------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| 33.75°  | 39    | 42     | 44   | 45     | 46    | 47     | 47   | 47    | 46   | 45    | 44   |
| 32.5°   | 53    | 55     | 58   | 59     | 60    | 61     | 61   | 61    | 60   | 59    | 58   |
| 31.25°  | 67    | 70     | 73   | 75     | 76    | 77     | 77   | 77    | 76   | 75    | 73   |
| 30°     | 83    | 86     | 88   | 91     | 92    | 93     | 93   | 93    | 92   | 91    | 88   |
| 28.75°  | 100   | 105    | 109  | 113    | 117   | 120    | 121  | 120   | 117  | 113   | 109  |
| 27.5°   | 134   | 145    | 157  | 171    | 181   | 187    | 189  | 187   | 181  | 171   | 157  |
| 26.25°  | 210   | 235    | 260  | 281    | 295   | 304    | 307  | 304   | 295  | 281   | 260  |
| 25°     | 331   | 371    | 405  | 431    | 450   | 462    | 466  | 462   | 450  | 431   | 405  |
| 23.75°  | 490   | 540    | 582  | 614    | 640   | 655    | 660  | 655   | 640  | 614   | 582  |
| 22.5°   | 676   | 735    | 784  | 824    | 853   | 870    | 876  | 870   | 853  | 824   | 784  |
| 21.25°  | 880   | 945    | 999  | 1041   | 1071  | 1090   | 1096 | 1090  | 1071 | 1041  | 999  |
| 20°     | 1086  | 1153   | 1207 | 1249   | 1279  | 1298   | 1304 | 1298  | 1279 | 1249  | 1207 |
| 18.75°  | 1280  | 1349   | 1408 | 1454   | 1488  | 1509   | 1516 | 1509  | 1488 | 1454  | 1408 |
| 17.5°   | 1474  | 1551   | 1616 | 1667   | 1702  | 1724   | 1731 | 1724  | 1702 | 1667  | 1616 |
| 16.25°  | 1672  | 1752   | 1819 | 1876   | 1917  | 1942   | 1950 | 1942  | 1917 | 1876  | 1819 |
| 15°     | 1864  | 1955   | 2029 | 2085   | 2125  | 2150   | 2158 | 2150  | 2125 | 2085  | 2029 |
| 13.75°  | 2056  | 2145   | 2219 | 2279   | 2322  | 2346   | 2354 | 2346  | 2322 | 2279  | 2219 |
| 12.5°   | 2230  | 2324   | 2398 | 2458   | 2498  | 2523   | 2531 | 2523  | 2498 | 2458  | 2398 |
| 11.25°  | 2392  | 2484   | 2558 | 2617   | 2660  | 2686   | 2695 | 2686  | 2660 | 2617  | 2558 |
| 10°     | 2534  | 2627   | 2705 | 2766   | 2811  | 2838   | 2847 | 2838  | 2811 | 2766  | 2705 |
| 8.75°   | 2662  | 2758   | 2839 | 2901   | 2947  | 2974   | 2983 | 2974  | 2947 | 2901  | 2839 |
| 7.5°    | 2776  | 2875   | 2957 | 3020   | 3066  | 3093   | 3102 | 3093  | 3066 | 3020  | 2957 |
| 6.25°   | 2875  | 2975   | 3058 | 3121   | 3165  | 3189   | 3198 | 3189  | 3165 | 3121  | 3058 |
| 5°      | 2957  | 3058   | 3140 | 3198   | 3237  | 3260   | 3268 | 3260  | 3237 | 3198  | 3140 |
| 3.75°   | 3020  | 3121   | 3198 | 3252   | 3287  | 3308   | 3311 | 3308  | 3287 | 3252  | 3198 |
| 2.5°    | 3066  | 3165   | 3237 | 3287   | 3315  | 3327   | 3330 | 3327  | 3315 | 3287  | 3237 |
| 1.25°   | 3093  | 3189   | 3260 | 3308   | 3327  | 3337   | 3342 | 3337  | 3327 | 3308  | 3260 |
| 0°      | 3102  | 3198   | 3268 | 3311   | 3330  | 3342   | 3353 | 3342  | 3330 | 3311  | 3268 |
| -1.25°  | 3093  | 3189   | 3260 | 3308   | 3327  | 3337   | 3342 | 3337  | 3327 | 3308  | 3260 |
| -2.5°   | 3066  | 3165   | 3237 | 3287   | 3315  | 3327   | 3330 | 3327  | 3315 | 3287  | 3237 |
| -3.75°  | 3020  | 3121   | 3198 | 3252   | 3287  | 3308   | 3311 | 3308  | 3287 | 3252  | 3198 |
| -5°     | 2957  | 3058   | 3140 | 3198   | 3237  | 3260   | 3268 | 3260  | 3237 | 3198  | 3140 |
| -6.25°  | 2875  | 2975   | 3058 | 3121   | 3165  | 3189   | 3198 | 3189  | 3165 | 3121  | 3058 |
| -7.5°   | 2776  | 2875   | 2957 | 3020   | 3066  | 3093   | 3102 | 3093  | 3066 | 3020  | 2957 |
| -8.75°  | 2662  | 2758   | 2839 | 2901   | 2947  | 2974   | 2983 | 2974  | 2947 | 2901  | 2839 |
| -10°    | 2534  | 2627   | 2705 | 2766   | 2811  | 2838   | 2847 | 2838  | 2811 | 2766  | 2705 |
| -11.25° | 2392  | 2484   | 2558 | 2617   | 2660  | 2686   | 2695 | 2686  | 2660 | 2617  | 2558 |
| -12.5°  | 2230  | 2324   | 2398 | 2458   | 2498  | 2523   | 2531 | 2523  | 2498 | 2458  | 2398 |
| -13.75° | 2056  | 2145   | 2219 | 2279   | 2322  | 2346   | 2354 | 2346  | 2322 | 2279  | 2219 |
| -15°    | 1864  | 1955   | 2029 | 2085   | 2125  | 2150   | 2158 | 2150  | 2125 | 2085  | 2029 |
| -16.25° | 1672  | 1752   | 1819 | 1876   | 1917  | 1942   | 1950 | 1942  | 1917 | 1876  | 1819 |
| -17.5°  | 1474  | 1551   | 1616 | 1667   | 1702  | 1724   | 1731 | 1724  | 1702 | 1667  | 1616 |
| -18.75° | 1280  | 1349   | 1408 | 1454   | 1488  | 1509   | 1516 | 1509  | 1488 | 1454  | 1408 |
| -20°    | 1086  | 1153   | 1207 | 1249   | 1279  | 1298   | 1304 | 1298  | 1279 | 1249  | 1207 |
| -21.25° | 880   | 945    | 999  | 1041   | 1071  | 1090   | 1096 | 1090  | 1071 | 1041  | 999  |





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**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0°  | 1.25° | 2.5° | 3.75° | 5°  |
|---------|-------|--------|-----|--------|-------|--------|-----|-------|------|-------|-----|
| -22.5°  | 676   | 735    | 784 | 824    | 853   | 870    | 876 | 870   | 853  | 824   | 784 |
| -23.75° | 490   | 540    | 582 | 614    | 640   | 655    | 660 | 655   | 640  | 614   | 582 |
| -25°    | 331   | 371    | 405 | 431    | 450   | 462    | 466 | 462   | 450  | 431   | 405 |
| -26.25° | 210   | 235    | 260 | 281    | 295   | 304    | 307 | 304   | 295  | 281   | 260 |
| -27.5°  | 134   | 145    | 157 | 171    | 181   | 187    | 189 | 187   | 181  | 171   | 157 |
| -28.75° | 100   | 105    | 109 | 113    | 117   | 120    | 121 | 120   | 117  | 113   | 109 |
| -30°    | 83    | 86     | 88  | 91     | 92    | 93     | 93  | 93    | 92   | 91    | 88  |
| -31.25° | 67    | 70     | 73  | 75     | 76    | 77     | 77  | 77    | 76   | 75    | 73  |
| -32.5°  | 53    | 55     | 58  | 59     | 60    | 61     | 61  | 61    | 60   | 59    | 58  |
| -33.75° | 39    | 42     | 44  | 45     | 46    | 47     | 47  | 47    | 46   | 45    | 44  |
| -35°    | 29    | 30     | 31  | 32     | 33    | 33     | 33  | 33    | 33   | 32    | 31  |
| -36.25° | 22    | 23     | 24  | 25     | 25    | 26     | 26  | 26    | 25   | 25    | 24  |
| -37.5°  | 17    | 17     | 18  | 18     | 18    | 18     | 18  | 18    | 18   | 18    | 18  |
| -38.75° | 13    | 14     | 14  | 14     | 15    | 15     | 15  | 15    | 15   | 14    | 14  |
| -40°    | 11    | 11     | 11  | 11     | 11    | 11     | 11  | 11    | 11   | 11    | 11  |
| -41.25° | 9     | 9      | 10  | 10     | 10    | 10     | 10  | 10    | 10   | 10    | 10  |
| -42.5°  | 8     | 8      | 8   | 8      | 8     | 8      | 9   | 8     | 8    | 8     | 8   |
| -43.75° | 8     | 8      | 8   | 8      | 8     | 8      | 8   | 8     | 8    | 8     | 8   |
| -45°    | 7     | 7      | 7   | 7      | 7     | 7      | 7   | 7     | 7    | 7     | 7   |
| -46.25° | 7     | 7      | 7   | 7      | 7     | 7      | 7   | 7     | 7    | 7     | 7   |
| -47.5°  | 6     | 6      | 6   | 6      | 6     | 6      | 6   | 6     | 6    | 6     | 6   |
| -48.75° | 6     | 6      | 6   | 6      | 6     | 6      | 6   | 6     | 6    | 6     | 6   |
| -50°    | 5     | 6      | 6   | 6      | 6     | 6      | 6   | 6     | 6    | 6     | 6   |
| -51.25° | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5     | 5    | 5     | 5   |
| -52.5°  | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5     | 5    | 5     | 5   |
| -53.75° | 4     | 4      | 5   | 5      | 5     | 5      | 5   | 5     | 5    | 5     | 5   |
| -55°    | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4     | 4    | 4     | 4   |
| -56.25° | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4     | 4    | 4     | 4   |
| -57.5°  | 3     | 3      | 3   | 3      | 3     | 3      | 4   | 3     | 3    | 3     | 3   |
| -58.75° | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3     | 3    | 3     | 3   |
| -60°    | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3     | 3    | 3     | 3   |
| -61.25° | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2     | 2    | 2     | 2   |
| -62.5°  | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2     | 2    | 2     | 2   |
| -63.75° | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2     | 2    | 2     | 2   |
| -65°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| -66.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| -67.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| -68.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| -70°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| -71.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| -72.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| -73.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0   |
| -75°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0   |
| -76.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0   |
| -77.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0   |



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**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|-----|--------|-------|--------|----|-------|------|-------|----|
| -78.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -80°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -81.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -82.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -83.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -85°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -87.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -88.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -90°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|--------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| 90°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 88.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 87.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 86.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 85°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 83.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 82.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 81.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 80°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 78.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 77.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 76.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 75°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 73.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 72.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| 71.25° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 70°    | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 68.75° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 67.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 66.25° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 65°    | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 63.75° | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      |
| 62.5°  | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| 61.25° | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| 60°    | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      |
| 58.75° | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| 57.5°  | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| 56.25° | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 3      |
| 55°    | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      |
| 53.75° | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      |
| 52.5°  | 5     | 5    | 5     | 5   | 5      | 5     | 5      | 4   | 4      | 4     | 4      |
| 51.25° | 5     | 5    | 5     | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      |
| 50°    | 6     | 5    | 5     | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      |
| 48.75° | 6     | 6    | 6     | 6   | 6      | 6     | 6      | 5   | 5      | 5     | 5      |
| 47.5°  | 6     | 6    | 6     | 6   | 6      | 6     | 6      | 6   | 6      | 6     | 6      |
| 46.25° | 7     | 7    | 7     | 7   | 6      | 6     | 6      | 6   | 6      | 6     | 6      |
| 45°    | 7     | 7    | 7     | 7   | 7      | 7     | 7      | 7   | 6      | 6     | 6      |
| 43.75° | 8     | 8    | 7     | 7   | 7      | 7     | 7      | 7   | 7      | 7     | 7      |
| 42.5°  | 8     | 8    | 8     | 8   | 8      | 8     | 8      | 7   | 7      | 7     | 7      |
| 41.25° | 9     | 9    | 9     | 9   | 9      | 8     | 8      | 8   | 8      | 8     | 7      |
| 40°    | 11    | 11   | 10    | 10  | 10     | 10    | 9      | 9   | 8      | 8     | 8      |
| 38.75° | 14    | 13   | 13    | 12  | 11     | 11    | 10     | 10  | 10     | 9     | 9      |
| 37.5°  | 17    | 17   | 16    | 15  | 14     | 13    | 12     | 11  | 11     | 10    | 10     |
| 36.25° | 23    | 22   | 20    | 19  | 18     | 17    | 16     | 15  | 13     | 12    | 11     |
| 35°    | 30    | 29   | 28    | 26  | 24     | 22    | 20     | 18  | 17     | 15    | 14     |



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**CANDELA DISTRIBUTION (continued):**

|         | 6.25° | 7.5° | 8.75° | 10°  | 11.25° | 12.5° | 13.75° | 15°  | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|------|--------|-------|--------|------|--------|-------|--------|
| 33.75°  | 42    | 39   | 36    | 33   | 31     | 29    | 26     | 24   | 21     | 18    | 17     |
| 32.5°   | 55    | 53   | 50    | 46   | 42     | 38    | 33     | 31   | 28     | 25    | 21     |
| 31.25°  | 70    | 67   | 64    | 60   | 56     | 51    | 46     | 41   | 35     | 31    | 28     |
| 30°     | 86    | 83   | 79    | 74   | 70     | 64    | 59     | 53   | 47     | 41    | 34     |
| 28.75°  | 105   | 100  | 94    | 89   | 84     | 79    | 73     | 66   | 59     | 53    | 46     |
| 27.5°   | 145   | 134  | 121   | 109  | 102    | 93    | 87     | 80   | 73     | 65    | 57     |
| 26.25°  | 235   | 210  | 183   | 153  | 135    | 116   | 104    | 94   | 86     | 78    | 69     |
| 25°     | 371   | 331  | 292   | 248  | 207    | 168   | 138    | 115  | 102    | 91    | 82     |
| 23.75°  | 540   | 490  | 437   | 379  | 319    | 263   | 209    | 161  | 131    | 108   | 95     |
| 22.5°   | 735   | 676  | 609   | 540  | 463    | 389   | 315    | 246  | 188    | 142   | 113    |
| 21.25°  | 945   | 880  | 804   | 722  | 631    | 541   | 448    | 359  | 278    | 207   | 148    |
| 20°     | 1153  | 1086 | 1007  | 917  | 817    | 711   | 602    | 494  | 392    | 298   | 216    |
| 18.75°  | 1349  | 1280 | 1201  | 1110 | 1006   | 892   | 769    | 645  | 524    | 409   | 305    |
| 17.5°   | 1551  | 1474 | 1387  | 1291 | 1187   | 1071  | 943    | 806  | 668    | 534   | 409    |
| 16.25°  | 1752  | 1672 | 1577  | 1471 | 1358   | 1238  | 1110   | 969  | 818    | 668   | 524    |
| 15°     | 1955  | 1864 | 1763  | 1653 | 1530   | 1399  | 1264   | 1123 | 969    | 806   | 645    |
| 13.75°  | 2145  | 2056 | 1950  | 1825 | 1698   | 1560  | 1413   | 1264 | 1110   | 943   | 769    |
| 12.5°   | 2324  | 2230 | 2122  | 2002 | 1859   | 1713  | 1560   | 1399 | 1238   | 1071  | 892    |
| 11.25°  | 2484  | 2392 | 2283  | 2156 | 2018   | 1859  | 1698   | 1530 | 1358   | 1187  | 1006   |
| 10°     | 2627  | 2534 | 2426  | 2300 | 2156   | 2002  | 1825   | 1653 | 1471   | 1291  | 1110   |
| 8.75°   | 2758  | 2662 | 2551  | 2426 | 2283   | 2122  | 1950   | 1763 | 1577   | 1387  | 1201   |
| 7.5°    | 2875  | 2776 | 2662  | 2534 | 2392   | 2230  | 2056   | 1864 | 1672   | 1474  | 1280   |
| 6.25°   | 2975  | 2875 | 2758  | 2627 | 2484   | 2324  | 2145   | 1955 | 1752   | 1551  | 1349   |
| 5°      | 3058  | 2957 | 2839  | 2705 | 2558   | 2398  | 2219   | 2029 | 1819   | 1616  | 1408   |
| 3.75°   | 3121  | 3020 | 2901  | 2766 | 2617   | 2458  | 2279   | 2085 | 1876   | 1667  | 1454   |
| 2.5°    | 3165  | 3066 | 2947  | 2811 | 2660   | 2498  | 2322   | 2125 | 1917   | 1702  | 1488   |
| 1.25°   | 3189  | 3093 | 2974  | 2838 | 2686   | 2523  | 2346   | 2150 | 1942   | 1724  | 1509   |
| 0°      | 3198  | 3102 | 2983  | 2847 | 2695   | 2531  | 2354   | 2158 | 1950   | 1731  | 1516   |
| -1.25°  | 3189  | 3093 | 2974  | 2838 | 2686   | 2523  | 2346   | 2150 | 1942   | 1724  | 1509   |
| -2.5°   | 3165  | 3066 | 2947  | 2811 | 2660   | 2498  | 2322   | 2125 | 1917   | 1702  | 1488   |
| -3.75°  | 3121  | 3020 | 2901  | 2766 | 2617   | 2458  | 2279   | 2085 | 1876   | 1667  | 1454   |
| -5°     | 3058  | 2957 | 2839  | 2705 | 2558   | 2398  | 2219   | 2029 | 1819   | 1616  | 1408   |
| -6.25°  | 2975  | 2875 | 2758  | 2627 | 2484   | 2324  | 2145   | 1955 | 1752   | 1551  | 1349   |
| -7.5°   | 2875  | 2776 | 2662  | 2534 | 2392   | 2230  | 2056   | 1864 | 1672   | 1474  | 1280   |
| -8.75°  | 2758  | 2662 | 2551  | 2426 | 2283   | 2122  | 1950   | 1763 | 1577   | 1387  | 1201   |
| -10°    | 2627  | 2534 | 2426  | 2300 | 2156   | 2002  | 1825   | 1653 | 1471   | 1291  | 1110   |
| -11.25° | 2484  | 2392 | 2283  | 2156 | 2018   | 1859  | 1698   | 1530 | 1358   | 1187  | 1006   |
| -12.5°  | 2324  | 2230 | 2122  | 2002 | 1859   | 1713  | 1560   | 1399 | 1238   | 1071  | 892    |
| -13.75° | 2145  | 2056 | 1950  | 1825 | 1698   | 1560  | 1413   | 1264 | 1110   | 943   | 769    |
| -15°    | 1955  | 1864 | 1763  | 1653 | 1530   | 1399  | 1264   | 1123 | 969    | 806   | 645    |
| -16.25° | 1752  | 1672 | 1577  | 1471 | 1358   | 1238  | 1110   | 969  | 818    | 668   | 524    |
| -17.5°  | 1551  | 1474 | 1387  | 1291 | 1187   | 1071  | 943    | 806  | 668    | 534   | 409    |
| -18.75° | 1349  | 1280 | 1201  | 1110 | 1006   | 892   | 769    | 645  | 524    | 409   | 305    |
| -20°    | 1153  | 1086 | 1007  | 917  | 817    | 711   | 602    | 494  | 392    | 298   | 216    |
| -21.25° | 945   | 880  | 804   | 722  | 631    | 541   | 448    | 359  | 278    | 207   | 148    |



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**CANDELA DISTRIBUTION (continued):**

|         | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| -22.5°  | 735   | 676  | 609   | 540 | 463    | 389   | 315    | 246 | 188    | 142   | 113    |
| -23.75° | 540   | 490  | 437   | 379 | 319    | 263   | 209    | 161 | 131    | 108   | 95     |
| -25°    | 371   | 331  | 292   | 248 | 207    | 168   | 138    | 115 | 102    | 91    | 82     |
| -26.25° | 235   | 210  | 183   | 153 | 135    | 116   | 104    | 94  | 86     | 78    | 69     |
| -27.5°  | 145   | 134  | 121   | 109 | 102    | 93    | 87     | 80  | 73     | 65    | 57     |
| -28.75° | 105   | 100  | 94    | 89  | 84     | 79    | 73     | 66  | 59     | 53    | 46     |
| -30°    | 86    | 83   | 79    | 74  | 70     | 64    | 59     | 53  | 47     | 41    | 34     |
| -31.25° | 70    | 67   | 64    | 60  | 56     | 51    | 46     | 41  | 35     | 31    | 28     |
| -32.5°  | 55    | 53   | 50    | 46  | 42     | 38    | 33     | 31  | 28     | 25    | 21     |
| -33.75° | 42    | 39   | 36    | 33  | 31     | 29    | 26     | 24  | 21     | 18    | 17     |
| -35°    | 30    | 29   | 28    | 26  | 24     | 22    | 20     | 18  | 17     | 15    | 14     |
| -36.25° | 23    | 22   | 20    | 19  | 18     | 17    | 16     | 15  | 13     | 12    | 11     |
| -37.5°  | 17    | 17   | 16    | 15  | 14     | 13    | 12     | 11  | 11     | 10    | 10     |
| -38.75° | 14    | 13   | 13    | 12  | 11     | 11    | 10     | 10  | 10     | 9     | 9      |
| -40°    | 11    | 11   | 10    | 10  | 10     | 10    | 9      | 9   | 8      | 8     | 8      |
| -41.25° | 9     | 9    | 9     | 9   | 9      | 8     | 8      | 8   | 8      | 8     | 7      |
| -42.5°  | 8     | 8    | 8     | 8   | 8      | 8     | 8      | 7   | 7      | 7     | 7      |
| -43.75° | 8     | 8    | 7     | 7   | 7      | 7     | 7      | 7   | 7      | 7     | 7      |
| -45°    | 7     | 7    | 7     | 7   | 7      | 7     | 7      | 7   | 6      | 6     | 6      |
| -46.25° | 7     | 7    | 7     | 7   | 6      | 6     | 6      | 6   | 6      | 6     | 6      |
| -47.5°  | 6     | 6    | 6     | 6   | 6      | 6     | 6      | 6   | 6      | 6     | 6      |
| -48.75° | 6     | 6    | 6     | 6   | 6      | 6     | 6      | 5   | 5      | 5     | 5      |
| -50°    | 6     | 5    | 5     | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      |
| -51.25° | 5     | 5    | 5     | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      |
| -52.5°  | 5     | 5    | 5     | 5   | 5      | 5     | 5      | 4   | 4      | 4     | 4      |
| -53.75° | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      |
| -55°    | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      |
| -56.25° | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 3      |
| -57.5°  | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| -58.75° | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| -60°    | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      |
| -61.25° | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| -62.5°  | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| -63.75° | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      |
| -65°    | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -66.25° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -67.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -68.75° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -70°    | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -71.25° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -72.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| -73.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -75°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -76.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -77.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| -78.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -80°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -81.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -82.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -83.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -85°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -86.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -87.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -88.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -90°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 88.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 87.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 86.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 85°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 83.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 82.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 81.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 80°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 78.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 77.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 76.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 75°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 73.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 72.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 71.25° | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     |
| 70°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     |
| 68.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 67.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 66.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 65°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 63.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 62.5°  | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 61.25° | 2   | 2      | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     |
| 60°    | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 1      | 1     |
| 58.75° | 3   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     |
| 57.5°  | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      | 2     |
| 56.25° | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 2   | 2      | 2     |
| 55°    | 4   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3      | 3     |
| 53.75° | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 3      | 3   | 3      | 3     |
| 52.5°  | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 3     |
| 51.25° | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 3      | 3     |
| 50°    | 5   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     |
| 48.75° | 5   | 5      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 4     |
| 47.5°  | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 4   | 4      | 4     |
| 46.25° | 6   | 6      | 6     | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 4     |
| 45°    | 6   | 6      | 6     | 6      | 6   | 5      | 5     | 5      | 5   | 5      | 5     |
| 43.75° | 6   | 6      | 6     | 6      | 6   | 6      | 6     | 5      | 5   | 5      | 5     |
| 42.5°  | 7   | 7      | 7     | 6      | 6   | 6      | 6     | 6      | 6   | 5      | 5     |
| 41.25° | 7   | 7      | 7     | 7      | 7   | 6      | 6     | 6      | 6   | 6      | 5     |
| 40°    | 8   | 7      | 7     | 7      | 7   | 7      | 6     | 6      | 6   | 6      | 6     |
| 38.75° | 8   | 8      | 8     | 7      | 7   | 7      | 7     | 7      | 6   | 6      | 6     |
| 37.5°  | 9   | 9      | 8     | 8      | 8   | 7      | 7     | 7      | 7   | 6      | 6     |
| 36.25° | 10  | 10     | 9     | 9      | 8   | 8      | 7     | 7      | 7   | 7      | 6     |
| 35°    | 12  | 11     | 10    | 10     | 9   | 8      | 8     | 8      | 7   | 7      | 7     |

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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 20°  | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 33.75°  | 15   | 14     | 12    | 11     | 10  | 9      | 9     | 8      | 8   | 7      | 7     |
| 32.5°   | 18   | 16     | 15    | 13     | 11  | 10     | 10    | 9      | 8   | 8      | 7     |
| 31.25°  | 24   | 20     | 17    | 16     | 14  | 11     | 11    | 10     | 9   | 8      | 8     |
| 30°     | 30   | 26     | 22    | 18     | 16  | 14     | 12    | 11     | 10  | 9      | 8     |
| 28.75°  | 39   | 32     | 28    | 24     | 19  | 17     | 14    | 12     | 11  | 10     | 9     |
| 27.5°   | 50   | 42     | 34    | 29     | 24  | 20     | 17    | 14     | 12  | 11     | 10    |
| 26.25°  | 61   | 52     | 44    | 35     | 29  | 25     | 20    | 17     | 14  | 11     | 10    |
| 25°     | 73   | 63     | 54    | 45     | 36  | 29     | 24    | 19     | 16  | 14     | 11    |
| 23.75°  | 85   | 75     | 64    | 55     | 45  | 35     | 29    | 24     | 18  | 16     | 13    |
| 22.5°   | 98   | 86     | 75    | 64     | 54  | 44     | 34    | 28     | 22  | 17     | 15    |
| 21.25°  | 117  | 99     | 86    | 75     | 63  | 52     | 42    | 32     | 26  | 20     | 16    |
| 20°     | 151  | 117    | 98    | 85     | 73  | 61     | 50    | 39     | 30  | 24     | 18    |
| 18.75°  | 216  | 148    | 113   | 95     | 82  | 69     | 57    | 46     | 34  | 28     | 21    |
| 17.5°   | 298  | 207    | 142   | 108    | 91  | 78     | 65    | 53     | 41  | 31     | 25    |
| 16.25°  | 392  | 278    | 188   | 131    | 102 | 86     | 73    | 59     | 47  | 35     | 28    |
| 15°     | 494  | 359    | 246   | 161    | 115 | 94     | 80    | 66     | 53  | 41     | 31    |
| 13.75°  | 602  | 448    | 315   | 209    | 138 | 104    | 87    | 73     | 59  | 46     | 33    |
| 12.5°   | 711  | 541    | 389   | 263    | 168 | 116    | 93    | 79     | 64  | 51     | 38    |
| 11.25°  | 817  | 631    | 463   | 319    | 207 | 135    | 102   | 84     | 70  | 56     | 42    |
| 10°     | 917  | 722    | 540   | 379    | 248 | 153    | 109   | 89     | 74  | 60     | 46    |
| 8.75°   | 1007 | 804    | 609   | 437    | 292 | 183    | 121   | 94     | 79  | 64     | 50    |
| 7.5°    | 1086 | 880    | 676   | 490    | 331 | 210    | 134   | 100    | 83  | 67     | 53    |
| 6.25°   | 1153 | 945    | 735   | 540    | 371 | 235    | 145   | 105    | 86  | 70     | 55    |
| 5°      | 1207 | 999    | 784   | 582    | 405 | 260    | 157   | 109    | 88  | 73     | 58    |
| 3.75°   | 1249 | 1041   | 824   | 614    | 431 | 281    | 171   | 113    | 91  | 75     | 59    |
| 2.5°    | 1279 | 1071   | 853   | 640    | 450 | 295    | 181   | 117    | 92  | 76     | 60    |
| 1.25°   | 1298 | 1090   | 870   | 655    | 462 | 304    | 187   | 120    | 93  | 77     | 61    |
| 0°      | 1304 | 1096   | 876   | 660    | 466 | 307    | 189   | 121    | 93  | 77     | 61    |
| -1.25°  | 1298 | 1090   | 870   | 655    | 462 | 304    | 187   | 120    | 93  | 77     | 61    |
| -2.5°   | 1279 | 1071   | 853   | 640    | 450 | 295    | 181   | 117    | 92  | 76     | 60    |
| -3.75°  | 1249 | 1041   | 824   | 614    | 431 | 281    | 171   | 113    | 91  | 75     | 59    |
| -5°     | 1207 | 999    | 784   | 582    | 405 | 260    | 157   | 109    | 88  | 73     | 58    |
| -6.25°  | 1153 | 945    | 735   | 540    | 371 | 235    | 145   | 105    | 86  | 70     | 55    |
| -7.5°   | 1086 | 880    | 676   | 490    | 331 | 210    | 134   | 100    | 83  | 67     | 53    |
| -8.75°  | 1007 | 804    | 609   | 437    | 292 | 183    | 121   | 94     | 79  | 64     | 50    |
| -10°    | 917  | 722    | 540   | 379    | 248 | 153    | 109   | 89     | 74  | 60     | 46    |
| -11.25° | 817  | 631    | 463   | 319    | 207 | 135    | 102   | 84     | 70  | 56     | 42    |
| -12.5°  | 711  | 541    | 389   | 263    | 168 | 116    | 93    | 79     | 64  | 51     | 38    |
| -13.75° | 602  | 448    | 315   | 209    | 138 | 104    | 87    | 73     | 59  | 46     | 33    |
| -15°    | 494  | 359    | 246   | 161    | 115 | 94     | 80    | 66     | 53  | 41     | 31    |
| -16.25° | 392  | 278    | 188   | 131    | 102 | 86     | 73    | 59     | 47  | 35     | 28    |
| -17.5°  | 298  | 207    | 142   | 108    | 91  | 78     | 65    | 53     | 41  | 31     | 25    |
| -18.75° | 216  | 148    | 113   | 95     | 82  | 69     | 57    | 46     | 34  | 28     | 21    |
| -20°    | 151  | 117    | 98    | 85     | 73  | 61     | 50    | 39     | 30  | 24     | 18    |
| -21.25° | 117  | 99     | 86    | 75     | 63  | 52     | 42    | 32     | 26  | 20     | 16    |





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**CANDELA DISTRIBUTION (continued):**

|         | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -22.5°  | 98  | 86     | 75    | 64     | 54  | 44     | 34    | 28     | 22  | 17     | 15    |
| -23.75° | 85  | 75     | 64    | 55     | 45  | 35     | 29    | 24     | 18  | 16     | 13    |
| -25°    | 73  | 63     | 54    | 45     | 36  | 29     | 24    | 19     | 16  | 14     | 11    |
| -26.25° | 61  | 52     | 44    | 35     | 29  | 25     | 20    | 17     | 14  | 11     | 10    |
| -27.5°  | 50  | 42     | 34    | 29     | 24  | 20     | 17    | 14     | 12  | 11     | 10    |
| -28.75° | 39  | 32     | 28    | 24     | 19  | 17     | 14    | 12     | 11  | 10     | 9     |
| -30°    | 30  | 26     | 22    | 18     | 16  | 14     | 12    | 11     | 10  | 9      | 8     |
| -31.25° | 24  | 20     | 17    | 16     | 14  | 11     | 11    | 10     | 9   | 8      | 8     |
| -32.5°  | 18  | 16     | 15    | 13     | 11  | 10     | 10    | 9      | 8   | 8      | 7     |
| -33.75° | 15  | 14     | 12    | 11     | 10  | 9      | 9     | 8      | 8   | 7      | 7     |
| -35°    | 12  | 11     | 10    | 10     | 9   | 8      | 8     | 8      | 7   | 7      | 7     |
| -36.25° | 10  | 10     | 9     | 9      | 8   | 8      | 7     | 7      | 7   | 7      | 6     |
| -37.5°  | 9   | 9      | 8     | 8      | 8   | 7      | 7     | 7      | 7   | 6      | 6     |
| -38.75° | 8   | 8      | 8     | 7      | 7   | 7      | 7     | 7      | 6   | 6      | 6     |
| -40°    | 8   | 7      | 7     | 7      | 7   | 7      | 6     | 6      | 6   | 6      | 6     |
| -41.25° | 7   | 7      | 7     | 7      | 7   | 6      | 6     | 6      | 6   | 6      | 5     |
| -42.5°  | 7   | 7      | 7     | 6      | 6   | 6      | 6     | 6      | 6   | 5      | 5     |
| -43.75° | 6   | 6      | 6     | 6      | 6   | 6      | 6     | 5      | 5   | 5      | 5     |
| -45°    | 6   | 6      | 6     | 6      | 6   | 5      | 5     | 5      | 5   | 5      | 5     |
| -46.25° | 6   | 6      | 6     | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 4     |
| -47.5°  | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 4   | 4      | 4     |
| -48.75° | 5   | 5      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 4     |
| -50°    | 5   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     |
| -51.25° | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 3      | 3     |
| -52.5°  | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 3     |
| -53.75° | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 3      | 3   | 3      | 3     |
| -55°    | 4   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3      | 3     |
| -56.25° | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 2   | 2      | 2     |
| -57.5°  | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      | 2     |
| -58.75° | 3   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     |
| -60°    | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 1      | 1     |
| -61.25° | 2   | 2      | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     |
| -62.5°  | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -63.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -65°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -66.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -67.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -68.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -70°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     |
| -71.25° | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     |
| -72.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -73.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -75°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -76.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -77.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



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**CANDELA DISTRIBUTION (continued):**

|         | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -80°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -81.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -82.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -83.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -85°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -86.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -87.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -88.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -90°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|--------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| 90°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 88.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 87.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 86.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 85°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 83.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 82.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 81.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 80°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 78.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 77.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 76.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 75°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 73.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 72.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 71.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 70°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 68.75° | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 67.5°  | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      |
| 66.25° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      |
| 65°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 63.75° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 62.5°  | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 61.25° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 60°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 58.75° | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 57.5°  | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 56.25° | 2      | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      |
| 55°    | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      |
| 53.75° | 3      | 3   | 2      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      |
| 52.5°  | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 1      |
| 51.25° | 3      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 2      |
| 50°    | 3      | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      |
| 48.75° | 4      | 4   | 3      | 3     | 3      | 3   | 3      | 3     | 2      | 2   | 2      |
| 47.5°  | 4      | 4   | 4      | 3     | 3      | 3   | 3      | 3     | 3      | 2   | 2      |
| 46.25° | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 3      | 3   | 2      |
| 45°    | 4      | 4   | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 3   | 3      |
| 43.75° | 5      | 5   | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 3      |
| 42.5°  | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 3      |
| 41.25° | 5      | 5   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 3   | 3      |
| 40°    | 5      | 5   | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 4   | 3      |
| 38.75° | 6      | 6   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 4      |
| 37.5°  | 6      | 6   | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      |
| 36.25° | 6      | 6   | 6      | 6     | 5      | 5   | 5      | 5     | 4      | 4   | 4      |
| 35°    | 7      | 6   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 4   | 4      |



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**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| 33.75°  | 7      | 7   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 4   | 4      |
| 32.5°   | 7      | 7   | 6      | 6     | 6      | 6   | 5      | 5     | 5      | 5   | 4      |
| 31.25°  | 7      | 7   | 7      | 6     | 6      | 6   | 6      | 5     | 5      | 5   | 5      |
| 30°     | 8      | 7   | 7      | 7     | 6      | 6   | 6      | 6     | 5      | 5   | 5      |
| 28.75°  | 8      | 8   | 7      | 7     | 7      | 6   | 6      | 6     | 5      | 5   | 5      |
| 27.5°   | 9      | 8   | 7      | 7     | 7      | 6   | 6      | 6     | 6      | 5   | 5      |
| 26.25°  | 9      | 8   | 8      | 7     | 7      | 7   | 6      | 6     | 6      | 5   | 5      |
| 25°     | 10     | 9   | 8      | 8     | 7      | 7   | 7      | 6     | 6      | 6   | 5      |
| 23.75°  | 11     | 10  | 9      | 8     | 7      | 7   | 7      | 6     | 6      | 6   | 5      |
| 22.5°   | 12     | 10  | 9      | 8     | 8      | 7   | 7      | 7     | 6      | 6   | 6      |
| 21.25°  | 14     | 11  | 10     | 9     | 8      | 7   | 7      | 7     | 6      | 6   | 6      |
| 20°     | 15     | 12  | 10     | 9     | 8      | 8   | 7      | 7     | 6      | 6   | 6      |
| 18.75°  | 17     | 14  | 11     | 10    | 9      | 8   | 7      | 7     | 7      | 6   | 6      |
| 17.5°   | 18     | 15  | 12     | 10    | 9      | 8   | 8      | 7     | 7      | 6   | 6      |
| 16.25°  | 21     | 17  | 13     | 11    | 10     | 8   | 8      | 7     | 7      | 6   | 6      |
| 15°     | 24     | 18  | 15     | 11    | 10     | 9   | 8      | 7     | 7      | 7   | 6      |
| 13.75°  | 26     | 20  | 16     | 12    | 10     | 9   | 8      | 8     | 7      | 7   | 6      |
| 12.5°   | 29     | 22  | 17     | 13    | 11     | 10  | 8      | 8     | 7      | 7   | 6      |
| 11.25°  | 31     | 24  | 18     | 14    | 11     | 10  | 9      | 8     | 7      | 7   | 6      |
| 10°     | 33     | 26  | 19     | 15    | 12     | 10  | 9      | 8     | 7      | 7   | 7      |
| 8.75°   | 36     | 28  | 20     | 16    | 13     | 10  | 9      | 8     | 7      | 7   | 7      |
| 7.5°    | 39     | 29  | 22     | 17    | 13     | 11  | 9      | 8     | 8      | 7   | 7      |
| 6.25°   | 42     | 30  | 23     | 17    | 14     | 11  | 9      | 8     | 8      | 7   | 7      |
| 5°      | 44     | 31  | 24     | 18    | 14     | 11  | 10     | 8     | 8      | 7   | 7      |
| 3.75°   | 45     | 32  | 25     | 18    | 14     | 11  | 10     | 8     | 8      | 7   | 7      |
| 2.5°    | 46     | 33  | 25     | 18    | 15     | 11  | 10     | 8     | 8      | 7   | 7      |
| 1.25°   | 47     | 33  | 26     | 18    | 15     | 11  | 10     | 8     | 8      | 7   | 7      |
| 0°      | 47     | 33  | 26     | 18    | 15     | 11  | 10     | 9     | 8      | 7   | 7      |
| -1.25°  | 47     | 33  | 26     | 18    | 15     | 11  | 10     | 8     | 8      | 7   | 7      |
| -2.5°   | 46     | 33  | 25     | 18    | 15     | 11  | 10     | 8     | 8      | 7   | 7      |
| -3.75°  | 45     | 32  | 25     | 18    | 14     | 11  | 10     | 8     | 8      | 7   | 7      |
| -5°     | 44     | 31  | 24     | 18    | 14     | 11  | 10     | 8     | 8      | 7   | 7      |
| -6.25°  | 42     | 30  | 23     | 17    | 14     | 11  | 9      | 8     | 8      | 7   | 7      |
| -7.5°   | 39     | 29  | 22     | 17    | 13     | 11  | 9      | 8     | 8      | 7   | 7      |
| -8.75°  | 36     | 28  | 20     | 16    | 13     | 10  | 9      | 8     | 7      | 7   | 7      |
| -10°    | 33     | 26  | 19     | 15    | 12     | 10  | 9      | 8     | 7      | 7   | 7      |
| -11.25° | 31     | 24  | 18     | 14    | 11     | 10  | 9      | 8     | 7      | 7   | 6      |
| -12.5°  | 29     | 22  | 17     | 13    | 11     | 10  | 8      | 8     | 7      | 7   | 6      |
| -13.75° | 26     | 20  | 16     | 12    | 10     | 9   | 8      | 8     | 7      | 7   | 6      |
| -15°    | 24     | 18  | 15     | 11    | 10     | 9   | 8      | 7     | 7      | 7   | 6      |
| -16.25° | 21     | 17  | 13     | 11    | 10     | 8   | 8      | 7     | 7      | 6   | 6      |
| -17.5°  | 18     | 15  | 12     | 10    | 9      | 8   | 8      | 7     | 7      | 6   | 6      |
| -18.75° | 17     | 14  | 11     | 10    | 9      | 8   | 7      | 7     | 7      | 6   | 6      |
| -20°    | 15     | 12  | 10     | 9     | 8      | 8   | 7      | 7     | 6      | 6   | 6      |
| -21.25° | 14     | 11  | 10     | 9     | 8      | 7   | 7      | 7     | 6      | 6   | 6      |



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**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| -22.5°  | 12     | 10  | 9      | 8     | 8      | 7   | 7      | 7     | 6      | 6   | 6      |
| -23.75° | 11     | 10  | 9      | 8     | 7      | 7   | 7      | 6     | 6      | 6   | 5      |
| -25°    | 10     | 9   | 8      | 8     | 7      | 7   | 7      | 6     | 6      | 6   | 5      |
| -26.25° | 9      | 8   | 8      | 7     | 7      | 7   | 6      | 6     | 6      | 5   | 5      |
| -27.5°  | 9      | 8   | 7      | 7     | 7      | 6   | 6      | 6     | 6      | 5   | 5      |
| -28.75° | 8      | 8   | 7      | 7     | 7      | 6   | 6      | 6     | 5      | 5   | 5      |
| -30°    | 8      | 7   | 7      | 7     | 6      | 6   | 6      | 6     | 5      | 5   | 5      |
| -31.25° | 7      | 7   | 7      | 6     | 6      | 6   | 6      | 5     | 5      | 5   | 5      |
| -32.5°  | 7      | 7   | 6      | 6     | 6      | 6   | 5      | 5     | 5      | 5   | 4      |
| -33.75° | 7      | 7   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 4   | 4      |
| -35°    | 7      | 6   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 4   | 4      |
| -36.25° | 6      | 6   | 6      | 6     | 5      | 5   | 5      | 5     | 4      | 4   | 4      |
| -37.5°  | 6      | 6   | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      |
| -38.75° | 6      | 6   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 4      |
| -40°    | 5      | 5   | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 4   | 3      |
| -41.25° | 5      | 5   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 3   | 3      |
| -42.5°  | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 3      |
| -43.75° | 5      | 5   | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 3      |
| -45°    | 4      | 4   | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 3   | 3      |
| -46.25° | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 3      | 3   | 2      |
| -47.5°  | 4      | 4   | 4      | 3     | 3      | 3   | 3      | 3     | 3      | 2   | 2      |
| -48.75° | 4      | 4   | 3      | 3     | 3      | 3   | 3      | 3     | 2      | 2   | 2      |
| -50°    | 3      | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      |
| -51.25° | 3      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 2      |
| -52.5°  | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 1      |
| -53.75° | 3      | 3   | 2      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      |
| -55°    | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      |
| -56.25° | 2      | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      |
| -57.5°  | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -58.75° | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -60°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -61.25° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -62.5°  | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -63.75° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -65°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -66.25° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      |
| -67.5°  | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      |
| -68.75° | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -70°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -71.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -72.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -73.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -75°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -76.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -77.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |



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**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| -78.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -80°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -81.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -82.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -83.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -85°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -86.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -87.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -88.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -90°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |



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**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| 90°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 88.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 87.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 85°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 83.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 82.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 81.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 80°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 78.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 77.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 76.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 75°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 73.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 72.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 71.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 70°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 68.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 67.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 66.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 65°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 63.75° | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 62.5°  | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 61.25° | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 60°    | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   |
| 58.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   |
| 57.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   |
| 56.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   |
| 55°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   |
| 53.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 52.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 51.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 50°    | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 48.75° | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 47.5°  | 2     | 2      | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 46.25° | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 45°    | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   |
| 43.75° | 3     | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   |
| 42.5°  | 3     | 3      | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   |
| 41.25° | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 1   |
| 40°    | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 1   |
| 38.75° | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 1     | 1      | 1   |
| 37.5°  | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 1     | 1      | 1   |
| 36.25° | 4     | 3      | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 1      | 1   |
| 35°    | 4     | 4      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 1      | 1   |



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**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| 33.75°  | 4     | 4      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      | 1   |
| 32.5°   | 4     | 4      | 4   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 1   |
| 31.25°  | 4     | 4      | 4   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 1   |
| 30°     | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 2      | 2     | 2      | 2   |
| 28.75°  | 5     | 4      | 4   | 4      | 3     | 3      | 3   | 3      | 2     | 2      | 2   |
| 27.5°   | 5     | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 2     | 2      | 2   |
| 26.25°  | 5     | 5      | 4   | 4      | 4     | 3      | 3   | 3      | 2     | 2      | 2   |
| 25°     | 5     | 5      | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 2      | 2   |
| 23.75°  | 5     | 5      | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   |
| 22.5°   | 5     | 5      | 5   | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   |
| 21.25°  | 5     | 5      | 5   | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   |
| 20°     | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| 18.75°  | 6     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| 17.5°   | 6     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| 16.25°  | 6     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| 15°     | 6     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| 13.75°  | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| 12.5°   | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| 11.25°  | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| 10°     | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| 8.75°   | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| 7.5°    | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| 6.25°   | 6     | 6      | 6   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| 5°      | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| 3.75°   | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| 2.5°    | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| 1.25°   | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| 0°      | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| -1.25°  | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| -2.5°   | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| -3.75°  | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| -5°     | 6     | 6      | 6   | 5      | 5     | 5      | 4   | 4      | 3     | 3      | 3   |
| -6.25°  | 6     | 6      | 6   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| -7.5°   | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| -8.75°  | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| -10°    | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| -11.25° | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| -12.5°  | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| -13.75° | 6     | 6      | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      | 3   |
| -15°    | 6     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| -16.25° | 6     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| -17.5°  | 6     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| -18.75° | 6     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| -20°    | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 2   |
| -21.25° | 5     | 5      | 5   | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   |





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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -22.5°  | 5     | 5      | 5   | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   |
| -23.75° | 5     | 5      | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   |
| -25°    | 5     | 5      | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 2      | 2   |
| -26.25° | 5     | 5      | 4   | 4      | 4     | 3      | 3   | 3      | 2     | 2      | 2   |
| -27.5°  | 5     | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 2     | 2      | 2   |
| -28.75° | 5     | 4      | 4   | 4      | 3     | 3      | 3   | 3      | 2     | 2      | 2   |
| -30°    | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 2      | 2     | 2      | 2   |
| -31.25° | 4     | 4      | 4   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 1   |
| -32.5°  | 4     | 4      | 4   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 1   |
| -33.75° | 4     | 4      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      | 1   |
| -35°    | 4     | 4      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 1      | 1   |
| -36.25° | 4     | 3      | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 1      | 1   |
| -37.5°  | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 1     | 1      | 1   |
| -38.75° | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 1     | 1      | 1   |
| -40°    | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 1   |
| -41.25° | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 1   |
| -42.5°  | 3     | 3      | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   |
| -43.75° | 3     | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   |
| -45°    | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   |
| -46.25° | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -47.5°  | 2     | 2      | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -48.75° | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -50°    | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -51.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -52.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -53.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -55°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   |
| -56.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   |
| -57.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   |
| -58.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   |
| -60°    | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   |
| -61.25° | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -62.5°  | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -63.75° | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -65°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -66.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -67.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -68.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -70°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -71.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -72.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -73.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -75°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -76.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -77.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |



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**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -78.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -80°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -81.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -82.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -83.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -85°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -87.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -88.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -90°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|--------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| 90°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 88.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 87.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 86.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 85°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 83.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 82.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 81.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 80°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 78.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 77.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 76.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 75°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 73.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 72.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 71.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 70°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 68.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 67.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 66.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 65°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 63.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 62.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 61.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 60°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 58.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 57.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 56.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 55°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 53.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 52.5°  | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 51.25° | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 50°    | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 48.75° | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 47.5°  | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 46.25° | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 45°    | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 43.75° | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      |
| 42.5°  | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      |
| 41.25° | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      |
| 40°    | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      |
| 38.75° | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      |
| 37.5°  | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      |
| 36.25° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| 35°    | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |



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**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| 33.75°  | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| 32.5°   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| 31.25°  | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| 30°     | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| 28.75°  | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| 27.5°   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| 26.25°  | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| 25°     | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 23.75°  | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 22.5°   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 21.25°  | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 20°     | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 18.75°  | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 17.5°   | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 16.25°  | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 15°     | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 13.75°  | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 12.5°   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 11.25°  | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 10°     | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 8.75°   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 7.5°    | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 6.25°   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 5°      | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 3.75°   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 2.5°    | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 1.25°   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| 0°      | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -1.25°  | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -2.5°   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -3.75°  | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -5°     | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -6.25°  | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -7.5°   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -8.75°  | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -10°    | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -11.25° | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -12.5°  | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -13.75° | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -15°    | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      |
| -16.25° | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| -17.5°  | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| -18.75° | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| -20°    | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| -21.25° | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| -22.5°  | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| -23.75° | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| -25°    | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| -26.25° | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| -27.5°  | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| -28.75° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| -30°    | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| -31.25° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| -32.5°  | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| -33.75° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| -35°    | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| -36.25° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| -37.5°  | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      |
| -38.75° | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      |
| -40°    | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      |
| -41.25° | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      |
| -42.5°  | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      |
| -43.75° | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      |
| -45°    | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -46.25° | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -47.5°  | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -48.75° | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -50°    | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -51.25° | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -52.5°  | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -53.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -55°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -56.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -57.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -58.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -60°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -61.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -62.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -63.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -65°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -66.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -67.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -68.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -70°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -71.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -72.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -73.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -75°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -76.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -77.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| -78.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -80°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -81.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -82.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -83.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -85°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -86.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -87.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -88.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -90°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 88.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 87.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 86.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 85°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 83.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 82.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 81.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 80°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 78.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 77.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 76.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 75°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 73.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 72.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 71.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 70°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 68.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 67.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 66.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 65°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 63.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 62.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 61.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 60°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 58.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 57.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 56.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 55°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 53.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 52.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 51.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 50°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 48.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 47.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 46.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 45°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 43.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 42.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 41.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 40°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 38.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 37.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 36.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 35°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 33.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 32.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 31.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 30°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 28.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 27.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 26.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 25°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 23.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 22.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 21.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 20°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 18.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 17.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 16.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 15°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 13.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 12.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 11.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 10°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 8.75°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 7.5°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 6.25°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 5°      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 3.75°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 2.5°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 1.25°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 0°      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -1.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -2.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -3.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -5°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -6.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -7.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -8.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -10°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -11.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -12.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -13.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -15°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -16.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -17.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -18.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -20°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -21.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |





REPORT NUMBER: P220549 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3097-F-BK-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -22.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -23.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -25°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -26.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -27.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -28.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -30°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -31.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -32.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -33.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -35°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -36.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -37.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -38.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -40°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -41.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -42.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -43.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -45°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -46.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -47.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -48.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -50°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -51.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -52.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -53.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -55°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -56.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -57.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -58.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -60°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -61.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -62.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -63.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -65°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -66.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -67.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -68.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -70°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -71.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -72.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -73.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -75°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -76.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -77.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



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**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -80°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -81.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -82.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -83.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -85°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -86.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -87.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -88.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -90°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



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**CANDELA DISTRIBUTION (continued):**

|        | 88.75° | 90° |
|--------|--------|-----|
| 90°    | 0      | 0   |
| 88.75° | 0      | 0   |
| 87.5°  | 0      | 0   |
| 86.25° | 0      | 0   |
| 85°    | 0      | 0   |
| 83.75° | 0      | 0   |
| 82.5°  | 0      | 0   |
| 81.25° | 0      | 0   |
| 80°    | 0      | 0   |
| 78.75° | 0      | 0   |
| 77.5°  | 0      | 0   |
| 76.25° | 0      | 0   |
| 75°    | 0      | 0   |
| 73.75° | 0      | 0   |
| 72.5°  | 0      | 0   |
| 71.25° | 0      | 0   |
| 70°    | 0      | 0   |
| 68.75° | 0      | 0   |
| 67.5°  | 0      | 0   |
| 66.25° | 0      | 0   |
| 65°    | 0      | 0   |
| 63.75° | 0      | 0   |
| 62.5°  | 0      | 0   |
| 61.25° | 0      | 0   |
| 60°    | 0      | 0   |
| 58.75° | 0      | 0   |
| 57.5°  | 0      | 0   |
| 56.25° | 0      | 0   |
| 55°    | 0      | 0   |
| 53.75° | 0      | 0   |
| 52.5°  | 0      | 0   |
| 51.25° | 0      | 0   |
| 50°    | 0      | 0   |
| 48.75° | 0      | 0   |
| 47.5°  | 0      | 0   |
| 46.25° | 0      | 0   |
| 45°    | 0      | 0   |
| 43.75° | 0      | 0   |
| 42.5°  | 0      | 0   |
| 41.25° | 0      | 0   |
| 40°    | 0      | 0   |
| 38.75° | 0      | 0   |
| 37.5°  | 0      | 0   |
| 36.25° | 0      | 0   |
| 35°    | 0      | 0   |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| 33.75°  | 0      | 0   |
| 32.5°   | 0      | 0   |
| 31.25°  | 0      | 0   |
| 30°     | 0      | 0   |
| 28.75°  | 0      | 0   |
| 27.5°   | 0      | 0   |
| 26.25°  | 0      | 0   |
| 25°     | 0      | 0   |
| 23.75°  | 0      | 0   |
| 22.5°   | 0      | 0   |
| 21.25°  | 0      | 0   |
| 20°     | 0      | 0   |
| 18.75°  | 0      | 0   |
| 17.5°   | 0      | 0   |
| 16.25°  | 0      | 0   |
| 15°     | 0      | 0   |
| 13.75°  | 0      | 0   |
| 12.5°   | 0      | 0   |
| 11.25°  | 0      | 0   |
| 10°     | 0      | 0   |
| 8.75°   | 0      | 0   |
| 7.5°    | 0      | 0   |
| 6.25°   | 0      | 0   |
| 5°      | 0      | 0   |
| 3.75°   | 0      | 0   |
| 2.5°    | 0      | 0   |
| 1.25°   | 0      | 0   |
| 0°      | 0      | 0   |
| -1.25°  | 0      | 0   |
| -2.5°   | 0      | 0   |
| -3.75°  | 0      | 0   |
| -5°     | 0      | 0   |
| -6.25°  | 0      | 0   |
| -7.5°   | 0      | 0   |
| -8.75°  | 0      | 0   |
| -10°    | 0      | 0   |
| -11.25° | 0      | 0   |
| -12.5°  | 0      | 0   |
| -13.75° | 0      | 0   |
| -15°    | 0      | 0   |
| -16.25° | 0      | 0   |
| -17.5°  | 0      | 0   |
| -18.75° | 0      | 0   |
| -20°    | 0      | 0   |
| -21.25° | 0      | 0   |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| -22.5°  | 0      | 0   |
| -23.75° | 0      | 0   |
| -25°    | 0      | 0   |
| -26.25° | 0      | 0   |
| -27.5°  | 0      | 0   |
| -28.75° | 0      | 0   |
| -30°    | 0      | 0   |
| -31.25° | 0      | 0   |
| -32.5°  | 0      | 0   |
| -33.75° | 0      | 0   |
| -35°    | 0      | 0   |
| -36.25° | 0      | 0   |
| -37.5°  | 0      | 0   |
| -38.75° | 0      | 0   |
| -40°    | 0      | 0   |
| -41.25° | 0      | 0   |
| -42.5°  | 0      | 0   |
| -43.75° | 0      | 0   |
| -45°    | 0      | 0   |
| -46.25° | 0      | 0   |
| -47.5°  | 0      | 0   |
| -48.75° | 0      | 0   |
| -50°    | 0      | 0   |
| -51.25° | 0      | 0   |
| -52.5°  | 0      | 0   |
| -53.75° | 0      | 0   |
| -55°    | 0      | 0   |
| -56.25° | 0      | 0   |
| -57.5°  | 0      | 0   |
| -58.75° | 0      | 0   |
| -60°    | 0      | 0   |
| -61.25° | 0      | 0   |
| -62.5°  | 0      | 0   |
| -63.75° | 0      | 0   |
| -65°    | 0      | 0   |
| -66.25° | 0      | 0   |
| -67.5°  | 0      | 0   |
| -68.75° | 0      | 0   |
| -70°    | 0      | 0   |
| -71.25° | 0      | 0   |
| -72.5°  | 0      | 0   |
| -73.75° | 0      | 0   |
| -75°    | 0      | 0   |
| -76.25° | 0      | 0   |
| -77.5°  | 0      | 0   |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| -78.75° | 0      | 0   |
| -80°    | 0      | 0   |
| -81.25° | 0      | 0   |
| -82.5°  | 0      | 0   |
| -83.75° | 0      | 0   |
| -85°    | 0      | 0   |
| -86.25° | 0      | 0   |
| -87.5°  | 0      | 0   |
| -88.75° | 0      | 0   |
| -90°    | 0      | 0   |

(END OF REPORT)