

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: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED5080-W-WT-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)  
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]-FL-LED5080-W-WT-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

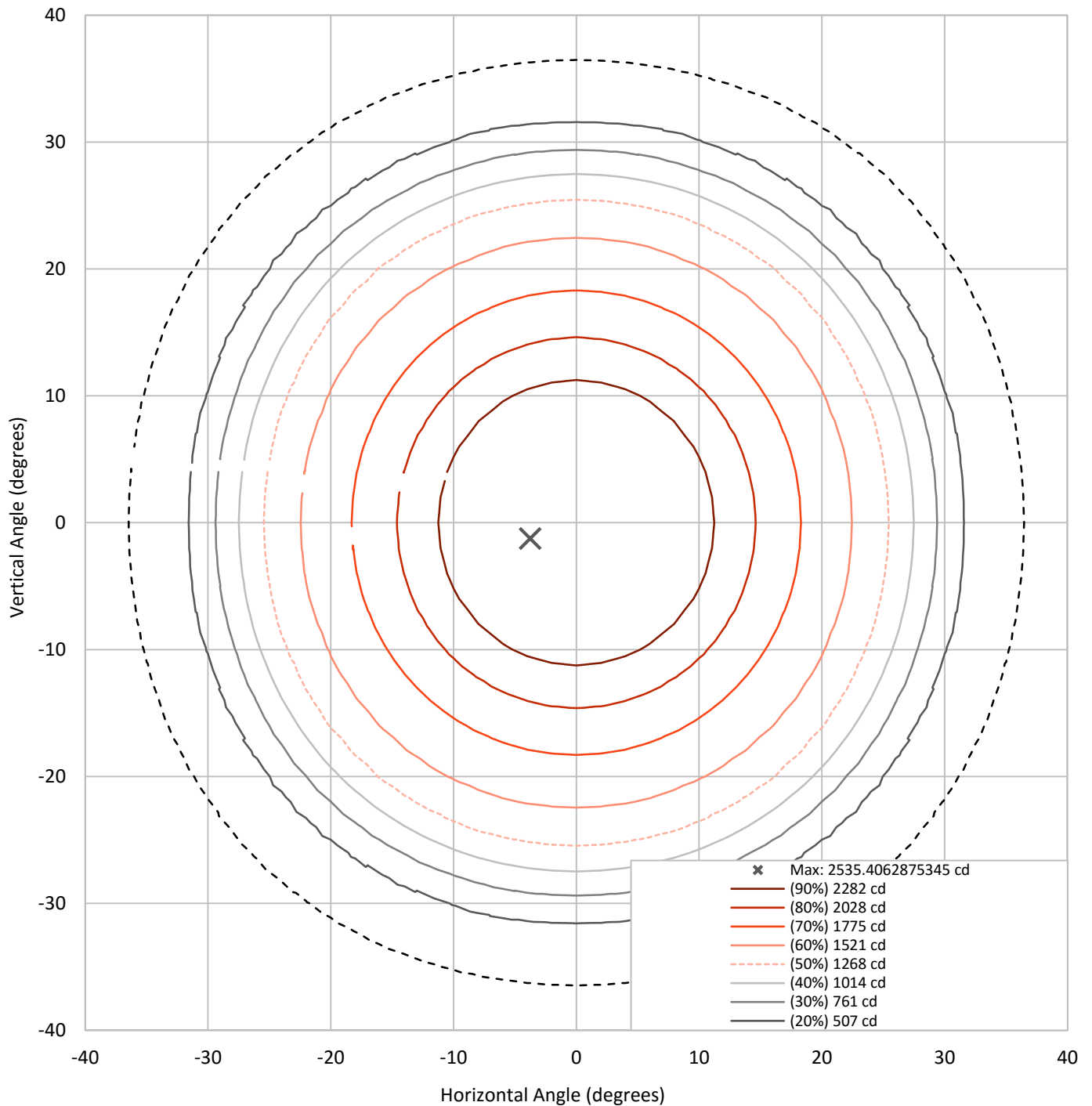
**Summary**

|                                   |                               |                      |                   |
|-----------------------------------|-------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                           | NEMA Type:           | 5H x 5V           |
| Luminaire Lumens:                 | 1691.8 lumens                 | Max Intensity:       | 2535.4 candela    |
| Efficiency:                       | N/A                           | Max Intensity Angle: | -3.75°H x -1.25°V |
| Efficacy:                         | 84.2 lumens/watt              |                      |                   |
| Luminous Opening:                 | Circular (Dia: 0.25' x H: 0') |                      |                   |
| Beam Angle (50%):                 | 51°H x 50.5°V                 | Field Angle (10%):   | 72.8°H x 72.6°V   |
| Beam Lumens:                      | 1139.6 lumens                 | Field Lumens:        | 1519.9 lumens     |
| Beam Efficiency:                  | 67.4%                         | Field Efficiency:    | 89.8%             |
| 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                         |                      |                   |

REPORT NUMBER: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-L2-UNV

### Iso-Candela Plot





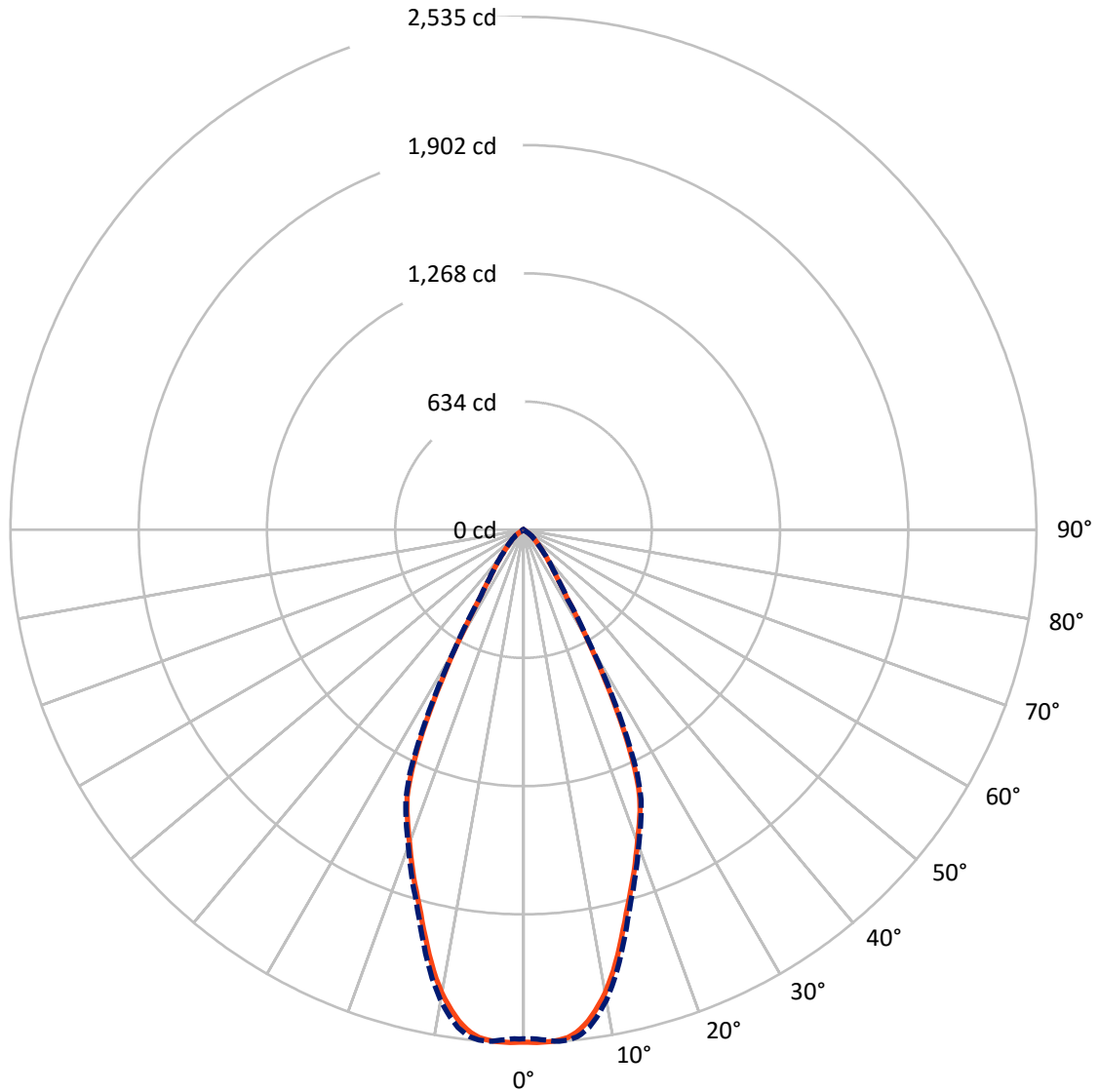
REPORT NUMBER: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-L2-UNV

### Lumen Table

|     |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|-----|-----|-----|-----|----|----|----|----|
| 90  |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| 80  | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0 | 0.0 | 0.0 |     |    |    |    |    |
| 70  |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| 60  | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1 | 0.0 | 0.0 |     |    |    |    |    |
| 50  |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| 40  | 0.0 | 0.0 | 0.1 | 0.2 | 0.8 | 1.8  | 2.7  | 3.3  | 3.3  | 2.7  | 1.8  | 0.8 | 0.2 | 0.1 | 0.0 |    |    |    |    |
| 30  |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| 20  | 0.0 | 0.1 | 0.2 | 1.4 | 3.7 | 9.5  | 24.4 | 36.4 | 36.4 | 24.4 | 9.5  | 3.7 | 1.4 | 0.2 | 0.1 |    |    |    |    |
| 10  |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| 0   | 0.0 | 0.1 | 0.5 | 2.4 | 8.0 | 33.3 | 56.9 | 73.8 | 73.8 | 56.9 | 33.3 | 8.0 | 2.4 | 0.5 | 0.1 |    |    |    |    |
| -10 |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| -20 | 0.0 | 0.1 | 0.5 | 2.4 | 8.0 | 33.3 | 56.9 | 73.8 | 73.8 | 56.9 | 33.3 | 8.0 | 2.4 | 0.5 | 0.1 |    |    |    |    |
| -30 |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| -40 | 0.0 | 0.1 | 0.4 | 2.0 | 5.9 | 23.0 | 46.5 | 58.6 | 58.6 | 46.5 | 23.0 | 5.9 | 2.0 | 0.4 | 0.1 |    |    |    |    |
| -50 |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| -60 | 0.0 | 0.1 | 0.2 | 1.4 | 3.7 | 9.5  | 24.4 | 36.4 | 36.4 | 24.4 | 9.5  | 3.7 | 1.4 | 0.2 | 0.1 |    |    |    |    |
| -70 |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
| -80 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1 | 0.1 | 0.0 | 0.0 |    |    |    |    |
| -90 |     |     |     |     |     |      |      |      |      |      |      |     |     |     |     |    |    |    |    |
|     | -90 | -80 | -70 | -60 | -50 | -40  | -30  | -20  | -10  | 0    | 10   | 20  | 30  | 40  | 50  | 60 | 70 | 80 | 90 |

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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-L2-UNV

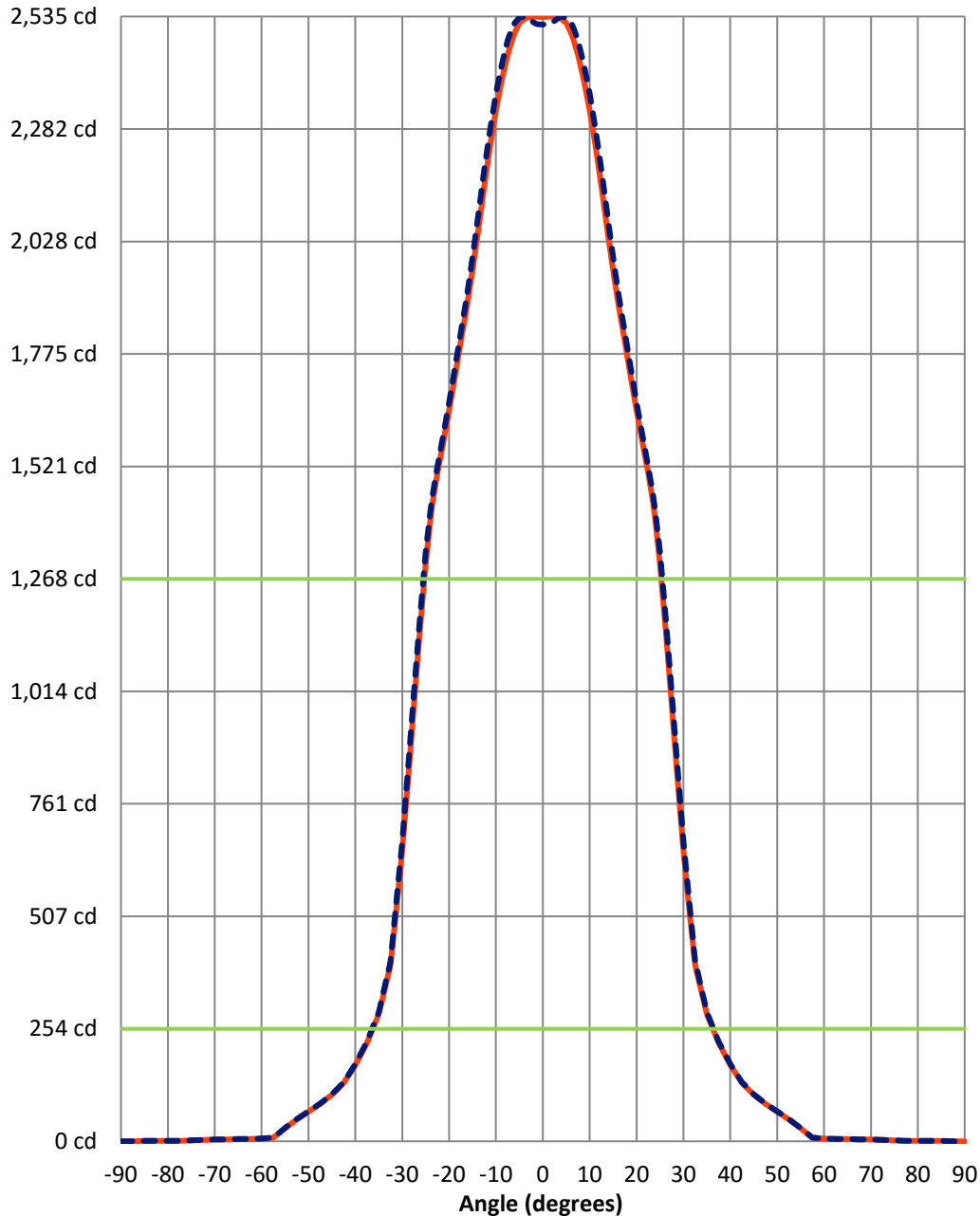
### Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg    - - - Horizontal Distribution Through -1.25-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 50.5°  
 Lumens: 1139.6  
 Efficiency: 67.4%

**Field:**  
 H Angle: 72.8°  
 V Angle: 72.6°  
 Lumens: 1519.9  
 Efficiency: 89.8%

**Spill:**  
 Lumens: 171.9  
 Efficiency: 10.2%

— Vertical Distribution through -3.75-Deg  
 - - Horizontal Distribution through -1.25-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       | 1      |
| 70°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      |
| 68.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      |
| 67.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      |
| 66.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      |
| 65°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      |
| 63.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      |
| 62.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      |
| 61.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 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    | 0       | 1      | 1       | 1    | 1       | 1      |
| 56.25° | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      |
| 55°    | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      |
| 53.75° | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      |
| 52.5°  | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 51.25° | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 50°    | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 48.75° | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 47.5°  | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 46.25° | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 45°    | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 43.75° | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 42.5°  | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 41.25° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 40°    | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 38.75° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 37.5°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 36.25° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 35°    | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 32.5°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 31.25°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 30°     | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 28.75°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 27.5°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 26.25°  | 0    | 0       | 0      | 0       | 1    | 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      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 13.75°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 12.5°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 11.25°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 10°     | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 8.75°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 7.5°    | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 6.25°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 5°      | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 3.75°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 2.5°    | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 1.25°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 0°      | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -1.25°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -2.5°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -3.75°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -5°     | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -6.25°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -7.5°   | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -8.75°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -10°    | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -11.25° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -12.5°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -13.75° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -15°    | 0    | 0       | 0      | 0       | 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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**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       | 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       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -27.5°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -28.75° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -30°    | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -31.25° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -32.5°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -33.75° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -35°    | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -36.25° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -37.5°  | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -38.75° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -40°    | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -41.25° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -42.5°  | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -43.75° | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -45°    | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -46.25° | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -47.5°  | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -48.75° | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -50°    | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -51.25° | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -52.5°  | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -53.75° | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      |
| -55°    | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      |
| -56.25° | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       | 1      |
| -57.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 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      | 1       | 1    | 1       | 1      |
| -62.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      |
| -63.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      |
| -65°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      |
| -66.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      |
| -67.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      |
| -68.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      |
| -70°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      |
| -71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 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      |



REPORT NUMBER: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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      |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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    | 1       |
| 80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       |
| 78.75° | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| 77.5°  | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 76.25° | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 75°    | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 73.75° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| 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° | 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      | 1       | 1    | 2       |
| 55°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 2    | 2       |
| 53.75° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       |
| 52.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       |
| 51.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 3       |
| 50°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 3       |
| 48.75° | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 3    | 3       |
| 47.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 3    | 3       |
| 46.25° | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 3       | 3    | 3       |
| 45°    | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 3       | 3    | 3       |
| 43.75° | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 3      | 3       | 3    | 4       |
| 42.5°  | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 3      | 3       | 3    | 4       |
| 41.25° | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 3      | 3       | 4    | 4       |
| 40°    | 1       | 1    | 1       | 1      | 2       | 2    | 3       | 3      | 3       | 4    | 4       |
| 38.75° | 1       | 1    | 1       | 1      | 2       | 2    | 3       | 3      | 3       | 4    | 4       |
| 37.5°  | 1       | 1    | 1       | 2      | 2       | 2    | 3       | 3      | 4       | 4    | 4       |
| 36.25° | 1       | 1    | 1       | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       |
| 35°    | 1       | 1    | 1       | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       |



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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°  | 1       | 1    | 1       | 2      | 2       | 3    | 3       | 4      | 4       | 4    | 4       |
| 32.5°   | 1       | 1    | 2       | 2      | 2       | 3    | 3       | 4      | 4       | 4    | 4       |
| 31.25°  | 1       | 1    | 2       | 2      | 2       | 3    | 3       | 4      | 4       | 4    | 4       |
| 30°     | 1       | 1    | 2       | 2      | 3       | 3    | 3       | 4      | 4       | 4    | 4       |
| 28.75°  | 1       | 1    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 4       |
| 27.5°   | 1       | 1    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 4       |
| 26.25°  | 1       | 1    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 5       |
| 25°     | 1       | 1    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 5       |
| 23.75°  | 1       | 2    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 5       |
| 22.5°   | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 5       |
| 21.25°  | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 5       |
| 20°     | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| 18.75°  | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| 17.5°   | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| 16.25°  | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| 15°     | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| 13.75°  | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| 12.5°   | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| 11.25°  | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 5       | 5    | 5       |
| 10°     | 1       | 2    | 2       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| 8.75°   | 1       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| 7.5°    | 1       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| 6.25°   | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| 5°      | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| 3.75°   | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| 2.5°    | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| 1.25°   | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| 0°      | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -1.25°  | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -2.5°   | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -3.75°  | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -5°     | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -6.25°  | 2       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -7.5°   | 1       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -8.75°  | 1       | 2    | 3       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -10°    | 1       | 2    | 2       | 3      | 4       | 4    | 4       | 4      | 5       | 5    | 5       |
| -11.25° | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 5       | 5    | 5       |
| -12.5°  | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| -13.75° | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| -15°    | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| -16.25° | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| -17.5°  | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| -18.75° | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| -20°    | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 5    | 5       |
| -21.25° | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 5       |



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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° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -22.5°  | 1       | 2    | 2       | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 5       |
| -23.75° | 1       | 2    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 5       |
| -25°    | 1       | 1    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 5       |
| -26.25° | 1       | 1    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 5       |
| -27.5°  | 1       | 1    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 4       |
| -28.75° | 1       | 1    | 2       | 2      | 3       | 3    | 4       | 4      | 4       | 4    | 4       |
| -30°    | 1       | 1    | 2       | 2      | 3       | 3    | 3       | 4      | 4       | 4    | 4       |
| -31.25° | 1       | 1    | 2       | 2      | 2       | 3    | 3       | 4      | 4       | 4    | 4       |
| -32.5°  | 1       | 1    | 2       | 2      | 2       | 3    | 3       | 4      | 4       | 4    | 4       |
| -33.75° | 1       | 1    | 1       | 2      | 2       | 3    | 3       | 4      | 4       | 4    | 4       |
| -35°    | 1       | 1    | 1       | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       |
| -36.25° | 1       | 1    | 1       | 2      | 2       | 3    | 3       | 3      | 4       | 4    | 4       |
| -37.5°  | 1       | 1    | 1       | 2      | 2       | 2    | 3       | 3      | 4       | 4    | 4       |
| -38.75° | 1       | 1    | 1       | 1      | 2       | 2    | 3       | 3      | 3       | 4    | 4       |
| -40°    | 1       | 1    | 1       | 1      | 2       | 2    | 3       | 3      | 3       | 4    | 4       |
| -41.25° | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 3      | 3       | 4    | 4       |
| -42.5°  | 1       | 1    | 1       | 1      | 2       | 2    | 2       | 3      | 3       | 3    | 4       |
| -43.75° | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 3      | 3       | 3    | 4       |
| -45°    | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 3       | 3    | 3       |
| -46.25° | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 3       | 3    | 3       |
| -47.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 3    | 3       |
| -48.75° | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 3    | 3       |
| -50°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 3       |
| -51.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 3       |
| -52.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       |
| -53.75° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    | 2       |
| -55°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 2    | 2       |
| -56.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 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°    | 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° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -75°    | 0       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -76.25° | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       |
| -77.5°  | 0       | 0    | 0       | 0      | 1       | 1    | 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° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -78.75° | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 1    | 1       |
| -80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 1       |
| -81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       |
| -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]-FL-LED5080-W-WT-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       | 1      | 1       | 1    |
| 82.5°  | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 81.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 80°    | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 78.75° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 77.5°  | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 76.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 75°    | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 73.75° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| 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      | 2       | 2    |
| 66.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 2    |
| 65°    | 1      | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    |
| 63.75° | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 3       | 3    |
| 62.5°  | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 2       | 3      | 3       | 3    |
| 61.25° | 1      | 1       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 3    |
| 60°    | 1      | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 4    |
| 58.75° | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 4       | 4    |
| 57.5°  | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    |
| 56.25° | 2      | 2       | 3    | 3       | 3      | 3       | 4    | 4       | 4      | 4       | 4    |
| 55°    | 2      | 3       | 3    | 3       | 3      | 4       | 4    | 4       | 4      | 4       | 4    |
| 53.75° | 2      | 3       | 3    | 3       | 4      | 4       | 4    | 4       | 4      | 4       | 4    |
| 52.5°  | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    |
| 51.25° | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 5    |
| 50°    | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 5       | 5    |
| 48.75° | 3      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 5      | 5       | 5    |
| 47.5°  | 3      | 4       | 4    | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    |
| 46.25° | 4      | 4       | 4    | 4       | 4      | 4       | 5    | 5       | 5      | 5       | 5    |
| 45°    | 4      | 4       | 4    | 4       | 4      | 4       | 5    | 5       | 5      | 5       | 5    |
| 43.75° | 4      | 4       | 4    | 4       | 4      | 5       | 5    | 5       | 5      | 5       | 5    |
| 42.5°  | 4      | 4       | 4    | 4       | 5      | 5       | 5    | 5       | 5      | 5       | 6    |
| 41.25° | 4      | 4       | 4    | 4       | 5      | 5       | 5    | 5       | 5      | 5       | 6    |
| 40°    | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 5      | 6       | 6    |
| 38.75° | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 6    |
| 37.5°  | 4      | 4       | 5    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 7    |
| 36.25° | 4      | 4       | 5    | 5       | 5      | 5       | 5    | 6       | 6      | 6       | 7    |
| 35°    | 4      | 4       | 5    | 5       | 5      | 5       | 5    | 6       | 6      | 7       | 8    |



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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°  | 4      | 5       | 5    | 5       | 5      | 5       | 6    | 6       | 7      | 7       | 8    |
| 32.5°   | 4      | 5       | 5    | 5       | 5      | 5       | 6    | 6       | 7      | 8       | 11   |
| 31.25°  | 5      | 5       | 5    | 5       | 5      | 6       | 6    | 7       | 7      | 8       | 16   |
| 30°     | 5      | 5       | 5    | 5       | 5      | 6       | 6    | 7       | 8      | 11      | 20   |
| 28.75°  | 5      | 5       | 5    | 5       | 5      | 6       | 6    | 7       | 8      | 15      | 24   |
| 27.5°   | 5      | 5       | 5    | 5       | 6      | 6       | 7    | 8       | 10     | 19      | 28   |
| 26.25°  | 5      | 5       | 5    | 5       | 6      | 6       | 7    | 8       | 13     | 23      | 32   |
| 25°     | 5      | 5       | 5    | 5       | 6      | 6       | 7    | 8       | 17     | 26      | 35   |
| 23.75°  | 5      | 5       | 5    | 6       | 6      | 7       | 8    | 11      | 20     | 30      | 38   |
| 22.5°   | 5      | 5       | 5    | 6       | 6      | 7       | 8    | 14      | 23     | 33      | 41   |
| 21.25°  | 5      | 5       | 5    | 6       | 6      | 7       | 8    | 17      | 26     | 36      | 44   |
| 20°     | 5      | 5       | 5    | 6       | 6      | 7       | 9    | 19      | 29     | 38      | 47   |
| 18.75°  | 5      | 5       | 6    | 6       | 7      | 8       | 12   | 22      | 32     | 41      | 50   |
| 17.5°   | 5      | 5       | 6    | 6       | 7      | 8       | 14   | 24      | 34     | 43      | 52   |
| 16.25°  | 5      | 5       | 6    | 6       | 7      | 8       | 16   | 27      | 36     | 45      | 54   |
| 15°     | 5      | 5       | 6    | 6       | 7      | 8       | 18   | 29      | 38     | 48      | 56   |
| 13.75°  | 5      | 5       | 6    | 6       | 7      | 10      | 20   | 31      | 40     | 49      | 58   |
| 12.5°   | 5      | 5       | 6    | 7       | 8      | 11      | 22   | 32      | 42     | 51      | 60   |
| 11.25°  | 5      | 5       | 6    | 7       | 8      | 13      | 23   | 34      | 43     | 53      | 61   |
| 10°     | 5      | 6       | 6    | 7       | 8      | 14      | 25   | 35      | 45     | 54      | 62   |
| 8.75°   | 5      | 6       | 6    | 7       | 8      | 15      | 26   | 36      | 46     | 55      | 64   |
| 7.5°    | 5      | 6       | 6    | 7       | 8      | 16      | 27   | 37      | 47     | 56      | 65   |
| 6.25°   | 5      | 6       | 6    | 7       | 8      | 17      | 28   | 38      | 48     | 57      | 65   |
| 5°      | 5      | 6       | 6    | 7       | 8      | 18      | 29   | 39      | 49     | 57      | 66   |
| 3.75°   | 5      | 6       | 6    | 7       | 8      | 18      | 29   | 39      | 49     | 58      | 67   |
| 2.5°    | 5      | 6       | 6    | 7       | 8      | 19      | 30   | 40      | 50     | 58      | 67   |
| 1.25°   | 5      | 6       | 6    | 7       | 8      | 19      | 30   | 40      | 50     | 59      | 67   |
| 0°      | 5      | 6       | 6    | 7       | 8      | 19      | 30   | 40      | 50     | 59      | 67   |
| -1.25°  | 5      | 6       | 6    | 7       | 8      | 19      | 30   | 40      | 50     | 59      | 67   |
| -2.5°   | 5      | 6       | 6    | 7       | 8      | 19      | 30   | 40      | 50     | 58      | 67   |
| -3.75°  | 5      | 6       | 6    | 7       | 8      | 18      | 29   | 39      | 49     | 58      | 67   |
| -5°     | 5      | 6       | 6    | 7       | 8      | 18      | 29   | 39      | 49     | 57      | 66   |
| -6.25°  | 5      | 6       | 6    | 7       | 8      | 17      | 28   | 38      | 48     | 57      | 65   |
| -7.5°   | 5      | 6       | 6    | 7       | 8      | 16      | 27   | 37      | 47     | 56      | 65   |
| -8.75°  | 5      | 6       | 6    | 7       | 8      | 15      | 26   | 36      | 46     | 55      | 64   |
| -10°    | 5      | 6       | 6    | 7       | 8      | 14      | 25   | 35      | 45     | 54      | 62   |
| -11.25° | 5      | 5       | 6    | 7       | 8      | 13      | 23   | 34      | 43     | 53      | 61   |
| -12.5°  | 5      | 5       | 6    | 7       | 8      | 11      | 22   | 32      | 42     | 51      | 60   |
| -13.75° | 5      | 5       | 6    | 6       | 7      | 10      | 20   | 31      | 40     | 49      | 58   |
| -15°    | 5      | 5       | 6    | 6       | 7      | 8       | 18   | 29      | 38     | 48      | 56   |
| -16.25° | 5      | 5       | 6    | 6       | 7      | 8       | 16   | 27      | 36     | 45      | 54   |
| -17.5°  | 5      | 5       | 6    | 6       | 7      | 8       | 14   | 24      | 34     | 43      | 52   |
| -18.75° | 5      | 5       | 6    | 6       | 7      | 8       | 12   | 22      | 32     | 41      | 50   |
| -20°    | 5      | 5       | 5    | 6       | 6      | 7       | 9    | 19      | 29     | 38      | 47   |
| -21.25° | 5      | 5       | 5    | 6       | 6      | 7       | 8    | 17      | 26     | 36      | 44   |





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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°  | 5      | 5       | 5    | 6       | 6      | 7       | 8    | 14      | 23     | 33      | 41   |
| -23.75° | 5      | 5       | 5    | 6       | 6      | 7       | 8    | 11      | 20     | 30      | 38   |
| -25°    | 5      | 5       | 5    | 5       | 6      | 6       | 7    | 8       | 17     | 26      | 35   |
| -26.25° | 5      | 5       | 5    | 5       | 6      | 6       | 7    | 8       | 13     | 23      | 32   |
| -27.5°  | 5      | 5       | 5    | 5       | 6      | 6       | 7    | 8       | 10     | 19      | 28   |
| -28.75° | 5      | 5       | 5    | 5       | 5      | 6       | 6    | 7       | 8      | 15      | 24   |
| -30°    | 5      | 5       | 5    | 5       | 5      | 6       | 6    | 7       | 8      | 11      | 20   |
| -31.25° | 5      | 5       | 5    | 5       | 5      | 6       | 6    | 7       | 7      | 8       | 16   |
| -32.5°  | 4      | 5       | 5    | 5       | 5      | 5       | 6    | 6       | 7      | 8       | 11   |
| -33.75° | 4      | 5       | 5    | 5       | 5      | 5       | 6    | 6       | 7      | 7       | 8    |
| -35°    | 4      | 4       | 5    | 5       | 5      | 5       | 5    | 6       | 6      | 7       | 8    |
| -36.25° | 4      | 4       | 5    | 5       | 5      | 5       | 5    | 6       | 6      | 6       | 7    |
| -37.5°  | 4      | 4       | 5    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 7    |
| -38.75° | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 6    |
| -40°    | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 5      | 6       | 6    |
| -41.25° | 4      | 4       | 4    | 4       | 5      | 5       | 5    | 5       | 5      | 5       | 6    |
| -42.5°  | 4      | 4       | 4    | 4       | 5      | 5       | 5    | 5       | 5      | 5       | 6    |
| -43.75° | 4      | 4       | 4    | 4       | 4      | 5       | 5    | 5       | 5      | 5       | 5    |
| -45°    | 4      | 4       | 4    | 4       | 4      | 4       | 5    | 5       | 5      | 5       | 5    |
| -46.25° | 4      | 4       | 4    | 4       | 4      | 4       | 5    | 5       | 5      | 5       | 5    |
| -47.5°  | 3      | 4       | 4    | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    |
| -48.75° | 3      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 5      | 5       | 5    |
| -50°    | 3      | 3       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 5       | 5    |
| -51.25° | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 5    |
| -52.5°  | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    |
| -53.75° | 2      | 3       | 3    | 3       | 4      | 4       | 4    | 4       | 4      | 4       | 4    |
| -55°    | 2      | 3       | 3    | 3       | 3      | 4       | 4    | 4       | 4      | 4       | 4    |
| -56.25° | 2      | 2       | 3    | 3       | 3      | 3       | 4    | 4       | 4      | 4       | 4    |
| -57.5°  | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    |
| -58.75° | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 4       | 4    |
| -60°    | 1      | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 4    |
| -61.25° | 1      | 1       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 3    |
| -62.5°  | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 2       | 3      | 3       | 3    |
| -63.75° | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 3       | 3    |
| -65°    | 1      | 1       | 1    | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    |
| -66.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 2    |
| -67.5°  | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 2       | 2    |
| -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° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -75°    | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -76.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -77.5°  | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -80°    | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -81.25° | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -82.5°  | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    |
| -83.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    |
| -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]-FL-LED5080-W-WT-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      | 1       | 1    | 1       | 1      | 1       |
| 83.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 82.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 81.25° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 80°    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 78.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 77.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 76.25° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 75°    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 73.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| 72.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       |
| 71.25° | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       |
| 70°    | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 3       |
| 68.75° | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       |
| 67.5°  | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3       | 3      | 3       |
| 66.25° | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 4      | 4       |
| 65°    | 3       | 3      | 3       | 3    | 3       | 3      | 4       | 4    | 4       | 4      | 4       |
| 63.75° | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 4      | 4       |
| 62.5°  | 3       | 3      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       |
| 61.25° | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       |
| 60°    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 5      | 5       |
| 58.75° | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 5    | 5       | 5      | 5       |
| 57.5°  | 4       | 4      | 4       | 4    | 4       | 5      | 5       | 5    | 5       | 5      | 5       |
| 56.25° | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 5      | 5       |
| 55°    | 4       | 4      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       |
| 53.75° | 4       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 6       |
| 52.5°  | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 6       | 6      | 6       |
| 51.25° | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 6    | 6       | 6      | 6       |
| 50°    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 6    | 6       | 7      | 7       |
| 48.75° | 5       | 5      | 5       | 5    | 6       | 6      | 6       | 6    | 7       | 7      | 8       |
| 47.5°  | 5       | 5      | 5       | 6    | 6       | 6      | 7       | 7    | 8       | 8      | 13      |
| 46.25° | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 8    | 9       | 15     | 20      |
| 45°    | 5       | 6      | 6       | 6    | 7       | 7      | 8       | 11   | 17      | 22     | 28      |
| 43.75° | 6       | 6      | 6       | 7    | 7       | 8      | 12      | 18   | 24      | 30     | 35      |
| 42.5°  | 6       | 6      | 7       | 7    | 8       | 12     | 18      | 25   | 31      | 36     | 42      |
| 41.25° | 6       | 7      | 7       | 8    | 12      | 18     | 25      | 31   | 37      | 43     | 49      |
| 40°    | 6       | 7      | 8       | 11   | 18      | 25     | 31      | 37   | 43      | 49     | 55      |
| 38.75° | 7       | 8      | 9       | 17   | 24      | 31     | 37      | 43   | 50      | 55     | 60      |
| 37.5°  | 7       | 8      | 15      | 22   | 30      | 36     | 43      | 49   | 55      | 61     | 66      |
| 36.25° | 8       | 13     | 20      | 28   | 35      | 42     | 49      | 55   | 60      | 66     | 72      |
| 35°    | 10      | 18     | 26      | 33   | 40      | 47     | 54      | 60   | 65      | 71     | 77      |



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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°  | 15      | 23     | 31      | 38   | 45      | 52     | 58      | 64   | 71      | 77     | 82      |
| 32.5°   | 20      | 28     | 35      | 43   | 50      | 57     | 63      | 69   | 75      | 82     | 88      |
| 31.25°  | 24      | 32     | 40      | 47   | 54      | 61     | 67      | 74   | 80      | 87     | 94      |
| 30°     | 29      | 37     | 44      | 52   | 59      | 65     | 72      | 79   | 85      | 93     | 100     |
| 28.75°  | 33      | 41     | 48      | 56   | 63      | 69     | 76      | 83   | 91      | 98     | 106     |
| 27.5°   | 36      | 44     | 52      | 59   | 66      | 73     | 80      | 88   | 96      | 104    | 113     |
| 26.25°  | 40      | 48     | 56      | 63   | 70      | 77     | 84      | 93   | 101     | 110    | 120     |
| 25°     | 44      | 52     | 59      | 66   | 74      | 81     | 89      | 97   | 106     | 117    | 127     |
| 23.75°  | 47      | 55     | 62      | 70   | 77      | 85     | 93      | 102  | 112     | 123    | 134     |
| 22.5°   | 50      | 58     | 65      | 73   | 81      | 89     | 98      | 107  | 118     | 129    | 144     |
| 21.25°  | 53      | 61     | 68      | 76   | 84      | 93     | 102     | 112  | 124     | 136    | 153     |
| 20°     | 55      | 63     | 71      | 79   | 87      | 96     | 106     | 117  | 129     | 145    | 162     |
| 18.75°  | 58      | 66     | 74      | 82   | 91      | 100    | 110     | 122  | 135     | 153    | 171     |
| 17.5°   | 60      | 68     | 76      | 85   | 94      | 103    | 115     | 127  | 142     | 161    | 180     |
| 16.25°  | 62      | 71     | 79      | 87   | 97      | 107    | 119     | 131  | 149     | 168    | 189     |
| 15°     | 64      | 73     | 81      | 90   | 100     | 110    | 123     | 137  | 156     | 175    | 198     |
| 13.75°  | 66      | 75     | 83      | 93   | 102     | 114    | 127     | 143  | 162     | 183    | 206     |
| 12.5°   | 68      | 76     | 85      | 95   | 105     | 117    | 130     | 148  | 168     | 190    | 214     |
| 11.25°  | 70      | 78     | 87      | 97   | 107     | 120    | 133     | 153  | 173     | 197    | 221     |
| 10°     | 71      | 80     | 89      | 99   | 110     | 123    | 137     | 157  | 178     | 203    | 228     |
| 8.75°   | 72      | 81     | 90      | 100  | 112     | 125    | 141     | 161  | 183     | 208    | 235     |
| 7.5°    | 73      | 82     | 92      | 102  | 114     | 127    | 145     | 165  | 188     | 212    | 241     |
| 6.25°   | 74      | 83     | 93      | 103  | 116     | 129    | 147     | 168  | 191     | 216    | 246     |
| 5°      | 75      | 84     | 94      | 104  | 117     | 130    | 150     | 170  | 194     | 220    | 251     |
| 3.75°   | 76      | 84     | 95      | 105  | 118     | 132    | 151     | 172  | 197     | 222    | 254     |
| 2.5°    | 76      | 85     | 95      | 106  | 119     | 132    | 153     | 173  | 199     | 224    | 257     |
| 1.25°   | 76      | 85     | 95      | 106  | 119     | 133    | 153     | 174  | 200     | 225    | 258     |
| 0°      | 76      | 85     | 96      | 106  | 120     | 133    | 154     | 175  | 200     | 225    | 259     |
| -1.25°  | 76      | 85     | 95      | 106  | 119     | 133    | 153     | 174  | 200     | 225    | 258     |
| -2.5°   | 76      | 85     | 95      | 106  | 119     | 132    | 153     | 173  | 199     | 224    | 257     |
| -3.75°  | 76      | 84     | 95      | 105  | 118     | 132    | 151     | 172  | 197     | 222    | 254     |
| -5°     | 75      | 84     | 94      | 104  | 117     | 130    | 150     | 170  | 194     | 220    | 251     |
| -6.25°  | 74      | 83     | 93      | 103  | 116     | 129    | 147     | 168  | 191     | 216    | 246     |
| -7.5°   | 73      | 82     | 92      | 102  | 114     | 127    | 145     | 165  | 188     | 212    | 241     |
| -8.75°  | 72      | 81     | 90      | 100  | 112     | 125    | 141     | 161  | 183     | 208    | 235     |
| -10°    | 71      | 80     | 89      | 99   | 110     | 123    | 137     | 157  | 178     | 203    | 228     |
| -11.25° | 70      | 78     | 87      | 97   | 107     | 120    | 133     | 153  | 173     | 197    | 221     |
| -12.5°  | 68      | 76     | 85      | 95   | 105     | 117    | 130     | 148  | 168     | 190    | 214     |
| -13.75° | 66      | 75     | 83      | 93   | 102     | 114    | 127     | 143  | 162     | 183    | 206     |
| -15°    | 64      | 73     | 81      | 90   | 100     | 110    | 123     | 137  | 156     | 175    | 198     |
| -16.25° | 62      | 71     | 79      | 87   | 97      | 107    | 119     | 131  | 149     | 168    | 189     |
| -17.5°  | 60      | 68     | 76      | 85   | 94      | 103    | 115     | 127  | 142     | 161    | 180     |
| -18.75° | 58      | 66     | 74      | 82   | 91      | 100    | 110     | 122  | 135     | 153    | 171     |
| -20°    | 55      | 63     | 71      | 79   | 87      | 96     | 106     | 117  | 129     | 145    | 162     |
| -21.25° | 53      | 61     | 68      | 76   | 84      | 93     | 102     | 112  | 124     | 136    | 153     |



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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°  | 50      | 58     | 65      | 73   | 81      | 89     | 98      | 107  | 118     | 129    | 144     |
| -23.75° | 47      | 55     | 62      | 70   | 77      | 85     | 93      | 102  | 112     | 123    | 134     |
| -25°    | 44      | 52     | 59      | 66   | 74      | 81     | 89      | 97   | 106     | 117    | 127     |
| -26.25° | 40      | 48     | 56      | 63   | 70      | 77     | 84      | 93   | 101     | 110    | 120     |
| -27.5°  | 36      | 44     | 52      | 59   | 66      | 73     | 80      | 88   | 96      | 104    | 113     |
| -28.75° | 33      | 41     | 48      | 56   | 63      | 69     | 76      | 83   | 91      | 98     | 106     |
| -30°    | 29      | 37     | 44      | 52   | 59      | 65     | 72      | 79   | 85      | 93     | 100     |
| -31.25° | 24      | 32     | 40      | 47   | 54      | 61     | 67      | 74   | 80      | 87     | 94      |
| -32.5°  | 20      | 28     | 35      | 43   | 50      | 57     | 63      | 69   | 75      | 82     | 88      |
| -33.75° | 15      | 23     | 31      | 38   | 45      | 52     | 58      | 64   | 71      | 77     | 82      |
| -35°    | 10      | 18     | 26      | 33   | 40      | 47     | 54      | 60   | 65      | 71     | 77      |
| -36.25° | 8       | 13     | 20      | 28   | 35      | 42     | 49      | 55   | 60      | 66     | 72      |
| -37.5°  | 7       | 8      | 15      | 22   | 30      | 36     | 43      | 49   | 55      | 61     | 66      |
| -38.75° | 7       | 8      | 9       | 17   | 24      | 31     | 37      | 43   | 50      | 55     | 60      |
| -40°    | 6       | 7      | 8       | 11   | 18      | 25     | 31      | 37   | 43      | 49     | 55      |
| -41.25° | 6       | 7      | 7       | 8    | 12      | 18     | 25      | 31   | 37      | 43     | 49      |
| -42.5°  | 6       | 6      | 7       | 7    | 8       | 12     | 18      | 25   | 31      | 36     | 42      |
| -43.75° | 6       | 6      | 6       | 7    | 7       | 8      | 12      | 18   | 24      | 30     | 35      |
| -45°    | 5       | 6      | 6       | 6    | 7       | 7      | 8       | 11   | 17      | 22     | 28      |
| -46.25° | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 8    | 9       | 15     | 20      |
| -47.5°  | 5       | 5      | 5       | 6    | 6       | 6      | 7       | 7    | 8       | 8      | 13      |
| -48.75° | 5       | 5      | 5       | 5    | 6       | 6      | 6       | 6    | 7       | 7      | 8       |
| -50°    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 6    | 6       | 7      | 7       |
| -51.25° | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 6    | 6       | 6      | 6       |
| -52.5°  | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 6       | 6      | 6       |
| -53.75° | 4       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 6       |
| -55°    | 4       | 4      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       |
| -56.25° | 4       | 4      | 4       | 4    | 5       | 5      | 5       | 5    | 5       | 5      | 5       |
| -57.5°  | 4       | 4      | 4       | 4    | 4       | 5      | 5       | 5    | 5       | 5      | 5       |
| -58.75° | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 5    | 5       | 5      | 5       |
| -60°    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 5      | 5       |
| -61.25° | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       |
| -62.5°  | 3       | 3      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       |
| -63.75° | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 4      | 4       |
| -65°    | 3       | 3      | 3       | 3    | 3       | 3      | 4       | 4    | 4       | 4      | 4       |
| -66.25° | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 4      | 4       |
| -67.5°  | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3       | 3      | 3       |
| -68.75° | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       |
| -70°    | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 3       |
| -71.25° | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       |
| -72.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       |
| -73.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -75°    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -76.25° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -77.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |



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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° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -80°    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -81.25° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -82.5°  | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -83.75° | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       |
| -85°    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      | 1       |
| -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°    | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 83.75° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 82.5°  | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 81.25° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 80°    | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 78.75° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 77.5°  | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 76.25° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| 75°    | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      |
| 73.75° | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      |
| 72.5°  | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 3      |
| 71.25° | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 3    | 3       | 3      |
| 70°    | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 4      |
| 68.75° | 3    | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 4      |
| 67.5°  | 3    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      |
| 66.25° | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      |
| 65°    | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      |
| 63.75° | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 5       | 5    | 5       | 5      |
| 62.5°  | 4    | 4       | 4      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      |
| 61.25° | 4    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      |
| 60°    | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      |
| 58.75° | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 6       | 6      |
| 57.5°  | 5    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 6    | 6       | 6      |
| 56.25° | 5    | 5       | 5      | 6       | 6    | 6       | 6      | 6       | 6    | 7       | 7      |
| 55°    | 5    | 6       | 6      | 6       | 6    | 6       | 7      | 7       | 7    | 8       | 8      |
| 53.75° | 6    | 6       | 6      | 7       | 7    | 7       | 8      | 8       | 8    | 11      | 14     |
| 52.5°  | 6    | 7       | 7      | 7       | 8    | 8       | 10     | 13      | 17   | 20      | 23     |
| 51.25° | 7    | 7       | 8      | 8       | 11   | 15      | 19     | 23      | 26   | 30      | 33     |
| 50°    | 8    | 8       | 11     | 16      | 20   | 24      | 28     | 32      | 35   | 38      | 41     |
| 48.75° | 10   | 15      | 20     | 24      | 29   | 33      | 36     | 40      | 44   | 47      | 50     |
| 47.5°  | 18   | 23      | 28     | 32      | 37   | 41      | 44     | 48      | 52   | 55      | 58     |
| 46.25° | 26   | 31      | 35     | 40      | 44   | 48      | 52     | 56      | 59   | 62      | 65     |
| 45°    | 33   | 38      | 43     | 47      | 52   | 56      | 59     | 63      | 66   | 70      | 73     |
| 43.75° | 40   | 45      | 50     | 54      | 59   | 63      | 66     | 70      | 74   | 77      | 81     |
| 42.5°  | 47   | 52      | 57     | 61      | 65   | 69      | 73     | 77      | 81   | 85      | 89     |
| 41.25° | 54   | 58      | 63     | 67      | 72   | 76      | 80     | 84      | 89   | 93      | 98     |
| 40°    | 60   | 64      | 69     | 74      | 79   | 83      | 88     | 93      | 97   | 102     | 107    |
| 38.75° | 65   | 71      | 75     | 80      | 85   | 91      | 96     | 101     | 106  | 112     | 118    |
| 37.5°  | 71   | 77      | 82     | 87      | 93   | 98      | 104    | 110     | 117  | 123     | 129    |
| 36.25° | 77   | 82      | 88     | 94      | 100  | 106     | 113    | 120     | 127  | 134     | 144    |
| 35°    | 83   | 89      | 95     | 101     | 108  | 116     | 123    | 131     | 140  | 151     | 161    |



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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°  | 89   | 95      | 102    | 109     | 117  | 125     | 133    | 145     | 156  | 167     | 178    |
| 32.5°   | 95   | 102     | 110    | 118     | 127  | 136     | 148    | 160     | 172  | 185     | 199    |
| 31.25°  | 101  | 109     | 118    | 127     | 137  | 150     | 163    | 176     | 191  | 205     | 219    |
| 30°     | 108  | 117     | 127    | 137     | 151  | 165     | 178    | 194     | 209  | 224     | 242    |
| 28.75°  | 116  | 125     | 136    | 150     | 165  | 179     | 196    | 212     | 228  | 248     | 268    |
| 27.5°   | 123  | 133     | 148    | 163     | 178  | 196     | 213    | 231     | 252  | 273     | 293    |
| 26.25°  | 131  | 145     | 160    | 176     | 194  | 212     | 231    | 253     | 275  | 300     | 336    |
| 25°     | 140  | 156     | 172    | 191     | 209  | 228     | 252    | 275     | 302  | 340     | 378    |
| 23.75°  | 151  | 167     | 185    | 205     | 224  | 248     | 273    | 300     | 340  | 380     | 433    |
| 22.5°   | 161  | 178     | 199    | 219     | 242  | 268     | 293    | 336     | 378  | 433     | 527    |
| 21.25°  | 171  | 191     | 212    | 234     | 260  | 287     | 327    | 371     | 422  | 521     | 617    |
| 20°     | 181  | 203     | 224    | 251     | 278  | 314     | 359    | 404     | 504  | 606     | 711    |
| 18.75°  | 192  | 214     | 239    | 267     | 296  | 344     | 390    | 476     | 583  | 689     | 814    |
| 17.5°   | 202  | 225     | 253    | 282     | 323  | 372     | 437    | 548     | 658  | 784     | 917    |
| 16.25°  | 212  | 238     | 267    | 299     | 349  | 399     | 503    | 617     | 740  | 878     | 1015   |
| 15°     | 221  | 250     | 280    | 323     | 374  | 447     | 565    | 683     | 823  | 967     | 1106   |
| 13.75°  | 231  | 262     | 292    | 345     | 396  | 503     | 624    | 757     | 904  | 1051    | 1189   |
| 12.5°   | 241  | 272     | 312    | 365     | 432  | 555     | 678    | 826     | 979  | 1126    | 1262   |
| 11.25°  | 251  | 282     | 329    | 383     | 477  | 603     | 738    | 892     | 1047 | 1194    | 1328   |
| 10°     | 259  | 291     | 345    | 400     | 518  | 646     | 793    | 952     | 1108 | 1253    | 1377   |
| 8.75°   | 267  | 304     | 360    | 425     | 555  | 686     | 844    | 1006    | 1162 | 1304    | 1422   |
| 7.5°    | 273  | 316     | 372    | 456     | 587  | 727     | 889    | 1053    | 1208 | 1346    | 1450   |
| 6.25°   | 279  | 326     | 383    | 482     | 615  | 762     | 927    | 1092    | 1245 | 1378    | 1473   |
| 5°      | 284  | 335     | 391    | 504     | 638  | 791     | 959    | 1124    | 1276 | 1404    | 1492   |
| 3.75°   | 287  | 341     | 398    | 521     | 655  | 814     | 984    | 1148    | 1300 | 1425    | 1505   |
| 2.5°    | 290  | 346     | 403    | 533     | 668  | 831     | 1001   | 1166    | 1317 | 1436    | 1514   |
| 1.25°   | 291  | 349     | 406    | 540     | 676  | 841     | 1012   | 1177    | 1327 | 1442    | 1520   |
| 0°      | 292  | 350     | 407    | 543     | 678  | 845     | 1015   | 1180    | 1331 | 1444    | 1522   |
| -1.25°  | 291  | 349     | 406    | 540     | 676  | 841     | 1012   | 1177    | 1327 | 1442    | 1520   |
| -2.5°   | 290  | 346     | 403    | 533     | 668  | 831     | 1001   | 1166    | 1317 | 1436    | 1514   |
| -3.75°  | 287  | 341     | 398    | 521     | 655  | 814     | 984    | 1148    | 1300 | 1425    | 1505   |
| -5°     | 284  | 335     | 391    | 504     | 638  | 791     | 959    | 1124    | 1276 | 1404    | 1492   |
| -6.25°  | 279  | 326     | 383    | 482     | 615  | 762     | 927    | 1092    | 1245 | 1378    | 1473   |
| -7.5°   | 273  | 316     | 372    | 456     | 587  | 727     | 889    | 1053    | 1208 | 1346    | 1450   |
| -8.75°  | 267  | 304     | 360    | 425     | 555  | 686     | 844    | 1006    | 1162 | 1304    | 1422   |
| -10°    | 259  | 291     | 345    | 400     | 518  | 646     | 793    | 952     | 1108 | 1253    | 1377   |
| -11.25° | 251  | 282     | 329    | 383     | 477  | 603     | 738    | 892     | 1047 | 1194    | 1328   |
| -12.5°  | 241  | 272     | 312    | 365     | 432  | 555     | 678    | 826     | 979  | 1126    | 1262   |
| -13.75° | 231  | 262     | 292    | 345     | 396  | 503     | 624    | 757     | 904  | 1051    | 1189   |
| -15°    | 221  | 250     | 280    | 323     | 374  | 447     | 565    | 683     | 823  | 967     | 1106   |
| -16.25° | 212  | 238     | 267    | 299     | 349  | 399     | 503    | 617     | 740  | 878     | 1015   |
| -17.5°  | 202  | 225     | 253    | 282     | 323  | 372     | 437    | 548     | 658  | 784     | 917    |
| -18.75° | 192  | 214     | 239    | 267     | 296  | 344     | 390    | 476     | 583  | 689     | 814    |
| -20°    | 181  | 203     | 224    | 251     | 278  | 314     | 359    | 404     | 504  | 606     | 711    |
| -21.25° | 171  | 191     | 212    | 234     | 260  | 287     | 327    | 371     | 422  | 521     | 617    |





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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°  | 161  | 178     | 199    | 219     | 242  | 268     | 293    | 336     | 378  | 433     | 527    |
| -23.75° | 151  | 167     | 185    | 205     | 224  | 248     | 273    | 300     | 340  | 380     | 433    |
| -25°    | 140  | 156     | 172    | 191     | 209  | 228     | 252    | 275     | 302  | 340     | 378    |
| -26.25° | 131  | 145     | 160    | 176     | 194  | 212     | 231    | 253     | 275  | 300     | 336    |
| -27.5°  | 123  | 133     | 148    | 163     | 178  | 196     | 213    | 231     | 252  | 273     | 293    |
| -28.75° | 116  | 125     | 136    | 150     | 165  | 179     | 196    | 212     | 228  | 248     | 268    |
| -30°    | 108  | 117     | 127    | 137     | 151  | 165     | 178    | 194     | 209  | 224     | 242    |
| -31.25° | 101  | 109     | 118    | 127     | 137  | 150     | 163    | 176     | 191  | 205     | 219    |
| -32.5°  | 95   | 102     | 110    | 118     | 127  | 136     | 148    | 160     | 172  | 185     | 199    |
| -33.75° | 89   | 95      | 102    | 109     | 117  | 125     | 133    | 145     | 156  | 167     | 178    |
| -35°    | 83   | 89      | 95     | 101     | 108  | 116     | 123    | 131     | 140  | 151     | 161    |
| -36.25° | 77   | 82      | 88     | 94      | 100  | 106     | 113    | 120     | 127  | 134     | 144    |
| -37.5°  | 71   | 77      | 82     | 87      | 93   | 98      | 104    | 110     | 117  | 123     | 129    |
| -38.75° | 65   | 71      | 75     | 80      | 85   | 91      | 96     | 101     | 106  | 112     | 118    |
| -40°    | 60   | 64      | 69     | 74      | 79   | 83      | 88     | 93      | 97   | 102     | 107    |
| -41.25° | 54   | 58      | 63     | 67      | 72   | 76      | 80     | 84      | 89   | 93      | 98     |
| -42.5°  | 47   | 52      | 57     | 61      | 65   | 69      | 73     | 77      | 81   | 85      | 89     |
| -43.75° | 40   | 45      | 50     | 54      | 59   | 63      | 66     | 70      | 74   | 77      | 81     |
| -45°    | 33   | 38      | 43     | 47      | 52   | 56      | 59     | 63      | 66   | 70      | 73     |
| -46.25° | 26   | 31      | 35     | 40      | 44   | 48      | 52     | 56      | 59   | 62      | 65     |
| -47.5°  | 18   | 23      | 28     | 32      | 37   | 41      | 44     | 48      | 52   | 55      | 58     |
| -48.75° | 10   | 15      | 20     | 24      | 29   | 33      | 36     | 40      | 44   | 47      | 50     |
| -50°    | 8    | 8       | 11     | 16      | 20   | 24      | 28     | 32      | 35   | 38      | 41     |
| -51.25° | 7    | 7       | 8      | 8       | 11   | 15      | 19     | 23      | 26   | 30      | 33     |
| -52.5°  | 6    | 7       | 7      | 7       | 8    | 8       | 10     | 13      | 17   | 20      | 23     |
| -53.75° | 6    | 6       | 6      | 7       | 7    | 7       | 8      | 8       | 8    | 11      | 14     |
| -55°    | 5    | 6       | 6      | 6       | 6    | 6       | 7      | 7       | 7    | 8       | 8      |
| -56.25° | 5    | 5       | 5      | 6       | 6    | 6       | 6      | 6       | 6    | 7       | 7      |
| -57.5°  | 5    | 5       | 5      | 5       | 5    | 5       | 6      | 6       | 6    | 6       | 6      |
| -58.75° | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 6       | 6      |
| -60°    | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      |
| -61.25° | 4    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      |
| -62.5°  | 4    | 4       | 4      | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      |
| -63.75° | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 5       | 5    | 5       | 5      |
| -65°    | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      |
| -66.25° | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      |
| -67.5°  | 3    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      |
| -68.75° | 3    | 3       | 3      | 3       | 3    | 4       | 4      | 4       | 4    | 4       | 4      |
| -70°    | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 4      |
| -71.25° | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 3    | 3       | 3      |
| -72.5°  | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 3      |
| -73.75° | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      |
| -75°    | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 2       | 2      |
| -76.25° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -77.5°  | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |



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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° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -80°    | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -81.25° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -82.5°  | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -83.75° | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -85°    | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      |
| -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°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 83.75° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 82.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 81.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 80°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 78.75° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 77.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 76.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 75°    | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| 73.75° | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 3      |
| 72.5°  | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| 71.25° | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 4    | 4      |
| 70°    | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| 68.75° | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| 67.5°  | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| 66.25° | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 5       | 5    | 5      |
| 65°    | 4       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| 63.75° | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| 62.5°  | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| 61.25° | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 6    | 6      |
| 60°    | 5       | 5    | 6       | 6      | 6       | 6    | 6       | 6      | 6       | 6    | 6      |
| 58.75° | 6       | 6    | 6       | 6      | 6       | 6    | 6       | 7      | 7       | 7    | 7      |
| 57.5°  | 6       | 6    | 7       | 7      | 7       | 7    | 7       | 8      | 8       | 8    | 8      |
| 56.25° | 7       | 7    | 8       | 8      | 8       | 8    | 10      | 11     | 13      | 14   | 15     |
| 55°    | 8       | 9    | 12      | 14     | 16      | 18   | 20      | 22     | 23      | 25   | 26     |
| 53.75° | 17      | 19   | 22      | 24     | 27      | 29   | 31      | 32     | 34      | 35   | 36     |
| 52.5°  | 26      | 29   | 32      | 34     | 36      | 38   | 40      | 42     | 43      | 45   | 46     |
| 51.25° | 36      | 38   | 41      | 43     | 45      | 48   | 49      | 51     | 53      | 54   | 55     |
| 50°    | 44      | 47   | 50      | 52     | 54      | 56   | 58      | 60     | 61      | 62   | 64     |
| 48.75° | 53      | 55   | 58      | 60     | 62      | 64   | 66      | 68     | 70      | 71   | 72     |
| 47.5°  | 61      | 63   | 66      | 68     | 71      | 73   | 75      | 76     | 78      | 80   | 81     |
| 46.25° | 68      | 71   | 74      | 76     | 79      | 81   | 83      | 85     | 87      | 89   | 90     |
| 45°    | 76      | 79   | 82      | 85     | 87      | 90   | 93      | 95     | 97      | 99   | 100    |
| 43.75° | 84      | 87   | 91      | 94     | 97      | 100  | 102     | 105    | 107     | 110  | 112    |
| 42.5°  | 93      | 96   | 100     | 103    | 107     | 110  | 114     | 117    | 120     | 123  | 125    |
| 41.25° | 102     | 106  | 110     | 115    | 119     | 123  | 127     | 130    | 133     | 137  | 141    |
| 40°    | 112     | 117  | 122     | 127    | 131     | 137  | 143     | 148    | 153     | 157  | 161    |
| 38.75° | 124     | 129  | 135     | 142    | 149     | 156  | 162     | 168    | 173     | 178  | 183    |
| 37.5°  | 136     | 145  | 153     | 161    | 168     | 175  | 183     | 190    | 197     | 203  | 208    |
| 36.25° | 153     | 162  | 171     | 180    | 189     | 198  | 206     | 214    | 221     | 228  | 235    |
| 35°    | 171     | 181  | 192     | 202    | 212     | 221  | 231     | 241    | 251     | 259  | 267    |



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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°  | 191     | 203  | 214     | 225    | 238     | 250  | 262     | 272    | 282     | 291  | 304    |
| 32.5°   | 212     | 224  | 239     | 253    | 267     | 280  | 292     | 312    | 329     | 345  | 360    |
| 31.25°  | 234     | 251  | 267     | 282    | 299     | 323  | 345     | 365    | 383     | 400  | 425    |
| 30°     | 260     | 278  | 296     | 323    | 349     | 374  | 396     | 432    | 477     | 518  | 555    |
| 28.75°  | 287     | 314  | 344     | 372    | 399     | 447  | 503     | 555    | 603     | 646  | 686    |
| 27.5°   | 327     | 359  | 390     | 437    | 503     | 565  | 624     | 678    | 738     | 793  | 844    |
| 26.25°  | 371     | 404  | 476     | 548    | 617     | 683  | 757     | 826    | 892     | 952  | 1006   |
| 25°     | 422     | 504  | 583     | 658    | 740     | 823  | 904     | 979    | 1047    | 1108 | 1162   |
| 23.75°  | 521     | 606  | 689     | 784    | 878     | 967  | 1051    | 1126   | 1194    | 1253 | 1304   |
| 22.5°   | 617     | 711  | 814     | 917    | 1015    | 1106 | 1189    | 1262   | 1328    | 1377 | 1422   |
| 21.25°  | 718     | 829  | 941     | 1047   | 1145    | 1235 | 1315    | 1378   | 1433    | 1468 | 1499   |
| 20°     | 829     | 949  | 1063    | 1169   | 1265    | 1349 | 1417    | 1464   | 1503    | 1535 | 1564   |
| 18.75°  | 941     | 1063 | 1177    | 1280   | 1368    | 1438 | 1487    | 1527   | 1564    | 1598 | 1630   |
| 17.5°   | 1047    | 1169 | 1280    | 1374   | 1447    | 1500 | 1543    | 1585   | 1625    | 1663 | 1698   |
| 16.25°  | 1145    | 1265 | 1368    | 1447   | 1504    | 1551 | 1598    | 1644   | 1687    | 1729 | 1770   |
| 15°     | 1235    | 1349 | 1438    | 1500   | 1551    | 1603 | 1653    | 1703   | 1751    | 1798 | 1837   |
| 13.75°  | 1315    | 1417 | 1487    | 1543   | 1598    | 1653 | 1708    | 1763   | 1814    | 1860 | 1905   |
| 12.5°   | 1378    | 1464 | 1527    | 1585   | 1644    | 1703 | 1763    | 1820   | 1872    | 1925 | 1980   |
| 11.25°  | 1433    | 1503 | 1564    | 1625   | 1687    | 1751 | 1814    | 1872   | 1932    | 1996 | 2058   |
| 10°     | 1468    | 1535 | 1598    | 1663   | 1729    | 1798 | 1860    | 1925   | 1996    | 2066 | 2135   |
| 8.75°   | 1499    | 1564 | 1630    | 1698   | 1770    | 1837 | 1905    | 1980   | 2058    | 2135 | 2206   |
| 7.5°    | 1523    | 1590 | 1659    | 1730   | 1805    | 1874 | 1950    | 2032   | 2116    | 2196 | 2268   |
| 6.25°   | 1544    | 1613 | 1684    | 1760   | 1833    | 1907 | 1991    | 2078   | 2167    | 2249 | 2320   |
| 5°      | 1561    | 1632 | 1706    | 1784   | 1858    | 1937 | 2027    | 2119   | 2210    | 2291 | 2362   |
| 3.75°   | 1575    | 1648 | 1723    | 1803   | 1878    | 1963 | 2056    | 2152   | 2244    | 2324 | 2392   |
| 2.5°    | 1585    | 1658 | 1736    | 1816   | 1893    | 1981 | 2077    | 2176   | 2267    | 2347 | 2414   |
| 1.25°   | 1592    | 1665 | 1744    | 1824   | 1902    | 1993 | 2090    | 2190   | 2281    | 2362 | 2427   |
| 0°      | 1594    | 1667 | 1746    | 1826   | 1905    | 1997 | 2095    | 2195   | 2286    | 2367 | 2431   |
| -1.25°  | 1592    | 1665 | 1744    | 1824   | 1902    | 1993 | 2090    | 2190   | 2281    | 2362 | 2427   |
| -2.5°   | 1585    | 1658 | 1736    | 1816   | 1893    | 1981 | 2077    | 2176   | 2267    | 2347 | 2414   |
| -3.75°  | 1575    | 1648 | 1723    | 1803   | 1878    | 1963 | 2056    | 2152   | 2244    | 2324 | 2392   |
| -5°     | 1561    | 1632 | 1706    | 1784   | 1858    | 1937 | 2027    | 2119   | 2210    | 2291 | 2362   |
| -6.25°  | 1544    | 1613 | 1684    | 1760   | 1833    | 1907 | 1991    | 2078   | 2167    | 2249 | 2320   |
| -7.5°   | 1523    | 1590 | 1659    | 1730   | 1805    | 1874 | 1950    | 2032   | 2116    | 2196 | 2268   |
| -8.75°  | 1499    | 1564 | 1630    | 1698   | 1770    | 1837 | 1905    | 1980   | 2058    | 2135 | 2206   |
| -10°    | 1468    | 1535 | 1598    | 1663   | 1729    | 1798 | 1860    | 1925   | 1996    | 2066 | 2135   |
| -11.25° | 1433    | 1503 | 1564    | 1625   | 1687    | 1751 | 1814    | 1872   | 1932    | 1996 | 2058   |
| -12.5°  | 1378    | 1464 | 1527    | 1585   | 1644    | 1703 | 1763    | 1820   | 1872    | 1925 | 1980   |
| -13.75° | 1315    | 1417 | 1487    | 1543   | 1598    | 1653 | 1708    | 1763   | 1814    | 1860 | 1905   |
| -15°    | 1235    | 1349 | 1438    | 1500   | 1551    | 1603 | 1653    | 1703   | 1751    | 1798 | 1837   |
| -16.25° | 1145    | 1265 | 1368    | 1447   | 1504    | 1551 | 1598    | 1644   | 1687    | 1729 | 1770   |
| -17.5°  | 1047    | 1169 | 1280    | 1374   | 1447    | 1500 | 1543    | 1585   | 1625    | 1663 | 1698   |
| -18.75° | 941     | 1063 | 1177    | 1280   | 1368    | 1438 | 1487    | 1527   | 1564    | 1598 | 1630   |
| -20°    | 829     | 949  | 1063    | 1169   | 1265    | 1349 | 1417    | 1464   | 1503    | 1535 | 1564   |
| -21.25° | 718     | 829  | 941     | 1047   | 1145    | 1235 | 1315    | 1378   | 1433    | 1468 | 1499   |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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°  | 617     | 711  | 814     | 917    | 1015    | 1106 | 1189    | 1262   | 1328    | 1377 | 1422   |
| -23.75° | 521     | 606  | 689     | 784    | 878     | 967  | 1051    | 1126   | 1194    | 1253 | 1304   |
| -25°    | 422     | 504  | 583     | 658    | 740     | 823  | 904     | 979    | 1047    | 1108 | 1162   |
| -26.25° | 371     | 404  | 476     | 548    | 617     | 683  | 757     | 826    | 892     | 952  | 1006   |
| -27.5°  | 327     | 359  | 390     | 437    | 503     | 565  | 624     | 678    | 738     | 793  | 844    |
| -28.75° | 287     | 314  | 344     | 372    | 399     | 447  | 503     | 555    | 603     | 646  | 686    |
| -30°    | 260     | 278  | 296     | 323    | 349     | 374  | 396     | 432    | 477     | 518  | 555    |
| -31.25° | 234     | 251  | 267     | 282    | 299     | 323  | 345     | 365    | 383     | 400  | 425    |
| -32.5°  | 212     | 224  | 239     | 253    | 267     | 280  | 292     | 312    | 329     | 345  | 360    |
| -33.75° | 191     | 203  | 214     | 225    | 238     | 250  | 262     | 272    | 282     | 291  | 304    |
| -35°    | 171     | 181  | 192     | 202    | 212     | 221  | 231     | 241    | 251     | 259  | 267    |
| -36.25° | 153     | 162  | 171     | 180    | 189     | 198  | 206     | 214    | 221     | 228  | 235    |
| -37.5°  | 136     | 145  | 153     | 161    | 168     | 175  | 183     | 190    | 197     | 203  | 208    |
| -38.75° | 124     | 129  | 135     | 142    | 149     | 156  | 162     | 168    | 173     | 178  | 183    |
| -40°    | 112     | 117  | 122     | 127    | 131     | 137  | 143     | 148    | 153     | 157  | 161    |
| -41.25° | 102     | 106  | 110     | 115    | 119     | 123  | 127     | 130    | 133     | 137  | 141    |
| -42.5°  | 93      | 96   | 100     | 103    | 107     | 110  | 114     | 117    | 120     | 123  | 125    |
| -43.75° | 84      | 87   | 91      | 94     | 97      | 100  | 102     | 105    | 107     | 110  | 112    |
| -45°    | 76      | 79   | 82      | 85     | 87      | 90   | 93      | 95     | 97      | 99   | 100    |
| -46.25° | 68      | 71   | 74      | 76     | 79      | 81   | 83      | 85     | 87      | 89   | 90     |
| -47.5°  | 61      | 63   | 66      | 68     | 71      | 73   | 75      | 76     | 78      | 80   | 81     |
| -48.75° | 53      | 55   | 58      | 60     | 62      | 64   | 66      | 68     | 70      | 71   | 72     |
| -50°    | 44      | 47   | 50      | 52     | 54      | 56   | 58      | 60     | 61      | 62   | 64     |
| -51.25° | 36      | 38   | 41      | 43     | 45      | 48   | 49      | 51     | 53      | 54   | 55     |
| -52.5°  | 26      | 29   | 32      | 34     | 36      | 38   | 40      | 42     | 43      | 45   | 46     |
| -53.75° | 17      | 19   | 22      | 24     | 27      | 29   | 31      | 32     | 34      | 35   | 36     |
| -55°    | 8       | 9    | 12      | 14     | 16      | 18   | 20      | 22     | 23      | 25   | 26     |
| -56.25° | 7       | 7    | 8       | 8      | 8       | 8    | 10      | 11     | 13      | 14   | 15     |
| -57.5°  | 6       | 6    | 7       | 7      | 7       | 7    | 7       | 8      | 8       | 8    | 8      |
| -58.75° | 6       | 6    | 6       | 6      | 6       | 6    | 6       | 7      | 7       | 7    | 7      |
| -60°    | 5       | 5    | 6       | 6      | 6       | 6    | 6       | 6      | 6       | 6    | 6      |
| -61.25° | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 6    | 6      |
| -62.5°  | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| -63.75° | 5       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| -65°    | 4       | 5    | 5       | 5      | 5       | 5    | 5       | 5      | 5       | 5    | 5      |
| -66.25° | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 5       | 5    | 5      |
| -67.5°  | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| -68.75° | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| -70°    | 4       | 4    | 4       | 4      | 4       | 4    | 4       | 4      | 4       | 4    | 4      |
| -71.25° | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 4    | 4      |
| -72.5°  | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| -73.75° | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 3      |
| -75°    | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| -76.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -77.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |



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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° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -80°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -81.25° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -82.5°  | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -83.75° | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -85°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -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      | 1   | 0     | 0    | 0     | 0   |
| 85°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| 83.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| 82.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| 81.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| 80°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| 78.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| 77.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1   |
| 76.25° | 1     | 2      | 2   | 2      | 2     | 2      | 2   | 2     | 2    | 2     | 2   |
| 75°    | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2     | 2    | 2     | 2   |
| 73.75° | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3     | 3    | 3     | 3   |
| 72.5°  | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3     | 3    | 3     | 3   |
| 71.25° | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4     | 4    | 4     | 4   |
| 70°    | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4     | 4    | 4     | 4   |
| 68.75° | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4     | 4    | 4     | 4   |
| 67.5°  | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4     | 4    | 4     | 4   |
| 66.25° | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5     | 5    | 5     | 5   |
| 65°    | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5     | 5    | 5     | 5   |
| 63.75° | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5     | 5    | 5     | 5   |
| 62.5°  | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5     | 5    | 5     | 5   |
| 61.25° | 6     | 6      | 6   | 6      | 6     | 6      | 6   | 6     | 6    | 6     | 6   |
| 60°    | 6     | 6      | 6   | 6      | 6     | 6      | 6   | 6     | 6    | 6     | 6   |
| 58.75° | 7     | 7      | 7   | 7      | 7     | 7      | 7   | 7     | 7    | 7     | 7   |
| 57.5°  | 8     | 8      | 8   | 8      | 8     | 8      | 8   | 8     | 8    | 8     | 8   |
| 56.25° | 16    | 17     | 18  | 18     | 19    | 19     | 19  | 19    | 19   | 18    | 18  |
| 55°    | 27    | 28     | 29  | 29     | 30    | 30     | 30  | 30    | 30   | 29    | 29  |
| 53.75° | 37    | 38     | 39  | 39     | 40    | 40     | 40  | 40    | 40   | 39    | 39  |
| 52.5°  | 47    | 48     | 49  | 49     | 50    | 50     | 50  | 50    | 50   | 49    | 49  |
| 51.25° | 56    | 57     | 57  | 58     | 58    | 59     | 59  | 59    | 58   | 58    | 57  |
| 50°    | 65    | 65     | 66  | 67     | 67    | 67     | 67  | 67    | 67   | 67    | 66  |
| 48.75° | 73    | 74     | 75  | 76     | 76    | 76     | 76  | 76    | 76   | 76    | 75  |
| 47.5°  | 82    | 83     | 84  | 84     | 85    | 85     | 85  | 85    | 85   | 84    | 84  |
| 46.25° | 92    | 93     | 94  | 95     | 95    | 95     | 96  | 95    | 95   | 95    | 94  |
| 45°    | 102   | 103    | 104 | 105    | 106   | 106    | 106 | 106   | 106  | 105   | 104 |
| 43.75° | 114   | 116    | 117 | 118    | 119   | 119    | 120 | 119   | 119  | 118   | 117 |
| 42.5°  | 127   | 129    | 130 | 132    | 132   | 133    | 133 | 133   | 132  | 132   | 130 |
| 41.25° | 145   | 147    | 150 | 151    | 153   | 153    | 154 | 153   | 153  | 151   | 150 |
| 40°    | 165   | 168    | 170 | 172    | 173   | 174    | 175 | 174   | 173  | 172   | 170 |
| 38.75° | 188   | 191    | 194 | 197    | 199   | 200    | 200 | 200   | 199  | 197   | 194 |
| 37.5°  | 212   | 216    | 220 | 222    | 224   | 225    | 225 | 225   | 224  | 222   | 220 |
| 36.25° | 241   | 246    | 251 | 254    | 257   | 258    | 259 | 258   | 257  | 254   | 251 |
| 35°    | 273   | 279    | 284 | 287    | 290   | 291    | 292 | 291   | 290  | 287   | 284 |



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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°  | 316   | 326    | 335  | 341    | 346   | 349    | 350  | 349   | 346  | 341   | 335  |
| 32.5°   | 372   | 383    | 391  | 398    | 403   | 406    | 407  | 406   | 403  | 398   | 391  |
| 31.25°  | 456   | 482    | 504  | 521    | 533   | 540    | 543  | 540   | 533  | 521   | 504  |
| 30°     | 587   | 615    | 638  | 655    | 668   | 676    | 678  | 676   | 668  | 655   | 638  |
| 28.75°  | 727   | 762    | 791  | 814    | 831   | 841    | 845  | 841   | 831  | 814   | 791  |
| 27.5°   | 889   | 927    | 959  | 984    | 1001  | 1012   | 1015 | 1012  | 1001 | 984   | 959  |
| 26.25°  | 1053  | 1092   | 1124 | 1148   | 1166  | 1177   | 1180 | 1177  | 1166 | 1148  | 1124 |
| 25°     | 1208  | 1245   | 1276 | 1300   | 1317  | 1327   | 1331 | 1327  | 1317 | 1300  | 1276 |
| 23.75°  | 1346  | 1378   | 1404 | 1425   | 1436  | 1442   | 1444 | 1442  | 1436 | 1425  | 1404 |
| 22.5°   | 1450  | 1473   | 1492 | 1505   | 1514  | 1520   | 1522 | 1520  | 1514 | 1505  | 1492 |
| 21.25°  | 1523  | 1544   | 1561 | 1575   | 1585  | 1592   | 1594 | 1592  | 1585 | 1575  | 1561 |
| 20°     | 1590  | 1613   | 1632 | 1648   | 1658  | 1665   | 1667 | 1665  | 1658 | 1648  | 1632 |
| 18.75°  | 1659  | 1684   | 1706 | 1723   | 1736  | 1744   | 1746 | 1744  | 1736 | 1723  | 1706 |
| 17.5°   | 1730  | 1760   | 1784 | 1803   | 1816  | 1824   | 1826 | 1824  | 1816 | 1803  | 1784 |
| 16.25°  | 1805  | 1833   | 1858 | 1878   | 1893  | 1902   | 1905 | 1902  | 1893 | 1878  | 1858 |
| 15°     | 1874  | 1907   | 1937 | 1963   | 1981  | 1993   | 1997 | 1993  | 1981 | 1963  | 1937 |
| 13.75°  | 1950  | 1991   | 2027 | 2056   | 2077  | 2090   | 2095 | 2090  | 2077 | 2056  | 2027 |
| 12.5°   | 2032  | 2078   | 2119 | 2152   | 2176  | 2190   | 2195 | 2190  | 2176 | 2152  | 2119 |
| 11.25°  | 2116  | 2167   | 2210 | 2244   | 2267  | 2281   | 2286 | 2281  | 2267 | 2244  | 2210 |
| 10°     | 2196  | 2249   | 2291 | 2324   | 2347  | 2362   | 2367 | 2362  | 2347 | 2324  | 2291 |
| 8.75°   | 2268  | 2320   | 2362 | 2392   | 2414  | 2427   | 2431 | 2427  | 2414 | 2392  | 2362 |
| 7.5°    | 2329  | 2380   | 2419 | 2449   | 2471  | 2482   | 2485 | 2482  | 2471 | 2449  | 2419 |
| 6.25°   | 2380  | 2428   | 2467 | 2493   | 2510  | 2518   | 2521 | 2518  | 2510 | 2493  | 2467 |
| 5°      | 2419  | 2467   | 2501 | 2521   | 2529  | 2533   | 2534 | 2533  | 2529 | 2521  | 2501 |
| 3.75°   | 2449  | 2493   | 2521 | 2531   | 2535  | 2535   | 2534 | 2535  | 2535 | 2531  | 2521 |
| 2.5°    | 2471  | 2510   | 2529 | 2535   | 2532  | 2526   | 2523 | 2526  | 2532 | 2535  | 2529 |
| 1.25°   | 2482  | 2518   | 2533 | 2535   | 2526  | 2518   | 2517 | 2518  | 2526 | 2535  | 2533 |
| 0°      | 2485  | 2521   | 2534 | 2534   | 2523  | 2517   | 2524 | 2517  | 2523 | 2534  | 2534 |
| -1.25°  | 2482  | 2518   | 2533 | 2535   | 2526  | 2518   | 2517 | 2518  | 2526 | 2535  | 2533 |
| -2.5°   | 2471  | 2510   | 2529 | 2535   | 2532  | 2526   | 2523 | 2526  | 2532 | 2535  | 2529 |
| -3.75°  | 2449  | 2493   | 2521 | 2531   | 2535  | 2535   | 2534 | 2535  | 2535 | 2531  | 2521 |
| -5°     | 2419  | 2467   | 2501 | 2521   | 2529  | 2533   | 2534 | 2533  | 2529 | 2521  | 2501 |
| -6.25°  | 2380  | 2428   | 2467 | 2493   | 2510  | 2518   | 2521 | 2518  | 2510 | 2493  | 2467 |
| -7.5°   | 2329  | 2380   | 2419 | 2449   | 2471  | 2482   | 2485 | 2482  | 2471 | 2449  | 2419 |
| -8.75°  | 2268  | 2320   | 2362 | 2392   | 2414  | 2427   | 2431 | 2427  | 2414 | 2392  | 2362 |
| -10°    | 2196  | 2249   | 2291 | 2324   | 2347  | 2362   | 2367 | 2362  | 2347 | 2324  | 2291 |
| -11.25° | 2116  | 2167   | 2210 | 2244   | 2267  | 2281   | 2286 | 2281  | 2267 | 2244  | 2210 |
| -12.5°  | 2032  | 2078   | 2119 | 2152   | 2176  | 2190   | 2195 | 2190  | 2176 | 2152  | 2119 |
| -13.75° | 1950  | 1991   | 2027 | 2056   | 2077  | 2090   | 2095 | 2090  | 2077 | 2056  | 2027 |
| -15°    | 1874  | 1907   | 1937 | 1963   | 1981  | 1993   | 1997 | 1993  | 1981 | 1963  | 1937 |
| -16.25° | 1805  | 1833   | 1858 | 1878   | 1893  | 1902   | 1905 | 1902  | 1893 | 1878  | 1858 |
| -17.5°  | 1730  | 1760   | 1784 | 1803   | 1816  | 1824   | 1826 | 1824  | 1816 | 1803  | 1784 |
| -18.75° | 1659  | 1684   | 1706 | 1723   | 1736  | 1744   | 1746 | 1744  | 1736 | 1723  | 1706 |
| -20°    | 1590  | 1613   | 1632 | 1648   | 1658  | 1665   | 1667 | 1665  | 1658 | 1648  | 1632 |
| -21.25° | 1523  | 1544   | 1561 | 1575   | 1585  | 1592   | 1594 | 1592  | 1585 | 1575  | 1561 |





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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5°  | -3.75° | -2.5° | -1.25° | 0°   | 1.25° | 2.5° | 3.75° | 5°   |
|---------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| -22.5°  | 1450  | 1473   | 1492 | 1505   | 1514  | 1520   | 1522 | 1520  | 1514 | 1505  | 1492 |
| -23.75° | 1346  | 1378   | 1404 | 1425   | 1436  | 1442   | 1444 | 1442  | 1436 | 1425  | 1404 |
| -25°    | 1208  | 1245   | 1276 | 1300   | 1317  | 1327   | 1331 | 1327  | 1317 | 1300  | 1276 |
| -26.25° | 1053  | 1092   | 1124 | 1148   | 1166  | 1177   | 1180 | 1177  | 1166 | 1148  | 1124 |
| -27.5°  | 889   | 927    | 959  | 984    | 1001  | 1012   | 1015 | 1012  | 1001 | 984   | 959  |
| -28.75° | 727   | 762    | 791  | 814    | 831   | 841    | 845  | 841   | 831  | 814   | 791  |
| -30°    | 587   | 615    | 638  | 655    | 668   | 676    | 678  | 676   | 668  | 655   | 638  |
| -31.25° | 456   | 482    | 504  | 521    | 533   | 540    | 543  | 540   | 533  | 521   | 504  |
| -32.5°  | 372   | 383    | 391  | 398    | 403   | 406    | 407  | 406   | 403  | 398   | 391  |
| -33.75° | 316   | 326    | 335  | 341    | 346   | 349    | 350  | 349   | 346  | 341   | 335  |
| -35°    | 273   | 279    | 284  | 287    | 290   | 291    | 292  | 291   | 290  | 287   | 284  |
| -36.25° | 241   | 246    | 251  | 254    | 257   | 258    | 259  | 258   | 257  | 254   | 251  |
| -37.5°  | 212   | 216    | 220  | 222    | 224   | 225    | 225  | 225   | 224  | 222   | 220  |
| -38.75° | 188   | 191    | 194  | 197    | 199   | 200    | 200  | 200   | 199  | 197   | 194  |
| -40°    | 165   | 168    | 170  | 172    | 173   | 174    | 175  | 174   | 173  | 172   | 170  |
| -41.25° | 145   | 147    | 150  | 151    | 153   | 153    | 154  | 153   | 153  | 151   | 150  |
| -42.5°  | 127   | 129    | 130  | 132    | 132   | 133    | 133  | 133   | 132  | 132   | 130  |
| -43.75° | 114   | 116    | 117  | 118    | 119   | 119    | 120  | 119   | 119  | 118   | 117  |
| -45°    | 102   | 103    | 104  | 105    | 106   | 106    | 106  | 106   | 106  | 105   | 104  |
| -46.25° | 92    | 93     | 94   | 95     | 95    | 95     | 96   | 95    | 95   | 95    | 94   |
| -47.5°  | 82    | 83     | 84   | 84     | 85    | 85     | 85   | 85    | 85   | 84    | 84   |
| -48.75° | 73    | 74     | 75   | 76     | 76    | 76     | 76   | 76    | 76   | 76    | 75   |
| -50°    | 65    | 65     | 66   | 67     | 67    | 67     | 67   | 67    | 67   | 67    | 66   |
| -51.25° | 56    | 57     | 57   | 58     | 58    | 59     | 59   | 59    | 58   | 58    | 57   |
| -52.5°  | 47    | 48     | 49   | 49     | 50    | 50     | 50   | 50    | 50   | 49    | 49   |
| -53.75° | 37    | 38     | 39   | 39     | 40    | 40     | 40   | 40    | 40   | 39    | 39   |
| -55°    | 27    | 28     | 29   | 29     | 30    | 30     | 30   | 30    | 30   | 29    | 29   |
| -56.25° | 16    | 17     | 18   | 18     | 19    | 19     | 19   | 19    | 19   | 18    | 18   |
| -57.5°  | 8     | 8      | 8    | 8      | 8     | 8      | 8    | 8     | 8    | 8     | 8    |
| -58.75° | 7     | 7      | 7    | 7      | 7     | 7      | 7    | 7     | 7    | 7     | 7    |
| -60°    | 6     | 6      | 6    | 6      | 6     | 6      | 6    | 6     | 6    | 6     | 6    |
| -61.25° | 6     | 6      | 6    | 6      | 6     | 6      | 6    | 6     | 6    | 6     | 6    |
| -62.5°  | 5     | 5      | 5    | 5      | 5     | 5      | 5    | 5     | 5    | 5     | 5    |
| -63.75° | 5     | 5      | 5    | 5      | 5     | 5      | 5    | 5     | 5    | 5     | 5    |
| -65°    | 5     | 5      | 5    | 5      | 5     | 5      | 5    | 5     | 5    | 5     | 5    |
| -66.25° | 5     | 5      | 5    | 5      | 5     | 5      | 5    | 5     | 5    | 5     | 5    |
| -67.5°  | 4     | 4      | 4    | 4      | 4     | 4      | 4    | 4     | 4    | 4     | 4    |
| -68.75° | 4     | 4      | 4    | 4      | 4     | 4      | 4    | 4     | 4    | 4     | 4    |
| -70°    | 4     | 4      | 4    | 4      | 4     | 4      | 4    | 4     | 4    | 4     | 4    |
| -71.25° | 4     | 4      | 4    | 4      | 4     | 4      | 4    | 4     | 4    | 4     | 4    |
| -72.5°  | 3     | 3      | 3    | 3      | 3     | 3      | 3    | 3     | 3    | 3     | 3    |
| -73.75° | 3     | 3      | 3    | 3      | 3     | 3      | 3    | 3     | 3    | 3     | 3    |
| -75°    | 2     | 2      | 2    | 2      | 2     | 2      | 2    | 2     | 2    | 2     | 2    |
| -76.25° | 1     | 2      | 2    | 2      | 2     | 2      | 2    | 2     | 2    | 2     | 2    |
| -77.5°  | 1     | 1      | 1    | 1      | 1     | 1      | 1    | 1     | 1    | 1     | 1    |



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|-----|--------|-------|--------|----|-------|------|-------|----|
| -78.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| -80°    | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| -81.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| -82.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| -83.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| -85°    | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| -86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 1  | 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°    | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 83.75° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 82.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 81.25° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 80°    | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 78.75° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 77.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 76.25° | 2     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 75°    | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| 73.75° | 3     | 3    | 3     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| 72.5°  | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| 71.25° | 4     | 4    | 4     | 4   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| 70°    | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      |
| 68.75° | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      |
| 67.5°  | 4     | 4    | 4     | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      |
| 66.25° | 5     | 5    | 5     | 5   | 5      | 4     | 4      | 4   | 4      | 4     | 4      |
| 65°    | 5     | 5    | 5     | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      |
| 63.75° | 5     | 5    | 5     | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      |
| 62.5°  | 5     | 5    | 5     | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      |
| 61.25° | 6     | 6    | 6     | 6   | 5      | 5     | 5      | 5   | 5      | 5     | 5      |
| 60°    | 6     | 6    | 6     | 6   | 6      | 6     | 6      | 6   | 6      | 6     | 6      |
| 58.75° | 7     | 7    | 7     | 7   | 7      | 7     | 6      | 6   | 6      | 6     | 6      |
| 57.5°  | 8     | 8    | 8     | 8   | 8      | 8     | 7      | 7   | 7      | 7     | 7      |
| 56.25° | 17    | 16   | 15    | 14  | 13     | 11    | 10     | 8   | 8      | 8     | 8      |
| 55°    | 28    | 27   | 26    | 25  | 23     | 22    | 20     | 18  | 16     | 14    | 12     |
| 53.75° | 38    | 37   | 36    | 35  | 34     | 32    | 31     | 29  | 27     | 24    | 22     |
| 52.5°  | 48    | 47   | 46    | 45  | 43     | 42    | 40     | 38  | 36     | 34    | 32     |
| 51.25° | 57    | 56   | 55    | 54  | 53     | 51    | 49     | 48  | 45     | 43    | 41     |
| 50°    | 65    | 65   | 64    | 62  | 61     | 60    | 58     | 56  | 54     | 52    | 50     |
| 48.75° | 74    | 73   | 72    | 71  | 70     | 68    | 66     | 64  | 62     | 60    | 58     |
| 47.5°  | 83    | 82   | 81    | 80  | 78     | 76    | 75     | 73  | 71     | 68    | 66     |
| 46.25° | 93    | 92   | 90    | 89  | 87     | 85    | 83     | 81  | 79     | 76    | 74     |
| 45°    | 103   | 102  | 100   | 99  | 97     | 95    | 93     | 90  | 87     | 85    | 82     |
| 43.75° | 116   | 114  | 112   | 110 | 107    | 105   | 102    | 100 | 97     | 94    | 91     |
| 42.5°  | 129   | 127  | 125   | 123 | 120    | 117   | 114    | 110 | 107    | 103   | 100    |
| 41.25° | 147   | 145  | 141   | 137 | 133    | 130   | 127    | 123 | 119    | 115   | 110    |
| 40°    | 168   | 165  | 161   | 157 | 153    | 148   | 143    | 137 | 131    | 127   | 122    |
| 38.75° | 191   | 188  | 183   | 178 | 173    | 168   | 162    | 156 | 149    | 142   | 135    |
| 37.5°  | 216   | 212  | 208   | 203 | 197    | 190   | 183    | 175 | 168    | 161   | 153    |
| 36.25° | 246   | 241  | 235   | 228 | 221    | 214   | 206    | 198 | 189    | 180   | 171    |
| 35°    | 279   | 273  | 267   | 259 | 251    | 241   | 231    | 221 | 212    | 202   | 192    |



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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°  | 326   | 316  | 304   | 291  | 282    | 272   | 262    | 250  | 238    | 225   | 214    |
| 32.5°   | 383   | 372  | 360   | 345  | 329    | 312   | 292    | 280  | 267    | 253   | 239    |
| 31.25°  | 482   | 456  | 425   | 400  | 383    | 365   | 345    | 323  | 299    | 282   | 267    |
| 30°     | 615   | 587  | 555   | 518  | 477    | 432   | 396    | 374  | 349    | 323   | 296    |
| 28.75°  | 762   | 727  | 686   | 646  | 603    | 555   | 503    | 447  | 399    | 372   | 344    |
| 27.5°   | 927   | 889  | 844   | 793  | 738    | 678   | 624    | 565  | 503    | 437   | 390    |
| 26.25°  | 1092  | 1053 | 1006  | 952  | 892    | 826   | 757    | 683  | 617    | 548   | 476    |
| 25°     | 1245  | 1208 | 1162  | 1108 | 1047   | 979   | 904    | 823  | 740    | 658   | 583    |
| 23.75°  | 1378  | 1346 | 1304  | 1253 | 1194   | 1126  | 1051   | 967  | 878    | 784   | 689    |
| 22.5°   | 1473  | 1450 | 1422  | 1377 | 1328   | 1262  | 1189   | 1106 | 1015   | 917   | 814    |
| 21.25°  | 1544  | 1523 | 1499  | 1468 | 1433   | 1378  | 1315   | 1235 | 1145   | 1047  | 941    |
| 20°     | 1613  | 1590 | 1564  | 1535 | 1503   | 1464  | 1417   | 1349 | 1265   | 1169  | 1063   |
| 18.75°  | 1684  | 1659 | 1630  | 1598 | 1564   | 1527  | 1487   | 1438 | 1368   | 1280  | 1177   |
| 17.5°   | 1760  | 1730 | 1698  | 1663 | 1625   | 1585  | 1543   | 1500 | 1447   | 1374  | 1280   |
| 16.25°  | 1833  | 1805 | 1770  | 1729 | 1687   | 1644  | 1598   | 1551 | 1504   | 1447  | 1368   |
| 15°     | 1907  | 1874 | 1837  | 1798 | 1751   | 1703  | 1653   | 1603 | 1551   | 1500  | 1438   |
| 13.75°  | 1991  | 1950 | 1905  | 1860 | 1814   | 1763  | 1708   | 1653 | 1598   | 1543  | 1487   |
| 12.5°   | 2078  | 2032 | 1980  | 1925 | 1872   | 1820  | 1763   | 1703 | 1644   | 1585  | 1527   |
| 11.25°  | 2167  | 2116 | 2058  | 1996 | 1932   | 1872  | 1814   | 1751 | 1687   | 1625  | 1564   |
| 10°     | 2249  | 2196 | 2135  | 2066 | 1996   | 1925  | 1860   | 1798 | 1729   | 1663  | 1598   |
| 8.75°   | 2320  | 2268 | 2206  | 2135 | 2058   | 1980  | 1905   | 1837 | 1770   | 1698  | 1630   |
| 7.5°    | 2380  | 2329 | 2268  | 2196 | 2116   | 2032  | 1950   | 1874 | 1805   | 1730  | 1659   |
| 6.25°   | 2428  | 2380 | 2320  | 2249 | 2167   | 2078  | 1991   | 1907 | 1833   | 1760  | 1684   |
| 5°      | 2467  | 2419 | 2362  | 2291 | 2210   | 2119  | 2027   | 1937 | 1858   | 1784  | 1706   |
| 3.75°   | 2493  | 2449 | 2392  | 2324 | 2244   | 2152  | 2056   | 1963 | 1878   | 1803  | 1723   |
| 2.5°    | 2510  | 2471 | 2414  | 2347 | 2267   | 2176  | 2077   | 1981 | 1893   | 1816  | 1736   |
| 1.25°   | 2518  | 2482 | 2427  | 2362 | 2281   | 2190  | 2090   | 1993 | 1902   | 1824  | 1744   |
| 0°      | 2521  | 2485 | 2431  | 2367 | 2286   | 2195  | 2095   | 1997 | 1905   | 1826  | 1746   |
| -1.25°  | 2518  | 2482 | 2427  | 2362 | 2281   | 2190  | 2090   | 1993 | 1902   | 1824  | 1744   |
| -2.5°   | 2510  | 2471 | 2414  | 2347 | 2267   | 2176  | 2077   | 1981 | 1893   | 1816  | 1736   |
| -3.75°  | 2493  | 2449 | 2392  | 2324 | 2244   | 2152  | 2056   | 1963 | 1878   | 1803  | 1723   |
| -5°     | 2467  | 2419 | 2362  | 2291 | 2210   | 2119  | 2027   | 1937 | 1858   | 1784  | 1706   |
| -6.25°  | 2428  | 2380 | 2320  | 2249 | 2167   | 2078  | 1991   | 1907 | 1833   | 1760  | 1684   |
| -7.5°   | 2380  | 2329 | 2268  | 2196 | 2116   | 2032  | 1950   | 1874 | 1805   | 1730  | 1659   |
| -8.75°  | 2320  | 2268 | 2206  | 2135 | 2058   | 1980  | 1905   | 1837 | 1770   | 1698  | 1630   |
| -10°    | 2249  | 2196 | 2135  | 2066 | 1996   | 1925  | 1860   | 1798 | 1729   | 1663  | 1598   |
| -11.25° | 2167  | 2116 | 2058  | 1996 | 1932   | 1872  | 1814   | 1751 | 1687   | 1625  | 1564   |
| -12.5°  | 2078  | 2032 | 1980  | 1925 | 1872   | 1820  | 1763   | 1703 | 1644   | 1585  | 1527   |
| -13.75° | 1991  | 1950 | 1905  | 1860 | 1814   | 1763  | 1708   | 1653 | 1598   | 1543  | 1487   |
| -15°    | 1907  | 1874 | 1837  | 1798 | 1751   | 1703  | 1653   | 1603 | 1551   | 1500  | 1438   |
| -16.25° | 1833  | 1805 | 1770  | 1729 | 1687   | 1644  | 1598   | 1551 | 1504   | 1447  | 1368   |
| -17.5°  | 1760  | 1730 | 1698  | 1663 | 1625   | 1585  | 1543   | 1500 | 1447   | 1374  | 1280   |
| -18.75° | 1684  | 1659 | 1630  | 1598 | 1564   | 1527  | 1487   | 1438 | 1368   | 1280  | 1177   |
| -20°    | 1613  | 1590 | 1564  | 1535 | 1503   | 1464  | 1417   | 1349 | 1265   | 1169  | 1063   |
| -21.25° | 1544  | 1523 | 1499  | 1468 | 1433   | 1378  | 1315   | 1235 | 1145   | 1047  | 941    |



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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°  | 1473  | 1450 | 1422  | 1377 | 1328   | 1262  | 1189   | 1106 | 1015   | 917   | 814    |
| -23.75° | 1378  | 1346 | 1304  | 1253 | 1194   | 1126  | 1051   | 967  | 878    | 784   | 689    |
| -25°    | 1245  | 1208 | 1162  | 1108 | 1047   | 979   | 904    | 823  | 740    | 658   | 583    |
| -26.25° | 1092  | 1053 | 1006  | 952  | 892    | 826   | 757    | 683  | 617    | 548   | 476    |
| -27.5°  | 927   | 889  | 844   | 793  | 738    | 678   | 624    | 565  | 503    | 437   | 390    |
| -28.75° | 762   | 727  | 686   | 646  | 603    | 555   | 503    | 447  | 399    | 372   | 344    |
| -30°    | 615   | 587  | 555   | 518  | 477    | 432   | 396    | 374  | 349    | 323   | 296    |
| -31.25° | 482   | 456  | 425   | 400  | 383    | 365   | 345    | 323  | 299    | 282   | 267    |
| -32.5°  | 383   | 372  | 360   | 345  | 329    | 312   | 292    | 280  | 267    | 253   | 239    |
| -33.75° | 326   | 316  | 304   | 291  | 282    | 272   | 262    | 250  | 238    | 225   | 214    |
| -35°    | 279   | 273  | 267   | 259  | 251    | 241   | 231    | 221  | 212    | 202   | 192    |
| -36.25° | 246   | 241  | 235   | 228  | 221    | 214   | 206    | 198  | 189    | 180   | 171    |
| -37.5°  | 216   | 212  | 208   | 203  | 197    | 190   | 183    | 175  | 168    | 161   | 153    |
| -38.75° | 191   | 188  | 183   | 178  | 173    | 168   | 162    | 156  | 149    | 142   | 135    |
| -40°    | 168   | 165  | 161   | 157  | 153    | 148   | 143    | 137  | 131    | 127   | 122    |
| -41.25° | 147   | 145  | 141   | 137  | 133    | 130   | 127    | 123  | 119    | 115   | 110    |
| -42.5°  | 129   | 127  | 125   | 123  | 120    | 117   | 114    | 110  | 107    | 103   | 100    |
| -43.75° | 116   | 114  | 112   | 110  | 107    | 105   | 102    | 100  | 97     | 94    | 91     |
| -45°    | 103   | 102  | 100   | 99   | 97     | 95    | 93     | 90   | 87     | 85    | 82     |
| -46.25° | 93    | 92   | 90    | 89   | 87     | 85    | 83     | 81   | 79     | 76    | 74     |
| -47.5°  | 83    | 82   | 81    | 80   | 78     | 76    | 75     | 73   | 71     | 68    | 66     |
| -48.75° | 74    | 73   | 72    | 71   | 70     | 68    | 66     | 64   | 62     | 60    | 58     |
| -50°    | 65    | 65   | 64    | 62   | 61     | 60    | 58     | 56   | 54     | 52    | 50     |
| -51.25° | 57    | 56   | 55    | 54   | 53     | 51    | 49     | 48   | 45     | 43    | 41     |
| -52.5°  | 48    | 47   | 46    | 45   | 43     | 42    | 40     | 38   | 36     | 34    | 32     |
| -53.75° | 38    | 37   | 36    | 35   | 34     | 32    | 31     | 29   | 27     | 24    | 22     |
| -55°    | 28    | 27   | 26    | 25   | 23     | 22    | 20     | 18   | 16     | 14    | 12     |
| -56.25° | 17    | 16   | 15    | 14   | 13     | 11    | 10     | 8    | 8      | 8     | 8      |
| -57.5°  | 8     | 8    | 8     | 8    | 8      | 8     | 7      | 7    | 7      | 7     | 7      |
| -58.75° | 7     | 7    | 7     | 7    | 7      | 7     | 6      | 6    | 6      | 6     | 6      |
| -60°    | 6     | 6    | 6     | 6    | 6      | 6     | 6      | 6    | 6      | 6     | 6      |
| -61.25° | 6     | 6    | 6     | 6    | 5      | 5     | 5      | 5    | 5      | 5     | 5      |
| -62.5°  | 5     | 5    | 5     | 5    | 5      | 5     | 5      | 5    | 5      | 5     | 5      |
| -63.75° | 5     | 5    | 5     | 5    | 5      | 5     | 5      | 5    | 5      | 5     | 5      |
| -65°    | 5     | 5    | 5     | 5    | 5      | 5     | 5      | 5    | 5      | 5     | 5      |
| -66.25° | 5     | 5    | 5     | 5    | 5      | 4     | 4      | 4    | 4      | 4     | 4      |
| -67.5°  | 4     | 4    | 4     | 4    | 4      | 4     | 4      | 4    | 4      | 4     | 4      |
| -68.75° | 4     | 4    | 4     | 4    | 4      | 4     | 4      | 4    | 4      | 4     | 4      |
| -70°    | 4     | 4    | 4     | 4    | 4      | 4     | 4      | 4    | 4      | 4     | 4      |
| -71.25° | 4     | 4    | 4     | 4    | 3      | 3     | 3      | 3    | 3      | 3     | 3      |
| -72.5°  | 3     | 3    | 3     | 3    | 3      | 3     | 3      | 3    | 3      | 3     | 3      |
| -73.75° | 3     | 3    | 3     | 2    | 2      | 2     | 2      | 2    | 2      | 2     | 2      |
| -75°    | 2     | 2    | 2     | 2    | 2      | 2     | 2      | 2    | 2      | 2     | 2      |
| -76.25° | 2     | 1    | 1     | 1    | 1      | 1     | 1      | 1    | 1      | 1     | 1      |
| -77.5°  | 1     | 1    | 1     | 1    | 1      | 1     | 1      | 1    | 1      | 1     | 1      |



REPORT NUMBER: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -80°    | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -81.25° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -82.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -83.75° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -85°    | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -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: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 83.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 82.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 81.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 80°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 78.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 77.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 76.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 75°    | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| 73.75° | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     |
| 72.5°  | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     |
| 71.25° | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 2      | 2     |
| 70°    | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 3      | 3   | 3      | 3     |
| 68.75° | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 3     |
| 67.5°  | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     |
| 66.25° | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     |
| 65°    | 5   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     |
| 63.75° | 5   | 5      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 4     |
| 62.5°  | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 4     |
| 61.25° | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 5     |
| 60°    | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 5     |
| 58.75° | 6   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 5   | 5      | 5     |
| 57.5°  | 6   | 6      | 6     | 6      | 6   | 6      | 6     | 5      | 5   | 5      | 5     |
| 56.25° | 7   | 7      | 7     | 7      | 6   | 6      | 6     | 6      | 6   | 6      | 5     |
| 55°    | 9   | 8      | 8     | 8      | 7   | 7      | 7     | 6      | 6   | 6      | 6     |
| 53.75° | 19  | 17     | 14    | 11     | 8   | 8      | 8     | 7      | 7   | 7      | 6     |
| 52.5°  | 29  | 26     | 23    | 20     | 17  | 13     | 10    | 8      | 8   | 7      | 7     |
| 51.25° | 38  | 36     | 33    | 30     | 26  | 23     | 19    | 15     | 11  | 8      | 8     |
| 50°    | 47  | 44     | 41    | 38     | 35  | 32     | 28    | 24     | 20  | 16     | 11    |
| 48.75° | 55  | 53     | 50    | 47     | 44  | 40     | 36    | 33     | 29  | 24     | 20    |
| 47.5°  | 63  | 61     | 58    | 55     | 52  | 48     | 44    | 41     | 37  | 32     | 28    |
| 46.25° | 71  | 68     | 65    | 62     | 59  | 56     | 52    | 48     | 44  | 40     | 35    |
| 45°    | 79  | 76     | 73    | 70     | 66  | 63     | 59    | 56     | 52  | 47     | 43    |
| 43.75° | 87  | 84     | 81    | 77     | 74  | 70     | 66    | 63     | 59  | 54     | 50    |
| 42.5°  | 96  | 93     | 89    | 85     | 81  | 77     | 73    | 69     | 65  | 61     | 57    |
| 41.25° | 106 | 102    | 98    | 93     | 89  | 84     | 80    | 76     | 72  | 67     | 63    |
| 40°    | 117 | 112    | 107   | 102    | 97  | 93     | 88    | 83     | 79  | 74     | 69    |
| 38.75° | 129 | 124    | 118   | 112    | 106 | 101    | 96    | 91     | 85  | 80     | 75    |
| 37.5°  | 145 | 136    | 129   | 123    | 117 | 110    | 104   | 98     | 93  | 87     | 82    |
| 36.25° | 162 | 153    | 144   | 134    | 127 | 120    | 113   | 106    | 100 | 94     | 88    |
| 35°    | 181 | 171    | 161   | 151    | 140 | 131    | 123   | 116    | 108 | 101    | 95    |



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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° |
|---------|------|--------|-------|--------|------|--------|-------|--------|-----|--------|-------|
| 33.75°  | 203  | 191    | 178   | 167    | 156  | 145    | 133   | 125    | 117 | 109    | 102   |
| 32.5°   | 224  | 212    | 199   | 185    | 172  | 160    | 148   | 136    | 127 | 118    | 110   |
| 31.25°  | 251  | 234    | 219   | 205    | 191  | 176    | 163   | 150    | 137 | 127    | 118   |
| 30°     | 278  | 260    | 242   | 224    | 209  | 194    | 178   | 165    | 151 | 137    | 127   |
| 28.75°  | 314  | 287    | 268   | 248    | 228  | 212    | 196   | 179    | 165 | 150    | 136   |
| 27.5°   | 359  | 327    | 293   | 273    | 252  | 231    | 213   | 196    | 178 | 163    | 148   |
| 26.25°  | 404  | 371    | 336   | 300    | 275  | 253    | 231   | 212    | 194 | 176    | 160   |
| 25°     | 504  | 422    | 378   | 340    | 302  | 275    | 252   | 228    | 209 | 191    | 172   |
| 23.75°  | 606  | 521    | 433   | 380    | 340  | 300    | 273   | 248    | 224 | 205    | 185   |
| 22.5°   | 711  | 617    | 527   | 433    | 378  | 336    | 293   | 268    | 242 | 219    | 199   |
| 21.25°  | 829  | 718    | 617   | 521    | 422  | 371    | 327   | 287    | 260 | 234    | 212   |
| 20°     | 949  | 829    | 711   | 606    | 504  | 404    | 359   | 314    | 278 | 251    | 224   |
| 18.75°  | 1063 | 941    | 814   | 689    | 583  | 476    | 390   | 344    | 296 | 267    | 239   |
| 17.5°   | 1169 | 1047   | 917   | 784    | 658  | 548    | 437   | 372    | 323 | 282    | 253   |
| 16.25°  | 1265 | 1145   | 1015  | 878    | 740  | 617    | 503   | 399    | 349 | 299    | 267   |
| 15°     | 1349 | 1235   | 1106  | 967    | 823  | 683    | 565   | 447    | 374 | 323    | 280   |
| 13.75°  | 1417 | 1315   | 1189  | 1051   | 904  | 757    | 624   | 503    | 396 | 345    | 292   |
| 12.5°   | 1464 | 1378   | 1262  | 1126   | 979  | 826    | 678   | 555    | 432 | 365    | 312   |
| 11.25°  | 1503 | 1433   | 1328  | 1194   | 1047 | 892    | 738   | 603    | 477 | 383    | 329   |
| 10°     | 1535 | 1468   | 1377  | 1253   | 1108 | 952    | 793   | 646    | 518 | 400    | 345   |
| 8.75°   | 1564 | 1499   | 1422  | 1304   | 1162 | 1006   | 844   | 686    | 555 | 425    | 360   |
| 7.5°    | 1590 | 1523   | 1450  | 1346   | 1208 | 1053   | 889   | 727    | 587 | 456    | 372   |
| 6.25°   | 1613 | 1544   | 1473  | 1378   | 1245 | 1092   | 927   | 762    | 615 | 482    | 383   |
| 5°      | 1632 | 1561   | 1492  | 1404   | 1276 | 1124   | 959   | 791    | 638 | 504    | 391   |
| 3.75°   | 1648 | 1575   | 1505  | 1425   | 1300 | 1148   | 984   | 814    | 655 | 521    | 398   |
| 2.5°    | 1658 | 1585   | 1514  | 1436   | 1317 | 1166   | 1001  | 831    | 668 | 533    | 403   |
| 1.25°   | 1665 | 1592   | 1520  | 1442   | 1327 | 1177   | 1012  | 841    | 676 | 540    | 406   |
| 0°      | 1667 | 1594   | 1522  | 1444   | 1331 | 1180   | 1015  | 845    | 678 | 543    | 407   |
| -1.25°  | 1665 | 1592   | 1520  | 1442   | 1327 | 1177   | 1012  | 841    | 676 | 540    | 406   |
| -2.5°   | 1658 | 1585   | 1514  | 1436   | 1317 | 1166   | 1001  | 831    | 668 | 533    | 403   |
| -3.75°  | 1648 | 1575   | 1505  | 1425   | 1300 | 1148   | 984   | 814    | 655 | 521    | 398   |
| -5°     | 1632 | 1561   | 1492  | 1404   | 1276 | 1124   | 959   | 791    | 638 | 504    | 391   |
| -6.25°  | 1613 | 1544   | 1473  | 1378   | 1245 | 1092   | 927   | 762    | 615 | 482    | 383   |
| -7.5°   | 1590 | 1523   | 1450  | 1346   | 1208 | 1053   | 889   | 727    | 587 | 456    | 372   |
| -8.75°  | 1564 | 1499   | 1422  | 1304   | 1162 | 1006   | 844   | 686    | 555 | 425    | 360   |
| -10°    | 1535 | 1468   | 1377  | 1253   | 1108 | 952    | 793   | 646    | 518 | 400    | 345   |
| -11.25° | 1503 | 1433   | 1328  | 1194   | 1047 | 892    | 738   | 603    | 477 | 383    | 329   |
| -12.5°  | 1464 | 1378   | 1262  | 1126   | 979  | 826    | 678   | 555    | 432 | 365    | 312   |
| -13.75° | 1417 | 1315   | 1189  | 1051   | 904  | 757    | 624   | 503    | 396 | 345    | 292   |
| -15°    | 1349 | 1235   | 1106  | 967    | 823  | 683    | 565   | 447    | 374 | 323    | 280   |
| -16.25° | 1265 | 1145   | 1015  | 878    | 740  | 617    | 503   | 399    | 349 | 299    | 267   |
| -17.5°  | 1169 | 1047   | 917   | 784    | 658  | 548    | 437   | 372    | 323 | 282    | 253   |
| -18.75° | 1063 | 941    | 814   | 689    | 583  | 476    | 390   | 344    | 296 | 267    | 239   |
| -20°    | 949  | 829    | 711   | 606    | 504  | 404    | 359   | 314    | 278 | 251    | 224   |
| -21.25° | 829  | 718    | 617   | 521    | 422  | 371    | 327   | 287    | 260 | 234    | 212   |





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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°  | 711 | 617    | 527   | 433    | 378 | 336    | 293   | 268    | 242 | 219    | 199   |
| -23.75° | 606 | 521    | 433   | 380    | 340 | 300    | 273   | 248    | 224 | 205    | 185   |
| -25°    | 504 | 422    | 378   | 340    | 302 | 275    | 252   | 228    | 209 | 191    | 172   |
| -26.25° | 404 | 371    | 336   | 300    | 275 | 253    | 231   | 212    | 194 | 176    | 160   |
| -27.5°  | 359 | 327    | 293   | 273    | 252 | 231    | 213   | 196    | 178 | 163    | 148   |
| -28.75° | 314 | 287    | 268   | 248    | 228 | 212    | 196   | 179    | 165 | 150    | 136   |
| -30°    | 278 | 260    | 242   | 224    | 209 | 194    | 178   | 165    | 151 | 137    | 127   |
| -31.25° | 251 | 234    | 219   | 205    | 191 | 176    | 163   | 150    | 137 | 127    | 118   |
| -32.5°  | 224 | 212    | 199   | 185    | 172 | 160    | 148   | 136    | 127 | 118    | 110   |
| -33.75° | 203 | 191    | 178   | 167    | 156 | 145    | 133   | 125    | 117 | 109    | 102   |
| -35°    | 181 | 171    | 161   | 151    | 140 | 131    | 123   | 116    | 108 | 101    | 95    |
| -36.25° | 162 | 153    | 144   | 134    | 127 | 120    | 113   | 106    | 100 | 94     | 88    |
| -37.5°  | 145 | 136    | 129   | 123    | 117 | 110    | 104   | 98     | 93  | 87     | 82    |
| -38.75° | 129 | 124    | 118   | 112    | 106 | 101    | 96    | 91     | 85  | 80     | 75    |
| -40°    | 117 | 112    | 107   | 102    | 97  | 93     | 88    | 83     | 79  | 74     | 69    |
| -41.25° | 106 | 102    | 98    | 93     | 89  | 84     | 80    | 76     | 72  | 67     | 63    |
| -42.5°  | 96  | 93     | 89    | 85     | 81  | 77     | 73    | 69     | 65  | 61     | 57    |
| -43.75° | 87  | 84     | 81    | 77     | 74  | 70     | 66    | 63     | 59  | 54     | 50    |
| -45°    | 79  | 76     | 73    | 70     | 66  | 63     | 59    | 56     | 52  | 47     | 43    |
| -46.25° | 71  | 68     | 65    | 62     | 59  | 56     | 52    | 48     | 44  | 40     | 35    |
| -47.5°  | 63  | 61     | 58    | 55     | 52  | 48     | 44    | 41     | 37  | 32     | 28    |
| -48.75° | 55  | 53     | 50    | 47     | 44  | 40     | 36    | 33     | 29  | 24     | 20    |
| -50°    | 47  | 44     | 41    | 38     | 35  | 32     | 28    | 24     | 20  | 16     | 11    |
| -51.25° | 38  | 36     | 33    | 30     | 26  | 23     | 19    | 15     | 11  | 8      | 8     |
| -52.5°  | 29  | 26     | 23    | 20     | 17  | 13     | 10    | 8      | 8   | 7      | 7     |
| -53.75° | 19  | 17     | 14    | 11     | 8   | 8      | 8     | 7      | 7   | 7      | 6     |
| -55°    | 9   | 8      | 8     | 8      | 7   | 7      | 7     | 6      | 6   | 6      | 6     |
| -56.25° | 7   | 7      | 7     | 7      | 6   | 6      | 6     | 6      | 6   | 6      | 5     |
| -57.5°  | 6   | 6      | 6     | 6      | 6   | 6      | 6     | 5      | 5   | 5      | 5     |
| -58.75° | 6   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 5   | 5      | 5     |
| -60°    | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 5     |
| -61.25° | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 5     |
| -62.5°  | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 4     |
| -63.75° | 5   | 5      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 4     |
| -65°    | 5   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     |
| -66.25° | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     |
| -67.5°  | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     |
| -68.75° | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 3     |
| -70°    | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 3      | 3   | 3      | 3     |
| -71.25° | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 2      | 2     |
| -72.5°  | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     |
| -73.75° | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     |
| -75°    | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -76.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -77.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |



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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° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -80°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -81.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -82.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -83.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -85°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     |
| -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]-FL-LED5080-W-WT-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°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      |
| 83.75° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 82.5°  | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 81.25° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 80°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 78.75° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 77.5°  | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 76.25° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 75°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 73.75° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 72.5°  | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| 71.25° | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      |
| 70°    | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2      |
| 68.75° | 3      | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      |
| 67.5°  | 4      | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 2   | 2      |
| 66.25° | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 3      | 3   | 3      |
| 65°    | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 3      |
| 63.75° | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 3   | 3      |
| 62.5°  | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      |
| 61.25° | 5      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      |
| 60°    | 5      | 5   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 4   | 4      |
| 58.75° | 5      | 5   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 4      |
| 57.5°  | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 4      | 4   | 4      |
| 56.25° | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 4   | 4      |
| 55°    | 6      | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      |
| 53.75° | 6      | 6   | 6      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      |
| 52.5°  | 7      | 6   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 5   | 5      |
| 51.25° | 7      | 7   | 6      | 6     | 6      | 6   | 5      | 5     | 5      | 5   | 5      |
| 50°    | 8      | 8   | 7      | 7     | 6      | 6   | 6      | 6     | 5      | 5   | 5      |
| 48.75° | 15     | 10  | 8      | 7     | 7      | 6   | 6      | 6     | 6      | 5   | 5      |
| 47.5°  | 23     | 18  | 13     | 8     | 8      | 7   | 7      | 6     | 6      | 6   | 5      |
| 46.25° | 31     | 26  | 20     | 15    | 9      | 8   | 7      | 7     | 6      | 6   | 6      |
| 45°    | 38     | 33  | 28     | 22    | 17     | 11  | 8      | 7     | 7      | 6   | 6      |
| 43.75° | 45     | 40  | 35     | 30    | 24     | 18  | 12     | 8     | 7      | 7   | 6      |
| 42.5°  | 52     | 47  | 42     | 36    | 31     | 25  | 18     | 12    | 8      | 7   | 7      |
| 41.25° | 58     | 54  | 49     | 43    | 37     | 31  | 25     | 18    | 12     | 8   | 7      |
| 40°    | 64     | 60  | 55     | 49    | 43     | 37  | 31     | 25    | 18     | 11  | 8      |
| 38.75° | 71     | 65  | 60     | 55    | 50     | 43  | 37     | 31    | 24     | 17  | 9      |
| 37.5°  | 77     | 71  | 66     | 61    | 55     | 49  | 43     | 36    | 30     | 22  | 15     |
| 36.25° | 82     | 77  | 72     | 66    | 60     | 55  | 49     | 42    | 35     | 28  | 20     |
| 35°    | 89     | 83  | 77     | 71    | 65     | 60  | 54     | 47    | 40     | 33  | 26     |



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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°  | 95     | 89  | 82     | 77    | 71     | 64  | 58     | 52    | 45     | 38  | 31     |
| 32.5°   | 102    | 95  | 88     | 82    | 75     | 69  | 63     | 57    | 50     | 43  | 35     |
| 31.25°  | 109    | 101 | 94     | 87    | 80     | 74  | 67     | 61    | 54     | 47  | 40     |
| 30°     | 117    | 108 | 100    | 93    | 85     | 79  | 72     | 65    | 59     | 52  | 44     |
| 28.75°  | 125    | 116 | 106    | 98    | 91     | 83  | 76     | 69    | 63     | 56  | 48     |
| 27.5°   | 133    | 123 | 113    | 104   | 96     | 88  | 80     | 73    | 66     | 59  | 52     |
| 26.25°  | 145    | 131 | 120    | 110   | 101    | 93  | 84     | 77    | 70     | 63  | 56     |
| 25°     | 156    | 140 | 127    | 117   | 106    | 97  | 89     | 81    | 74     | 66  | 59     |
| 23.75°  | 167    | 151 | 134    | 123   | 112    | 102 | 93     | 85    | 77     | 70  | 62     |
| 22.5°   | 178    | 161 | 144    | 129   | 118    | 107 | 98     | 89    | 81     | 73  | 65     |
| 21.25°  | 191    | 171 | 153    | 136   | 124    | 112 | 102    | 93    | 84     | 76  | 68     |
| 20°     | 203    | 181 | 162    | 145   | 129    | 117 | 106    | 96    | 87     | 79  | 71     |
| 18.75°  | 214    | 192 | 171    | 153   | 135    | 122 | 110    | 100   | 91     | 82  | 74     |
| 17.5°   | 225    | 202 | 180    | 161   | 142    | 127 | 115    | 103   | 94     | 85  | 76     |
| 16.25°  | 238    | 212 | 189    | 168   | 149    | 131 | 119    | 107   | 97     | 87  | 79     |
| 15°     | 250    | 221 | 198    | 175   | 156    | 137 | 123    | 110   | 100    | 90  | 81     |
| 13.75°  | 262    | 231 | 206    | 183   | 162    | 143 | 127    | 114   | 102    | 93  | 83     |
| 12.5°   | 272    | 241 | 214    | 190   | 168    | 148 | 130    | 117   | 105    | 95  | 85     |
| 11.25°  | 282    | 251 | 221    | 197   | 173    | 153 | 133    | 120   | 107    | 97  | 87     |
| 10°     | 291    | 259 | 228    | 203   | 178    | 157 | 137    | 123   | 110    | 99  | 89     |
| 8.75°   | 304    | 267 | 235    | 208   | 183    | 161 | 141    | 125   | 112    | 100 | 90     |
| 7.5°    | 316    | 273 | 241    | 212   | 188    | 165 | 145    | 127   | 114    | 102 | 92     |
| 6.25°   | 326    | 279 | 246    | 216   | 191    | 168 | 147    | 129   | 116    | 103 | 93     |
| 5°      | 335    | 284 | 251    | 220   | 194    | 170 | 150    | 130   | 117    | 104 | 94     |
| 3.75°   | 341    | 287 | 254    | 222   | 197    | 172 | 151    | 132   | 118    | 105 | 95     |
| 2.5°    | 346    | 290 | 257    | 224   | 199    | 173 | 153    | 132   | 119    | 106 | 95     |
| 1.25°   | 349    | 291 | 258    | 225   | 200    | 174 | 153    | 133   | 119    | 106 | 95     |
| 0°      | 350    | 292 | 259    | 225   | 200    | 175 | 154    | 133   | 120    | 106 | 96     |
| -1.25°  | 349    | 291 | 258    | 225   | 200    | 174 | 153    | 133   | 119    | 106 | 95     |
| -2.5°   | 346    | 290 | 257    | 224   | 199    | 173 | 153    | 132   | 119    | 106 | 95     |
| -3.75°  | 341    | 287 | 254    | 222   | 197    | 172 | 151    | 132   | 118    | 105 | 95     |
| -5°     | 335    | 284 | 251    | 220   | 194    | 170 | 150    | 130   | 117    | 104 | 94     |
| -6.25°  | 326    | 279 | 246    | 216   | 191    | 168 | 147    | 129   | 116    | 103 | 93     |
| -7.5°   | 316    | 273 | 241    | 212   | 188    | 165 | 145    | 127   | 114    | 102 | 92     |
| -8.75°  | 304    | 267 | 235    | 208   | 183    | 161 | 141    | 125   | 112    | 100 | 90     |
| -10°    | 291    | 259 | 228    | 203   | 178    | 157 | 137    | 123   | 110    | 99  | 89     |
| -11.25° | 282    | 251 | 221    | 197   | 173    | 153 | 133    | 120   | 107    | 97  | 87     |
| -12.5°  | 272    | 241 | 214    | 190   | 168    | 148 | 130    | 117   | 105    | 95  | 85     |
| -13.75° | 262    | 231 | 206    | 183   | 162    | 143 | 127    | 114   | 102    | 93  | 83     |
| -15°    | 250    | 221 | 198    | 175   | 156    | 137 | 123    | 110   | 100    | 90  | 81     |
| -16.25° | 238    | 212 | 189    | 168   | 149    | 131 | 119    | 107   | 97     | 87  | 79     |
| -17.5°  | 225    | 202 | 180    | 161   | 142    | 127 | 115    | 103   | 94     | 85  | 76     |
| -18.75° | 214    | 192 | 171    | 153   | 135    | 122 | 110    | 100   | 91     | 82  | 74     |
| -20°    | 203    | 181 | 162    | 145   | 129    | 117 | 106    | 96    | 87     | 79  | 71     |
| -21.25° | 191    | 171 | 153    | 136   | 124    | 112 | 102    | 93    | 84     | 76  | 68     |



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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°  | 178    | 161 | 144    | 129   | 118    | 107 | 98     | 89    | 81     | 73  | 65     |
| -23.75° | 167    | 151 | 134    | 123   | 112    | 102 | 93     | 85    | 77     | 70  | 62     |
| -25°    | 156    | 140 | 127    | 117   | 106    | 97  | 89     | 81    | 74     | 66  | 59     |
| -26.25° | 145    | 131 | 120    | 110   | 101    | 93  | 84     | 77    | 70     | 63  | 56     |
| -27.5°  | 133    | 123 | 113    | 104   | 96     | 88  | 80     | 73    | 66     | 59  | 52     |
| -28.75° | 125    | 116 | 106    | 98    | 91     | 83  | 76     | 69    | 63     | 56  | 48     |
| -30°    | 117    | 108 | 100    | 93    | 85     | 79  | 72     | 65    | 59     | 52  | 44     |
| -31.25° | 109    | 101 | 94     | 87    | 80     | 74  | 67     | 61    | 54     | 47  | 40     |
| -32.5°  | 102    | 95  | 88     | 82    | 75     | 69  | 63     | 57    | 50     | 43  | 35     |
| -33.75° | 95     | 89  | 82     | 77    | 71     | 64  | 58     | 52    | 45     | 38  | 31     |
| -35°    | 89     | 83  | 77     | 71    | 65     | 60  | 54     | 47    | 40     | 33  | 26     |
| -36.25° | 82     | 77  | 72     | 66    | 60     | 55  | 49     | 42    | 35     | 28  | 20     |
| -37.5°  | 77     | 71  | 66     | 61    | 55     | 49  | 43     | 36    | 30     | 22  | 15     |
| -38.75° | 71     | 65  | 60     | 55    | 50     | 43  | 37     | 31    | 24     | 17  | 9      |
| -40°    | 64     | 60  | 55     | 49    | 43     | 37  | 31     | 25    | 18     | 11  | 8      |
| -41.25° | 58     | 54  | 49     | 43    | 37     | 31  | 25     | 18    | 12     | 8   | 7      |
| -42.5°  | 52     | 47  | 42     | 36    | 31     | 25  | 18     | 12    | 8      | 7   | 7      |
| -43.75° | 45     | 40  | 35     | 30    | 24     | 18  | 12     | 8     | 7      | 7   | 6      |
| -45°    | 38     | 33  | 28     | 22    | 17     | 11  | 8      | 7     | 7      | 6   | 6      |
| -46.25° | 31     | 26  | 20     | 15    | 9      | 8   | 7      | 7     | 6      | 6   | 6      |
| -47.5°  | 23     | 18  | 13     | 8     | 8      | 7   | 7      | 6     | 6      | 6   | 5      |
| -48.75° | 15     | 10  | 8      | 7     | 7      | 6   | 6      | 6     | 6      | 5   | 5      |
| -50°    | 8      | 8   | 7      | 7     | 6      | 6   | 6      | 6     | 5      | 5   | 5      |
| -51.25° | 7      | 7   | 6      | 6     | 6      | 6   | 5      | 5     | 5      | 5   | 5      |
| -52.5°  | 7      | 6   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 5   | 5      |
| -53.75° | 6      | 6   | 6      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      |
| -55°    | 6      | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5      |
| -56.25° | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 5      | 4   | 4      |
| -57.5°  | 5      | 5   | 5      | 5     | 5      | 5   | 5      | 5     | 4      | 4   | 4      |
| -58.75° | 5      | 5   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 4      |
| -60°    | 5      | 5   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 4   | 4      |
| -61.25° | 5      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      |
| -62.5°  | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      |
| -63.75° | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 3   | 3      |
| -65°    | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 3      |
| -66.25° | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 3      | 3   | 3      |
| -67.5°  | 4      | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 2   | 2      |
| -68.75° | 3      | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      |
| -70°    | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2      |
| -71.25° | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      |
| -72.5°  | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -73.75° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -75°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -76.25° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -77.5°  | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |



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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° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -80°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -81.25° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -82.5°  | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -83.75° | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      |
| -85°    | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 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° | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 82.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   |
| 81.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 80°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 78.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 77.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 76.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 75°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 73.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 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° | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 67.5°  | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| 66.25° | 2     | 2      | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   |
| 65°    | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 1   |
| 63.75° | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 1      | 1   |
| 62.5°  | 3     | 3      | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 2      | 1   |
| 61.25° | 4     | 4      | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   |
| 60°    | 4     | 4      | 4   | 3      | 3     | 3      | 3   | 3      | 2     | 2      | 2   |
| 58.75° | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 2      | 2   |
| 57.5°  | 4     | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 3      | 2   |
| 56.25° | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 3   |
| 55°    | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   |
| 53.75° | 5     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 3      | 3   |
| 52.5°  | 5     | 5      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 3   |
| 51.25° | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 3   |
| 50°    | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 4     | 4      | 4   |
| 48.75° | 5     | 5      | 5   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 4   |
| 47.5°  | 5     | 5      | 5   | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 4   |
| 46.25° | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   |
| 45°    | 6     | 5      | 5   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   |
| 43.75° | 6     | 6      | 5   | 5      | 5     | 5      | 5   | 5      | 4     | 4      | 4   |
| 42.5°  | 6     | 6      | 6   | 5      | 5     | 5      | 5   | 5      | 5     | 4      | 4   |
| 41.25° | 7     | 6      | 6   | 5      | 5     | 5      | 5   | 5      | 5     | 4      | 4   |
| 40°    | 7     | 6      | 6   | 6      | 5     | 5      | 5   | 5      | 5     | 5      | 4   |
| 38.75° | 8     | 7      | 6   | 6      | 6     | 5      | 5   | 5      | 5     | 5      | 4   |
| 37.5°  | 8     | 7      | 7   | 6      | 6     | 5      | 5   | 5      | 5     | 5      | 5   |
| 36.25° | 13    | 8      | 7   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 5   |
| 35°    | 18    | 10     | 8   | 7      | 6     | 6      | 5   | 5      | 5     | 5      | 5   |



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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°  | 23    | 15     | 8   | 7      | 7     | 6      | 6   | 5      | 5     | 5      | 5   |
| 32.5°   | 28    | 20     | 11  | 8      | 7     | 6      | 6   | 5      | 5     | 5      | 5   |
| 31.25°  | 32    | 24     | 16  | 8      | 7     | 7      | 6   | 6      | 5     | 5      | 5   |
| 30°     | 37    | 29     | 20  | 11     | 8     | 7      | 6   | 6      | 5     | 5      | 5   |
| 28.75°  | 41    | 33     | 24  | 15     | 8     | 7      | 6   | 6      | 5     | 5      | 5   |
| 27.5°   | 44    | 36     | 28  | 19     | 10    | 8      | 7   | 6      | 6     | 5      | 5   |
| 26.25°  | 48    | 40     | 32  | 23     | 13    | 8      | 7   | 6      | 6     | 5      | 5   |
| 25°     | 52    | 44     | 35  | 26     | 17    | 8      | 7   | 6      | 6     | 5      | 5   |
| 23.75°  | 55    | 47     | 38  | 30     | 20    | 11     | 8   | 7      | 6     | 6      | 5   |
| 22.5°   | 58    | 50     | 41  | 33     | 23    | 14     | 8   | 7      | 6     | 6      | 5   |
| 21.25°  | 61    | 53     | 44  | 36     | 26    | 17     | 8   | 7      | 6     | 6      | 5   |
| 20°     | 63    | 55     | 47  | 38     | 29    | 19     | 9   | 7      | 6     | 6      | 5   |
| 18.75°  | 66    | 58     | 50  | 41     | 32    | 22     | 12  | 8      | 7     | 6      | 6   |
| 17.5°   | 68    | 60     | 52  | 43     | 34    | 24     | 14  | 8      | 7     | 6      | 6   |
| 16.25°  | 71    | 62     | 54  | 45     | 36    | 27     | 16  | 8      | 7     | 6      | 6   |
| 15°     | 73    | 64     | 56  | 48     | 38    | 29     | 18  | 8      | 7     | 6      | 6   |
| 13.75°  | 75    | 66     | 58  | 49     | 40    | 31     | 20  | 10     | 7     | 6      | 6   |
| 12.5°   | 76    | 68     | 60  | 51     | 42    | 32     | 22  | 11     | 8     | 7      | 6   |
| 11.25°  | 78    | 70     | 61  | 53     | 43    | 34     | 23  | 13     | 8     | 7      | 6   |
| 10°     | 80    | 71     | 62  | 54     | 45    | 35     | 25  | 14     | 8     | 7      | 6   |
| 8.75°   | 81    | 72     | 64  | 55     | 46    | 36     | 26  | 15     | 8     | 7      | 6   |
| 7.5°    | 82    | 73     | 65  | 56     | 47    | 37     | 27  | 16     | 8     | 7      | 6   |
| 6.25°   | 83    | 74     | 65  | 57     | 48    | 38     | 28  | 17     | 8     | 7      | 6   |
| 5°      | 84    | 75     | 66  | 57     | 49    | 39     | 29  | 18     | 8     | 7      | 6   |
| 3.75°   | 84    | 76     | 67  | 58     | 49    | 39     | 29  | 18     | 8     | 7      | 6   |
| 2.5°    | 85    | 76     | 67  | 58     | 50    | 40     | 30  | 19     | 8     | 7      | 6   |
| 1.25°   | 85    | 76     | 67  | 59     | 50    | 40     | 30  | 19     | 8     | 7      | 6   |
| 0°      | 85    | 76     | 67  | 59     | 50    | 40     | 30  | 19     | 8     | 7      | 6   |
| -1.25°  | 85    | 76     | 67  | 59     | 50    | 40     | 30  | 19     | 8     | 7      | 6   |
| -2.5°   | 85    | 76     | 67  | 58     | 50    | 40     | 30  | 19     | 8     | 7      | 6   |
| -3.75°  | 84    | 76     | 67  | 58     | 49    | 39     | 29  | 18     | 8     | 7      | 6   |
| -5°     | 84    | 75     | 66  | 57     | 49    | 39     | 29  | 18     | 8     | 7      | 6   |
| -6.25°  | 83    | 74     | 65  | 57     | 48    | 38     | 28  | 17     | 8     | 7      | 6   |
| -7.5°   | 82    | 73     | 65  | 56     | 47    | 37     | 27  | 16     | 8     | 7      | 6   |
| -8.75°  | 81    | 72     | 64  | 55     | 46    | 36     | 26  | 15     | 8     | 7      | 6   |
| -10°    | 80    | 71     | 62  | 54     | 45    | 35     | 25  | 14     | 8     | 7      | 6   |
| -11.25° | 78    | 70     | 61  | 53     | 43    | 34     | 23  | 13     | 8     | 7      | 6   |
| -12.5°  | 76    | 68     | 60  | 51     | 42    | 32     | 22  | 11     | 8     | 7      | 6   |
| -13.75° | 75    | 66     | 58  | 49     | 40    | 31     | 20  | 10     | 7     | 6      | 6   |
| -15°    | 73    | 64     | 56  | 48     | 38    | 29     | 18  | 8      | 7     | 6      | 6   |
| -16.25° | 71    | 62     | 54  | 45     | 36    | 27     | 16  | 8      | 7     | 6      | 6   |
| -17.5°  | 68    | 60     | 52  | 43     | 34    | 24     | 14  | 8      | 7     | 6      | 6   |
| -18.75° | 66    | 58     | 50  | 41     | 32    | 22     | 12  | 8      | 7     | 6      | 6   |
| -20°    | 63    | 55     | 47  | 38     | 29    | 19     | 9   | 7      | 6     | 6      | 5   |
| -21.25° | 61    | 53     | 44  | 36     | 26    | 17     | 8   | 7      | 6     | 6      | 5   |





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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° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -22.5°  | 58    | 50     | 41  | 33     | 23    | 14     | 8   | 7      | 6     | 6      | 5   |
| -23.75° | 55    | 47     | 38  | 30     | 20    | 11     | 8   | 7      | 6     | 6      | 5   |
| -25°    | 52    | 44     | 35  | 26     | 17    | 8      | 7   | 6      | 6     | 5      | 5   |
| -26.25° | 48    | 40     | 32  | 23     | 13    | 8      | 7   | 6      | 6     | 5      | 5   |
| -27.5°  | 44    | 36     | 28  | 19     | 10    | 8      | 7   | 6      | 6     | 5      | 5   |
| -28.75° | 41    | 33     | 24  | 15     | 8     | 7      | 6   | 6      | 5     | 5      | 5   |
| -30°    | 37    | 29     | 20  | 11     | 8     | 7      | 6   | 6      | 5     | 5      | 5   |
| -31.25° | 32    | 24     | 16  | 8      | 7     | 7      | 6   | 6      | 5     | 5      | 5   |
| -32.5°  | 28    | 20     | 11  | 8      | 7     | 6      | 6   | 5      | 5     | 5      | 5   |
| -33.75° | 23    | 15     | 8   | 7      | 7     | 6      | 6   | 5      | 5     | 5      | 5   |
| -35°    | 18    | 10     | 8   | 7      | 6     | 6      | 5   | 5      | 5     | 5      | 5   |
| -36.25° | 13    | 8      | 7   | 6      | 6     | 6      | 5   | 5      | 5     | 5      | 5   |
| -37.5°  | 8     | 7      | 7   | 6      | 6     | 5      | 5   | 5      | 5     | 5      | 5   |
| -38.75° | 8     | 7      | 6   | 6      | 6     | 5      | 5   | 5      | 5     | 5      | 4   |
| -40°    | 7     | 6      | 6   | 6      | 5     | 5      | 5   | 5      | 5     | 5      | 4   |
| -41.25° | 7     | 6      | 6   | 5      | 5     | 5      | 5   | 5      | 5     | 4      | 4   |
| -42.5°  | 6     | 6      | 6   | 5      | 5     | 5      | 5   | 5      | 5     | 4      | 4   |
| -43.75° | 6     | 6      | 5   | 5      | 5     | 5      | 5   | 5      | 4     | 4      | 4   |
| -45°    | 6     | 5      | 5   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   |
| -46.25° | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   |
| -47.5°  | 5     | 5      | 5   | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 4   |
| -48.75° | 5     | 5      | 5   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 4   |
| -50°    | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 4     | 4      | 4   |
| -51.25° | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 3   |
| -52.5°  | 5     | 5      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 4      | 3   |
| -53.75° | 5     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 4     | 3      | 3   |
| -55°    | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   |
| -56.25° | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 3   |
| -57.5°  | 4     | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 3     | 3      | 2   |
| -58.75° | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 2      | 2   |
| -60°    | 4     | 4      | 4   | 3      | 3     | 3      | 3   | 3      | 2     | 2      | 2   |
| -61.25° | 4     | 4      | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   |
| -62.5°  | 3     | 3      | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 2      | 1   |
| -63.75° | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 1      | 1   |
| -65°    | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 1   |
| -66.25° | 2     | 2      | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   |
| -67.5°  | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -68.75° | 2     | 2      | 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° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -75°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -76.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -77.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 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° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -78.75° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -80°    | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -81.25° | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   |
| -82.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   |
| -83.75° | 1     | 1      | 1   | 1      | 1     | 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):**

|        | 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° | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 80°    | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      |
| 78.75° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| 77.5°  | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |
| 76.25° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 75°    | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 73.75° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 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° | 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°    | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 58.75° | 2      | 2     | 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      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 55°    | 3      | 2     | 2      | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 53.75° | 3      | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      |
| 52.5°  | 3      | 3     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      |
| 51.25° | 3      | 3     | 3      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      |
| 50°    | 3      | 3     | 3      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      |
| 48.75° | 4      | 3     | 3      | 3   | 2      | 2     | 2      | 1   | 1      | 1     | 1      |
| 47.5°  | 4      | 3     | 3      | 3   | 2      | 2     | 2      | 1   | 1      | 1     | 1      |
| 46.25° | 4      | 4     | 3      | 3   | 3      | 2     | 2      | 2   | 1      | 1     | 1      |
| 45°    | 4      | 4     | 3      | 3   | 3      | 2     | 2      | 2   | 1      | 1     | 1      |
| 43.75° | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   | 1      | 1     | 1      |
| 42.5°  | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   | 2      | 1     | 1      |
| 41.25° | 4      | 4     | 4      | 4   | 3      | 3     | 2      | 2   | 2      | 1     | 1      |
| 40°    | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 2   | 2      | 1     | 1      |
| 38.75° | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 2   | 2      | 1     | 1      |
| 37.5°  | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 2   | 2      | 2     | 1      |
| 36.25° | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 2      | 2     | 1      |
| 35°    | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 2      | 2     | 1      |



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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°  | 5      | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 2      | 2     | 1      |
| 32.5°   | 5      | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 2      | 2     | 2      |
| 31.25°  | 5      | 5     | 4      | 4   | 4      | 4     | 3      | 3   | 2      | 2     | 2      |
| 30°     | 5      | 5     | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 2     | 2      |
| 28.75°  | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| 27.5°   | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| 26.25°  | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| 25°     | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| 23.75°  | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| 22.5°   | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 21.25°  | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 20°     | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 18.75°  | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 17.5°   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 16.25°  | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 15°     | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 13.75°  | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 12.5°   | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| 11.25°  | 5      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 2      |
| 10°     | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 2      |
| 8.75°   | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| 7.5°    | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| 6.25°   | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| 5°      | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| 3.75°   | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| 2.5°    | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| 1.25°   | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| 0°      | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| -1.25°  | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| -2.5°   | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| -3.75°  | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| -5°     | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| -6.25°  | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| -7.5°   | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| -8.75°  | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 3      |
| -10°    | 6      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 4      | 3     | 2      |
| -11.25° | 5      | 5     | 5      | 5   | 5      | 4     | 4      | 4   | 3      | 3     | 2      |
| -12.5°  | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| -13.75° | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| -15°    | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| -16.25° | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| -17.5°  | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| -18.75° | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| -20°    | 5      | 5     | 5      | 5   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| -21.25° | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |



REPORT NUMBER: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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°  | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 4   | 3      | 3     | 2      |
| -23.75° | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| -25°    | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| -26.25° | 5      | 5     | 5      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| -27.5°  | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| -28.75° | 5      | 5     | 4      | 4   | 4      | 4     | 4      | 3   | 3      | 2     | 2      |
| -30°    | 5      | 5     | 4      | 4   | 4      | 4     | 3      | 3   | 3      | 2     | 2      |
| -31.25° | 5      | 5     | 4      | 4   | 4      | 4     | 3      | 3   | 2      | 2     | 2      |
| -32.5°  | 5      | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 2      | 2     | 2      |
| -33.75° | 5      | 4     | 4      | 4   | 4      | 4     | 3      | 3   | 2      | 2     | 1      |
| -35°    | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 2      | 2     | 1      |
| -36.25° | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 3   | 2      | 2     | 1      |
| -37.5°  | 4      | 4     | 4      | 4   | 4      | 3     | 3      | 2   | 2      | 2     | 1      |
| -38.75° | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 2   | 2      | 1     | 1      |
| -40°    | 4      | 4     | 4      | 4   | 3      | 3     | 3      | 2   | 2      | 1     | 1      |
| -41.25° | 4      | 4     | 4      | 4   | 3      | 3     | 2      | 2   | 2      | 1     | 1      |
| -42.5°  | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   | 2      | 1     | 1      |
| -43.75° | 4      | 4     | 4      | 3   | 3      | 3     | 2      | 2   | 1      | 1     | 1      |
| -45°    | 4      | 4     | 3      | 3   | 3      | 2     | 2      | 2   | 1      | 1     | 1      |
| -46.25° | 4      | 4     | 3      | 3   | 3      | 2     | 2      | 2   | 1      | 1     | 1      |
| -47.5°  | 4      | 3     | 3      | 3   | 2      | 2     | 2      | 1   | 1      | 1     | 1      |
| -48.75° | 4      | 3     | 3      | 3   | 2      | 2     | 2      | 1   | 1      | 1     | 1      |
| -50°    | 3      | 3     | 3      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      |
| -51.25° | 3      | 3     | 3      | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      |
| -52.5°  | 3      | 3     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      |
| -53.75° | 3      | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      |
| -55°    | 3      | 2     | 2      | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -56.25° | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -57.5°  | 2      | 2     | 2      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -58.75° | 2      | 2     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -60°    | 2      | 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      | 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° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -75°    | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -76.25° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -77.5°  | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      |



REPORT NUMBER: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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° | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      |
| -80°    | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      |
| -81.25° | 1      | 1     | 1      | 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: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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°    | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 73.75° | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 72.5°  | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 71.25° | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 70°    | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 68.75° | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 67.5°  | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     |
| 66.25° | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     |
| 65°    | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     |
| 63.75° | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     |
| 62.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     |
| 61.25° | 1   | 1      | 1     | 1      | 1   | 1      | 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     | 0      | 0   | 0      | 0     |
| 56.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     |
| 55°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     |
| 53.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     |
| 52.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 51.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 50°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 48.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 47.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 46.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 45°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 43.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 42.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 41.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 40°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 38.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 37.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 36.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 35°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |



REPORT NUMBER: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 32.5°   | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 31.25°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 30°     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 28.75°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 27.5°   | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 26.25°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 25°     | 1   | 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   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 20°     | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 18.75°  | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 17.5°   | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 16.25°  | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 15°     | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 13.75°  | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 12.5°   | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 11.25°  | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 10°     | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 8.75°   | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 7.5°    | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 6.25°   | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 5°      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 3.75°   | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 2.5°    | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 1.25°   | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| 0°      | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1      | 0     |
| -1.25°  | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -2.5°   | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -3.75°  | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -5°     | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -6.25°  | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -7.5°   | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -8.75°  | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -10°    | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -11.25° | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -12.5°  | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -13.75° | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -15°    | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -16.25° | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -17.5°  | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -18.75° | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -20°    | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -21.25° | 2   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |





REPORT NUMBER: P220636 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-WT-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°  | 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°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -26.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -27.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -28.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -30°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -31.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -32.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -33.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -35°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -36.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -37.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -38.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -40°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -41.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 0      | 0     |
| -42.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -43.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -45°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -46.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -47.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -48.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -50°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -51.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -52.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -53.75° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     |
| -55°    | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     |
| -56.25° | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     |
| -57.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 0      | 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   | 1      | 0     | 0      | 0   | 0      | 0     |
| -62.5°  | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     |
| -63.75° | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     |
| -65°    | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     |
| -66.25° | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     |
| -67.5°  | 1   | 1      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     |
| -68.75° | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -70°    | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -71.25° | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -72.5°  | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -73.75° | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -75°    | 1   | 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)