

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: P247032 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED2736-12-CS-DIFF**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P247032 (CONVERTED FROM TYPE C PHOTOMETRY)  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-44)  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 203-8LED2736-12-CS-DIFF  
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 36 DEGREE WIDE OPTIC,  
REGRESSED HOOD SILVER, DIFFUSED LENS  
Light Source: (1) SORAA 2700K 90 CRI LED  
SM16-07-36D-927-03  
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

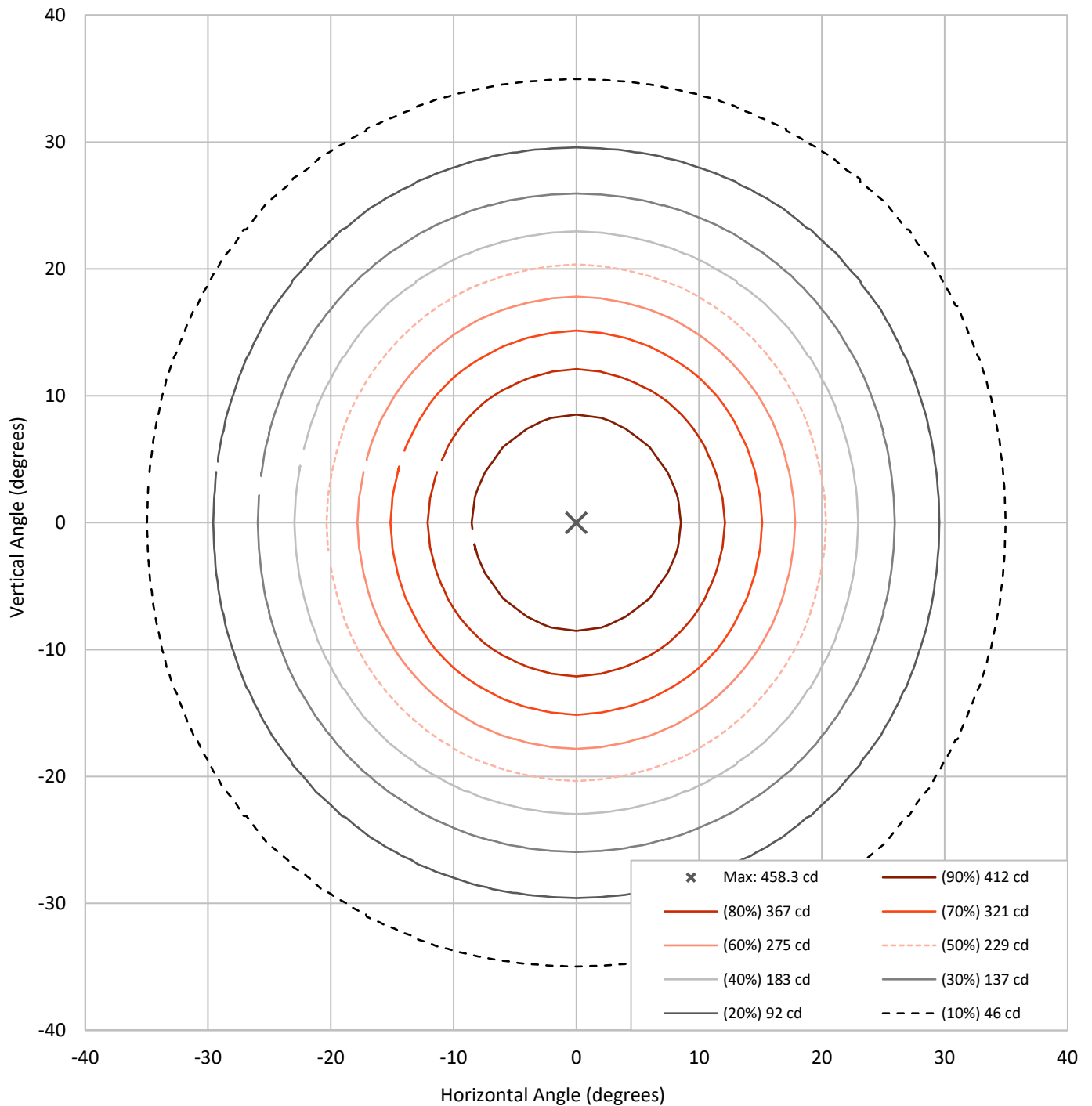
**Summary**

|                                   |                               |                      |                 |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                           | NEMA Type:           | 4H x 4V         |
| Luminaire Lumens:                 | 245 lumens                    | Max Intensity:       | 458.3 candela   |
| Efficiency:                       | N/A                           | Max Intensity Angle: | 0°H x 0°V       |
| Efficacy:                         | 31.8 lumens/watt              |                      |                 |
| Luminous Opening:                 | Circular (Dia: 0.17' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 40.7°H x 40.7°V               | Field Angle (10%):   | 69.7°H x 69.7°V |
| Beam Lumens:                      | 131.3 lumens                  | Field Lumens:        | 217.2 lumens    |
| Beam Efficiency:                  | 53.6%                         | Field Efficiency:    | 88.7%           |
| Input Watts (W):                  | 7.7                           |                      |                 |
| Input Voltage (V):                | NR                            |                      |                 |
| Input Current (Ain):              | NR                            |                      |                 |
| Voltage Rise (V):                 | NR                            |                      |                 |
| Power Factor:                     | NR                            |                      |                 |
| Total Harmonic Distortion (THDi): | NR                            |                      |                 |
| Frequency (hertz):                | 60                            |                      |                 |
| Stabilization Time:               | NR                            |                      |                 |
| Operation Time:                   | NR                            |                      |                 |
| Ambient Temperature (°C):         | NR                            |                      |                 |
| Test Distance:                    | 25 FT                         |                      |                 |



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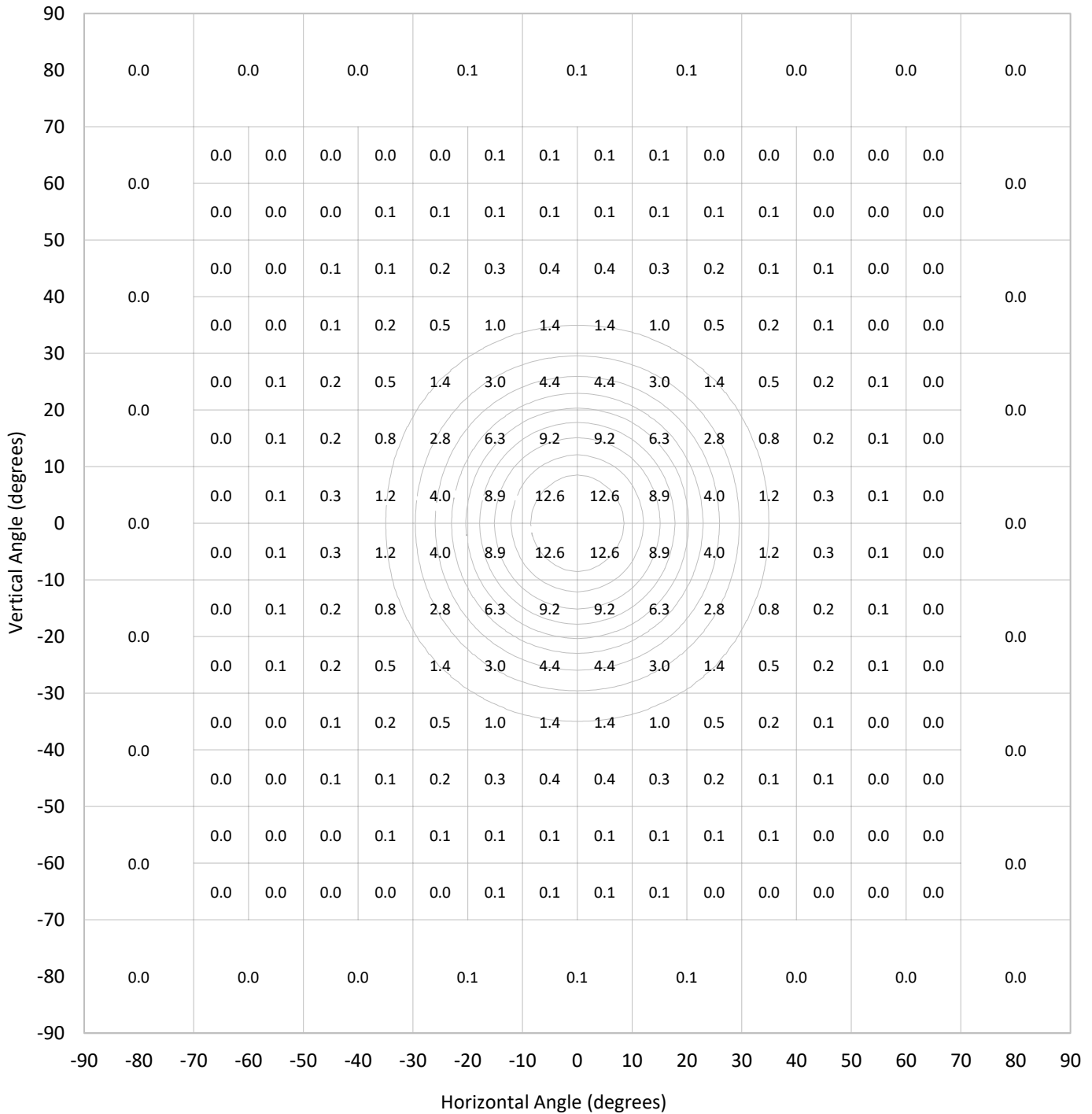
### Iso-Candela Plot





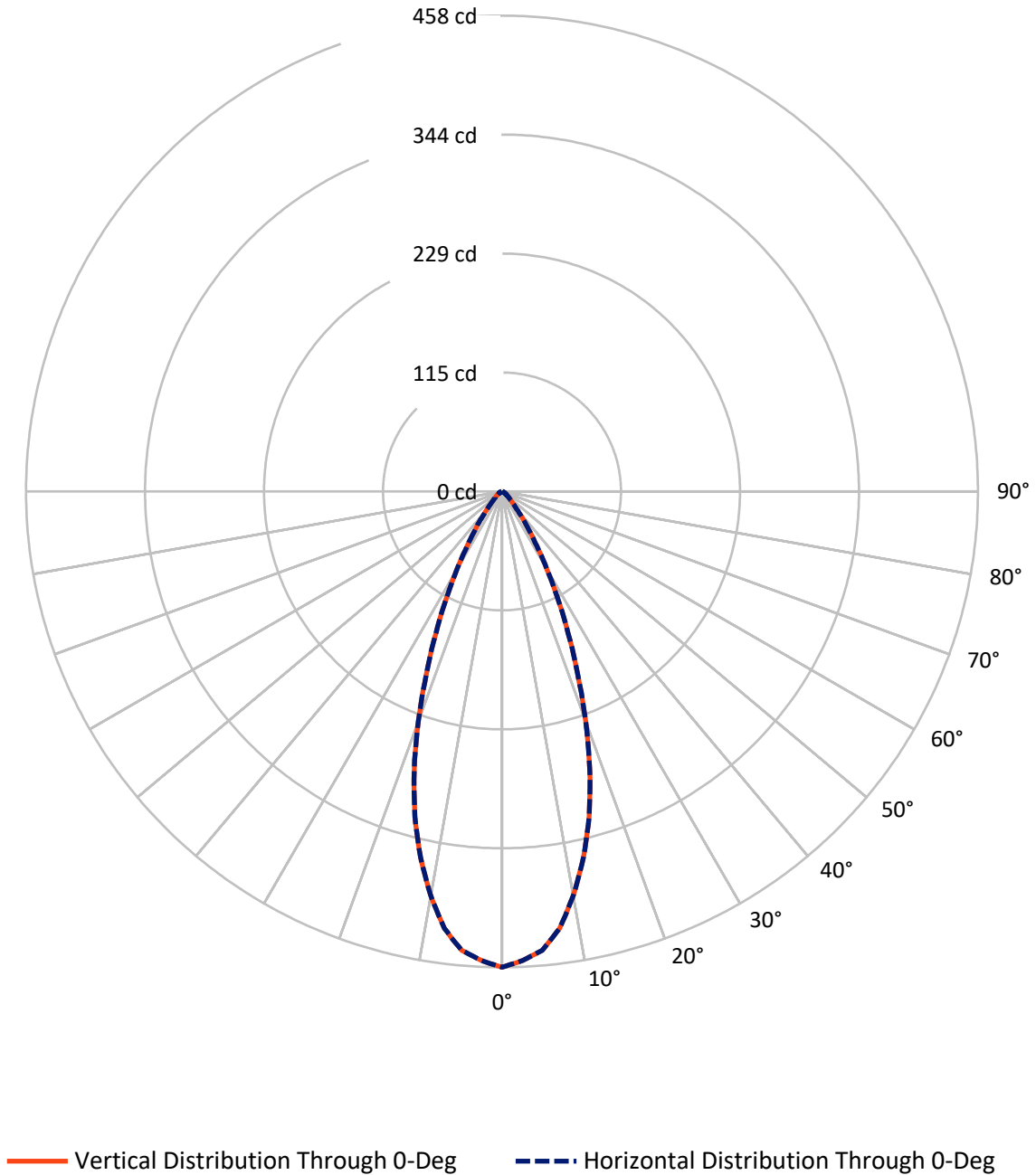
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### Lumen Table



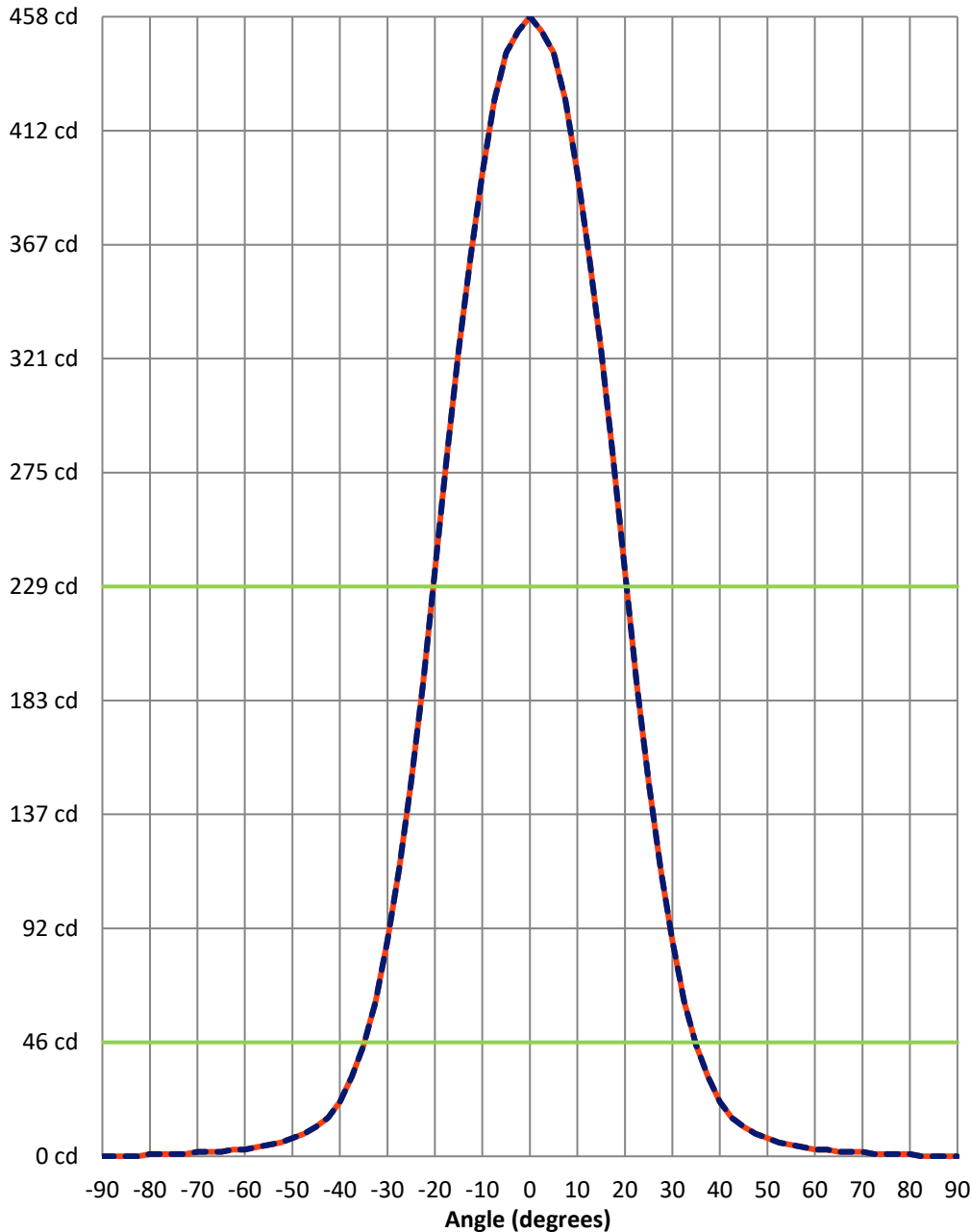
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 40.7°  
V Angle: 40.7°  
Lumens: 131.3  
Efficiency: 53.6%

**Field:**  
H Angle: 69.7°  
V Angle: 69.7°  
Lumens: 217.2  
Efficiency: 88.7%

**Spill:**  
Lumens: 27.8  
Efficiency: 11.3%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 87.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 85°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 82.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 80°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 77.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 75°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 72.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 70°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 67.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    |
| 65°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    |
| 62.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    |
| 60°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    |
| 57.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    |
| 55°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    |
| 52.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| 50°    | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| 47.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| 45°    | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| 42.5°  | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    |
| 40°    | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    |
| 37.5°  | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 2    |
| 35°    | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 2    |
| 32.5°  | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 2    |
| 30°    | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 2      | 2    |
| 27.5°  | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 2      | 2    |
| 25°    | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| 22.5°  | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| 20°    | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| 17.5°  | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| 15°    | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| 12.5°  | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| 10°    | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| 7.5°   | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| 5°     | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| 2.5°   | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| 0°     | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| -2.5°  | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| -5°    | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| -7.5°  | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| -10°   | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| -12.5° | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| -15°   | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| -17.5° | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| -20°   | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |



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**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| -25°   | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 2      | 2    |
| -27.5° | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 2      | 2    |
| -30°   | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 2      | 2    |
| -32.5° | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 2    |
| -35°   | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 2    |
| -37.5° | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 2    |
| -40°   | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    |
| -42.5° | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    |
| -45°   | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| -47.5° | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| -50°   | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| -52.5° | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    |
| -55°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    |
| -57.5° | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    |
| -60°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    |
| -62.5° | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    | 1      | 1    |
| -65°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    |
| -67.5° | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 1    |
| -70°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| -72.5° | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| -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    |
| -80°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| -82.5° | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| -85°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| -87.5° | 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: P247032 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-DIFF

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 90°    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 87.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 85°    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 82.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 80°    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| 77.5°  | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      |
| 75°    | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| 72.5°  | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| 70°    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| 67.5°  | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| 65°    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 2      |
| 62.5°  | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 2      | 2    | 2      |
| 60°    | 1      | 1    | 1      | 1    | 1      | 1    | 2      | 2    | 2      | 2    | 2      |
| 57.5°  | 1      | 1    | 1      | 1    | 1      | 2    | 2      | 2    | 2      | 2    | 2      |
| 55°    | 1      | 1    | 1      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 3      |
| 52.5°  | 1      | 1    | 1      | 2    | 2      | 2    | 2      | 2    | 2      | 3    | 3      |
| 50°    | 1      | 1    | 2      | 2    | 2      | 2    | 2      | 3    | 3      | 3    | 3      |
| 47.5°  | 1      | 2    | 2      | 2    | 2      | 2    | 3      | 3    | 3      | 3    | 4      |
| 45°    | 1      | 2    | 2      | 2    | 2      | 3    | 3      | 3    | 3      | 4    | 4      |
| 42.5°  | 2      | 2    | 2      | 2    | 2      | 3    | 3      | 3    | 4      | 4    | 5      |
| 40°    | 2      | 2    | 2      | 2    | 3      | 3    | 3      | 4    | 4      | 5    | 5      |
| 37.5°  | 2      | 2    | 2      | 3    | 3      | 3    | 4      | 4    | 5      | 5    | 7      |
| 35°    | 2      | 2    | 2      | 3    | 3      | 3    | 4      | 5    | 5      | 6    | 8      |
| 32.5°  | 2      | 2    | 3      | 3    | 3      | 4    | 5      | 5    | 6      | 7    | 9      |
| 30°    | 2      | 2    | 3      | 3    | 3      | 4    | 5      | 6    | 7      | 8    | 10     |
| 27.5°  | 2      | 2    | 3      | 3    | 4      | 5    | 5      | 6    | 8      | 9    | 12     |
| 25°    | 2      | 3    | 3      | 3    | 4      | 5    | 6      | 7    | 9      | 11   | 13     |
| 22.5°  | 2      | 3    | 3      | 3    | 4      | 5    | 6      | 8    | 10     | 12   | 15     |
| 20°    | 2      | 3    | 3      | 4    | 5      | 5    | 7      | 8    | 11     | 13   | 17     |
| 17.5°  | 2      | 3    | 3      | 4    | 5      | 6    | 7      | 9    | 12     | 15   | 20     |
| 15°    | 2      | 3    | 3      | 4    | 5      | 6    | 8      | 10   | 12     | 16   | 22     |
| 12.5°  | 2      | 3    | 3      | 4    | 5      | 6    | 8      | 10   | 13     | 18   | 25     |
| 10°    | 3      | 3    | 3      | 4    | 5      | 7    | 9      | 11   | 14     | 19   | 27     |
| 7.5°   | 3      | 3    | 4      | 4    | 5      | 7    | 9      | 11   | 15     | 20   | 29     |
| 5°     | 3      | 3    | 4      | 5    | 5      | 7    | 9      | 12   | 15     | 21   | 31     |
| 2.5°   | 3      | 3    | 4      | 5    | 5      | 7    | 9      | 12   | 15     | 22   | 32     |
| 0°     | 3      | 3    | 4      | 5    | 6      | 7    | 9      | 12   | 16     | 22   | 32     |
| -2.5°  | 3      | 3    | 4      | 5    | 5      | 7    | 9      | 12   | 15     | 22   | 32     |
| -5°    | 3      | 3    | 4      | 5    | 5      | 7    | 9      | 12   | 15     | 21   | 31     |
| -7.5°  | 3      | 3    | 4      | 4    | 5      | 7    | 9      | 11   | 15     | 20   | 29     |
| -10°   | 3      | 3    | 3      | 4    | 5      | 7    | 9      | 11   | 14     | 19   | 27     |
| -12.5° | 2      | 3    | 3      | 4    | 5      | 6    | 8      | 10   | 13     | 18   | 25     |
| -15°   | 2      | 3    | 3      | 4    | 5      | 6    | 8      | 10   | 12     | 16   | 22     |
| -17.5° | 2      | 3    | 3      | 4    | 5      | 6    | 7      | 9    | 12     | 15   | 20     |
| -20°   | 2      | 3    | 3      | 4    | 5      | 5    | 7      | 8    | 11     | 13   | 17     |



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**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| -22.5° | 2      | 3    | 3      | 3    | 4      | 5    | 6      | 8    | 10     | 12   | 15     |
| -25°   | 2      | 3    | 3      | 3    | 4      | 5    | 6      | 7    | 9      | 11   | 13     |
| -27.5° | 2      | 2    | 3      | 3    | 4      | 5    | 5      | 6    | 8      | 9    | 12     |
| -30°   | 2      | 2    | 3      | 3    | 3      | 4    | 5      | 6    | 7      | 8    | 10     |
| -32.5° | 2      | 2    | 3      | 3    | 3      | 4    | 5      | 5    | 6      | 7    | 9      |
| -35°   | 2      | 2    | 2      | 3    | 3      | 3    | 4      | 5    | 5      | 6    | 8      |
| -37.5° | 2      | 2    | 2      | 3    | 3      | 3    | 4      | 4    | 5      | 5    | 7      |
| -40°   | 2      | 2    | 2      | 2    | 3      | 3    | 3      | 4    | 4      | 5    | 5      |
| -42.5° | 2      | 2    | 2      | 2    | 2      | 3    | 3      | 3    | 4      | 4    | 5      |
| -45°   | 1      | 2    | 2      | 2    | 2      | 3    | 3      | 3    | 3      | 4    | 4      |
| -47.5° | 1      | 2    | 2      | 2    | 2      | 2    | 3      | 3    | 3      | 3    | 4      |
| -50°   | 1      | 1    | 2      | 2    | 2      | 2    | 2      | 3    | 3      | 3    | 3      |
| -52.5° | 1      | 1    | 1      | 2    | 2      | 2    | 2      | 2    | 2      | 3    | 3      |
| -55°   | 1      | 1    | 1      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 3      |
| -57.5° | 1      | 1    | 1      | 1    | 1      | 2    | 2      | 2    | 2      | 2    | 2      |
| -60°   | 1      | 1    | 1      | 1    | 1      | 1    | 2      | 2    | 2      | 2    | 2      |
| -62.5° | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 2      | 2    | 2      |
| -65°   | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 2      |
| -67.5° | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| -70°   | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| -72.5° | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| -75°   | 0      | 0    | 0      | 0    | 1      | 1    | 1      | 1    | 1      | 1    | 1      |
| -77.5° | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 1      | 1    | 1      |
| -80°   | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| -82.5° | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| -85°   | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      |
| -87.5° | 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° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 87.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 85°    | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 82.5°  | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| 80°    | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 1      | 1    |
| 77.5°  | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    |
| 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    |
| 70°    | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| 67.5°  | 1    | 1      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| 65°    | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| 62.5°  | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 3    |
| 60°    | 2    | 2      | 2    | 2      | 3    | 3      | 3    | 3      | 3    | 3      | 3    |
| 57.5°  | 2    | 3      | 3    | 3      | 3    | 3      | 3    | 3      | 3    | 3      | 3    |
| 55°    | 3    | 3      | 3    | 3      | 3    | 3      | 4    | 4      | 4    | 4      | 4    |
| 52.5°  | 3    | 3      | 3    | 4      | 4    | 4      | 5    | 5      | 5    | 5      | 5    |
| 50°    | 3    | 4      | 4    | 5      | 5    | 5      | 5    | 6      | 6    | 6      | 7    |
| 47.5°  | 4    | 5      | 5    | 5      | 6    | 6      | 7    | 7      | 8    | 8      | 9    |
| 45°    | 5    | 5      | 6    | 6      | 7    | 8      | 8    | 9      | 10   | 10     | 11   |
| 42.5°  | 5    | 6      | 7    | 8      | 9    | 10     | 11   | 12     | 12   | 13     | 14   |
| 40°    | 6    | 7      | 8    | 9      | 11   | 12     | 13   | 15     | 16   | 18     | 19   |
| 37.5°  | 8    | 9      | 10   | 12     | 13   | 15     | 17   | 20     | 22   | 25     | 27   |
| 35°    | 9    | 10     | 12   | 14     | 17   | 20     | 23   | 27     | 31   | 35     | 38   |
| 32.5°  | 10   | 12     | 15   | 18     | 22   | 27     | 32   | 37     | 42   | 48     | 53   |
| 30°    | 12   | 15     | 18   | 23     | 29   | 35     | 42   | 49     | 57   | 64     | 72   |
| 27.5°  | 14   | 18     | 23   | 30     | 37   | 45     | 55   | 65     | 76   | 87     | 96   |
| 25°    | 17   | 22     | 29   | 37     | 46   | 58     | 71   | 85     | 99   | 112    | 125  |
| 22.5°  | 20   | 27     | 35   | 45     | 58   | 73     | 89   | 107    | 125  | 142    | 158  |
| 20°    | 23   | 32     | 42   | 55     | 71   | 89     | 110  | 131    | 153  | 174    | 194  |
| 17.5°  | 27   | 37     | 49   | 65     | 85   | 107    | 131  | 157    | 183  | 209    | 234  |
| 15°    | 31   | 42     | 57   | 76     | 99   | 125    | 153  | 183    | 215  | 246    | 273  |
| 12.5°  | 35   | 48     | 64   | 87     | 112  | 142    | 174  | 209    | 246  | 279    | 308  |
| 10°    | 38   | 53     | 72   | 96     | 125  | 158    | 194  | 234    | 273  | 308    | 338  |
| 7.5°   | 41   | 57     | 78   | 104    | 136  | 171    | 211  | 255    | 295  | 331    | 362  |
| 5°     | 43   | 60     | 83   | 111    | 144  | 181    | 224  | 269    | 311  | 348    | 379  |
| 2.5°   | 44   | 62     | 86   | 115    | 149  | 188    | 233  | 278    | 321  | 358    | 391  |
| 0°     | 45   | 62     | 87   | 116    | 151  | 190    | 236  | 281    | 324  | 362    | 395  |
| -2.5°  | 44   | 62     | 86   | 115    | 149  | 188    | 233  | 278    | 321  | 358    | 391  |
| -5°    | 43   | 60     | 83   | 111    | 144  | 181    | 224  | 269    | 311  | 348    | 379  |
| -7.5°  | 41   | 57     | 78   | 104    | 136  | 171    | 211  | 255    | 295  | 331    | 362  |
| -10°   | 38   | 53     | 72   | 96     | 125  | 158    | 194  | 234    | 273  | 308    | 338  |
| -12.5° | 35   | 48     | 64   | 87     | 112  | 142    | 174  | 209    | 246  | 279    | 308  |
| -15°   | 31   | 42     | 57   | 76     | 99   | 125    | 153  | 183    | 215  | 246    | 273  |
| -17.5° | 27   | 37     | 49   | 65     | 85   | 107    | 131  | 157    | 183  | 209    | 234  |
| -20°   | 23   | 32     | 42   | 55     | 71   | 89     | 110  | 131    | 153  | 174    | 194  |



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**CANDELA DISTRIBUTION (continued):**

|        | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 20   | 27     | 35   | 45     | 58   | 73     | 89   | 107    | 125  | 142    | 158  |
| -25°   | 17   | 22     | 29   | 37     | 46   | 58     | 71   | 85     | 99   | 112    | 125  |
| -27.5° | 14   | 18     | 23   | 30     | 37   | 45     | 55   | 65     | 76   | 87     | 96   |
| -30°   | 12   | 15     | 18   | 23     | 29   | 35     | 42   | 49     | 57   | 64     | 72   |
| -32.5° | 10   | 12     | 15   | 18     | 22   | 27     | 32   | 37     | 42   | 48     | 53   |
| -35°   | 9    | 10     | 12   | 14     | 17   | 20     | 23   | 27     | 31   | 35     | 38   |
| -37.5° | 8    | 9      | 10   | 12     | 13   | 15     | 17   | 20     | 22   | 25     | 27   |
| -40°   | 6    | 7      | 8    | 9      | 11   | 12     | 13   | 15     | 16   | 18     | 19   |
| -42.5° | 5    | 6      | 7    | 8      | 9    | 10     | 11   | 12     | 12   | 13     | 14   |
| -45°   | 5    | 5      | 6    | 6      | 7    | 8      | 8    | 9      | 10   | 10     | 11   |
| -47.5° | 4    | 5      | 5    | 5      | 6    | 6      | 7    | 7      | 8    | 8      | 9    |
| -50°   | 3    | 4      | 4    | 5      | 5    | 5      | 5    | 6      | 6    | 6      | 7    |
| -52.5° | 3    | 3      | 3    | 4      | 4    | 4      | 5    | 5      | 5    | 5      | 5    |
| -55°   | 3    | 3      | 3    | 3      | 3    | 3      | 4    | 4      | 4    | 4      | 4    |
| -57.5° | 2    | 3      | 3    | 3      | 3    | 3      | 3    | 3      | 3    | 3      | 3    |
| -60°   | 2    | 2      | 2    | 2      | 3    | 3      | 3    | 3      | 3    | 3      | 3    |
| -62.5° | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 3    |
| -65°   | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| -67.5° | 1    | 1      | 2    | 2      | 2    | 2      | 2    | 2      | 2    | 2      | 2    |
| -70°   | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 2    | 2      | 2    |
| -72.5° | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    | 1      | 1    |
| -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    |
| -80°   | 0    | 0      | 0    | 0      | 1    | 1      | 1    | 1      | 1    | 1      | 1    |
| -82.5° | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| -85°   | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    | 0      | 0    |
| -87.5° | 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° | -5° | -2.5° | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|-------|-----|-------|-----|------|-----|------|-----|-------|-----|-------|
| 90°    | 0     | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0     | 0   | 0     |
| 87.5°  | 0     | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0     | 0   | 0     |
| 85°    | 0     | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0     | 0   | 0     |
| 82.5°  | 0     | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0     | 0   | 0     |
| 80°    | 1     | 1   | 1     | 1   | 1    | 1   | 1    | 1   | 1     | 1   | 1     |
| 77.5°  | 1     | 1   | 1     | 1   | 1    | 1   | 1    | 1   | 1     | 1   | 1     |
| 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     |
| 70°    | 2     | 2   | 2     | 2   | 2    | 2   | 2    | 2   | 2     | 2   | 1     |
| 67.5°  | 2     | 2   | 2     | 2   | 2    | 2   | 2    | 2   | 2     | 2   | 2     |
| 65°    | 2     | 2   | 2     | 2   | 2    | 2   | 2    | 2   | 2     | 2   | 2     |
| 62.5°  | 3     | 3   | 3     | 3   | 3    | 3   | 3    | 3   | 2     | 2   | 2     |
| 60°    | 3     | 3   | 3     | 3   | 3    | 3   | 3    | 3   | 3     | 3   | 3     |
| 57.5°  | 4     | 4   | 4     | 4   | 4    | 4   | 4    | 3   | 3     | 3   | 3     |
| 55°    | 4     | 5   | 5     | 5   | 5    | 5   | 4    | 4   | 4     | 4   | 4     |
| 52.5°  | 5     | 5   | 5     | 6   | 5    | 5   | 5    | 5   | 5     | 5   | 5     |
| 50°    | 7     | 7   | 7     | 7   | 7    | 7   | 7    | 7   | 6     | 6   | 6     |
| 47.5°  | 9     | 9   | 9     | 9   | 9    | 9   | 9    | 9   | 8     | 8   | 7     |
| 45°    | 11    | 12  | 12    | 12  | 12   | 12  | 11   | 11  | 10    | 10  | 9     |
| 42.5°  | 15    | 15  | 15    | 16  | 15   | 15  | 15   | 14  | 13    | 12  | 12    |
| 40°    | 20    | 21  | 22    | 22  | 22   | 21  | 20   | 19  | 18    | 16  | 15    |
| 37.5°  | 29    | 31  | 32    | 32  | 32   | 31  | 29   | 27  | 25    | 22  | 20    |
| 35°    | 41    | 43  | 44    | 45  | 44   | 43  | 41   | 38  | 35    | 31  | 27    |
| 32.5°  | 57    | 60  | 62    | 62  | 62   | 60  | 57   | 53  | 48    | 42  | 37    |
| 30°    | 78    | 83  | 86    | 87  | 86   | 83  | 78   | 72  | 64    | 57  | 49    |
| 27.5°  | 104   | 111 | 115   | 116 | 115  | 111 | 104  | 96  | 87    | 76  | 65    |
| 25°    | 136   | 144 | 149   | 151 | 149  | 144 | 136  | 125 | 112   | 99  | 85    |
| 22.5°  | 171   | 181 | 188   | 190 | 188  | 181 | 171  | 158 | 142   | 125 | 107   |
| 20°    | 211   | 224 | 233   | 236 | 233  | 224 | 211  | 194 | 174   | 153 | 131   |
| 17.5°  | 255   | 269 | 278   | 281 | 278  | 269 | 255  | 234 | 209   | 183 | 157   |
| 15°    | 295   | 311 | 321   | 324 | 321  | 311 | 295  | 273 | 246   | 215 | 183   |
| 12.5°  | 331   | 348 | 358   | 362 | 358  | 348 | 331  | 308 | 279   | 246 | 209   |
| 10°    | 362   | 379 | 391   | 395 | 391  | 379 | 362  | 338 | 308   | 273 | 234   |
| 7.5°   | 387   | 408 | 421   | 425 | 421  | 408 | 387  | 362 | 331   | 295 | 255   |
| 5°     | 408   | 428 | 440   | 444 | 440  | 428 | 408  | 379 | 348   | 311 | 269   |
| 2.5°   | 421   | 440 | 450   | 452 | 450  | 440 | 421  | 391 | 358   | 321 | 278   |
| 0°     | 425   | 444 | 452   | 458 | 452  | 444 | 425  | 395 | 362   | 324 | 281   |
| -2.5°  | 421   | 440 | 450   | 452 | 450  | 440 | 421  | 391 | 358   | 321 | 278   |
| -5°    | 408   | 428 | 440   | 444 | 440  | 428 | 408  | 379 | 348   | 311 | 269   |
| -7.5°  | 387   | 408 | 421   | 425 | 421  | 408 | 387  | 362 | 331   | 295 | 255   |
| -10°   | 362   | 379 | 391   | 395 | 391  | 379 | 362  | 338 | 308   | 273 | 234   |
| -12.5° | 331   | 348 | 358   | 362 | 358  | 348 | 331  | 308 | 279   | 246 | 209   |
| -15°   | 295   | 311 | 321   | 324 | 321  | 311 | 295  | 273 | 246   | 215 | 183   |
| -17.5° | 255   | 269 | 278   | 281 | 278  | 269 | 255  | 234 | 209   | 183 | 157   |
| -20°   | 211   | 224 | 233   | 236 | 233  | 224 | 211  | 194 | 174   | 153 | 131   |



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**CANDELA DISTRIBUTION (continued):**

|        | -7.5° | -5° | -2.5° | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|-------|-----|-------|-----|------|-----|------|-----|-------|-----|-------|
| -22.5° | 171   | 181 | 188   | 190 | 188  | 181 | 171  | 158 | 142   | 125 | 107   |
| -25°   | 136   | 144 | 149   | 151 | 149  | 144 | 136  | 125 | 112   | 99  | 85    |
| -27.5° | 104   | 111 | 115   | 116 | 115  | 111 | 104  | 96  | 87    | 76  | 65    |
| -30°   | 78    | 83  | 86    | 87  | 86   | 83  | 78   | 72  | 64    | 57  | 49    |
| -32.5° | 57    | 60  | 62    | 62  | 62   | 60  | 57   | 53  | 48    | 42  | 37    |
| -35°   | 41    | 43  | 44    | 45  | 44   | 43  | 41   | 38  | 35    | 31  | 27    |
| -37.5° | 29    | 31  | 32    | 32  | 32   | 31  | 29   | 27  | 25    | 22  | 20    |
| -40°   | 20    | 21  | 22    | 22  | 22   | 21  | 20   | 19  | 18    | 16  | 15    |
| -42.5° | 15    | 15  | 15    | 16  | 15   | 15  | 15   | 14  | 13    | 12  | 12    |
| -45°   | 11    | 12  | 12    | 12  | 12   | 12  | 11   | 11  | 10    | 10  | 9     |
| -47.5° | 9     | 9   | 9     | 9   | 9    | 9   | 9    | 9   | 8     | 8   | 7     |
| -50°   | 7     | 7   | 7     | 7   | 7    | 7   | 7    | 7   | 6     | 6   | 6     |
| -52.5° | 5     | 5   | 5     | 6   | 5    | 5   | 5    | 5   | 5     | 5   | 5     |
| -55°   | 4     | 5   | 5     | 5   | 5    | 5   | 4    | 4   | 4     | 4   | 4     |
| -57.5° | 4     | 4   | 4     | 4   | 4    | 4   | 4    | 3   | 3     | 3   | 3     |
| -60°   | 3     | 3   | 3     | 3   | 3    | 3   | 3    | 3   | 3     | 3   | 3     |
| -62.5° | 3     | 3   | 3     | 3   | 3    | 3   | 3    | 3   | 2     | 2   | 2     |
| -65°   | 2     | 2   | 2     | 2   | 2    | 2   | 2    | 2   | 2     | 2   | 2     |
| -67.5° | 2     | 2   | 2     | 2   | 2    | 2   | 2    | 2   | 2     | 2   | 2     |
| -70°   | 2     | 2   | 2     | 2   | 2    | 2   | 2    | 2   | 2     | 2   | 1     |
| -72.5° | 1     | 1   | 1     | 1   | 1    | 1   | 1    | 1   | 1     | 1   | 1     |
| -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     |
| -80°   | 1     | 1   | 1     | 1   | 1    | 1   | 1    | 1   | 1     | 1   | 1     |
| -82.5° | 0     | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0     | 0   | 0     |
| -85°   | 0     | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0     | 0   | 0     |
| -87.5° | 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):**

|        | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 90°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 87.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 85°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 82.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 80°    | 1   | 1     | 1   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 77.5°  | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 0   |
| 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   |
| 70°    | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   |
| 67.5°  | 2   | 2     | 2   | 2     | 2   | 1     | 1   | 1     | 1   | 1     | 1   |
| 65°    | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 1   | 1     | 1   |
| 62.5°  | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 1   |
| 60°    | 3   | 3     | 3   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   |
| 57.5°  | 3   | 3     | 3   | 3     | 3   | 3     | 2   | 2     | 2   | 2     | 2   |
| 55°    | 4   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 2   | 2     | 2   |
| 52.5°  | 5   | 4     | 4   | 4     | 3   | 3     | 3   | 3     | 3   | 2     | 2   |
| 50°    | 5   | 5     | 5   | 5     | 4   | 4     | 3   | 3     | 3   | 3     | 3   |
| 47.5°  | 7   | 6     | 6   | 5     | 5   | 5     | 4   | 4     | 3   | 3     | 3   |
| 45°    | 8   | 8     | 7   | 6     | 6   | 5     | 5   | 4     | 4   | 3     | 3   |
| 42.5°  | 11  | 10    | 9   | 8     | 7   | 6     | 5   | 5     | 4   | 4     | 3   |
| 40°    | 13  | 12    | 11  | 9     | 8   | 7     | 6   | 5     | 5   | 4     | 4   |
| 37.5°  | 17  | 15    | 13  | 12    | 10  | 9     | 8   | 7     | 5   | 5     | 4   |
| 35°    | 23  | 20    | 17  | 14    | 12  | 10    | 9   | 8     | 6   | 5     | 5   |
| 32.5°  | 32  | 27    | 22  | 18    | 15  | 12    | 10  | 9     | 7   | 6     | 5   |
| 30°    | 42  | 35    | 29  | 23    | 18  | 15    | 12  | 10    | 8   | 7     | 6   |
| 27.5°  | 55  | 45    | 37  | 30    | 23  | 18    | 14  | 12    | 9   | 8     | 6   |
| 25°    | 71  | 58    | 46  | 37    | 29  | 22    | 17  | 13    | 11  | 9     | 7   |
| 22.5°  | 89  | 73    | 58  | 45    | 35  | 27    | 20  | 15    | 12  | 10    | 8   |
| 20°    | 110 | 89    | 71  | 55    | 42  | 32    | 23  | 17    | 13  | 11    | 8   |
| 17.5°  | 131 | 107   | 85  | 65    | 49  | 37    | 27  | 20    | 15  | 12    | 9   |
| 15°    | 153 | 125   | 99  | 76    | 57  | 42    | 31  | 22    | 16  | 12    | 10  |
| 12.5°  | 174 | 142   | 112 | 87    | 64  | 48    | 35  | 25    | 18  | 13    | 10  |
| 10°    | 194 | 158   | 125 | 96    | 72  | 53    | 38  | 27    | 19  | 14    | 11  |
| 7.5°   | 211 | 171   | 136 | 104   | 78  | 57    | 41  | 29    | 20  | 15    | 11  |
| 5°     | 224 | 181   | 144 | 111   | 83  | 60    | 43  | 31    | 21  | 15    | 12  |
| 2.5°   | 233 | 188   | 149 | 115   | 86  | 62    | 44  | 32    | 22  | 15    | 12  |
| 0°     | 236 | 190   | 151 | 116   | 87  | 62    | 45  | 32    | 22  | 16    | 12  |
| -2.5°  | 233 | 188   | 149 | 115   | 86  | 62    | 44  | 32    | 22  | 15    | 12  |
| -5°    | 224 | 181   | 144 | 111   | 83  | 60    | 43  | 31    | 21  | 15    | 12  |
| -7.5°  | 211 | 171   | 136 | 104   | 78  | 57    | 41  | 29    | 20  | 15    | 11  |
| -10°   | 194 | 158   | 125 | 96    | 72  | 53    | 38  | 27    | 19  | 14    | 11  |
| -12.5° | 174 | 142   | 112 | 87    | 64  | 48    | 35  | 25    | 18  | 13    | 10  |
| -15°   | 153 | 125   | 99  | 76    | 57  | 42    | 31  | 22    | 16  | 12    | 10  |
| -17.5° | 131 | 107   | 85  | 65    | 49  | 37    | 27  | 20    | 15  | 12    | 9   |
| -20°   | 110 | 89    | 71  | 55    | 42  | 32    | 23  | 17    | 13  | 11    | 8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 89  | 73    | 58  | 45    | 35  | 27    | 20  | 15    | 12  | 10    | 8   |
| -25°   | 71  | 58    | 46  | 37    | 29  | 22    | 17  | 13    | 11  | 9     | 7   |
| -27.5° | 55  | 45    | 37  | 30    | 23  | 18    | 14  | 12    | 9   | 8     | 6   |
| -30°   | 42  | 35    | 29  | 23    | 18  | 15    | 12  | 10    | 8   | 7     | 6   |
| -32.5° | 32  | 27    | 22  | 18    | 15  | 12    | 10  | 9     | 7   | 6     | 5   |
| -35°   | 23  | 20    | 17  | 14    | 12  | 10    | 9   | 8     | 6   | 5     | 5   |
| -37.5° | 17  | 15    | 13  | 12    | 10  | 9     | 8   | 7     | 5   | 5     | 4   |
| -40°   | 13  | 12    | 11  | 9     | 8   | 7     | 6   | 5     | 5   | 4     | 4   |
| -42.5° | 11  | 10    | 9   | 8     | 7   | 6     | 5   | 5     | 4   | 4     | 3   |
| -45°   | 8   | 8     | 7   | 6     | 6   | 5     | 5   | 4     | 4   | 3     | 3   |
| -47.5° | 7   | 6     | 6   | 5     | 5   | 5     | 4   | 4     | 3   | 3     | 3   |
| -50°   | 5   | 5     | 5   | 5     | 4   | 4     | 3   | 3     | 3   | 3     | 3   |
| -52.5° | 5   | 4     | 4   | 4     | 3   | 3     | 3   | 3     | 3   | 2     | 2   |
| -55°   | 4   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 2   | 2     | 2   |
| -57.5° | 3   | 3     | 3   | 3     | 3   | 3     | 2   | 2     | 2   | 2     | 2   |
| -60°   | 3   | 3     | 3   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   |
| -62.5° | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 1   |
| -65°   | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 1   | 1     | 1   |
| -67.5° | 2   | 2     | 2   | 2     | 2   | 1     | 1   | 1     | 1   | 1     | 1   |
| -70°   | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   |
| -72.5° | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   |
| -75°   | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   |
| -77.5° | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 0   |
| -80°   | 1   | 1     | 1   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -82.5° | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -85°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -87.5° | 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° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 90°    | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 87.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 85°    | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 82.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 80°    | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 77.5°  | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 75°    | 1     | 1   | 1     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     |
| 72.5°  | 1     | 1   | 1     | 1   | 1     | 0   | 0     | 0   | 0     | 0   | 0     |
| 70°    | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 0   | 0     | 0   | 0     |
| 67.5°  | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 0     | 0   | 0     |
| 65°    | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 0   | 0     |
| 62.5°  | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 0     |
| 60°    | 2     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 0     |
| 57.5°  | 2     | 2   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     |
| 55°    | 2     | 2   | 2     | 2   | 1     | 1   | 1     | 1   | 1     | 1   | 1     |
| 52.5°  | 2     | 2   | 2     | 2   | 1     | 1   | 1     | 1   | 1     | 1   | 1     |
| 50°    | 2     | 2   | 2     | 2   | 2     | 1   | 1     | 1   | 1     | 1   | 1     |
| 47.5°  | 3     | 2   | 2     | 2   | 2     | 2   | 1     | 1   | 1     | 1   | 1     |
| 45°    | 3     | 3   | 2     | 2   | 2     | 2   | 1     | 1   | 1     | 1   | 1     |
| 42.5°  | 3     | 3   | 2     | 2   | 2     | 2   | 2     | 1   | 1     | 1   | 1     |
| 40°    | 3     | 3   | 3     | 2   | 2     | 2   | 2     | 1   | 1     | 1   | 1     |
| 37.5°  | 4     | 3   | 3     | 3   | 2     | 2   | 2     | 2   | 1     | 1   | 1     |
| 35°    | 4     | 3   | 3     | 3   | 2     | 2   | 2     | 2   | 1     | 1   | 1     |
| 32.5°  | 5     | 4   | 3     | 3   | 3     | 2   | 2     | 2   | 1     | 1   | 1     |
| 30°    | 5     | 4   | 3     | 3   | 3     | 2   | 2     | 2   | 2     | 1   | 1     |
| 27.5°  | 5     | 5   | 4     | 3   | 3     | 2   | 2     | 2   | 2     | 1   | 1     |
| 25°    | 6     | 5   | 4     | 3   | 3     | 3   | 2     | 2   | 2     | 1   | 1     |
| 22.5°  | 6     | 5   | 4     | 3   | 3     | 3   | 2     | 2   | 2     | 1   | 1     |
| 20°    | 7     | 5   | 5     | 4   | 3     | 3   | 2     | 2   | 2     | 1   | 1     |
| 17.5°  | 7     | 6   | 5     | 4   | 3     | 3   | 2     | 2   | 2     | 1   | 1     |
| 15°    | 8     | 6   | 5     | 4   | 3     | 3   | 2     | 2   | 2     | 2   | 1     |
| 12.5°  | 8     | 6   | 5     | 4   | 3     | 3   | 2     | 2   | 2     | 2   | 1     |
| 10°    | 9     | 7   | 5     | 4   | 3     | 3   | 3     | 2   | 2     | 2   | 1     |
| 7.5°   | 9     | 7   | 5     | 4   | 4     | 3   | 3     | 2   | 2     | 2   | 1     |
| 5°     | 9     | 7   | 5     | 5   | 4     | 3   | 3     | 2   | 2     | 2   | 1     |
| 2.5°   | 9     | 7   | 5     | 5   | 4     | 3   | 3     | 2   | 2     | 2   | 1     |
| 0°     | 9     | 7   | 6     | 5   | 4     | 3   | 3     | 2   | 2     | 2   | 1     |
| -2.5°  | 9     | 7   | 5     | 5   | 4     | 3   | 3     | 2   | 2     | 2   | 1     |
| -5°    | 9     | 7   | 5     | 5   | 4     | 3   | 3     | 2   | 2     | 2   | 1     |
| -7.5°  | 9     | 7   | 5     | 4   | 4     | 3   | 3     | 2   | 2     | 2   | 1     |
| -10°   | 9     | 7   | 5     | 4   | 3     | 3   | 3     | 2   | 2     | 2   | 1     |
| -12.5° | 8     | 6   | 5     | 4   | 3     | 3   | 2     | 2   | 2     | 2   | 1     |
| -15°   | 8     | 6   | 5     | 4   | 3     | 3   | 2     | 2   | 2     | 2   | 1     |
| -17.5° | 7     | 6   | 5     | 4   | 3     | 3   | 2     | 2   | 2     | 1   | 1     |
| -20°   | 7     | 5   | 5     | 4   | 3     | 3   | 2     | 2   | 2     | 1   | 1     |



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**CANDELA DISTRIBUTION (continued):**

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

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| 90°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 87.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 85°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 82.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 80°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 77.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 75°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 72.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 70°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 67.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 65°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 62.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 60°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 57.5°  | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 55°    | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| 52.5°  | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| 50°    | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| 47.5°  | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| 45°    | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| 42.5°  | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 40°    | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 37.5°  | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 35°    | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 32.5°  | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 30°    | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 27.5°  | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| 25°    | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 22.5°  | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 20°    | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 17.5°  | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 15°    | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 12.5°  | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 10°    | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 7.5°   | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 5°     | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 2.5°   | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| 0°     | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -2.5°  | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -5°    | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -7.5°  | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -10°   | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -12.5° | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -15°   | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -17.5° | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -20°   | 1   | 1     | 1   | 0     | 0   | 0     | 0   |



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**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -25°   | 1   | 1     | 1   | 0     | 0   | 0     | 0   |
| -27.5° | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| -30°   | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| -32.5° | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| -35°   | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| -37.5° | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| -40°   | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| -42.5° | 1   | 1     | 0   | 0     | 0   | 0     | 0   |
| -45°   | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| -47.5° | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| -50°   | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| -52.5° | 1   | 0     | 0   | 0     | 0   | 0     | 0   |
| -55°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -57.5° | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -60°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -62.5° | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -65°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -67.5° | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -70°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -72.5° | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -75°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -77.5° | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -80°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -82.5° | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -85°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -87.5° | 0   | 0     | 0   | 0     | 0   | 0     | 0   |
| -90°   | 0   | 0     | 0   | 0     | 0   | 0     | 0   |

(END OF REPORT)