

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: EPHESUS

Report Number: P731338 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0320N-40-80-3S-CV1**

Issue Date: 11/16/2023

**Test Information**

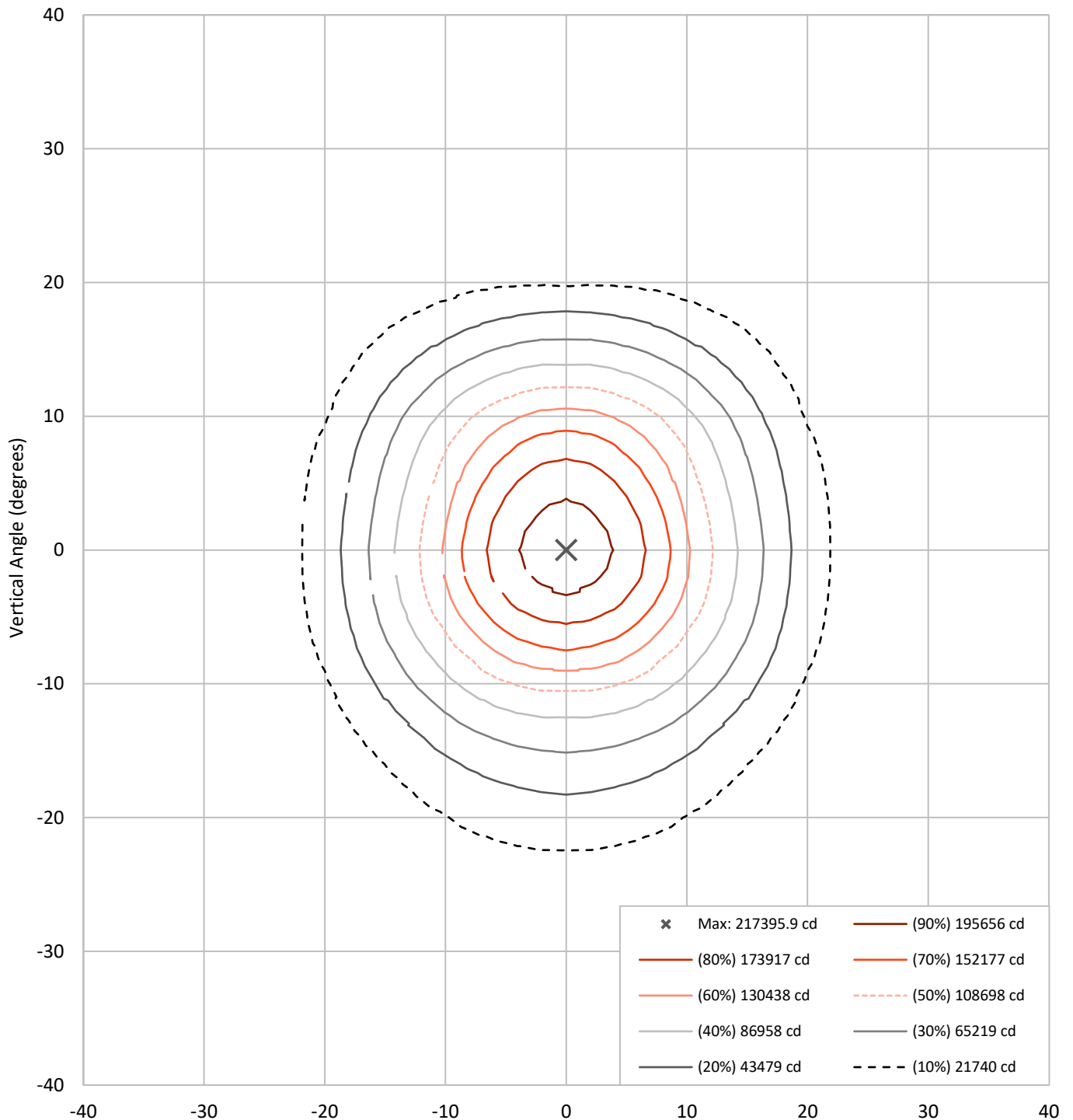
Test Method: LM-79-08  
Report Number: P731338 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-LS-08-0320N-40-80-3S-CV1  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                                      |                      |                  |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 3H x 3V          |
| Luminaire Lumens:                 | 45057 lumens                         | Max Intensity:       | 217395.9 candela |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:                         | 130.3 lumens/watt                    |                      |                  |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%):                 | 24.3°H x 22.7°V                      | Field Angle (10%):   | 43.8°H x 42.1°V  |
| Beam Lumens:                      | 21246.5 lumens                       | Field Lumens:        | 38382.7 lumens   |
| Beam Efficiency:                  | 47.2%                                | Field Efficiency:    | 85.2%            |
| Input Watts (W):                  | 345.8                                |                      |                  |
| 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





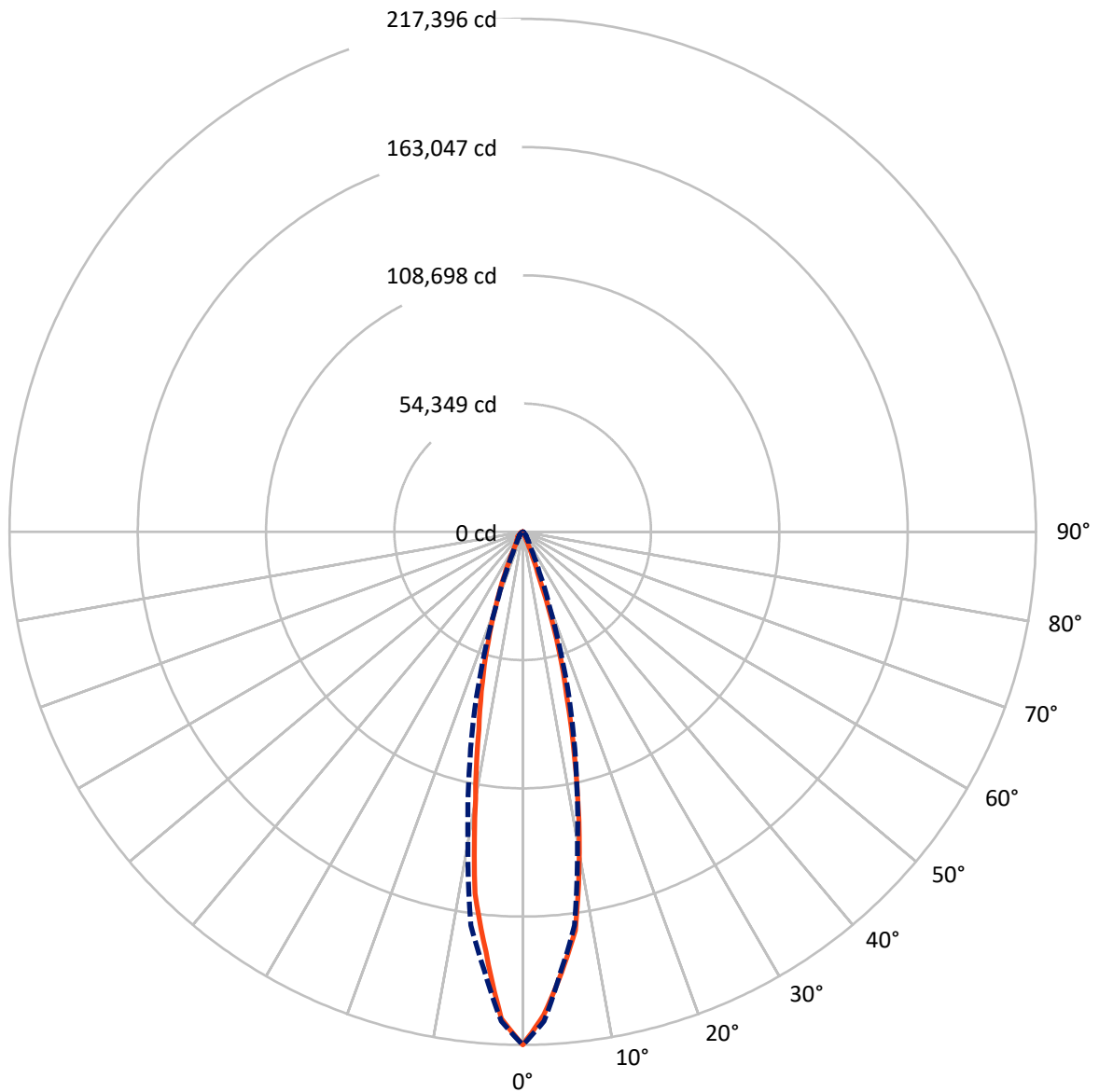
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### Lumen Table

|     |     |     |     |      |      |       |        |        |        |        |       |      |      |     |     |     |     |  |  |
|-----|-----|-----|-----|------|------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|-----|--|--|
| 90  | 0.1 |     | 0.1 |      | 0.3  |       | 0.3    |        | 0.3    |        | 0.3   |      | 0.3  |     | 0.1 |     | 0.1 |  |  |
| 80  | 0.1 |     | 0.1 |      | 0.3  |       | 0.3    |        | 0.3    |        | 0.3   |      | 0.3  |     | 0.1 |     | 0.1 |  |  |
| 70  | 0.1 | 0.0 | 0.1 | 0.4  | 0.5  | 0.3   | 0.2    | 0.2    | 0.2    | 0.2    | 0.3   | 0.5  | 0.4  | 0.1 | 0.0 | 0.1 |     |  |  |
| 60  |     | 0.1 | 0.3 | 0.5  | 0.4  | 0.2   | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.4  | 0.5  | 0.3 | 0.1 |     |     |  |  |
| 50  | 0.1 | 0.1 | 0.4 | 0.4  | 0.4  | 0.7   | 1.2    | 0.8    | 0.8    | 1.2    | 0.7   | 0.4  | 0.4  | 0.4 | 0.1 | 0.1 |     |  |  |
| 40  |     | 0.2 | 0.7 | 1.8  | 3.2  | 4.6   | 6.3    | 7.5    | 7.5    | 6.3    | 4.6   | 3.2  | 1.8  | 0.7 | 0.2 |     |     |  |  |
| 30  | 0.1 | 0.4 | 3.1 | 9.6  | 22.2 | 37.0  | 76.0   | 146.3  | 146.3  | 76.0   | 37.0  | 22.2 | 9.6  | 3.1 | 0.4 | 0.1 |     |  |  |
| 20  |     | 0.9 | 6.6 | 24.5 | 59.2 | 156.8 | 863.5  | 2037.8 | 2037.8 | 863.5  | 156.8 | 59.2 | 24.5 | 6.6 | 0.9 |     |     |  |  |
| 10  | 0.2 | 1.4 | 8.7 | 32.6 | 76.2 | 334.5 | 2070.1 | 4854.8 | 4854.8 | 2070.1 | 334.5 | 76.2 | 32.6 | 8.7 | 1.4 | 0.2 |     |  |  |
| 0   |     | 1.8 | 9.3 | 33.1 | 76.4 | 331.2 | 2033.9 | 4652.4 | 4652.4 | 2033.9 | 331.2 | 76.4 | 33.1 | 9.3 | 1.8 |     |     |  |  |
| -10 | 0.4 | 2.1 | 8.8 | 27.5 | 60.1 | 158.1 | 824.6  | 1861.2 | 1861.2 | 824.6  | 158.1 | 60.1 | 27.5 | 8.8 | 2.1 | 0.4 |     |  |  |
| -20 |     | 2.2 | 8.2 | 20.6 | 51.2 | 89.6  | 205.2  | 419.5  | 419.5  | 205.2  | 89.6  | 51.2 | 20.6 | 8.2 | 2.2 |     |     |  |  |
| -30 | 0.3 | 1.9 | 7.1 | 15.6 | 37.8 | 74.1  | 104.1  | 127.8  | 127.8  | 104.1  | 74.1  | 37.8 | 15.6 | 7.1 | 1.9 | 0.3 |     |  |  |
| -40 |     | 1.4 | 5.4 | 12.3 | 22.9 | 40.7  | 66.6   | 85.3   | 85.3   | 66.6   | 40.7  | 22.9 | 12.3 | 5.4 | 1.4 |     |     |  |  |
| -50 | 0.2 | 0.7 | 3.3 | 8.2  | 15.6 | 24.1  | 32.2   | 37.3   | 37.3   | 32.2   | 24.1  | 15.6 | 8.2  | 3.3 | 0.7 | 0.2 |     |  |  |
| -60 |     | 0.3 | 1.1 | 3.6  | 7.3  | 11.6  | 15.8   | 18.2   | 18.2   | 15.8   | 11.6  | 7.3  | 3.6  | 1.1 | 0.3 |     |     |  |  |
| -70 | 0.1 | 0.6 |     | 2.3  |      | 5.9   |        | 8.0    |        | 5.9    |       | 2.3  |      | 0.6 |     | 0.1 |     |  |  |
| -80 |     | 0.6 |     | 2.3  |      | 5.9   |        | 8.0    |        | 5.9    |       | 2.3  |      | 0.6 |     |     |     |  |  |
| -90 | 0.1 |     | 0.6 |      | 2.3  |       | 5.9    |        | 8.0    |        | 5.9   |      | 2.3  |     | 0.6 |     | 0.1 |  |  |

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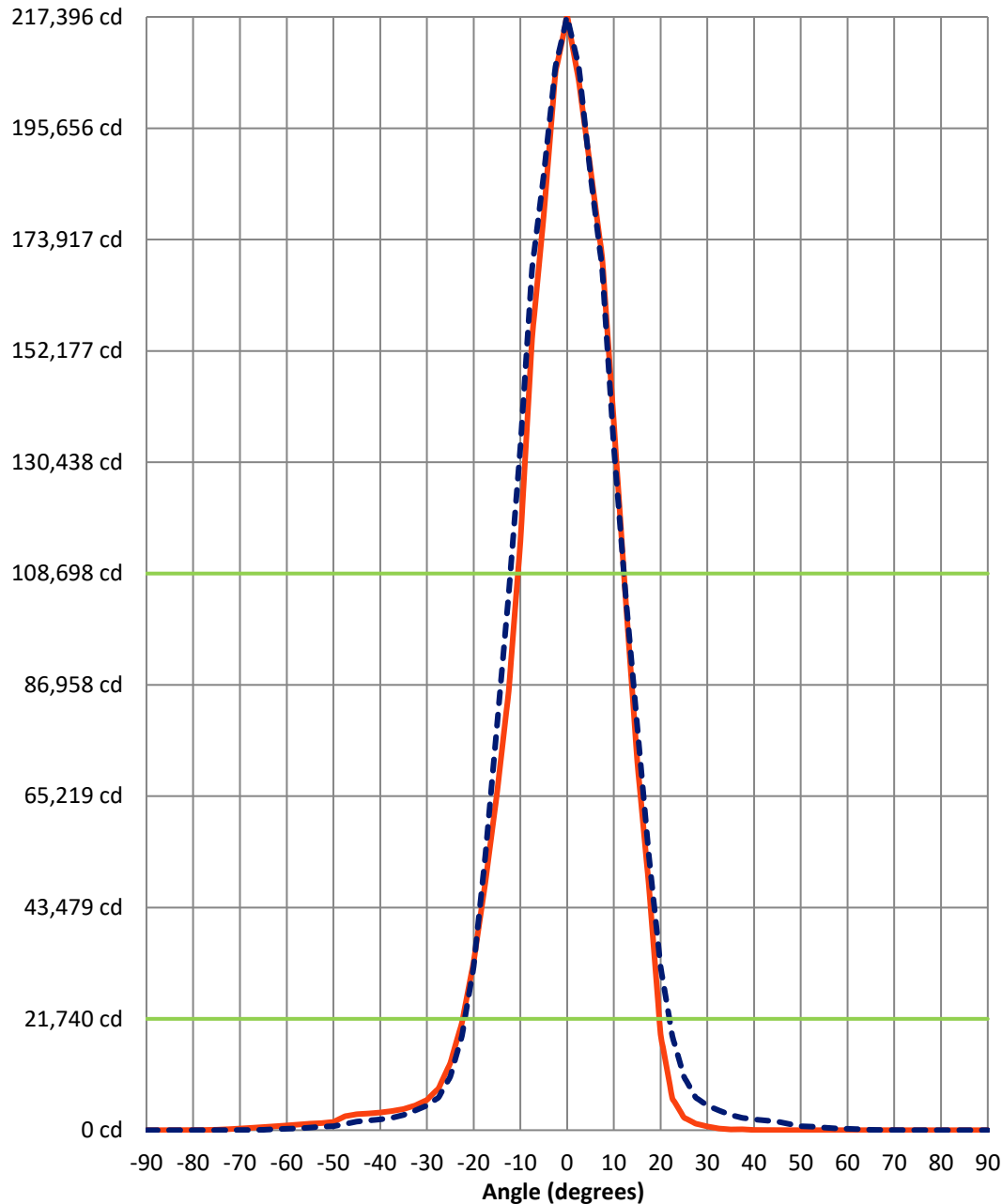
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 24.3°  
 V Angle: 22.7°  
 Lumens: 21246.5  
 Efficiency: 47.2%

**Field:**  
 H Angle: 43.8°  
 V Angle: 42.1°  
 Lumens: 38382.7  
 Efficiency: 85.2%

**Spill:**  
 Lumens: 6674.3  
 Efficiency: 14.8%

— 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°    | 2.2  | 2.7    | 3.3  | 3.3    | 3.3  | 3.3    | 3.3  | 3.3    | 3.3  | 3.3    | 3.3   |
| 87.5°  | 2.2  | 2.2    | 2.3  | 2.3    | 2.3  | 2.3    | 2.2  | 2.2    | 2.2  | 2.2    | 2.2   |
| 85°    | 2.2  | 2.3    | 2.4  | 2.4    | 2.4  | 2.3    | 2.2  | 2.2    | 2.2  | 2.2    | 2.2   |
| 82.5°  | 2.2  | 2.3    | 2.5  | 2.5    | 2.5  | 2.4    | 2.2  | 2.2    | 2.2  | 2.2    | 2.2   |
| 80°    | 2.2  | 2.4    | 2.6  | 2.6    | 2.6  | 2.5    | 2.3  | 2.4    | 2.4  | 2.4    | 2.2   |
| 77.5°  | 2.2  | 2.4    | 2.7  | 2.7    | 2.7  | 2.6    | 2.5  | 2.6    | 2.6  | 2.5    | 2.3   |
| 75°    | 2.2  | 2.5    | 2.8  | 2.9    | 2.8  | 2.7    | 2.8  | 2.9    | 2.8  | 2.6    | 2.3   |
| 72.5°  | 2.2  | 2.5    | 2.9  | 3.0    | 2.9  | 2.9    | 3.1  | 3.1    | 2.8  | 2.6    | 2.3   |
| 70°    | 2.2  | 2.6    | 3.0  | 3.1    | 3.0  | 3.1    | 3.3  | 3.1    | 2.9  | 2.6    | 2.7   |
| 67.5°  | 2.2  | 2.6    | 3.0  | 3.1    | 3.1  | 3.2    | 3.3  | 3.2    | 2.9  | 2.9    | 3.0   |
| 65°    | 2.2  | 2.7    | 3.1  | 3.2    | 3.2  | 3.3    | 3.3  | 3.2    | 3.1  | 3.1    | 3.3   |
| 62.5°  | 2.2  | 2.7    | 3.2  | 3.2    | 3.2  | 3.3    | 3.3  | 3.2    | 3.2  | 3.3    | 3.4   |
| 60°    | 2.2  | 2.7    | 3.3  | 3.2    | 3.3  | 3.3    | 3.3  | 3.3    | 3.3  | 3.5    | 3.6   |
| 57.5°  | 2.2  | 2.8    | 3.3  | 3.2    | 3.3  | 3.3    | 3.3  | 3.3    | 3.5  | 3.8    | 3.8   |
| 55°    | 2.2  | 2.8    | 3.3  | 3.3    | 3.3  | 3.3    | 3.4  | 3.4    | 3.8  | 4.0    | 4.0   |
| 52.5°  | 2.2  | 2.9    | 3.3  | 3.3    | 3.3  | 3.3    | 3.5  | 3.6    | 4.1  | 4.3    | 4.3   |
| 50°    | 2.2  | 2.9    | 3.3  | 3.3    | 3.3  | 3.4    | 3.6  | 4.0    | 4.4  | 4.7    | 5.8   |
| 47.5°  | 2.2  | 2.9    | 3.3  | 3.3    | 3.3  | 3.5    | 3.8  | 4.3    | 4.8  | 5.1    | 7.3   |
| 45°    | 2.2  | 3.0    | 3.3  | 3.3    | 3.3  | 3.6    | 4.0  | 4.6    | 5.1  | 6.2    | 8.6   |
| 42.5°  | 2.2  | 3.0    | 3.3  | 3.3    | 3.3  | 3.8    | 4.3  | 4.9    | 5.5  | 7.3    | 11.1  |
| 40°    | 2.2  | 3.0    | 3.3  | 3.3    | 3.4  | 3.9    | 4.5  | 5.1    | 5.9  | 8.2    | 13.7  |
| 37.5°  | 2.2  | 3.1    | 3.3  | 3.3    | 3.5  | 4.1    | 4.7  | 5.4    | 6.7  | 9.4    | 16.2  |
| 35°    | 2.2  | 3.1    | 3.3  | 3.3    | 3.6  | 4.2    | 5.0  | 5.7    | 7.4  | 11.7   | 18.3  |
| 32.5°  | 2.2  | 3.1    | 3.3  | 3.3    | 3.7  | 4.4    | 5.2  | 6.0    | 8.0  | 14.0   | 20.1  |
| 30°    | 2.2  | 3.2    | 3.3  | 3.3    | 3.8  | 4.6    | 5.4  | 6.3    | 8.5  | 16.2   | 21.9  |
| 27.5°  | 2.2  | 3.2    | 3.3  | 3.3    | 3.9  | 4.8    | 5.6  | 6.7    | 9.5  | 18.4   | 23.8  |
| 25°    | 2.2  | 3.2    | 3.3  | 3.3    | 4.0  | 4.9    | 5.8  | 7.1    | 11.2 | 20.2   | 25.9  |
| 22.5°  | 2.2  | 3.2    | 3.3  | 3.3    | 4.1  | 5.1    | 6.0  | 7.5    | 12.9 | 21.8   | 29.5  |
| 20°    | 2.2  | 3.2    | 3.3  | 3.3    | 4.1  | 5.2    | 6.2  | 7.8    | 14.5 | 23.3   | 33.4  |
| 17.5°  | 2.2  | 3.2    | 3.3  | 3.3    | 4.2  | 5.2    | 6.3  | 8.1    | 16.1 | 24.9   | 37.4  |
| 15°    | 2.2  | 3.3    | 3.3  | 3.3    | 4.2  | 5.3    | 6.5  | 8.4    | 17.4 | 26.3   | 41.6  |
| 12.5°  | 2.2  | 3.3    | 3.3  | 3.3    | 4.3  | 5.4    | 6.8  | 8.9    | 19.1 | 27.8   | 45.8  |
| 10°    | 2.2  | 3.3    | 3.3  | 3.3    | 4.3  | 5.4    | 7.0  | 9.3    | 20.9 | 30.0   | 50.5  |
| 7.5°   | 2.2  | 3.3    | 3.3  | 3.3    | 4.4  | 5.5    | 7.2  | 9.8    | 22.5 | 32.4   | 56.3  |
| 5°     | 2.2  | 3.3    | 3.3  | 3.3    | 4.4  | 5.5    | 7.4  | 10.2   | 24.0 | 34.6   | 61.9  |
| 2.5°   | 2.2  | 3.3    | 3.3  | 3.3    | 4.4  | 5.5    | 7.5  | 10.6   | 25.4 | 36.8   | 67.1  |
| 0°     | 2.2  | 3.3    | 3.3  | 3.3    | 4.4  | 5.5    | 7.7  | 11.0   | 26.5 | 38.7   | 71.8  |
| -2.5°  | 2.2  | 3.3    | 3.3  | 3.4    | 4.6  | 6.0    | 9.0  | 14.4   | 32.6 | 48.6   | 84.6  |
| -5°    | 2.2  | 3.3    | 3.4  | 3.6    | 4.8  | 6.4    | 10.3 | 17.8   | 38.3 | 58.1   | 96.5  |
| -7.5°  | 2.2  | 3.3    | 3.4  | 3.7    | 4.9  | 6.9    | 11.5 | 20.9   | 43.6 | 67.1   | 107.5 |
| -10°   | 2.2  | 3.3    | 3.5  | 3.9    | 5.1  | 7.3    | 12.5 | 23.7   | 48.2 | 75.2   | 117.4 |
| -12.5° | 2.2  | 3.3    | 3.5  | 4.0    | 5.3  | 7.6    | 13.5 | 26.1   | 52.2 | 82.5   | 127.4 |
| -15°   | 2.2  | 3.3    | 3.6  | 4.1    | 5.4  | 7.9    | 14.2 | 28.0   | 55.7 | 89.1   | 136.2 |
| -17.5° | 2.2  | 3.3    | 3.6  | 4.2    | 5.5  | 8.2    | 14.8 | 29.9   | 58.7 | 94.6   | 143.0 |
| -20°   | 2.2  | 3.2    | 3.6  | 4.3    | 5.7  | 8.4    | 15.4 | 31.4   | 60.8 | 99.0   | 147.5 |



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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° | 2.2  | 3.2    | 3.7  | 4.4    | 5.8  | 8.5    | 15.9 | 32.3   | 61.8 | 102.1  | 149.5 |
| -25°   | 2.2  | 3.2    | 3.7  | 4.5    | 5.9  | 8.6    | 16.0 | 32.5   | 61.6 | 103.8  | 148.9 |
| -27.5° | 2.2  | 3.2    | 3.7  | 4.6    | 5.9  | 8.7    | 15.8 | 31.9   | 60.2 | 103.9  | 150.3 |
| -30°   | 2.2  | 3.2    | 3.7  | 4.6    | 6.0  | 8.6    | 15.1 | 30.4   | 58.8 | 102.0  | 150.1 |
| -32.5° | 2.2  | 3.2    | 3.7  | 4.7    | 6.1  | 8.5    | 14.0 | 29.4   | 57.1 | 98.4   | 147.9 |
| -35°   | 2.2  | 3.2    | 3.7  | 4.7    | 6.1  | 8.2    | 13.5 | 28.1   | 54.2 | 93.2   | 143.8 |
| -37.5° | 2.2  | 3.1    | 3.7  | 4.7    | 6.1  | 8.0    | 13.2 | 26.2   | 50.1 | 86.2   | 134.7 |
| -40°   | 2.2  | 3.1    | 3.7  | 4.7    | 6.1  | 8.0    | 12.7 | 23.6   | 44.7 | 79.6   | 123.3 |
| -42.5° | 2.2  | 3.1    | 3.7  | 4.6    | 6.0  | 7.9    | 12.0 | 20.3   | 40.1 | 71.2   | 110.2 |
| -45°   | 2.2  | 3.1    | 3.6  | 4.6    | 6.0  | 7.8    | 11.2 | 17.6   | 35.6 | 61.5   | 96.0  |
| -47.5° | 2.2  | 3.1    | 3.6  | 4.5    | 5.9  | 7.7    | 10.2 | 16.5   | 30.1 | 50.6   | 83.6  |
| -50°   | 2.2  | 3.1    | 3.5  | 4.5    | 5.8  | 7.5    | 9.9  | 15.1   | 23.6 | 43.1   | 69.7  |
| -52.5° | 2.2  | 3.0    | 3.5  | 4.4    | 5.7  | 7.2    | 9.5  | 13.5   | 20.1 | 34.9   | 55.2  |
| -55°   | 2.2  | 3.0    | 3.4  | 4.3    | 5.5  | 7.0    | 9.1  | 11.8   | 17.9 | 26.0   | 45.0  |
| -57.5° | 2.2  | 3.0    | 3.4  | 4.2    | 5.4  | 6.8    | 8.6  | 11.2   | 15.5 | 21.8   | 34.0  |
| -60°   | 2.2  | 3.0    | 3.3  | 4.1    | 5.2  | 6.5    | 8.1  | 10.5   | 13.3 | 18.9   | 25.1  |
| -62.5° | 2.2  | 3.0    | 3.3  | 4.0    | 5.0  | 6.3    | 7.7  | 9.7    | 12.4 | 15.8   | 21.5  |
| -65°   | 2.2  | 3.0    | 3.3  | 3.8    | 4.8  | 6.0    | 7.4  | 9.0    | 11.5 | 14.2   | 17.8  |
| -67.5° | 2.2  | 2.9    | 3.3  | 3.7    | 4.6  | 5.7    | 6.9  | 8.5    | 10.4 | 12.9   | 15.6  |
| -70°   | 2.2  | 2.9    | 3.3  | 3.6    | 4.4  | 5.3    | 6.5  | 8.0    | 9.7  | 11.7   | 14.1  |
| -72.5° | 2.2  | 2.9    | 3.3  | 3.5    | 4.1  | 5.0    | 6.0  | 7.4    | 8.9  | 10.7   | 12.6  |
| -75°   | 2.2  | 2.9    | 3.3  | 3.5    | 3.9  | 4.6    | 5.5  | 6.7    | 8.1  | 9.7    | 11.3  |
| -77.5° | 2.2  | 2.9    | 3.3  | 3.5    | 3.8  | 4.2    | 5.0  | 6.1    | 7.3  | 8.6    | 10.1  |
| -80°   | 2.2  | 2.8    | 3.3  | 3.4    | 3.7  | 4.0    | 4.4  | 5.4    | 6.4  | 7.5    | 8.8   |
| -82.5° | 2.2  | 2.8    | 3.3  | 3.4    | 3.6  | 3.8    | 4.1  | 4.8    | 5.5  | 6.4    | 7.4   |
| -85°   | 2.2  | 2.8    | 3.3  | 3.4    | 3.5  | 3.7    | 3.9  | 4.3    | 4.8  | 5.4    | 6.1   |
| -87.5° | 2.2  | 2.8    | 3.3  | 3.3    | 3.4  | 3.5    | 3.6  | 3.8    | 4.1  | 4.4    | 4.7   |
| -90°   | 2.2  | 2.2    | 2.2  | 2.2    | 2.2  | 2.2    | 2.2  | 2.2    | 2.2  | 2.2    | 2.2   |





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 CATALOG NUMBER: EPH-LS-08-0320N-40-80-3S-CV1

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°   | -42.5° | -40°   | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| 90°    | 3.6    | 3.9   | 4.1    | 4.4   | 4.4    | 4.4   | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    |
| 87.5°  | 1.9    | 1.7   | 1.4    | 1.1   | 1.1    | 1.1   | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    |
| 85°    | 1.9    | 1.7   | 1.4    | 1.3   | 1.3    | 1.3   | 1.2    | 1.1    | 1.1    | 1.1    | 1.1    |
| 82.5°  | 2.0    | 1.9   | 1.9    | 1.9   | 1.8    | 1.6   | 1.4    | 1.3    | 1.3    | 1.3    | 1.2    |
| 80°    | 2.2    | 2.2   | 2.2    | 2.2   | 2.1    | 2.0   | 2.0    | 2.0    | 1.9    | 1.8    | 1.6    |
| 77.5°  | 2.2    | 2.2   | 2.2    | 2.2   | 2.2    | 2.3   | 2.5    | 2.7    | 2.7    | 2.6    | 2.5    |
| 75°    | 2.2    | 2.2   | 2.3    | 2.2   | 2.3    | 2.6   | 2.9    | 3.2    | 3.2    | 3.1    | 3.1    |
| 72.5°  | 2.4    | 2.5   | 2.5    | 2.3   | 2.5    | 2.9   | 3.2    | 3.3    | 3.9    | 4.8    | 5.5    |
| 70°    | 2.8    | 2.9   | 2.8    | 2.9   | 3.1    | 3.6   | 4.7    | 6.2    | 7.8    | 8.9    | 10.4   |
| 67.5°  | 3.2    | 3.1   | 3.1    | 3.4   | 4.2    | 5.5   | 7.2    | 11.1   | 15.5   | 17.2   | 18.0   |
| 65°    | 3.3    | 3.3   | 3.6    | 4.3   | 5.4    | 8.7   | 13.0   | 18.0   | 23.3   | 24.5   | 24.4   |
| 62.5°  | 3.3    | 3.5   | 4.0    | 5.7   | 8.8    | 12.9  | 18.5   | 24.1   | 29.7   | 28.8   | 25.4   |
| 60°    | 3.4    | 3.6   | 5.5    | 8.8   | 12.6   | 18.0  | 24.1   | 27.1   | 28.9   | 28.7   | 24.7   |
| 57.5°  | 3.5    | 4.8   | 8.2    | 12.4  | 17.7   | 22.3  | 24.3   | 26.1   | 27.1   | 28.0   | 23.3   |
| 55°    | 4.4    | 7.1   | 11.3   | 16.9  | 21.1   | 22.1  | 23.2   | 23.8   | 24.7   | 23.0   | 17.8   |
| 52.5°  | 6.5    | 9.6   | 15.2   | 20.1  | 21.9   | 21.7  | 20.6   | 20.7   | 19.2   | 16.8   | 14.2   |
| 50°    | 8.4    | 13.2  | 18.5   | 21.6  | 22.4   | 20.8  | 17.9   | 17.0   | 15.4   | 13.4   | 11.6   |
| 47.5°  | 11.2   | 16.8  | 20.6   | 23.1  | 22.5   | 20.2  | 16.8   | 14.7   | 13.1   | 12.5   | 10.7   |
| 45°    | 14.3   | 19.3  | 22.8   | 23.9  | 22.7   | 19.7  | 17.0   | 13.3   | 14.0   | 13.9   | 13.7   |
| 42.5°  | 17.4   | 21.3  | 24.3   | 25.2  | 22.7   | 20.7  | 18.3   | 17.4   | 17.3   | 19.5   | 21.0   |
| 40°    | 19.3   | 23.2  | 26.1   | 26.3  | 23.6   | 23.1  | 24.8   | 25.9   | 24.8   | 28.6   | 31.8   |
| 37.5°  | 21.0   | 25.3  | 28.8   | 30.1  | 26.7   | 29.4  | 33.6   | 45.2   | 46.3   | 39.7   | 50.8   |
| 35°    | 22.6   | 27.6  | 34.2   | 39.4  | 39.2   | 39.5  | 57.3   | 74.9   | 83.2   | 72.8   | 82.5   |
| 32.5°  | 24.6   | 30.4  | 41.7   | 55.1  | 66.2   | 68.0  | 87.3   | 123.3  | 140.2  | 140.9  | 139.5  |
| 30°    | 27.5   | 37.5  | 53.4   | 75.5  | 103.6  | 130.8 | 145.5  | 185.1  | 212.2  | 258.6  | 293.8  |
| 27.5°  | 31.5   | 46.6  | 73.0   | 109.9 | 154.2  | 208.3 | 241.2  | 264.1  | 331.0  | 417.8  | 511.3  |
| 25°    | 36.1   | 65.1  | 95.8   | 154.1 | 229.4  | 298.1 | 340.0  | 367.5  | 484.3  | 656.5  | 777.0  |
| 22.5°  | 46.2   | 88.9  | 129.0  | 204.3 | 314.2  | 391.4 | 435.7  | 524.3  | 705.4  | 936.6  | 1079.3 |
| 20°    | 63.5   | 118.0 | 168.0  | 250.1 | 401.1  | 487.0 | 528.9  | 704.7  | 984.3  | 1221.4 | 1417.9 |
| 17.5°  | 83.5   | 147.3 | 206.7  | 303.7 | 449.9  | 560.6 | 631.9  | 897.9  | 1281.4 | 1494.3 | 1719.4 |
| 15°    | 105.6  | 176.6 | 241.2  | 351.4 | 496.9  | 604.2 | 758.3  | 1130.7 | 1553.1 | 1756.5 | 1988.7 |
| 12.5°  | 128.9  | 205.5 | 271.7  | 393.2 | 543.2  | 644.4 | 871.5  | 1296.8 | 1693.4 | 1968.8 | 2270.1 |
| 10°    | 152.7  | 233.7 | 298.6  | 429.2 | 587.9  | 681.4 | 977.7  | 1435.2 | 1767.6 | 2026.6 | 2378.1 |
| 7.5°   | 167.4  | 253.2 | 320.6  | 459.7 | 630.0  | 715.3 | 1074.8 | 1546.9 | 1820.3 | 2060.8 | 2392.9 |
| 5°     | 178.1  | 262.5 | 331.5  | 480.5 | 659.3  | 742.2 | 1154.0 | 1633.1 | 1854.5 | 2074.5 | 2366.7 |
| 2.5°   | 186.0  | 269.8 | 340.6  | 496.1 | 677.3  | 760.7 | 1191.2 | 1666.3 | 1877.1 | 2091.2 | 2370.5 |
| 0°     | 191.1  | 275.0 | 347.9  | 507.0 | 689.3  | 776.5 | 1210.6 | 1677.8 | 1891.0 | 2105.3 | 2410.2 |
| -2.5°  | 197.9  | 282.6 | 359.5  | 518.1 | 692.3  | 780.0 | 1213.4 | 1673.3 | 1899.0 | 2139.2 | 2453.0 |
| -5°    | 202.3  | 288.0 | 368.8  | 524.4 | 690.1  | 780.5 | 1198.2 | 1649.4 | 1887.5 | 2130.9 | 2436.5 |
| -7.5°  | 205.0  | 291.4 | 375.5  | 524.9 | 678.3  | 768.8 | 1146.2 | 1574.3 | 1822.7 | 2051.1 | 2351.5 |
| -10°   | 207.2  | 296.1 | 381.7  | 516.0 | 655.4  | 748.1 | 1072.9 | 1485.1 | 1750.8 | 1961.1 | 2243.2 |
| -12.5° | 214.1  | 302.5 | 386.4  | 505.2 | 632.0  | 724.9 | 983.2  | 1384.5 | 1673.2 | 1862.3 | 2126.5 |
| -15°   | 219.0  | 307.6 | 389.2  | 493.4 | 609.3  | 699.3 | 877.8  | 1274.9 | 1614.1 | 1826.5 | 2053.0 |
| -17.5° | 221.8  | 311.8 | 390.2  | 481.5 | 588.6  | 671.3 | 761.9  | 1173.2 | 1567.0 | 1807.1 | 2016.2 |
| -20°   | 222.7  | 315.1 | 389.5  | 470.2 | 570.4  | 654.7 | 736.2  | 1049.8 | 1451.9 | 1776.2 | 1983.8 |



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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° | 221.6  | 317.9 | 388.5  | 465.0 | 558.7  | 647.3 | 726.3  | 913.4 | 1299.9 | 1731.6 | 1942.2 |
| -25°   | 221.0  | 314.1 | 388.3  | 457.8 | 545.4  | 638.2 | 716.1  | 785.8 | 1129.0 | 1560.1 | 1886.3 |
| -27.5° | 219.6  | 308.3 | 380.4  | 446.3 | 528.8  | 625.6 | 704.1  | 772.9 | 971.5  | 1365.2 | 1798.5 |
| -30°   | 214.6  | 292.6 | 369.7  | 431.9 | 512.0  | 604.1 | 690.6  | 763.4 | 837.6  | 1166.3 | 1570.5 |
| -32.5° | 203.5  | 275.5 | 352.1  | 417.9 | 491.2  | 579.3 | 671.3  | 746.7 | 822.1  | 942.7  | 1326.0 |
| -35°   | 191.8  | 259.3 | 331.5  | 400.5 | 466.0  | 550.7 | 638.6  | 724.3 | 799.4  | 878.2  | 1065.3 |
| -37.5° | 182.7  | 241.5 | 310.0  | 378.8 | 443.8  | 518.2 | 602.4  | 689.1 | 769.9  | 851.4  | 943.4  |
| -40°   | 171.7  | 222.2 | 288.5  | 354.5 | 419.3  | 486.6 | 564.2  | 646.1 | 730.8  | 824.6  | 911.0  |
| -42.5° | 158.7  | 207.9 | 265.9  | 329.4 | 392.3  | 456.8 | 523.8  | 601.5 | 690.0  | 789.2  | 880.5  |
| -45°   | 142.2  | 191.5 | 242.7  | 302.2 | 363.1  | 424.5 | 488.2  | 555.4 | 644.2  | 738.9  | 836.1  |
| -47.5° | 123.9  | 172.5 | 221.9  | 272.8 | 331.2  | 390.5 | 450.0  | 517.9 | 592.9  | 681.0  | 775.4  |
| -50°   | 104.8  | 149.9 | 198.2  | 245.1 | 296.7  | 353.6 | 411.0  | 476.4 | 547.1  | 620.5  | 703.2  |
| -52.5° | 87.5   | 125.1 | 170.2  | 216.8 | 263.1  | 313.6 | 369.6  | 430.6 | 496.1  | 566.0  | 634.0  |
| -55°   | 68.5   | 102.2 | 139.6  | 184.0 | 229.7  | 274.7 | 322.9  | 378.8 | 439.0  | 502.9  | 566.6  |
| -57.5° | 53.2   | 78.5  | 110.7  | 147.8 | 191.0  | 235.8 | 278.6  | 323.3 | 376.0  | 433.2  | 488.9  |
| -60°   | 39.9   | 58.0  | 82.4   | 113.8 | 148.5  | 189.8 | 232.5  | 273.8 | 315.7  | 357.9  | 407.2  |
| -62.5° | 27.7   | 41.7  | 58.7   | 80.3  | 110.2  | 142.4 | 179.9  | 219.2 | 259.1  | 295.4  | 331.4  |
| -65°   | 23.3   | 28.0  | 39.6   | 55.5  | 72.2   | 99.5  | 129.5  | 160.9 | 195.9  | 227.3  | 259.7  |
| -67.5° | 18.6   | 22.9  | 27.1   | 33.4  | 47.9   | 63.7  | 80.7   | 107.2 | 134.5  | 157.1  | 180.2  |
| -70°   | 16.3   | 18.2  | 21.6   | 25.3  | 28.9   | 35.4  | 49.2   | 63.9  | 78.7   | 93.4   | 112.3  |
| -72.5° | 14.3   | 15.9  | 17.7   | 19.5  | 22.5   | 25.5  | 28.6   | 31.7  | 40.0   | 51.2   | 61.6   |
| -75°   | 12.6   | 13.7  | 15.0   | 16.5  | 18.0   | 19.4  | 20.9   | 23.5  | 26.1   | 28.6   | 31.2   |
| -77.5° | 11.0   | 11.8  | 12.7   | 13.7  | 14.8   | 16.0  | 17.1   | 18.3  | 19.3   | 20.4   | 21.5   |
| -80°   | 9.4    | 9.9   | 10.5   | 11.2  | 11.9   | 12.7  | 13.6   | 14.5  | 15.2   | 15.8   | 16.6   |
| -82.5° | 7.9    | 8.2   | 8.6    | 9.0   | 9.3    | 9.7   | 10.0   | 10.6  | 11.1   | 11.6   | 12.0   |
| -85°   | 6.4    | 6.6   | 6.8    | 7.1   | 7.3    | 7.5   | 7.8    | 8.0   | 8.2    | 8.4    | 8.5    |
| -87.5° | 5.0    | 5.2   | 5.5    | 5.7   | 5.7    | 5.8   | 5.9    | 6.0   | 6.0    | 6.1    | 6.1    |
| -90°   | 1.9    | 1.7   | 1.4    | 1.1   | 1.1    | 1.1   | 1.1    | 1.1   | 1.1    | 1.1    | 1.1    |



REPORT NUMBER: P731338 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°    | -22.5°  | -20°    | -17.5°  | -15°    | -12.5°   | -10°     |
|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|----------|----------|
| 90°    | 4.4    | 4.7    | 5.0    | 5.2    | 5.5     | 5.5     | 5.5     | 5.5     | 5.5     | 5.5      | 5.5      |
| 87.5°  | 1.1    | 1.1    | 1.1    | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 0.8      | 0.6      |
| 85°    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1      | 1.1      |
| 82.5°  | 1.1    | 1.1    | 1.1    | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1      | 1.1      |
| 80°    | 1.4    | 1.4    | 1.4    | 1.3    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1      | 1.1      |
| 77.5°  | 2.4    | 2.2    | 2.1    | 1.9    | 1.7     | 1.6     | 1.5     | 1.3     | 1.1     | 1.1      | 1.1      |
| 75°    | 3.2    | 3.3    | 3.3    | 3.1    | 2.8     | 2.6     | 2.4     | 2.2     | 2.0     | 2.0      | 2.1      |
| 72.5°  | 5.8    | 5.8    | 5.6    | 5.6    | 5.2     | 5.0     | 5.1     | 5.0     | 4.8     | 4.9      | 5.1      |
| 70°    | 11.3   | 11.6   | 11.4   | 10.6   | 9.4     | 8.5     | 8.1     | 7.4     | 6.6     | 6.5      | 6.9      |
| 67.5°  | 17.8   | 17.0   | 16.0   | 14.6   | 12.7    | 11.0    | 10.1    | 9.3     | 8.5     | 8.3      | 8.5      |
| 65°    | 22.7   | 19.2   | 16.9   | 15.0   | 13.4    | 11.8    | 10.7    | 9.6     | 8.6     | 8.0      | 7.9      |
| 62.5°  | 21.9   | 18.0   | 15.4   | 13.6   | 12.1    | 10.8    | 9.5     | 8.2     | 7.0     | 6.2      | 6.2      |
| 60°    | 20.6   | 16.2   | 12.8   | 11.1   | 9.8     | 8.9     | 7.7     | 6.7     | 6.0     | 5.5      | 5.6      |
| 57.5°  | 17.5   | 12.8   | 9.7    | 9.0    | 8.1     | 7.1     | 6.3     | 5.9     | 5.6     | 5.5      | 5.5      |
| 55°    | 13.5   | 10.8   | 9.0    | 8.0    | 7.0     | 6.1     | 5.5     | 5.7     | 5.7     | 5.5      | 5.7      |
| 52.5°  | 11.1   | 9.5    | 8.3    | 7.3    | 6.9     | 6.6     | 6.5     | 6.5     | 6.6     | 6.8      | 7.0      |
| 50°    | 9.9    | 8.8    | 8.3    | 7.6    | 7.6     | 7.6     | 7.6     | 7.9     | 8.3     | 8.4      | 8.3      |
| 47.5°  | 10.0   | 9.6    | 10.1   | 8.7    | 9.0     | 9.8     | 9.9     | 9.9     | 10.7    | 10.9     | 10.8     |
| 45°    | 12.6   | 15.2   | 15.3   | 14.1   | 13.4    | 16.3    | 16.5    | 15.0    | 23.0    | 22.5     | 17.0     |
| 42.5°  | 22.6   | 24.0   | 24.1   | 25.5   | 28.3    | 37.1    | 53.6    | 68.5    | 70.8    | 62.2     | 42.6     |
| 40°    | 36.4   | 35.1   | 37.9   | 45.5   | 67.5    | 87.6    | 102.7   | 148.0   | 147.7   | 115.5    | 116.4    |
| 37.5°  | 59.2   | 57.9   | 62.2   | 85.2   | 92.3    | 79.8    | 112.4   | 115.6   | 99.0    | 117.9    | 119.6    |
| 35°    | 102.0  | 115.7  | 100.9  | 125.2  | 126.4   | 113.1   | 121.4   | 135.4   | 115.5   | 138.2    | 148.0    |
| 32.5°  | 186.0  | 210.1  | 212.4  | 210.5  | 223.1   | 235.3   | 228.1   | 262.3   | 268.5   | 291.1    | 316.1    |
| 30°    | 302.2  | 348.6  | 384.0  | 377.2  | 398.0   | 434.5   | 446.5   | 498.7   | 550.8   | 583.0    | 662.1    |
| 27.5°  | 526.7  | 550.1  | 622.8  | 673.8  | 662.0   | 721.6   | 840.0   | 876.6   | 1026.0  | 1097.4   | 1200.5   |
| 25°    | 834.0  | 875.6  | 979.0  | 1100.4 | 1152.4  | 1252.4  | 1444.6  | 1536.7  | 1732.8  | 1833.0   | 2210.5   |
| 22.5°  | 1214.8 | 1355.5 | 1485.3 | 1648.4 | 1882.4  | 2081.1  | 2294.9  | 2654.3  | 3238.1  | 4076.9   | 5078.3   |
| 20°    | 1649.5 | 1885.3 | 2081.7 | 2382.9 | 2770.8  | 3144.6  | 3697.6  | 5292.1  | 6985.6  | 10518.0  | 12917.9  |
| 17.5°  | 2060.8 | 2435.1 | 2709.5 | 3109.6 | 3682.5  | 4618.1  | 6523.1  | 10087.3 | 15688.8 | 22531.4  | 29063.3  |
| 15°    | 2381.7 | 2764.3 | 3272.9 | 3876.7 | 4751.8  | 6582.8  | 10062.5 | 17107.4 | 27787.0 | 38213.8  | 49184.5  |
| 12.5°  | 2652.9 | 3057.6 | 3615.0 | 4432.9 | 5741.8  | 9032.9  | 15289.5 | 25901.6 | 39980.1 | 55502.3  | 71903.0  |
| 10°    | 2827.5 | 3318.9 | 3986.4 | 5066.7 | 7241.7  | 11917.4 | 20051.2 | 34271.7 | 53195.5 | 73461.3  | 91690.3  |
| 7.5°   | 2858.2 | 3457.8 | 4303.4 | 5617.4 | 8730.0  | 14926.5 | 25715.0 | 42443.6 | 63169.0 | 85994.1  | 108952.1 |
| 5°     | 2870.4 | 3587.2 | 4571.3 | 6050.1 | 9752.4  | 17103.2 | 28977.7 | 47679.1 | 70691.9 | 94133.5  | 118841.8 |
| 2.5°   | 2903.2 | 3714.2 | 4767.9 | 6352.8 | 10342.3 | 18401.1 | 30863.2 | 51429.3 | 75707.7 | 101162.5 | 128710.7 |
| 0°     | 2971.3 | 3847.2 | 4810.4 | 6404.3 | 10465.8 | 18428.6 | 31950.8 | 53578.3 | 78978.9 | 104696.6 | 133430.9 |
| -2.5°  | 3008.2 | 3830.2 | 4774.5 | 6299.1 | 10306.5 | 18431.5 | 30905.5 | 52083.1 | 77273.1 | 102365.3 | 131321.1 |
| -5°    | 2944.8 | 3659.1 | 4553.6 | 5981.5 | 9609.2  | 16957.6 | 28829.2 | 48222.7 | 71472.9 | 94033.6  | 117318.1 |
| -7.5°  | 2808.6 | 3418.5 | 4239.7 | 5530.7 | 8528.0  | 14672.9 | 25076.1 | 41000.8 | 60743.9 | 80357.2  | 98497.7  |
| -10°   | 2650.0 | 3163.4 | 3836.9 | 4876.2 | 7000.2  | 11601.7 | 19620.7 | 32150.7 | 49109.0 | 65946.2  | 81255.1  |
| -12.5° | 2478.8 | 2878.6 | 3377.3 | 4096.1 | 5418.4  | 8760.0  | 14870.0 | 24473.6 | 36199.7 | 48901.3  | 62806.6  |
| -15°   | 2332.6 | 2627.3 | 3005.3 | 3617.5 | 4626.1  | 6526.1  | 9981.5  | 16372.4 | 24780.8 | 34738.3  | 44988.5  |
| -17.5° | 2234.2 | 2453.4 | 2782.6 | 3249.6 | 3869.5  | 4998.1  | 7499.0  | 11288.0 | 16698.3 | 24150.7  | 30920.5  |
| -20°   | 2163.7 | 2369.8 | 2631.0 | 2998.7 | 3518.0  | 4313.6  | 5537.3  | 8148.8  | 11708.9 | 16539.3  | 21134.5  |



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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° | 2113.3 | 2298.8 | 2519.5 | 2815.4 | 3279.1 | 3900.9 | 4682.0 | 5949.5 | 8191.5 | 11040.0 | 14234.6 |
| -25°   | 2063.7 | 2217.6 | 2461.1 | 2779.2 | 3097.9 | 3542.9 | 4082.7 | 4705.0 | 5899.5 | 7165.9  | 9126.9  |
| -27.5° | 2007.1 | 2197.4 | 2469.5 | 2766.7 | 3053.8 | 3274.6 | 3657.9 | 4087.1 | 4719.5 | 5331.8  | 6339.2  |
| -30°   | 1965.8 | 2209.1 | 2479.8 | 2765.5 | 2986.7 | 3181.9 | 3396.2 | 3724.3 | 4133.5 | 4566.2  | 5029.3  |
| -32.5° | 1760.4 | 2173.0 | 2450.7 | 2706.9 | 2889.9 | 3071.2 | 3261.1 | 3488.7 | 3750.3 | 4024.4  | 4305.7  |
| -35°   | 1485.0 | 1924.5 | 2355.4 | 2556.2 | 2741.7 | 2924.6 | 3122.5 | 3306.9 | 3491.5 | 3676.9  | 3853.5  |
| -37.5° | 1147.6 | 1578.2 | 1985.3 | 2336.1 | 2549.0 | 2735.3 | 2946.4 | 3135.6 | 3297.4 | 3436.8  | 3572.7  |
| -40°   | 1002.5 | 1152.9 | 1546.7 | 1915.9 | 2225.8 | 2521.0 | 2719.9 | 2929.5 | 3110.1 | 3238.5  | 3354.0  |
| -42.5° | 962.6  | 1047.3 | 1134.6 | 1417.8 | 1759.9 | 2063.3 | 2333.2 | 2595.4 | 2843.5 | 3022.2  | 3159.5  |
| -45°   | 928.0  | 999.6  | 1074.4 | 1157.9 | 1241.3 | 1507.3 | 1787.9 | 2070.3 | 2362.4 | 2623.8  | 2835.5  |
| -47.5° | 863.9  | 950.7  | 1024.3 | 1093.4 | 1159.7 | 1235.4 | 1313.6 | 1426.0 | 1682.4 | 1944.0  | 2182.5  |
| -50°   | 784.7  | 866.0  | 948.1  | 1029.8 | 1091.3 | 1149.4 | 1208.8 | 1275.9 | 1350.6 | 1426.8  | 1491.1  |
| -52.5° | 698.4  | 773.2  | 849.0  | 921.1  | 989.9  | 1056.8 | 1122.0 | 1181.2 | 1236.8 | 1290.5  | 1322.1  |
| -55°   | 628.4  | 688.2  | 747.9  | 809.7  | 872.4  | 933.5  | 994.2  | 1055.4 | 1114.4 | 1170.6  | 1202.1  |
| -57.5° | 546.6  | 606.3  | 663.5  | 710.5  | 759.2  | 808.9  | 860.8  | 913.5  | 965.2  | 1013.3  | 1040.3  |
| -60°   | 457.9  | 509.7  | 559.2  | 604.9  | 650.0  | 694.0  | 736.6  | 778.4  | 818.5  | 853.5   | 874.7   |
| -62.5° | 368.6  | 410.7  | 451.8  | 490.7  | 528.5  | 565.7  | 605.5  | 643.2  | 678.7  | 707.5   | 725.1   |
| -65°   | 292.5  | 324.6  | 353.1  | 381.1  | 408.7  | 440.5  | 474.4  | 506.5  | 536.6  | 560.0   | 575.5   |
| -67.5° | 207.1  | 234.8  | 260.9  | 285.9  | 308.8  | 331.5  | 355.6  | 379.1  | 401.8  | 419.4   | 431.8   |
| -70°   | 130.5  | 148.0  | 165.2  | 183.6  | 203.7  | 223.6  | 243.5  | 261.8  | 278.5  | 291.1   | 300.5   |
| -72.5° | 71.2   | 79.5   | 88.3   | 101.4  | 113.9  | 127.2  | 140.9  | 153.8  | 165.8  | 174.3   | 180.6   |
| -75°   | 33.7   | 37.5   | 44.3   | 50.3   | 55.7   | 61.6   | 67.5   | 73.0   | 78.0   | 80.6    | 82.0    |
| -77.5° | 23.1   | 25.0   | 26.7   | 28.2   | 29.5   | 31.3   | 33.2   | 35.1   | 37.0   | 38.2    | 39.1    |
| -80°   | 17.3   | 18.0   | 18.8   | 19.5   | 20.3   | 21.1   | 21.8   | 22.6   | 23.2   | 23.8    | 24.4    |
| -82.5° | 12.4   | 12.9   | 13.2   | 13.6   | 13.9   | 14.5   | 15.0   | 15.5   | 16.0   | 16.4    | 16.9    |
| -85°   | 8.7    | 8.9    | 9.2    | 9.3    | 9.5    | 9.8    | 10.1   | 10.4   | 10.8   | 10.8    | 10.9    |
| -87.5° | 6.2    | 6.5    | 6.9    | 7.2    | 7.5    | 7.5    | 7.6    | 7.6    | 7.6    | 7.6     | 7.7     |
| -90°   | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 0.8     | 0.6     |



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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°    | 5.5      | 5.5      | 6.1      | 6.6      | 6.1      | 5.5      | 5.5      | 5.5      | 5.5      | 5.5     | 5.5     |
| 87.5°  | 0.3      | 0.0      | 0.5      | 1.1      | 0.5      | 0.0      | 0.3      | 0.6      | 0.8      | 1.1     | 1.1     |
| 85°    | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1     | 1.1     |
| 82.5°  | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1     | 1.1     |
| 80°    | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1     | 1.1     |
| 77.5°  | 1.1      | 1.1      | 1.6      | 2.2      | 1.6      | 1.1      | 1.1      | 1.1      | 1.1      | 1.1     | 1.3     |
| 75°    | 2.1      | 2.2      | 2.2      | 2.2      | 2.2      | 2.2      | 2.1      | 2.1      | 2.0      | 2.0     | 2.2     |
| 72.5°  | 5.3      | 5.4      | 5.5      | 5.5      | 5.5      | 5.4      | 5.3      | 5.1      | 4.9      | 4.8     | 5.0     |
| 70°    | 7.2      | 7.6      | 7.7      | 7.7      | 7.7      | 7.6      | 7.2      | 6.9      | 6.5      | 6.6     | 7.4     |
| 67.5°  | 8.7      | 8.8      | 8.8      | 8.8      | 8.8      | 8.8      | 8.7      | 8.5      | 8.3      | 8.5     | 9.3     |
| 65°    | 7.8      | 7.7      | 7.2      | 6.6      | 7.2      | 7.7      | 7.8      | 7.9      | 8.0      | 8.6     | 9.6     |
| 62.5°  | 6.4      | 6.6      | 6.6      | 6.6      | 6.6      | 6.6      | 6.4      | 6.2      | 6.2      | 7.0     | 8.2     |
| 60°    | 5.6      | 5.6      | 5.5      | 5.5      | 5.5      | 5.6      | 5.6      | 5.6      | 5.5      | 6.0     | 6.7     |
| 57.5°  | 5.5      | 5.5      | 5.9      | 6.6      | 5.9      | 5.5      | 5.5      | 5.5      | 5.5      | 5.6     | 5.9     |
| 55°    | 6.1      | 6.4      | 6.6      | 6.6      | 6.6      | 6.4      | 6.1      | 5.7      | 5.5      | 5.7     | 5.7     |
| 52.5°  | 6.9      | 6.7      | 6.6      | 6.6      | 6.6      | 6.7      | 6.9      | 7.0      | 6.8      | 6.6     | 6.5     |
| 50°    | 8.0      | 7.8      | 7.7      | 7.7      | 7.7      | 7.8      | 8.0      | 8.3      | 8.4      | 8.3     | 7.9     |
| 47.5°  | 10.6     | 10.1     | 9.9      | 9.9      | 9.9      | 10.1     | 10.6     | 10.8     | 10.9     | 10.7    | 9.9     |
| 45°    | 17.4     | 17.5     | 17.5     | 17.7     | 17.5     | 17.5     | 17.4     | 17.0     | 22.5     | 23.0    | 15.0    |
| 42.5°  | 40.9     | 35.4     | 30.6     | 30.9     | 30.6     | 35.4     | 40.9     | 42.6     | 62.2     | 70.8    | 68.5    |
| 40°    | 104.9    | 78.5     | 52.2     | 44.2     | 52.2     | 78.5     | 104.9    | 116.4    | 115.5    | 147.7   | 148.0   |
| 37.5°  | 108.0    | 110.2    | 129.7    | 174.5    | 129.7    | 110.2    | 108.0    | 119.6    | 117.9    | 99.0    | 115.6   |
| 35°    | 151.0    | 153.3    | 147.9    | 144.7    | 147.9    | 153.3    | 151.0    | 148.0    | 138.2    | 115.5   | 135.4   |
| 32.5°  | 321.1    | 335.3    | 333.6    | 324.7    | 333.6    | 335.3    | 321.1    | 316.1    | 291.1    | 268.5   | 262.3   |
| 30°    | 691.7    | 727.8    | 724.0    | 731.2    | 724.0    | 727.8    | 691.7    | 662.1    | 583.0    | 550.8   | 498.7   |
| 27.5°  | 1241.3   | 1286.0   | 1294.1   | 1284.6   | 1294.1   | 1286.0   | 1241.3   | 1200.5   | 1097.4   | 1026.0  | 876.6   |
| 25°    | 2464.0   | 2534.7   | 2508.9   | 2475.3   | 2508.9   | 2534.7   | 2464.0   | 2210.5   | 1833.0   | 1732.8  | 1536.7  |
| 22.5°  | 6249.0   | 6528.7   | 6500.0   | 6264.0   | 6500.0   | 6528.7   | 6249.0   | 5078.3   | 4076.9   | 3238.1  | 2654.3  |
| 20°    | 17168.4  | 19015.8  | 19819.7  | 18730.2  | 19819.7  | 19015.8  | 17168.4  | 12917.9  | 10518.0  | 6985.6  | 5292.1  |
| 17.5°  | 36339.3  | 41968.0  | 45970.1  | 47640.1  | 45970.1  | 41968.0  | 36339.3  | 29063.3  | 22531.4  | 15688.8 | 10087.3 |
| 15°    | 59441.7  | 67914.7  | 72842.4  | 72180.3  | 72842.4  | 67914.7  | 59441.7  | 49184.5  | 38213.8  | 27787.0 | 17107.4 |
| 12.5°  | 85474.3  | 95516.8  | 103839.3 | 104015.7 | 103839.3 | 95516.8  | 85474.3  | 71903.0  | 55502.3  | 39980.1 | 25901.6 |
| 10°    | 110654.5 | 124592.4 | 135951.7 | 138152.9 | 135951.7 | 124592.4 | 110654.5 | 91690.3  | 73461.3  | 53195.5 | 34271.7 |
| 7.5°   | 129545.2 | 150912.0 | 165171.1 | 170395.9 | 165171.1 | 150912.0 | 129545.2 | 108952.1 | 85994.1  | 63169.0 | 42443.6 |
| 5°     | 148213.8 | 170602.8 | 185131.9 | 187709.5 | 185131.9 | 170602.8 | 148213.8 | 118841.8 | 94133.5  | 70691.9 | 47679.1 |
| 2.5°   | 160805.5 | 183389.9 | 196104.2 | 204923.1 | 196104.2 | 183389.9 | 160805.5 | 128710.7 | 101162.5 | 75707.7 | 51429.3 |
| 0°     | 168181.2 | 186582.8 | 207620.9 | 217395.9 | 207620.9 | 186582.8 | 168181.2 | 133430.9 | 104696.6 | 78978.9 | 53578.3 |
| -2.5°  | 162604.6 | 183305.9 | 195350.6 | 206458.4 | 195350.6 | 183305.9 | 162604.6 | 131321.1 | 102365.3 | 77273.1 | 52083.1 |
| -5°    | 144135.2 | 166649.1 | 177290.0 | 178678.5 | 177290.0 | 166649.1 | 144135.2 | 117318.1 | 94033.6  | 71472.9 | 48222.7 |
| -7.5°  | 117775.5 | 138737.6 | 148954.1 | 154593.9 | 148954.1 | 138737.6 | 117775.5 | 98497.7  | 80357.2  | 60743.9 | 41000.8 |
| -10°   | 95340.4  | 107573.5 | 114451.1 | 114904.0 | 114451.1 | 107573.5 | 95340.4  | 81255.1  | 65946.2  | 49109.0 | 32150.7 |
| -12.5° | 73607.8  | 81813.3  | 85881.0  | 85732.3  | 85881.0  | 81813.3  | 73607.8  | 62806.6  | 48901.3  | 36199.7 | 24473.6 |
| -15°   | 54014.7  | 60389.6  | 64058.7  | 65818.0  | 64058.7  | 60389.6  | 54014.7  | 44988.5  | 34738.3  | 24780.8 | 16372.4 |
| -17.5° | 38125.4  | 43189.7  | 46866.2  | 48351.4  | 46866.2  | 43189.7  | 38125.4  | 30920.5  | 24150.7  | 16698.3 | 11288.0 |
| -20°   | 25991.3  | 29462.1  | 31847.3  | 32859.8  | 31847.3  | 29462.1  | 25991.3  | 21134.5  | 16539.3  | 11708.9 | 8148.8  |



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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° | 17120.1 | 19446.9 | 21082.3 | 20994.6 | 21082.3 | 19446.9 | 17120.1 | 14234.6 | 11040.0 | 8191.5 | 5949.5 |
| -25°   | 10913.9 | 12193.2 | 13033.2 | 13101.3 | 13033.2 | 12193.2 | 10913.9 | 9126.9  | 7165.9  | 5899.5 | 4705.0 |
| -27.5° | 7223.5  | 7785.9  | 8124.9  | 8183.8  | 8124.9  | 7785.9  | 7223.5  | 6339.2  | 5331.8  | 4719.5 | 4087.1 |
| -30°   | 5467.2  | 5726.0  | 5919.8  | 5911.7  | 5919.8  | 5726.0  | 5467.2  | 5029.3  | 4566.2  | 4133.5 | 3724.3 |
| -32.5° | 4545.0  | 4672.4  | 4757.3  | 4825.9  | 4757.3  | 4672.4  | 4545.0  | 4305.7  | 4024.4  | 3750.3 | 3488.7 |
| -35°   | 3974.7  | 4039.5  | 4086.9  | 4130.0  | 4086.9  | 4039.5  | 3974.7  | 3853.5  | 3676.9  | 3491.5 | 3306.9 |
| -37.5° | 3651.0  | 3695.8  | 3725.5  | 3735.7  | 3725.5  | 3695.8  | 3651.0  | 3572.7  | 3436.8  | 3297.4 | 3135.6 |
| -40°   | 3398.1  | 3423.4  | 3438.4  | 3447.4  | 3438.4  | 3423.4  | 3398.1  | 3354.0  | 3238.5  | 3110.1 | 2929.5 |
| -42.5° | 3208.4  | 3243.1  | 3261.0  | 3260.7  | 3261.0  | 3243.1  | 3208.4  | 3159.5  | 3022.2  | 2843.5 | 2595.4 |
| -45°   | 2956.9  | 3044.6  | 3097.8  | 3120.4  | 3097.8  | 3044.6  | 2956.9  | 2835.5  | 2623.8  | 2362.4 | 2070.3 |
| -47.5° | 2377.9  | 2544.5  | 2661.4  | 2722.8  | 2661.4  | 2544.5  | 2377.9  | 2182.5  | 1944.0  | 1682.4 | 1426.0 |
| -50°   | 1548.9  | 1604.6  | 1628.0  | 1618.2  | 1628.0  | 1604.6  | 1548.9  | 1491.1  | 1426.8  | 1350.6 | 1275.9 |
| -52.5° | 1345.5  | 1365.5  | 1377.6  | 1382.9  | 1377.6  | 1365.5  | 1345.5  | 1322.1  | 1290.5  | 1236.8 | 1181.2 |
| -55°   | 1228.6  | 1250.8  | 1265.1  | 1272.5  | 1265.1  | 1250.8  | 1228.6  | 1202.1  | 1170.6  | 1114.4 | 1055.4 |
| -57.5° | 1062.9  | 1080.8  | 1091.8  | 1096.8  | 1091.8  | 1080.8  | 1062.9  | 1040.3  | 1013.3  | 965.2  | 913.5  |
| -60°   | 892.8   | 907.5   | 917.1   | 922.3   | 917.1   | 907.5   | 892.8   | 874.7   | 853.5   | 818.5  | 778.4  |
| -62.5° | 739.4   | 750.2   | 759.8   | 766.6   | 759.8   | 750.2   | 739.4   | 725.1   | 707.5   | 678.7  | 643.2  |
| -65°   | 588.1   | 597.7   | 604.7   | 608.6   | 604.7   | 597.7   | 588.1   | 575.5   | 560.0   | 536.6  | 506.5  |
| -67.5° | 442.0   | 449.9   | 456.4   | 460.6   | 456.4   | 449.9   | 442.0   | 431.8   | 419.4   | 401.8  | 379.1  |
| -70°   | 308.2   | 314.0   | 319.6   | 323.6   | 319.6   | 314.0   | 308.2   | 300.5   | 291.1   | 278.5  | 261.8  |
| -72.5° | 185.6   | 189.2   | 190.9   | 191.1   | 190.9   | 189.2   | 185.6   | 180.6   | 174.3   | 165.8  | 153.8  |
| -75°   | 82.8    | 83.0    | 84.8    | 86.2    | 84.8    | 83.0    | 82.8    | 82.0    | 80.6    | 78.0   | 73.0   |
| -77.5° | 39.9    | 40.6    | 41.4    | 42.0    | 41.4    | 40.6    | 39.9    | 39.1    | 38.2    | 37.0   | 35.1   |
| -80°   | 24.8    | 25.3    | 25.4    | 25.4    | 25.4    | 25.3    | 24.8    | 24.4    | 23.8    | 23.2   | 22.6   |
| -82.5° | 17.3    | 17.6    | 17.7    | 17.7    | 17.7    | 17.6    | 17.3    | 16.9    | 16.4    | 16.0   | 15.5   |
| -85°   | 10.9    | 11.0    | 11.0    | 11.0    | 11.0    | 11.0    | 10.9    | 10.9    | 10.8    | 10.8   | 10.4   |
| -87.5° | 7.7     | 7.7     | 7.7     | 7.7     | 7.7     | 7.7     | 7.7     | 7.7     | 7.6     | 7.6    | 7.6    |
| -90°   | 0.3     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.3     | 0.6     | 0.8     | 1.1    | 1.1    |



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**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°   | 25°     | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°    | 5.5     | 5.5     | 5.5     | 5.2    | 5.0    | 4.7    | 4.4    | 4.4    | 4.4    | 4.4    | 4.4    |
| 87.5°  | 1.1     | 1.1     | 1.1     | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    |
| 85°    | 1.1     | 1.1     | 1.1     | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    |
| 82.5°  | 1.1     | 1.1     | 1.1     | 1.1    | 1.1    | 1.1    | 1.1    | 1.2    | 1.3    | 1.3    | 1.3    |
| 80°    | 1.1     | 1.1     | 1.1     | 1.3    | 1.4    | 1.4    | 1.4    | 1.6    | 1.8    | 1.9    | 2.0    |
| 77.5°  | 1.5     | 1.6     | 1.7     | 1.9    | 2.1    | 2.2    | 2.4    | 2.5    | 2.6    | 2.7    | 2.7    |
| 75°    | 2.4     | 2.6     | 2.8     | 3.1    | 3.3    | 3.3    | 3.2    | 3.1    | 3.1    | 3.2    | 3.2    |
| 72.5°  | 5.1     | 5.0     | 5.2     | 5.6    | 5.6    | 5.8    | 5.8    | 5.5    | 4.8    | 3.9    | 3.3    |
| 70°    | 8.1     | 8.5     | 9.4     | 10.6   | 11.4   | 11.6   | 11.3   | 10.4   | 8.9    | 7.8    | 6.2    |
| 67.5°  | 10.1    | 11.0    | 12.7    | 14.6   | 16.0   | 17.0   | 17.8   | 18.0   | 17.2   | 15.5   | 11.1   |
| 65°    | 10.7    | 11.8    | 13.4    | 15.0   | 16.9   | 19.2   | 22.7   | 24.4   | 24.5   | 23.3   | 18.0   |
| 62.5°  | 9.5     | 10.8    | 12.1    | 13.6   | 15.4   | 18.0   | 21.9   | 25.4   | 28.8   | 29.7   | 24.1   |
| 60°    | 7.7     | 8.9     | 9.8     | 11.1   | 12.8   | 16.2   | 20.6   | 24.7   | 28.7   | 28.9   | 27.1   |
| 57.5°  | 6.3     | 7.1     | 8.1     | 9.0    | 9.7    | 12.8   | 17.5   | 23.3   | 28.0   | 27.1   | 26.1   |
| 55°    | 5.5     | 6.1     | 7.0     | 8.0    | 9.0    | 10.8   | 13.5   | 17.8   | 23.0   | 24.7   | 23.8   |
| 52.5°  | 6.5     | 6.6     | 6.9     | 7.3    | 8.3    | 9.5    | 11.1   | 14.2   | 16.8   | 19.2   | 20.7   |
| 50°    | 7.6     | 7.6     | 7.6     | 7.6    | 8.3    | 8.8    | 9.9    | 11.6   | 13.4   | 15.4   | 17.0   |
| 47.5°  | 9.9     | 9.8     | 9.0     | 8.7    | 10.1   | 9.6    | 10.0   | 10.7   | 12.5   | 13.1   | 14.7   |
| 45°    | 16.5    | 16.3    | 13.4    | 14.1   | 15.3   | 15.2   | 12.6   | 13.7   | 13.9   | 14.0   | 13.3   |
| 42.5°  | 53.6    | 37.1    | 28.3    | 25.5   | 24.1   | 24.0   | 22.6   | 21.0   | 19.5   | 17.3   | 17.4   |
| 40°    | 102.7   | 87.6    | 67.5    | 45.5   | 37.9   | 35.1   | 36.4   | 31.8   | 28.6   | 24.8   | 25.9   |
| 37.5°  | 112.4   | 79.8    | 92.3    | 85.2   | 62.2   | 57.9   | 59.2   | 50.8   | 39.7   | 46.3   | 45.2   |
| 35°    | 121.4   | 113.1   | 126.4   | 125.2  | 100.9  | 115.7  | 102.0  | 82.5   | 72.8   | 83.2   | 74.9   |
| 32.5°  | 228.1   | 235.3   | 223.1   | 210.5  | 212.4  | 210.1  | 186.0  | 139.5  | 140.9  | 140.2  | 123.3  |
| 30°    | 446.5   | 434.5   | 398.0   | 377.2  | 384.0  | 348.6  | 302.2  | 293.8  | 258.6  | 212.2  | 185.1  |
| 27.5°  | 840.0   | 721.6   | 662.0   | 673.8  | 622.8  | 550.1  | 526.7  | 511.3  | 417.8  | 331.0  | 264.1  |
| 25°    | 1444.6  | 1252.4  | 1152.4  | 1100.4 | 979.0  | 875.6  | 834.0  | 777.0  | 656.5  | 484.3  | 367.5  |
| 22.5°  | 2294.9  | 2081.1  | 1882.4  | 1648.4 | 1485.3 | 1355.5 | 1214.8 | 1079.3 | 936.6  | 705.4  | 524.3  |
| 20°    | 3697.6  | 3144.6  | 2770.8  | 2382.9 | 2081.7 | 1885.3 | 1649.5 | 1417.9 | 1221.4 | 984.3  | 704.7  |
| 17.5°  | 6523.1  | 4618.1  | 3682.5  | 3109.6 | 2709.5 | 2435.1 | 2060.8 | 1719.4 | 1494.3 | 1281.4 | 897.9  |
| 15°    | 10062.5 | 6582.8  | 4751.8  | 3876.7 | 3272.9 | 2764.3 | 2381.7 | 1988.7 | 1756.5 | 1553.1 | 1130.7 |
| 12.5°  | 15289.5 | 9032.9  | 5741.8  | 4432.9 | 3615.0 | 3057.6 | 2652.9 | 2270.1 | 1968.8 | 1693.4 | 1296.8 |
| 10°    | 20051.2 | 11917.4 | 7241.7  | 5066.7 | 3986.4 | 3318.9 | 2827.5 | 2378.1 | 2026.6 | 1767.6 | 1435.2 |
| 7.5°   | 25715.0 | 14926.5 | 8730.0  | 5617.4 | 4303.4 | 3457.8 | 2858.2 | 2392.9 | 2060.8 | 1820.3 | 1546.9 |
| 5°     | 28977.7 | 17103.2 | 9752.4  | 6050.1 | 4571.3 | 3587.2 | 2870.4 | 2366.7 | 2074.5 | 1854.5 | 1633.1 |
| 2.5°   | 30863.2 | 18401.1 | 10342.3 | 6352.8 | 4767.9 | 3714.2 | 2903.2 | 2370.5 | 2091.2 | 1877.1 | 1666.3 |
| 0°     | 31950.8 | 18428.6 | 10465.8 | 6404.3 | 4810.4 | 3847.2 | 2971.3 | 2410.2 | 2105.3 | 1891.0 | 1677.8 |
| -2.5°  | 30905.5 | 18431.5 | 10306.5 | 6299.1 | 4774.5 | 3830.2 | 3008.2 | 2453.0 | 2139.2 | 1899.0 | 1673.3 |
| -5°    | 28829.2 | 16957.6 | 9609.2  | 5981.5 | 4553.6 | 3659.1 | 2944.8 | 2436.5 | 2130.9 | 1887.5 | 1649.4 |
| -7.5°  | 25076.1 | 14672.9 | 8528.0  | 5530.7 | 4239.7 | 3418.5 | 2808.6 | 2351.5 | 2051.1 | 1822.7 | 1574.3 |
| -10°   | 19620.7 | 11601.7 | 7000.2  | 4876.2 | 3836.9 | 3163.4 | 2650.0 | 2243.2 | 1961.1 | 1750.8 | 1485.1 |
| -12.5° | 14870.0 | 8760.0  | 5418.4  | 4096.1 | 3377.3 | 2878.6 | 2478.8 | 2126.5 | 1862.3 | 1673.2 | 1384.5 |
| -15°   | 9981.5  | 6526.1  | 4626.1  | 3617.5 | 3005.3 | 2627.3 | 2332.6 | 2053.0 | 1826.5 | 1614.1 | 1274.9 |
| -17.5° | 7499.0  | 4998.1  | 3869.5  | 3249.6 | 2782.6 | 2453.4 | 2234.2 | 2016.2 | 1807.1 | 1567.0 | 1173.2 |
| -20°   | 5537.3  | 4313.6  | 3518.0  | 2998.7 | 2631.0 | 2369.8 | 2163.7 | 1983.8 | 1776.2 | 1451.9 | 1049.8 |



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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° | 4682.0 | 3900.9 | 3279.1 | 2815.4 | 2519.5 | 2298.8 | 2113.3 | 1942.2 | 1731.6 | 1299.9 | 913.4 |
| -25°   | 4082.7 | 3542.9 | 3097.9 | 2779.2 | 2461.1 | 2217.6 | 2063.7 | 1886.3 | 1560.1 | 1129.0 | 785.8 |
| -27.5° | 3657.9 | 3274.6 | 3053.8 | 2766.7 | 2469.5 | 2197.4 | 2007.1 | 1798.5 | 1365.2 | 971.5  | 772.9 |
| -30°   | 3396.2 | 3181.9 | 2986.7 | 2765.5 | 2479.8 | 2209.1 | 1965.8 | 1570.5 | 1166.3 | 837.6  | 763.4 |
| -32.5° | 3261.1 | 3071.2 | 2889.9 | 2706.9 | 2450.7 | 2173.0 | 1760.4 | 1326.0 | 942.7  | 822.1  | 746.7 |
| -35°   | 3122.5 | 2924.6 | 2741.7 | 2556.2 | 2355.4 | 1924.5 | 1485.0 | 1065.3 | 878.2  | 799.4  | 724.3 |
| -37.5° | 2946.4 | 2735.3 | 2549.0 | 2336.1 | 1985.3 | 1578.2 | 1147.6 | 943.4  | 851.4  | 769.9  | 689.1 |
| -40°   | 2719.9 | 2521.0 | 2225.8 | 1915.9 | 1546.7 | 1152.9 | 1002.5 | 911.0  | 824.6  | 730.8  | 646.1 |
| -42.5° | 2333.2 | 2063.3 | 1759.9 | 1417.8 | 1134.6 | 1047.3 | 962.6  | 880.5  | 789.2  | 690.0  | 601.5 |
| -45°   | 1787.9 | 1507.3 | 1241.3 | 1157.9 | 1074.4 | 999.6  | 928.0  | 836.1  | 738.9  | 644.2  | 555.4 |
| -47.5° | 1313.6 | 1235.4 | 1159.7 | 1093.4 | 1024.3 | 950.7  | 863.9  | 775.4  | 681.0  | 592.9  | 517.9 |
| -50°   | 1208.8 | 1149.4 | 1091.3 | 1029.8 | 948.1  | 866.0  | 784.7  | 703.2  | 620.5  | 547.1  | 476.4 |
| -52.5° | 1122.0 | 1056.8 | 989.9  | 921.1  | 849.0  | 773.2  | 698.4  | 634.0  | 566.0  | 496.1  | 430.6 |
| -55°   | 994.2  | 933.5  | 872.4  | 809.7  | 747.9  | 688.2  | 628.4  | 566.6  | 502.9  | 439.0  | 378.8 |
| -57.5° | 860.8  | 808.9  | 759.2  | 710.5  | 663.5  | 606.3  | 546.6  | 488.9  | 433.2  | 376.0  | 323.3 |
| -60°   | 736.6  | 694.0  | 650.0  | 604.9  | 559.2  | 509.7  | 457.9  | 407.2  | 357.9  | 315.7  | 273.8 |
| -62.5° | 605.5  | 565.7  | 528.5  | 490.7  | 451.8  | 410.7  | 368.6  | 331.4  | 295.4  | 259.1  | 219.2 |
| -65°   | 474.4  | 440.5  | 408.7  | 381.1  | 353.1  | 324.6  | 292.5  | 259.7  | 227.3  | 195.9  | 160.9 |
| -67.5° | 355.6  | 331.5  | 308.8  | 285.9  | 260.9  | 234.8  | 207.1  | 180.2  | 157.1  | 134.5  | 107.2 |
| -70°   | 243.5  | 223.6  | 203.7  | 183.6  | 165.2  | 148.0  | 130.5  | 112.3  | 93.4   | 78.7   | 63.9  |
| -72.5° | 140.9  | 127.2  | 113.9  | 101.4  | 88.3   | 79.5   | 71.2   | 61.6   | 51.2   | 40.0   | 31.7  |
| -75°   | 67.5   | 61.6   | 55.7   | 50.3   | 44.3   | 37.5   | 33.7   | 31.2   | 28.6   | 26.1   | 23.5  |
| -77.5° | 33.2   | 31.3   | 29.5   | 28.2   | 26.7   | 25.0   | 23.1   | 21.5   | 20.4   | 19.3   | 18.3  |
| -80°   | 21.8   | 21.1   | 20.3   | 19.5   | 18.8   | 18.0   | 17.3   | 16.6   | 15.8   | 15.2   | 14.5  |
| -82.5° | 15.0   | 14.5   | 13.9   | 13.6   | 13.2   | 12.9   | 12.4   | 12.0   | 11.6   | 11.1   | 10.6  |
| -85°   | 10.1   | 9.8    | 9.5    | 9.3    | 9.2    | 8.9    | 8.7    | 8.5    | 8.4    | 8.2    | 8.0   |
| -87.5° | 7.6    | 7.5    | 7.5    | 7.2    | 6.9    | 6.5    | 6.2    | 6.1    | 6.1    | 6.0    | 6.0   |
| -90°   | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 1.1    | 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° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| 90°    | 4.4    | 4.4   | 4.4   | 4.4   | 4.1   | 3.9   | 3.6   | 3.3   | 3.3   | 3.3  | 3.3   |
| 87.5°  | 1.1    | 1.1   | 1.1   | 1.1   | 1.4   | 1.7   | 1.9   | 2.2   | 2.2   | 2.2  | 2.2   |
| 85°    | 1.2    | 1.3   | 1.3   | 1.3   | 1.4   | 1.7   | 1.9   | 2.2   | 2.2   | 2.2  | 2.2   |
| 82.5°  | 1.4    | 1.6   | 1.8   | 1.9   | 1.9   | 1.9   | 2.0   | 2.2   | 2.2   | 2.2  | 2.2   |
| 80°    | 2.0    | 2.0   | 2.1   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.4   | 2.4  | 2.4   |
| 77.5°  | 2.5    | 2.3   | 2.2   | 2.2   | 2.2   | 2.2   | 2.2   | 2.3   | 2.5   | 2.6  | 2.6   |
| 75°    | 2.9    | 2.6   | 2.3   | 2.2   | 2.3   | 2.2   | 2.2   | 2.3   | 2.6   | 2.8  | 2.9   |
| 72.5°  | 3.2    | 2.9   | 2.5   | 2.3   | 2.5   | 2.5   | 2.4   | 2.3   | 2.6   | 2.8  | 3.1   |
| 70°    | 4.7    | 3.6   | 3.1   | 2.9   | 2.8   | 2.9   | 2.8   | 2.7   | 2.6   | 2.9  | 3.1   |
| 67.5°  | 7.2    | 5.5   | 4.2   | 3.4   | 3.1   | 3.1   | 3.2   | 3.0   | 2.9   | 2.9  | 3.2   |
| 65°    | 13.0   | 8.7   | 5.4   | 4.3   | 3.6   | 3.3   | 3.3   | 3.3   | 3.1   | 3.1  | 3.2   |
| 62.5°  | 18.5   | 12.9  | 8.8   | 5.7   | 4.0   | 3.5   | 3.3   | 3.4   | 3.3   | 3.2  | 3.2   |
| 60°    | 24.1   | 18.0  | 12.6  | 8.8   | 5.5   | 3.6   | 3.4   | 3.6   | 3.5   | 3.3  | 3.3   |
| 57.5°  | 24.3   | 22.3  | 17.7  | 12.4  | 8.2   | 4.8   | 3.5   | 3.8   | 3.8   | 3.5  | 3.3   |
| 55°    | 23.2   | 22.1  | 21.1  | 16.9  | 11.3  | 7.1   | 4.4   | 4.0   | 4.0   | 3.8  | 3.4   |
| 52.5°  | 20.6   | 21.7  | 21.9  | 20.1  | 15.2  | 9.6   | 6.5   | 4.3   | 4.3   | 4.1  | 3.6   |
| 50°    | 17.9   | 20.8  | 22.4  | 21.6  | 18.5  | 13.2  | 8.4   | 5.8   | 4.7   | 4.4  | 4.0   |
| 47.5°  | 16.8   | 20.2  | 22.5  | 23.1  | 20.6  | 16.8  | 11.2  | 7.3   | 5.1   | 4.8  | 4.3   |
| 45°    | 17.0   | 19.7  | 22.7  | 23.9  | 22.8  | 19.3  | 14.3  | 8.6   | 6.2   | 5.1  | 4.6   |
| 42.5°  | 18.3   | 20.7  | 22.7  | 25.2  | 24.3  | 21.3  | 17.4  | 11.1  | 7.3   | 5.5  | 4.9   |
| 40°    | 24.8   | 23.1  | 23.6  | 26.3  | 26.1  | 23.2  | 19.3  | 13.7  | 8.2   | 5.9  | 5.1   |
| 37.5°  | 33.6   | 29.4  | 26.7  | 30.1  | 28.8  | 25.3  | 21.0  | 16.2  | 9.4   | 6.7  | 5.4   |
| 35°    | 57.3   | 39.5  | 39.2  | 39.4  | 34.2  | 27.6  | 22.6  | 18.3  | 11.7  | 7.4  | 5.7   |
| 32.5°  | 87.3   | 68.0  | 66.2  | 55.1  | 41.7  | 30.4  | 24.6  | 20.1  | 14.0  | 8.0  | 6.0   |
| 30°    | 145.5  | 130.8 | 103.6 | 75.5  | 53.4  | 37.5  | 27.5  | 21.9  | 16.2  | 8.5  | 6.3   |
| 27.5°  | 241.2  | 208.3 | 154.2 | 109.9 | 73.0  | 46.6  | 31.5  | 23.8  | 18.4  | 9.5  | 6.7   |
| 25°    | 340.0  | 298.1 | 229.4 | 154.1 | 95.8  | 65.1  | 36.1  | 25.9  | 20.2  | 11.2 | 7.1   |
| 22.5°  | 435.7  | 391.4 | 314.2 | 204.3 | 129.0 | 88.9  | 46.2  | 29.5  | 21.8  | 12.9 | 7.5   |
| 20°    | 528.9  | 487.0 | 401.1 | 250.1 | 168.0 | 118.0 | 63.5  | 33.4  | 23.3  | 14.5 | 7.8   |
| 17.5°  | 631.9  | 560.6 | 449.9 | 303.7 | 206.7 | 147.3 | 83.5  | 37.4  | 24.9  | 16.1 | 8.1   |
| 15°    | 758.3  | 604.2 | 496.9 | 351.4 | 241.2 | 176.6 | 105.6 | 41.6  | 26.3  | 17.4 | 8.4   |
| 12.5°  | 871.5  | 644.4 | 543.2 | 393.2 | 271.7 | 205.5 | 128.9 | 45.8  | 27.8  | 19.1 | 8.9   |
| 10°    | 977.7  | 681.4 | 587.9 | 429.2 | 298.6 | 233.7 | 152.7 | 50.5  | 30.0  | 20.9 | 9.3   |
| 7.5°   | 1074.8 | 715.3 | 630.0 | 459.7 | 320.6 | 253.2 | 167.4 | 56.3  | 32.4  | 22.5 | 9.8   |
| 5°     | 1154.0 | 742.2 | 659.3 | 480.5 | 331.5 | 262.5 | 178.1 | 61.9  | 34.6  | 24.0 | 10.2  |
| 2.5°   | 1191.2 | 760.7 | 677.3 | 496.1 | 340.6 | 269.8 | 186.0 | 67.1  | 36.8  | 25.4 | 10.6  |
| 0°     | 1210.6 | 776.5 | 689.3 | 507.0 | 347.9 | 275.0 | 191.1 | 71.8  | 38.7  | 26.5 | 11.0  |
| -2.5°  | 1213.4 | 780.0 | 692.3 | 518.1 | 359.5 | 282.6 | 197.9 | 84.6  | 48.6  | 32.6 | 14.4  |
| -5°    | 1198.2 | 780.5 | 690.1 | 524.4 | 368.8 | 288.0 | 202.3 | 96.5  | 58.1  | 38.3 | 17.8  |
| -7.5°  | 1146.2 | 768.8 | 678.3 | 524.9 | 375.5 | 291.4 | 205.0 | 107.5 | 67.1  | 43.6 | 20.9  |
| -10°   | 1072.9 | 748.1 | 655.4 | 516.0 | 381.7 | 296.1 | 207.2 | 117.4 | 75.2  | 48.2 | 23.7  |
| -12.5° | 983.2  | 724.9 | 632.0 | 505.2 | 386.4 | 302.5 | 214.1 | 127.4 | 82.5  | 52.2 | 26.1  |
| -15°   | 877.8  | 699.3 | 609.3 | 493.4 | 389.2 | 307.6 | 219.0 | 136.2 | 89.1  | 55.7 | 28.0  |
| -17.5° | 761.9  | 671.3 | 588.6 | 481.5 | 390.2 | 311.8 | 221.8 | 143.0 | 94.6  | 58.7 | 29.9  |
| -20°   | 736.2  | 654.7 | 570.4 | 470.2 | 389.5 | 315.1 | 222.7 | 147.5 | 99.0  | 60.8 | 31.4  |



REPORT NUMBER: P731338 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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° | 726.3 | 647.3 | 558.7 | 465.0 | 388.5 | 317.9 | 221.6 | 149.5 | 102.1 | 61.8 | 32.3  |
| -25°   | 716.1 | 638.2 | 545.4 | 457.8 | 388.3 | 314.1 | 221.0 | 148.9 | 103.8 | 61.6 | 32.5  |
| -27.5° | 704.1 | 625.6 | 528.8 | 446.3 | 380.4 | 308.3 | 219.6 | 150.3 | 103.9 | 60.2 | 31.9  |
| -30°   | 690.6 | 604.1 | 512.0 | 431.9 | 369.7 | 292.6 | 214.6 | 150.1 | 102.0 | 58.8 | 30.4  |
| -32.5° | 671.3 | 579.3 | 491.2 | 417.9 | 352.1 | 275.5 | 203.5 | 147.9 | 98.4  | 57.1 | 29.4  |
| -35°   | 638.6 | 550.7 | 466.0 | 400.5 | 331.5 | 259.3 | 191.8 | 143.8 | 93.2  | 54.2 | 28.1  |
| -37.5° | 602.4 | 518.2 | 443.8 | 378.8 | 310.0 | 241.5 | 182.7 | 134.7 | 86.2  | 50.1 | 26.2  |
| -40°   | 564.2 | 486.6 | 419.3 | 354.5 | 288.5 | 222.2 | 171.7 | 123.3 | 79.6  | 44.7 | 23.6  |
| -42.5° | 523.8 | 456.8 | 392.3 | 329.4 | 265.9 | 207.9 | 158.7 | 110.2 | 71.2  | 40.1 | 20.3  |
| -45°   | 488.2 | 424.5 | 363.1 | 302.2 | 242.7 | 191.5 | 142.2 | 96.0  | 61.5  | 35.6 | 17.6  |
| -47.5° | 450.0 | 390.5 | 331.2 | 272.8 | 221.9 | 172.5 | 123.9 | 83.6  | 50.6  | 30.1 | 16.5  |
| -50°   | 411.0 | 353.6 | 296.7 | 245.1 | 198.2 | 149.9 | 104.8 | 69.7  | 43.1  | 23.6 | 15.1  |
| -52.5° | 369.6 | 313.6 | 263.1 | 216.8 | 170.2 | 125.1 | 87.5  | 55.2  | 34.9  | 20.1 | 13.5  |
| -55°   | 322.9 | 274.7 | 229.7 | 184.0 | 139.6 | 102.2 | 68.5  | 45.0  | 26.0  | 17.9 | 11.8  |
| -57.5° | 278.6 | 235.8 | 191.0 | 147.8 | 110.7 | 78.5  | 53.2  | 34.0  | 21.8  | 15.5 | 11.2  |
| -60°   | 232.5 | 189.8 | 148.5 | 113.8 | 82.4  | 58.0  | 39.9  | 25.1  | 18.9  | 13.3 | 10.5  |
| -62.5° | 179.9 | 142.4 | 110.2 | 80.3  | 58.7  | 41.7  | 27.7  | 21.5  | 15.8  | 12.4 | 9.7   |
| -65°   | 129.5 | 99.5  | 72.2  | 55.5  | 39.6  | 28.0  | 23.3  | 17.8  | 14.2  | 11.5 | 9.0   |
| -67.5° | 80.7  | 63.7  | 47.9  | 33.4  | 27.1  | 22.9  | 18.6  | 15.6  | 12.9  | 10.4 | 8.5   |
| -70°   | 49.2  | 35.4  | 28.9  | 25.3  | 21.6  | 18.2  | 16.3  | 14.1  | 11.7  | 9.7  | 8.0   |
| -72.5° | 28.6  | 25.5  | 22.5  | 19.5  | 17.7  | 15.9  | 14.3  | 12.6  | 10.7  | 8.9  | 7.4   |
| -75°   | 20.9  | 19.4  | 18.0  | 16.5  | 15.0  | 13.7  | 12.6  | 11.3  | 9.7   | 8.1  | 6.7   |
| -77.5° | 17.1  | 16.0  | 14.8  | 13.7  | 12.7  | 11.8  | 11.0  | 10.1  | 8.6   | 7.3  | 6.1   |
| -80°   | 13.6  | 12.7  | 11.9  | 11.2  | 10.5  | 9.9   | 9.4   | 8.8   | 7.5   | 6.4  | 5.4   |
| -82.5° | 10.0  | 9.7   | 9.3   | 9.0   | 8.6   | 8.2   | 7.9   | 7.4   | 6.4   | 5.5  | 4.8   |
| -85°   | 7.8   | 7.5   | 7.3   | 7.1   | 6.8   | 6.6   | 6.4   | 6.1   | 5.4   | 4.8  | 4.3   |
| -87.5° | 5.9   | 5.8   | 5.7   | 5.7   | 5.5   | 5.2   | 5.0   | 4.7   | 4.4   | 4.1  | 3.8   |
| -90°   | 1.1   | 1.1   | 1.1   | 1.1   | 1.4   | 1.7   | 1.9   | 2.2   | 2.2   | 2.2  | 2.2   |



REPORT NUMBER: P731338 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-80-3S-CV1

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| 90°    | 3.3  | 3.3   | 3.3 | 3.3   | 3.3 | 2.7   | 2.2 |
| 87.5°  | 2.2  | 2.3   | 2.3 | 2.3   | 2.3 | 2.2   | 2.2 |
| 85°    | 2.2  | 2.3   | 2.4 | 2.4   | 2.4 | 2.3   | 2.2 |
| 82.5°  | 2.2  | 2.4   | 2.5 | 2.5   | 2.5 | 2.3   | 2.2 |
| 80°    | 2.3  | 2.5   | 2.6 | 2.6   | 2.6 | 2.4   | 2.2 |
| 77.5°  | 2.5  | 2.6   | 2.7 | 2.7   | 2.7 | 2.4   | 2.2 |
| 75°    | 2.8  | 2.7   | 2.8 | 2.9   | 2.8 | 2.5   | 2.2 |
| 72.5°  | 3.1  | 2.9   | 2.9 | 3.0   | 2.9 | 2.5   | 2.2 |
| 70°    | 3.3  | 3.1   | 3.0 | 3.1   | 3.0 | 2.6   | 2.2 |
| 67.5°  | 3.3  | 3.2   | 3.1 | 3.1   | 3.0 | 2.6   | 2.2 |
| 65°    | 3.3  | 3.3   | 3.2 | 3.2   | 3.1 | 2.7   | 2.2 |
| 62.5°  | 3.3  | 3.3   | 3.2 | 3.2   | 3.2 | 2.7   | 2.2 |
| 60°    | 3.3  | 3.3   | 3.3 | 3.2   | 3.3 | 2.7   | 2.2 |
| 57.5°  | 3.3  | 3.3   | 3.3 | 3.2   | 3.3 | 2.8   | 2.2 |
| 55°    | 3.4  | 3.3   | 3.3 | 3.3   | 3.3 | 2.8   | 2.2 |
| 52.5°  | 3.5  | 3.3   | 3.3 | 3.3   | 3.3 | 2.9   | 2.2 |
| 50°    | 3.6  | 3.4   | 3.3 | 3.3   | 3.3 | 2.9   | 2.2 |
| 47.5°  | 3.8  | 3.5   | 3.3 | 3.3   | 3.3 | 2.9   | 2.2 |
| 45°    | 4.0  | 3.6   | 3.3 | 3.3   | 3.3 | 3.0   | 2.2 |
| 42.5°  | 4.3  | 3.8   | 3.3 | 3.3   | 3.3 | 3.0   | 2.2 |
| 40°    | 4.5  | 3.9   | 3.4 | 3.3   | 3.3 | 3.0   | 2.2 |
| 37.5°  | 4.7  | 4.1   | 3.5 | 3.3   | 3.3 | 3.1   | 2.2 |
| 35°    | 5.0  | 4.2   | 3.6 | 3.3   | 3.3 | 3.1   | 2.2 |
| 32.5°  | 5.2  | 4.4   | 3.7 | 3.3   | 3.3 | 3.1   | 2.2 |
| 30°    | 5.4  | 4.6   | 3.8 | 3.3   | 3.3 | 3.2   | 2.2 |
| 27.5°  | 5.6  | 4.8   | 3.9 | 3.3   | 3.3 | 3.2   | 2.2 |
| 25°    | 5.8  | 4.9   | 4.0 | 3.3   | 3.3 | 3.2   | 2.2 |
| 22.5°  | 6.0  | 5.1   | 4.1 | 3.3   | 3.3 | 3.2   | 2.2 |
| 20°    | 6.2  | 5.2   | 4.1 | 3.3   | 3.3 | 3.2   | 2.2 |
| 17.5°  | 6.3  | 5.2   | 4.2 | 3.3   | 3.3 | 3.2   | 2.2 |
| 15°    | 6.5  | 5.3   | 4.2 | 3.3   | 3.3 | 3.3   | 2.2 |
| 12.5°  | 6.8  | 5.4   | 4.3 | 3.3   | 3.3 | 3.3   | 2.2 |
| 10°    | 7.0  | 5.4   | 4.3 | 3.3   | 3.3 | 3.3   | 2.2 |
| 7.5°   | 7.2  | 5.5   | 4.4 | 3.3   | 3.3 | 3.3   | 2.2 |
| 5°     | 7.4  | 5.5   | 4.4 | 3.3   | 3.3 | 3.3   | 2.2 |
| 2.5°   | 7.5  | 5.5   | 4.4 | 3.3   | 3.3 | 3.3   | 2.2 |
| 0°     | 7.7  | 5.5   | 4.4 | 3.3   | 3.3 | 3.3   | 2.2 |
| -2.5°  | 9.0  | 6.0   | 4.6 | 3.4   | 3.3 | 3.3   | 2.2 |
| -5°    | 10.3 | 6.4   | 4.8 | 3.6   | 3.4 | 3.3   | 2.2 |
| -7.5°  | 11.5 | 6.9   | 4.9 | 3.7   | 3.4 | 3.3   | 2.2 |
| -10°   | 12.5 | 7.3   | 5.1 | 3.9   | 3.5 | 3.3   | 2.2 |
| -12.5° | 13.5 | 7.6   | 5.3 | 4.0   | 3.5 | 3.3   | 2.2 |
| -15°   | 14.2 | 7.9   | 5.4 | 4.1   | 3.6 | 3.3   | 2.2 |
| -17.5° | 14.8 | 8.2   | 5.5 | 4.2   | 3.6 | 3.3   | 2.2 |
| -20°   | 15.4 | 8.4   | 5.7 | 4.3   | 3.6 | 3.2   | 2.2 |



REPORT NUMBER: P731338 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-80-3S-CV1

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 15.9 | 8.5   | 5.8 | 4.4   | 3.7 | 3.2   | 2.2 |
| -25°   | 16.0 | 8.6   | 5.9 | 4.5   | 3.7 | 3.2   | 2.2 |
| -27.5° | 15.8 | 8.7   | 5.9 | 4.6   | 3.7 | 3.2   | 2.2 |
| -30°   | 15.1 | 8.6   | 6.0 | 4.6   | 3.7 | 3.2   | 2.2 |
| -32.5° | 14.0 | 8.5   | 6.1 | 4.7   | 3.7 | 3.2   | 2.2 |
| -35°   | 13.5 | 8.2   | 6.1 | 4.7   | 3.7 | 3.2   | 2.2 |
| -37.5° | 13.2 | 8.0   | 6.1 | 4.7   | 3.7 | 3.1   | 2.2 |
| -40°   | 12.7 | 8.0   | 6.1 | 4.7   | 3.7 | 3.1   | 2.2 |
| -42.5° | 12.0 | 7.9   | 6.0 | 4.6   | 3.7 | 3.1   | 2.2 |
| -45°   | 11.2 | 7.8   | 6.0 | 4.6   | 3.6 | 3.1   | 2.2 |
| -47.5° | 10.2 | 7.7   | 5.9 | 4.5   | 3.6 | 3.1   | 2.2 |
| -50°   | 9.9  | 7.5   | 5.8 | 4.5   | 3.5 | 3.1   | 2.2 |
| -52.5° | 9.5  | 7.2   | 5.7 | 4.4   | 3.5 | 3.0   | 2.2 |
| -55°   | 9.1  | 7.0   | 5.5 | 4.3   | 3.4 | 3.0   | 2.2 |
| -57.5° | 8.6  | 6.8   | 5.4 | 4.2   | 3.4 | 3.0   | 2.2 |
| -60°   | 8.1  | 6.5   | 5.2 | 4.1   | 3.3 | 3.0   | 2.2 |
| -62.5° | 7.7  | 6.3   | 5.0 | 4.0   | 3.3 | 3.0   | 2.2 |
| -65°   | 7.4  | 6.0   | 4.8 | 3.8   | 3.3 | 3.0   | 2.2 |
| -67.5° | 6.9  | 5.7   | 4.6 | 3.7   | 3.3 | 2.9   | 2.2 |
| -70°   | 6.5  | 5.3   | 4.4 | 3.6   | 3.3 | 2.9   | 2.2 |
| -72.5° | 6.0  | 5.0   | 4.1 | 3.5   | 3.3 | 2.9   | 2.2 |
| -75°   | 5.5  | 4.6   | 3.9 | 3.5   | 3.3 | 2.9   | 2.2 |
| -77.5° | 5.0  | 4.2   | 3.8 | 3.5   | 3.3 | 2.9   | 2.2 |
| -80°   | 4.4  | 4.0   | 3.7 | 3.4   | 3.3 | 2.8   | 2.2 |
| -82.5° | 4.1  | 3.8   | 3.6 | 3.4   | 3.3 | 2.8   | 2.2 |
| -85°   | 3.9  | 3.7   | 3.5 | 3.4   | 3.3 | 2.8   | 2.2 |
| -87.5° | 3.6  | 3.5   | 3.4 | 3.3   | 3.3 | 2.8   | 2.2 |
| -90°   | 2.2  | 2.2   | 2.2 | 2.2   | 2.2 | 2.2   | 2.2 |

(END OF REPORT)

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

Scaled Data Report



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

Scaled Data Report





Horizontal Angle (degrees)



Horizontal Angle (degrees)



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

Scaled Data Report

