

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: P701428 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0640L-40-70-2S-HEG-S**

Issue Date: 8/15/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P701428 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 8/15/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-LS-08-0640L-40-70-2S-HEG-S  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

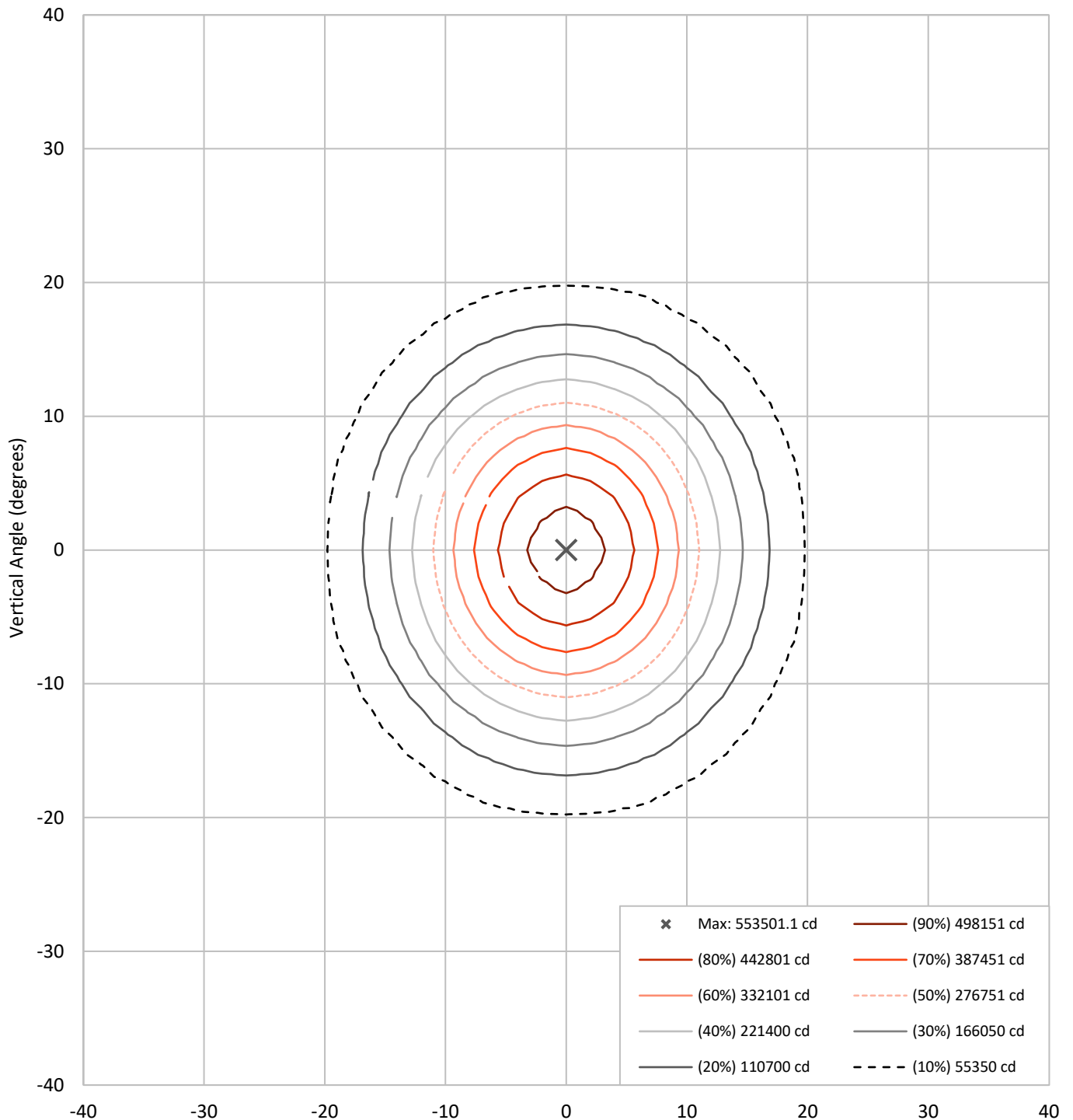
**Summary**

|                   |                                      |                      |                  |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 3H x 3V          |
| Luminaire Lumens: | 99703 lumens                         | Max Intensity:       | 553501.1 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 149.7 lumens/watt                    |                      |                  |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%): | 22°H x 22°V                          | Field Angle (10%):   | 39.6°H x 39.6°V  |
| Beam Lumens:      | 44065.4 lumens                       | Field Lumens:        | 81840 lumens     |
| Beam Efficiency:  | 44.2%                                | Field Efficiency:    | 82.1%            |

Input Watts (W): 666.2  
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





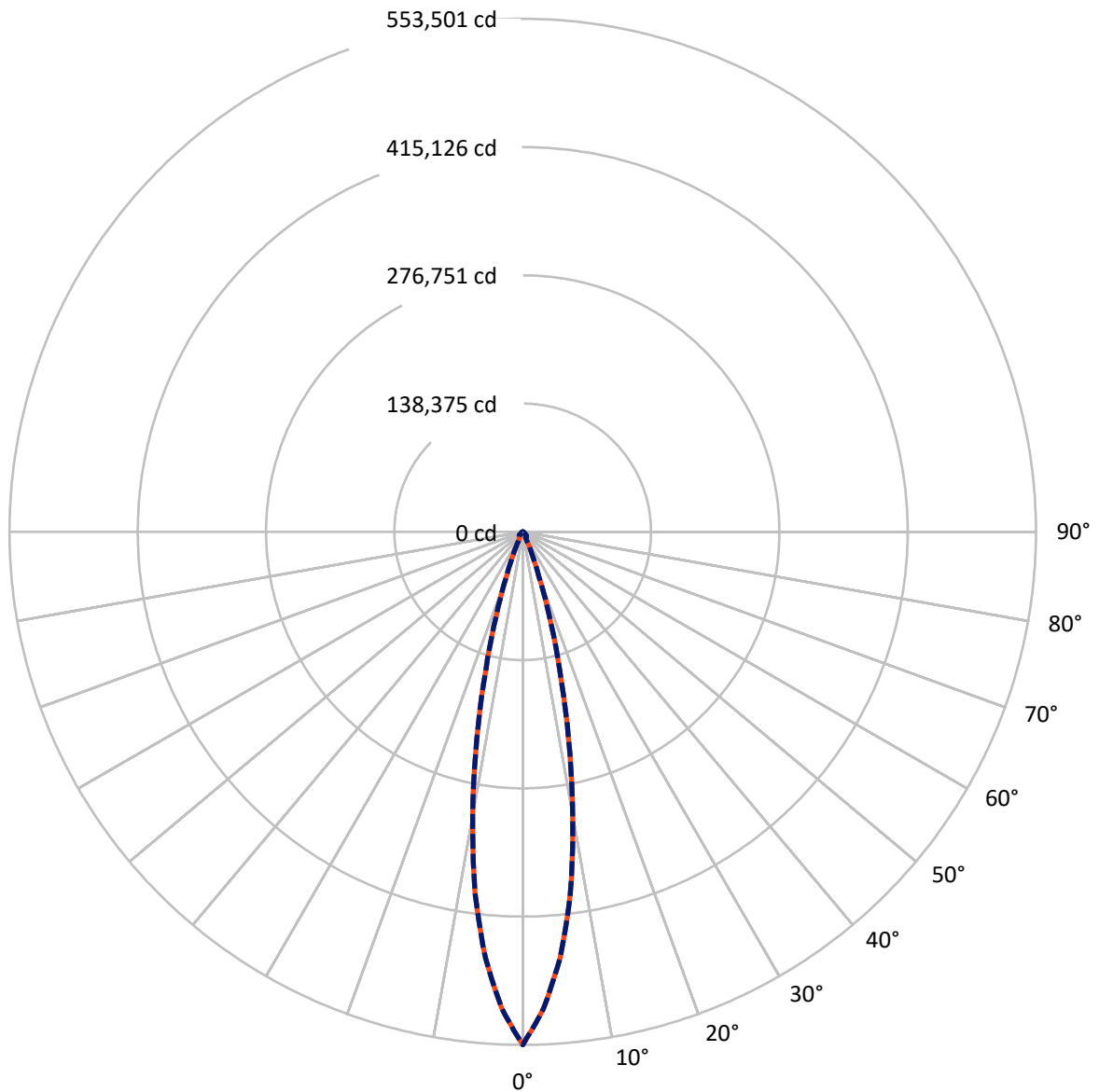
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### Lumen Table

|     |     |      |      |       |       |       |        |         |         |        |       |       |       |      |      |     |
|-----|-----|------|------|-------|-------|-------|--------|---------|---------|--------|-------|-------|-------|------|------|-----|
| 90  | 0.2 | 1.0  | 3.5  | 8.8   | 11.6  | 8.8   | 3.5    | 1.0     | 0.2     |        |       |       |       |      |      |     |
| 80  | 0.2 | 1.0  | 3.5  | 8.8   | 11.6  | 8.8   | 3.5    | 1.0     | 0.2     |        |       |       |       |      |      |     |
| 70  | 0.5 | 0.5  | 2.1  | 6.3   | 12.5  | 19.2  | 24.7   | 27.8    | 27.8    | 24.7   | 19.2  | 12.5  | 6.3   | 2.1  | 0.5  | 0.5 |
| 60  |     | 1.6  | 7.4  | 17.7  | 30.7  | 42.6  | 50.8   | 55.0    | 55.0    | 50.8   | 42.6  | 30.7  | 17.7  | 7.4  | 1.6  |     |
| 50  | 1.1 | 3.9  | 14.5 | 30.8  | 46.9  | 76.0  | 116.3  | 139.3   | 139.3   | 116.3  | 76.0  | 46.9  | 30.8  | 14.5 | 3.9  | 1.1 |
| 40  |     | 6.7  | 21.7 | 40.6  | 89.6  | 153.8 | 180.2  | 189.5   | 189.5   | 180.2  | 153.8 | 89.6  | 40.6  | 21.7 | 6.7  |     |
| 30  | 2.5 | 9.2  | 27.2 | 59.9  | 139.2 | 173.2 | 236.8  | 483.3   | 483.3   | 236.8  | 173.2 | 139.2 | 59.9  | 27.2 | 9.2  | 2.5 |
| 20  |     | 11.2 | 30.4 | 86.3  | 153.0 | 222.9 | 1410.1 | 4178.5  | 4178.5  | 1410.1 | 222.9 | 153.0 | 86.3  | 30.4 | 11.2 |     |
| 10  | 3.2 | 12.2 | 31.9 | 100.0 | 155.9 | 445.5 | 4072.4 | 11452.8 | 11452.8 | 4072.4 | 445.5 | 155.9 | 100.0 | 31.9 | 12.2 | 3.2 |
| 0   |     | 12.2 | 31.9 | 100.0 | 155.9 | 445.5 | 4072.4 | 11452.8 | 11452.8 | 4072.4 | 445.5 | 155.9 | 100.0 | 31.9 | 12.2 |     |
| -10 | 2.5 | 11.2 | 30.4 | 86.3  | 153.0 | 222.9 | 1410.1 | 4178.5  | 4178.5  | 1410.1 | 222.9 | 153.0 | 86.3  | 30.4 | 11.2 | 2.5 |
| -20 |     | 9.2  | 27.2 | 59.9  | 139.2 | 173.2 | 236.8  | 483.3   | 483.3   | 236.8  | 173.2 | 139.2 | 59.9  | 27.2 | 9.2  |     |
| -30 | 1.1 | 6.7  | 21.7 | 40.6  | 89.6  | 153.8 | 180.2  | 189.5   | 189.5   | 180.2  | 153.8 | 89.6  | 40.6  | 21.7 | 6.7  | 1.1 |
| -40 |     | 3.9  | 14.5 | 30.8  | 46.9  | 76.0  | 116.3  | 139.3   | 139.3   | 116.3  | 76.0  | 46.9  | 30.8  | 14.5 | 3.9  |     |
| -50 | 0.5 | 1.6  | 7.4  | 17.7  | 30.7  | 42.6  | 50.8   | 55.0    | 55.0    | 50.8   | 42.6  | 30.7  | 17.7  | 7.4  | 1.6  | 0.5 |
| -60 |     | 0.5  | 2.1  | 6.3   | 12.5  | 19.2  | 24.7   | 27.8    | 27.8    | 24.7   | 19.2  | 12.5  | 6.3   | 2.1  | 0.5  |     |
| -70 | 0.2 | 1.0  | 3.5  | 8.8   | 11.6  | 8.8   | 3.5    | 1.0     | 0.2     |        |       |       |       |      |      |     |
| -80 |     | 0.2  | 1.0  | 3.5   | 8.8   | 11.6  | 8.8    | 3.5     | 1.0     | 0.2    |       |       |       |      |      |     |
| -90 | 0.2 | 1.0  | 3.5  | 8.8   | 11.6  | 8.8   | 3.5    | 1.0     | 0.2     |        |       |       |       |      |      |     |

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CATALOG NUMBER: EPH-LS-08-0640L-40-70-2S-HEG-S

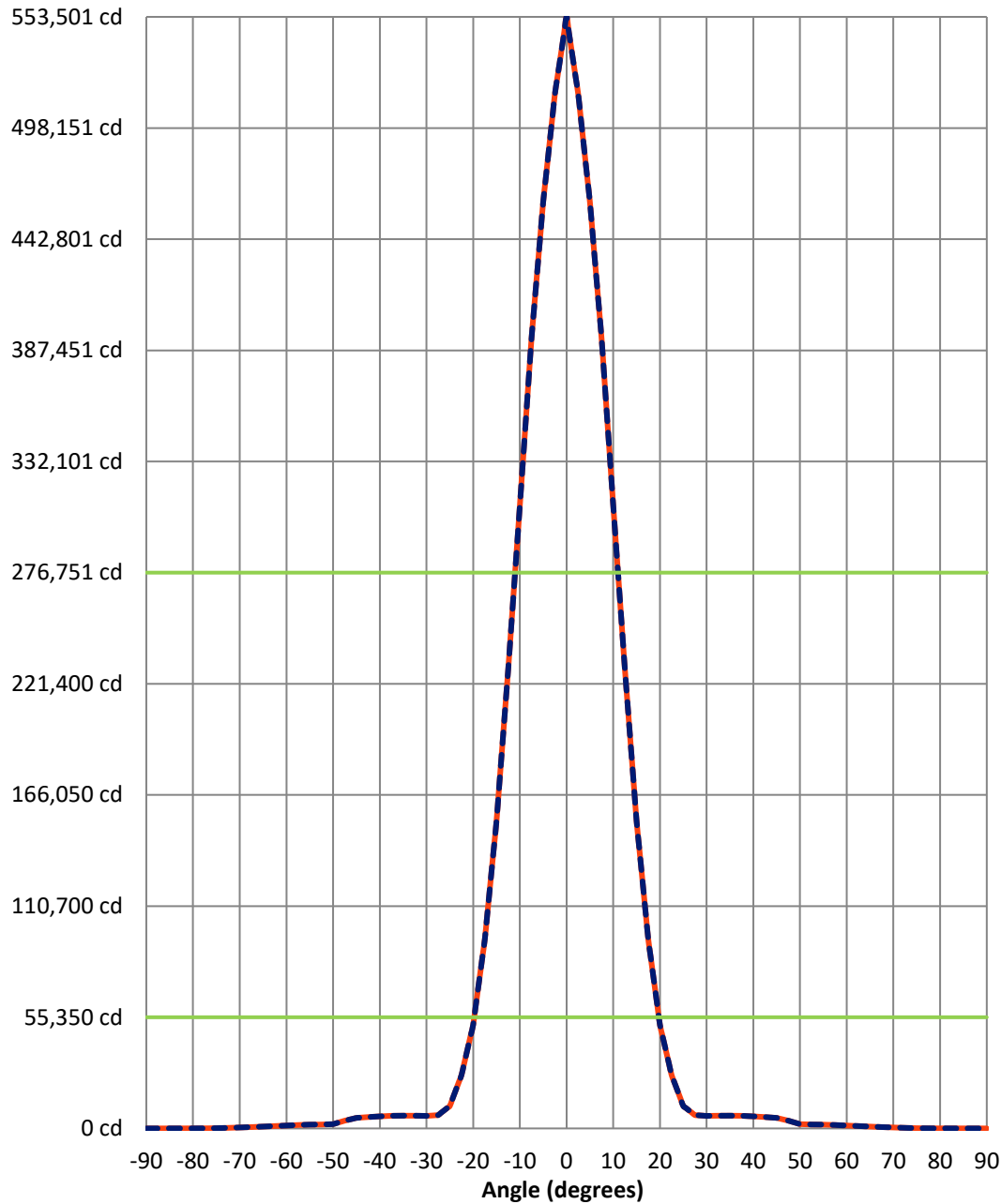
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22°  
 V Angle: 22°  
 Lumens: 44065.4  
 Efficiency: 44.2%

**Field:**  
 H Angle: 39.6°  
 V Angle: 39.6°  
 Lumens: 81840  
 Efficiency: 82.1%

**Spill:**  
 Lumens: 17863  
 Efficiency: 17.9%

- 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  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 87.5°  | 0.0  | 0.4    | 0.9  | 1.3    | 1.8  | 2.2    | 2.7   | 3.1    | 3.5   | 3.9    | 4.4   |
| 85°    | 0.0  | 0.9    | 1.8  | 2.7    | 3.6  | 4.5    | 5.3   | 6.2    | 7.0   | 7.9    | 8.7   |
| 82.5°  | 0.0  | 1.3    | 2.7  | 4.0    | 5.4  | 6.7    | 8.0   | 9.3    | 10.4  | 11.1   | 11.7  |
| 80°    | 0.0  | 1.8    | 3.6  | 5.4    | 7.1  | 8.9    | 10.5  | 11.3   | 12.2  | 13.0   | 13.9  |
| 77.5°  | 0.0  | 2.2    | 4.5  | 6.7    | 8.9  | 10.7   | 11.8  | 12.9   | 13.9  | 15.0   | 16.2  |
| 75°    | 0.0  | 2.7    | 5.3  | 8.0    | 10.5 | 11.8   | 13.1  | 14.4   | 15.7  | 17.4   | 19.0  |
| 72.5°  | 0.0  | 3.1    | 6.2  | 9.3    | 11.3 | 12.9   | 14.4  | 16.0   | 18.0  | 19.9   | 21.9  |
| 70°    | 0.0  | 3.5    | 7.0  | 10.4   | 12.2 | 13.9   | 15.7  | 18.0   | 20.2  | 22.5   | 26.3  |
| 67.5°  | 0.0  | 3.9    | 7.9  | 11.1   | 13.0 | 15.0   | 17.4  | 19.9   | 22.5  | 26.8   | 31.1  |
| 65°    | 0.0  | 4.4    | 8.7  | 11.7   | 13.9 | 16.2   | 19.0  | 21.9   | 26.3  | 31.1   | 36.8  |
| 62.5°  | 0.0  | 4.8    | 9.5  | 12.3   | 14.7 | 17.5   | 20.6  | 24.7   | 30.0  | 35.9   | 44.8  |
| 60°    | 0.0  | 5.1    | 10.3 | 12.9   | 15.5 | 18.8   | 22.2  | 27.9   | 33.7  | 42.9   | 52.6  |
| 57.5°  | 0.0  | 5.5    | 10.7 | 13.5   | 16.5 | 20.1   | 24.8  | 31.0   | 39.3  | 49.8   | 72.7  |
| 55°    | 0.0  | 5.9    | 11.1 | 14.0   | 17.5 | 21.4   | 27.4  | 34.1   | 45.3  | 60.2   | 98.3  |
| 52.5°  | 0.0  | 6.3    | 11.4 | 14.6   | 18.4 | 22.7   | 29.9  | 38.9   | 51.1  | 82.5   | 123.1 |
| 50°    | 0.0  | 6.6    | 11.8 | 15.1   | 19.4 | 24.8   | 32.4  | 43.9   | 60.7  | 104.2  | 172.4 |
| 47.5°  | 0.0  | 7.0    | 12.1 | 15.7   | 20.3 | 26.8   | 35.0  | 48.7   | 79.4  | 125.2  | 223.1 |
| 45°    | 0.0  | 7.3    | 12.4 | 16.3   | 21.2 | 28.7   | 38.9  | 53.3   | 97.3  | 168.6  | 272.0 |
| 42.5°  | 0.0  | 7.6    | 12.8 | 16.9   | 22.0 | 30.5   | 42.7  | 63.8   | 114.6 | 210.8  | 329.0 |
| 40°    | 0.0  | 7.9    | 13.1 | 17.5   | 23.1 | 32.2   | 46.3  | 78.2   | 137.3 | 251.1  | 385.2 |
| 37.5°  | 0.0  | 8.2    | 13.3 | 18.1   | 24.4 | 33.9   | 49.7  | 91.9   | 171.3 | 292.2  | 438.7 |
| 35°    | 0.0  | 8.4    | 13.6 | 18.6   | 25.7 | 36.2   | 52.9  | 104.8  | 203.5 | 337.7  | 490.6 |
| 32.5°  | 0.0  | 8.7    | 13.9 | 19.1   | 26.8 | 38.7   | 58.2  | 117.0  | 233.9 | 380.6  | 541.1 |
| 30°    | 0.0  | 8.9    | 14.1 | 19.6   | 27.9 | 41.1   | 67.9  | 131.5  | 262.3 | 420.7  | 588.4 |
| 27.5°  | 0.0  | 9.1    | 14.3 | 20.0   | 28.9 | 43.2   | 76.9  | 154.5  | 291.2 | 458.1  | 632.5 |
| 25°    | 0.0  | 9.3    | 14.5 | 20.5   | 29.9 | 45.3   | 85.2  | 175.6  | 321.6 | 493.7  | 673.6 |
| 22.5°  | 0.0  | 9.5    | 14.7 | 20.8   | 30.7 | 47.1   | 92.8  | 194.9  | 349.3 | 526.9  | 719.7 |
| 20°    | 0.0  | 9.7    | 14.9 | 21.1   | 31.5 | 48.8   | 99.6  | 212.3  | 374.3 | 556.8  | 761.3 |
| 17.5°  | 0.0  | 9.8    | 15.0 | 21.4   | 32.2 | 50.2   | 105.7 | 227.8  | 396.5 | 583.4  | 798.3 |
| 15°    | 0.0  | 9.9    | 15.1 | 21.7   | 32.7 | 51.5   | 110.9 | 241.2  | 415.9 | 606.5  | 830.6 |
| 12.5°  | 0.0  | 10.1   | 15.3 | 21.9   | 33.3 | 52.6   | 115.4 | 252.7  | 432.4 | 626.3  | 858.1 |
| 10°    | 0.0  | 10.1   | 15.3 | 22.1   | 33.7 | 53.5   | 119.1 | 262.1  | 445.9 | 642.5  | 880.7 |
| 7.5°   | 0.0  | 10.2   | 15.4 | 22.2   | 34.0 | 54.2   | 122.0 | 269.4  | 456.5 | 655.2  | 898.4 |
| 5°     | 0.0  | 10.3   | 15.5 | 22.3   | 34.2 | 54.7   | 124.1 | 274.7  | 464.0 | 664.2  | 911.0 |
| 2.5°   | 0.0  | 10.3   | 15.5 | 22.4   | 34.4 | 55.0   | 125.3 | 277.8  | 468.6 | 669.7  | 918.7 |
| 0°     | 0.0  | 10.3   | 15.5 | 22.4   | 34.4 | 55.0   | 125.3 | 277.8  | 468.6 | 669.7  | 918.7 |
| -2.5°  | 0.0  | 10.3   | 15.5 | 22.4   | 34.4 | 55.0   | 125.3 | 277.8  | 468.6 | 669.7  | 918.7 |
| -5°    | 0.0  | 10.3   | 15.5 | 22.3   | 34.2 | 54.7   | 124.1 | 274.7  | 464.0 | 664.2  | 911.0 |
| -7.5°  | 0.0  | 10.2   | 15.4 | 22.2   | 34.0 | 54.2   | 122.0 | 269.4  | 456.5 | 655.2  | 898.4 |
| -10°   | 0.0  | 10.1   | 15.3 | 22.1   | 33.7 | 53.5   | 119.1 | 262.1  | 445.9 | 642.5  | 880.7 |
| -12.5° | 0.0  | 10.1   | 15.3 | 21.9   | 33.3 | 52.6   | 115.4 | 252.7  | 432.4 | 626.3  | 858.1 |
| -15°   | 0.0  | 9.9    | 15.1 | 21.7   | 32.7 | 51.5   | 110.9 | 241.2  | 415.9 | 606.5  | 830.6 |
| -17.5° | 0.0  | 9.8    | 15.0 | 21.4   | 32.2 | 50.2   | 105.7 | 227.8  | 396.5 | 583.4  | 798.3 |
| -20°   | 0.0  | 9.7    | 14.9 | 21.1   | 31.5 | 48.8   | 99.6  | 212.3  | 374.3 | 556.8  | 761.3 |



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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  | 9.5    | 14.7 | 20.8   | 30.7 | 47.1   | 92.8 | 194.9  | 349.3 | 526.9  | 719.7 |
| -25°   | 0.0  | 9.3    | 14.5 | 20.5   | 29.9 | 45.3   | 85.2 | 175.6  | 321.6 | 493.7  | 673.6 |
| -27.5° | 0.0  | 9.1    | 14.3 | 20.0   | 28.9 | 43.2   | 76.9 | 154.5  | 291.2 | 458.1  | 632.5 |
| -30°   | 0.0  | 8.9    | 14.1 | 19.6   | 27.9 | 41.1   | 67.9 | 131.5  | 262.3 | 420.7  | 588.4 |
| -32.5° | 0.0  | 8.7    | 13.9 | 19.1   | 26.8 | 38.7   | 58.2 | 117.0  | 233.9 | 380.6  | 541.1 |
| -35°   | 0.0  | 8.4    | 13.6 | 18.6   | 25.7 | 36.2   | 52.9 | 104.8  | 203.5 | 337.7  | 490.6 |
| -37.5° | 0.0  | 8.2    | 13.3 | 18.1   | 24.4 | 33.9   | 49.7 | 91.9   | 171.3 | 292.2  | 438.7 |
| -40°   | 0.0  | 7.9    | 13.1 | 17.5   | 23.1 | 32.2   | 46.3 | 78.2   | 137.3 | 251.1  | 385.2 |
| -42.5° | 0.0  | 7.6    | 12.8 | 16.9   | 22.0 | 30.5   | 42.7 | 63.8   | 114.6 | 210.8  | 329.0 |
| -45°   | 0.0  | 7.3    | 12.4 | 16.3   | 21.2 | 28.7   | 38.9 | 53.3   | 97.3  | 168.6  | 272.0 |
| -47.5° | 0.0  | 7.0    | 12.1 | 15.7   | 20.3 | 26.8   | 35.0 | 48.7   | 79.4  | 125.2  | 223.1 |
| -50°   | 0.0  | 6.6    | 11.8 | 15.1   | 19.4 | 24.8   | 32.4 | 43.9   | 60.7  | 104.2  | 172.4 |
| -52.5° | 0.0  | 6.3    | 11.4 | 14.6   | 18.4 | 22.7   | 29.9 | 38.9   | 51.1  | 82.5   | 123.1 |
| -55°   | 0.0  | 5.9    | 11.1 | 14.0   | 17.5 | 21.4   | 27.4 | 34.1   | 45.3  | 60.2   | 98.3  |
| -57.5° | 0.0  | 5.5    | 10.7 | 13.5   | 16.5 | 20.1   | 24.8 | 31.0   | 39.3  | 49.8   | 72.7  |
| -60°   | 0.0  | 5.1    | 10.3 | 12.9   | 15.5 | 18.8   | 22.2 | 27.9   | 33.7  | 42.9   | 52.6  |
| -62.5° | 0.0  | 4.8    | 9.5  | 12.3   | 14.7 | 17.5   | 20.6 | 24.7   | 30.0  | 35.9   | 44.8  |
| -65°   | 0.0  | 4.4    | 8.7  | 11.7   | 13.9 | 16.2   | 19.0 | 21.9   | 26.3  | 31.1   | 36.8  |
| -67.5° | 0.0  | 3.9    | 7.9  | 11.1   | 13.0 | 15.0   | 17.4 | 19.9   | 22.5  | 26.8   | 31.1  |
| -70°   | 0.0  | 3.5    | 7.0  | 10.4   | 12.2 | 13.9   | 15.7 | 18.0   | 20.2  | 22.5   | 26.3  |
| -72.5° | 0.0  | 3.1    | 6.2  | 9.3    | 11.3 | 12.9   | 14.4 | 16.0   | 18.0  | 19.9   | 21.9  |
| -75°   | 0.0  | 2.7    | 5.3  | 8.0    | 10.5 | 11.8   | 13.1 | 14.4   | 15.7  | 17.4   | 19.0  |
| -77.5° | 0.0  | 2.2    | 4.5  | 6.7    | 8.9  | 10.7   | 11.8 | 12.9   | 13.9  | 15.0   | 16.2  |
| -80°   | 0.0  | 1.8    | 3.6  | 5.4    | 7.1  | 8.9    | 10.5 | 11.3   | 12.2  | 13.0   | 13.9  |
| -82.5° | 0.0  | 1.3    | 2.7  | 4.0    | 5.4  | 6.7    | 8.0  | 9.3    | 10.4  | 11.1   | 11.7  |
| -85°   | 0.0  | 0.9    | 1.8  | 2.7    | 3.6  | 4.5    | 5.3  | 6.2    | 7.0   | 7.9    | 8.7   |
| -87.5° | 0.0  | 0.4    | 0.9  | 1.3    | 1.8  | 2.2    | 2.7  | 3.1    | 3.5   | 3.9    | 4.4   |
| -90°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |





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 CATALOG NUMBER: EPH-LS-08-0640L-40-70-2S-HEG-S

**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    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5°  | 4.8    | 5.1    | 5.5    | 5.9    | 6.3    | 6.6    | 7.0    | 7.3    | 7.6    | 7.9    | 8.2    |
| 85°    | 9.5    | 10.3   | 10.7   | 11.1   | 11.4   | 11.8   | 12.1   | 12.4   | 12.8   | 13.1   | 13.3   |
| 82.5°  | 12.3   | 12.9   | 13.5   | 14.0   | 14.6   | 15.1   | 15.7   | 16.3   | 16.9   | 17.5   | 18.1   |
| 80°    | 14.7   | 15.5   | 16.5   | 17.5   | 18.4   | 19.4   | 20.3   | 21.2   | 22.0   | 23.1   | 24.4   |
| 77.5°  | 17.5   | 18.8   | 20.1   | 21.4   | 22.7   | 24.8   | 26.8   | 28.7   | 30.5   | 32.2   | 33.9   |
| 75°    | 20.6   | 22.2   | 24.8   | 27.4   | 29.9   | 32.4   | 35.0   | 38.9   | 42.7   | 46.3   | 49.7   |
| 72.5°  | 24.7   | 27.9   | 31.0   | 34.1   | 38.9   | 43.9   | 48.7   | 53.3   | 63.8   | 78.2   | 91.9   |
| 70°    | 30.0   | 33.7   | 39.3   | 45.3   | 51.1   | 60.7   | 79.4   | 97.3   | 114.6  | 137.3  | 171.3  |
| 67.5°  | 35.9   | 42.9   | 49.8   | 60.2   | 82.5   | 104.2  | 125.2  | 168.6  | 210.8  | 251.1  | 292.2  |
| 65°    | 44.8   | 52.6   | 72.7   | 98.3   | 123.1  | 172.4  | 223.1  | 272.0  | 329.0  | 385.2  | 438.7  |
| 62.5°  | 53.5   | 79.1   | 107.8  | 147.6  | 206.9  | 264.6  | 330.7  | 398.0  | 462.7  | 527.7  | 590.1  |
| 60°    | 79.1   | 110.9  | 161.5  | 227.8  | 295.8  | 374.3  | 450.4  | 526.9  | 601.5  | 673.6  | 758.5  |
| 57.5°  | 107.8  | 161.5  | 234.8  | 313.3  | 400.7  | 486.6  | 573.6  | 657.7  | 755.1  | 851.8  | 945.2  |
| 55°    | 147.6  | 227.8  | 313.3  | 409.5  | 505.3  | 601.8  | 701.4  | 814.1  | 923.0  | 1031.9 | 1136.3 |
| 52.5°  | 206.9  | 295.8  | 400.7  | 505.3  | 611.2  | 725.0  | 849.8  | 972.9  | 1094.7 | 1210.9 | 1318.9 |
| 50°    | 264.6  | 374.3  | 486.6  | 601.8  | 725.0  | 861.7  | 998.0  | 1132.7 | 1260.0 | 1380.8 | 1501.9 |
| 47.5°  | 330.7  | 450.4  | 573.6  | 701.4  | 849.8  | 998.0  | 1145.5 | 1284.7 | 1418.3 | 1556.3 | 1689.9 |
| 45°    | 398.0  | 526.9  | 657.7  | 814.1  | 972.9  | 1132.7 | 1284.7 | 1430.9 | 1583.7 | 1721.8 | 1821.4 |
| 42.5°  | 462.7  | 601.5  | 755.1  | 923.0  | 1094.7 | 1260.0 | 1418.3 | 1583.7 | 1731.6 | 1841.1 | 1904.7 |
| 40°    | 527.7  | 673.6  | 851.8  | 1031.9 | 1210.9 | 1380.8 | 1556.3 | 1721.8 | 1841.1 | 1907.6 | 1940.6 |
| 37.5°  | 590.1  | 758.5  | 945.2  | 1136.3 | 1318.9 | 1501.9 | 1689.9 | 1821.4 | 1904.7 | 1940.6 | 2065.7 |
| 35°    | 649.3  | 839.1  | 1036.9 | 1233.6 | 1422.1 | 1621.3 | 1782.1 | 1895.8 | 1934.5 | 2054.2 | 2510.8 |
| 32.5°  | 713.4  | 915.4  | 1123.6 | 1324.1 | 1526.8 | 1724.1 | 1867.2 | 1922.6 | 2020.0 | 2315.4 | 3512.4 |
| 30°    | 778.5  | 989.7  | 1204.2 | 1409.3 | 1626.1 | 1799.0 | 1904.9 | 1963.6 | 2120.9 | 3213.5 | 4353.8 |
| 27.5°  | 839.1  | 1059.3 | 1277.4 | 1493.4 | 1713.2 | 1869.2 | 1927.1 | 2052.4 | 2722.3 | 4023.8 | 5090.7 |
| 25°    | 895.1  | 1123.6 | 1345.1 | 1572.9 | 1773.4 | 1901.0 | 1963.1 | 2135.3 | 3464.6 | 4670.8 | 5404.0 |
| 22.5°  | 947.4  | 1182.4 | 1407.1 | 1645.8 | 1828.8 | 1918.6 | 2034.1 | 2686.5 | 4096.1 | 5251.4 | 5596.0 |
| 20°    | 995.6  | 1233.6 | 1465.8 | 1708.1 | 1879.1 | 1934.7 | 2098.6 | 3268.4 | 4606.4 | 5415.2 | 5753.6 |
| 17.5°  | 1038.5 | 1279.1 | 1519.6 | 1749.3 | 1897.9 | 1967.6 | 2225.6 | 3791.0 | 5065.7 | 5563.0 | 5887.3 |
| 15°    | 1076.0 | 1318.9 | 1566.8 | 1785.4 | 1909.5 | 2014.4 | 2649.7 | 4176.9 | 5310.9 | 5687.7 | 6005.2 |
| 12.5°  | 1107.9 | 1352.9 | 1607.0 | 1816.1 | 1919.4 | 2054.5 | 3013.1 | 4497.7 | 5414.6 | 5781.9 | 6088.7 |
| 10°    | 1134.2 | 1380.8 | 1640.1 | 1841.5 | 1927.5 | 2087.6 | 3313.6 | 4763.4 | 5500.6 | 5860.3 | 6158.2 |
| 7.5°   | 1154.7 | 1402.7 | 1666.0 | 1861.4 | 1933.9 | 2113.5 | 3549.4 | 4972.0 | 5568.3 | 5922.0 | 6213.1 |
| 5°     | 1169.4 | 1418.3 | 1684.6 | 1875.7 | 1938.5 | 2132.1 | 3718.9 | 5122.2 | 5617.1 | 5966.5 | 6252.7 |
| 2.5°   | 1178.2 | 1427.8 | 1695.8 | 1884.2 | 1941.3 | 2143.4 | 3821.1 | 5212.7 | 5646.5 | 5993.4 | 6276.7 |
| 0°     | 1181.2 | 1430.9 | 1699.5 | 1887.1 | 1942.2 | 2147.1 | 3855.2 | 5243.0 | 5656.3 | 6002.4 | 6284.7 |
| -2.5°  | 1178.2 | 1427.8 | 1695.8 | 1884.2 | 1941.3 | 2143.4 | 3821.1 | 5212.7 | 5646.5 | 5993.4 | 6276.7 |
| -5°    | 1169.4 | 1418.3 | 1684.6 | 1875.7 | 1938.5 | 2132.1 | 3718.9 | 5122.2 | 5617.1 | 5966.5 | 6252.7 |
| -7.5°  | 1154.7 | 1402.7 | 1666.0 | 1861.4 | 1933.9 | 2113.5 | 3549.4 | 4972.0 | 5568.3 | 5922.0 | 6213.1 |
| -10°   | 1134.2 | 1380.8 | 1640.1 | 1841.5 | 1927.5 | 2087.6 | 3313.6 | 4763.4 | 5500.6 | 5860.3 | 6158.2 |
| -12.5° | 1107.9 | 1352.9 | 1607.0 | 1816.1 | 1919.4 | 2054.5 | 3013.1 | 4497.7 | 5414.6 | 5781.9 | 6088.7 |
| -15°   | 1076.0 | 1318.9 | 1566.8 | 1785.4 | 1909.5 | 2014.4 | 2649.7 | 4176.9 | 5310.9 | 5687.7 | 6005.2 |
| -17.5° | 1038.5 | 1279.1 | 1519.6 | 1749.3 | 1897.9 | 1967.6 | 2225.6 | 3791.0 | 5065.7 | 5563.0 | 5887.3 |
| -20°   | 995.6  | 1233.6 | 1465.8 | 1708.1 | 1879.1 | 1934.7 | 2098.6 | 3268.4 | 4606.4 | 5415.2 | 5753.6 |



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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° | 947.4  | 1182.4 | 1407.1 | 1645.8 | 1828.8 | 1918.6 | 2034.1 | 2686.5 | 4096.1 | 5251.4 | 5596.0 |
| -25°   | 895.1  | 1123.6 | 1345.1 | 1572.9 | 1773.4 | 1901.0 | 1963.1 | 2135.3 | 3464.6 | 4670.8 | 5404.0 |
| -27.5° | 839.1  | 1059.3 | 1277.4 | 1493.4 | 1713.2 | 1869.2 | 1927.1 | 2052.4 | 2722.3 | 4023.8 | 5090.7 |
| -30°   | 778.5  | 989.7  | 1204.2 | 1409.3 | 1626.1 | 1799.0 | 1904.9 | 1963.6 | 2120.9 | 3213.5 | 4353.8 |
| -32.5° | 713.4  | 915.4  | 1123.6 | 1324.1 | 1526.8 | 1724.1 | 1867.2 | 1922.6 | 2020.0 | 2315.4 | 3512.4 |
| -35°   | 649.3  | 839.1  | 1036.9 | 1233.6 | 1422.1 | 1621.3 | 1782.1 | 1895.8 | 1934.5 | 2054.2 | 2510.8 |
| -37.5° | 590.1  | 758.5  | 945.2  | 1136.3 | 1318.9 | 1501.9 | 1689.9 | 1821.4 | 1904.7 | 1940.6 | 2065.7 |
| -40°   | 527.7  | 673.6  | 851.8  | 1031.9 | 1210.9 | 1380.8 | 1556.3 | 1721.8 | 1841.1 | 1907.6 | 1940.6 |
| -42.5° | 462.7  | 601.5  | 755.1  | 923.0  | 1094.7 | 1260.0 | 1418.3 | 1583.7 | 1731.6 | 1841.1 | 1904.7 |
| -45°   | 398.0  | 526.9  | 657.7  | 814.1  | 972.9  | 1132.7 | 1284.7 | 1430.9 | 1583.7 | 1721.8 | 1821.4 |
| -47.5° | 330.7  | 450.4  | 573.6  | 701.4  | 849.8  | 998.0  | 1145.5 | 1284.7 | 1418.3 | 1556.3 | 1689.9 |
| -50°   | 264.6  | 374.3  | 486.6  | 601.8  | 725.0  | 861.7  | 998.0  | 1132.7 | 1260.0 | 1380.8 | 1501.9 |
| -52.5° | 206.9  | 295.8  | 400.7  | 505.3  | 611.2  | 725.0  | 849.8  | 972.9  | 1094.7 | 1210.9 | 1318.9 |
| -55°   | 147.6  | 227.8  | 313.3  | 409.5  | 505.3  | 601.8  | 701.4  | 814.1  | 923.0  | 1031.9 | 1136.3 |
| -57.5° | 107.8  | 161.5  | 234.8  | 313.3  | 400.7  | 486.6  | 573.6  | 657.7  | 755.1  | 851.8  | 945.2  |
| -60°   | 79.1   | 110.9  | 161.5  | 227.8  | 295.8  | 374.3  | 450.4  | 526.9  | 601.5  | 673.6  | 758.5  |
| -62.5° | 53.5   | 79.1   | 107.8  | 147.6  | 206.9  | 264.6  | 330.7  | 398.0  | 462.7  | 527.7  | 590.1  |
| -65°   | 44.8   | 52.6   | 72.7   | 98.3   | 123.1  | 172.4  | 223.1  | 272.0  | 329.0  | 385.2  | 438.7  |
| -67.5° | 35.9   | 42.9   | 49.8   | 60.2   | 82.5   | 104.2  | 125.2  | 168.6  | 210.8  | 251.1  | 292.2  |
| -70°   | 30.0   | 33.7   | 39.3   | 45.3   | 51.1   | 60.7   | 79.4   | 97.3   | 114.6  | 137.3  | 171.3  |
| -72.5° | 24.7   | 27.9   | 31.0   | 34.1   | 38.9   | 43.9   | 48.7   | 53.3   | 63.8   | 78.2   | 91.9   |
| -75°   | 20.6   | 22.2   | 24.8   | 27.4   | 29.9   | 32.4   | 35.0   | 38.9   | 42.7   | 46.3   | 49.7   |
| -77.5° | 17.5   | 18.8   | 20.1   | 21.4   | 22.7   | 24.8   | 26.8   | 28.7   | 30.5   | 32.2   | 33.9   |
| -80°   | 14.7   | 15.5   | 16.5   | 17.5   | 18.4   | 19.4   | 20.3   | 21.2   | 22.0   | 23.1   | 24.4   |
| -82.5° | 12.3   | 12.9   | 13.5   | 14.0   | 14.6   | 15.1   | 15.7   | 16.3   | 16.9   | 17.5   | 18.1   |
| -85°   | 9.5    | 10.3   | 10.7   | 11.1   | 11.4   | 11.8   | 12.1   | 12.4   | 12.8   | 13.1   | 13.3   |
| -87.5° | 4.8    | 5.1    | 5.5    | 5.9    | 6.3    | 6.6    | 7.0    | 7.3    | 7.6    | 7.9    | 8.2    |
| -90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**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     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0      | 0.0      |
| 87.5°  | 8.4    | 8.7    | 8.9    | 9.1    | 9.3     | 9.5     | 9.7     | 9.8     | 9.9      | 10.1     | 10.1     |
| 85°    | 13.6   | 13.9   | 14.1   | 14.3   | 14.5    | 14.7    | 14.9    | 15.0    | 15.1     | 15.3     | 15.3     |
| 82.5°  | 18.6   | 19.1   | 19.6   | 20.0   | 20.5    | 20.8    | 21.1    | 21.4    | 21.7     | 21.9     | 22.1     |
| 80°    | 25.7   | 26.8   | 27.9   | 28.9   | 29.9    | 30.7    | 31.5    | 32.2    | 32.7     | 33.3     | 33.7     |
| 77.5°  | 36.2   | 38.7   | 41.1   | 43.2   | 45.3    | 47.1    | 48.8    | 50.2    | 51.5     | 52.6     | 53.5     |
| 75°    | 52.9   | 58.2   | 67.9   | 76.9   | 85.2    | 92.8    | 99.6    | 105.7   | 110.9    | 115.4    | 119.1    |
| 72.5°  | 104.8  | 117.0  | 131.5  | 154.5  | 175.6   | 194.9   | 212.3   | 227.8   | 241.2    | 252.7    | 262.1    |
| 70°    | 203.5  | 233.9  | 262.3  | 291.2  | 321.6   | 349.3   | 374.3   | 396.5   | 415.9    | 432.4    | 445.9    |
| 67.5°  | 337.7  | 380.6  | 420.7  | 458.1  | 493.7   | 526.9   | 556.8   | 583.4   | 606.5    | 626.3    | 642.5    |
| 65°    | 490.6  | 541.1  | 588.4  | 632.5  | 673.6   | 719.7   | 761.3   | 798.3   | 830.6    | 858.1    | 880.7    |
| 62.5°  | 649.3  | 713.4  | 778.5  | 839.1  | 895.1   | 947.4   | 995.6   | 1038.5  | 1076.0   | 1107.9   | 1134.2   |
| 60°    | 839.1  | 915.4  | 989.7  | 1059.3 | 1123.6  | 1182.4  | 1233.6  | 1279.1  | 1318.9   | 1352.9   | 1380.8   |
| 57.5°  | 1036.9 | 1123.6 | 1204.2 | 1277.4 | 1345.1  | 1407.1  | 1465.8  | 1519.6  | 1566.8   | 1607.0   | 1640.1   |
| 55°    | 1233.6 | 1324.1 | 1409.3 | 1493.4 | 1572.9  | 1645.8  | 1708.1  | 1749.3  | 1785.4   | 1816.1   | 1841.5   |
| 52.5°  | 1422.1 | 1526.8 | 1626.1 | 1713.2 | 1773.4  | 1828.8  | 1879.1  | 1897.9  | 1909.5   | 1919.4   | 1927.5   |
| 50°    | 1621.3 | 1724.1 | 1799.0 | 1869.2 | 1901.0  | 1918.6  | 1934.7  | 1967.6  | 2014.4   | 2054.5   | 2087.6   |
| 47.5°  | 1782.1 | 1867.2 | 1904.9 | 1927.1 | 1963.1  | 2034.1  | 2098.6  | 2225.6  | 2649.7   | 3013.1   | 3313.6   |
| 45°    | 1895.8 | 1922.6 | 1963.6 | 2052.4 | 2135.3  | 2686.5  | 3268.4  | 3791.0  | 4176.9   | 4497.7   | 4763.4   |
| 42.5°  | 1934.5 | 2020.0 | 2120.9 | 2722.3 | 3464.6  | 4096.1  | 4606.4  | 5065.7  | 5310.9   | 5414.6   | 5500.6   |
| 40°    | 2054.2 | 2315.4 | 3213.5 | 4023.8 | 4670.8  | 5251.4  | 5415.2  | 5563.0  | 5687.7   | 5781.9   | 5860.3   |
| 37.5°  | 2510.8 | 3512.4 | 4353.8 | 5090.7 | 5404.0  | 5596.0  | 5753.6  | 5887.3  | 6005.2   | 6088.7   | 6158.2   |
| 35°    | 3612.7 | 4520.6 | 5273.9 | 5507.8 | 5716.7  | 5889.3  | 6039.8  | 6157.6  | 6262.3   | 6298.5   | 6313.7   |
| 32.5°  | 4520.6 | 5299.5 | 5560.4 | 5784.5 | 5981.8  | 6136.4  | 6275.9  | 6308.6  | 6331.4   | 6340.4   | 6338.4   |
| 30°    | 5273.9 | 5560.4 | 5807.3 | 6023.9 | 6195.5  | 6299.3  | 6329.5  | 6339.7  | 6336.7   | 6325.5   | 6293.0   |
| 27.5°  | 5507.8 | 5784.5 | 6023.9 | 6215.4 | 6307.6  | 6341.5  | 6337.6  | 6323.5  | 6275.5   | 6233.3   | 6374.2   |
| 25°    | 5716.7 | 5981.8 | 6195.5 | 6307.6 | 6341.0  | 6336.5  | 6298.5  | 6240.8  | 6410.4   | 6594.0   | 7896.8   |
| 22.5°  | 5889.3 | 6136.4 | 6299.3 | 6341.5 | 6336.5  | 6290.0  | 6272.9  | 6520.8  | 7864.6   | 10120.1  | 14151.8  |
| 20°    | 6039.8 | 6275.9 | 6329.5 | 6337.6 | 6298.5  | 6272.9  | 6558.3  | 8747.7  | 12317.0  | 20726.2  | 28881.5  |
| 17.5°  | 6157.6 | 6308.6 | 6339.7 | 6323.5 | 6240.8  | 6520.8  | 8747.7  | 13924.4 | 24134.7  | 37663.6  | 50815.4  |
| 15°    | 6262.3 | 6331.4 | 6336.7 | 6275.5 | 6410.4  | 7864.6  | 12317.0 | 24134.7 | 40675.8  | 61256.1  | 86310.4  |
| 12.5°  | 6298.5 | 6340.4 | 6325.5 | 6233.3 | 6594.0  | 10120.1 | 20726.2 | 37663.6 | 61256.1  | 92395.6  | 130526.9 |
| 10°    | 6313.7 | 6338.4 | 6293.0 | 6374.2 | 7896.8  | 14151.8 | 28881.5 | 50815.4 | 86310.4  | 130526.9 | 178261.4 |
| 7.5°   | 6325.8 | 6336.8 | 6267.2 | 6487.6 | 9302.1  | 19452.6 | 38519.7 | 68761.4 | 112303.2 | 165851.8 | 229212.1 |
| 5°     | 6334.5 | 6335.6 | 6248.4 | 6570.4 | 10332.2 | 23360.5 | 45680.3 | 82646.3 | 134404.6 | 198360.6 | 272251.0 |
| 2.5°   | 6339.8 | 6334.9 | 6236.9 | 6620.8 | 10961.4 | 25758.0 | 50098.9 | 91284.4 | 148320.3 | 220567.9 | 300313.8 |
| 0°     | 6341.6 | 6334.7 | 6233.1 | 6637.7 | 11173.1 | 26566.4 | 51593.4 | 94219.4 | 153080.7 | 228468.3 | 310154.4 |
| -2.5°  | 6339.8 | 6334.9 | 6236.9 | 6620.8 | 10961.4 | 25758.0 | 50098.9 | 91284.4 | 148320.3 | 220567.9 | 300313.8 |
| -5°    | 6334.5 | 6335.6 | 6248.4 | 6570.4 | 10332.2 | 23360.5 | 45680.3 | 82646.3 | 134404.6 | 198360.6 | 272251.0 |
| -7.5°  | 6325.8 | 6336.8 | 6267.2 | 6487.6 | 9302.1  | 19452.6 | 38519.7 | 68761.4 | 112303.2 | 165851.8 | 229212.1 |
| -10°   | 6313.7 | 6338.4 | 6293.0 | 6374.2 | 7896.8  | 14151.8 | 28881.5 | 50815.4 | 86310.4  | 130526.9 | 178261.4 |
| -12.5° | 6298.5 | 6340.4 | 6325.5 | 6233.3 | 6594.0  | 10120.1 | 20726.2 | 37663.6 | 61256.1  | 92395.6  | 130526.9 |
| -15°   | 6262.3 | 6331.4 | 6336.7 | 6275.5 | 6410.4  | 7864.6  | 12317.0 | 24134.7 | 40675.8  | 61256.1  | 86310.4  |
| -17.5° | 6157.6 | 6308.6 | 6339.7 | 6323.5 | 6240.8  | 6520.8  | 8747.7  | 13924.4 | 24134.7  | 37663.6  | 50815.4  |
| -20°   | 6039.8 | 6275.9 | 6329.5 | 6337.6 | 6298.5  | 6272.9  | 6558.3  | 8747.7  | 12317.0  | 20726.2  | 28881.5  |



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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° | 5889.3 | 6136.4 | 6299.3 | 6341.5 | 6336.5 | 6290.0 | 6272.9 | 6520.8 | 7864.6 | 10120.1 | 14151.8 |
| -25°   | 5716.7 | 5981.8 | 6195.5 | 6307.6 | 6341.0 | 6336.5 | 6298.5 | 6240.8 | 6410.4 | 6594.0  | 7896.8  |
| -27.5° | 5507.8 | 5784.5 | 6023.9 | 6215.4 | 6307.6 | 6341.5 | 6337.6 | 6323.5 | 6275.5 | 6233.3  | 6374.2  |
| -30°   | 5273.9 | 5560.4 | 5807.3 | 6023.9 | 6195.5 | 6299.3 | 6329.5 | 6339.7 | 6336.7 | 6325.5  | 6293.0  |
| -32.5° | 4520.6 | 5299.5 | 5560.4 | 5784.5 | 5981.8 | 6136.4 | 6275.9 | 6308.6 | 6331.4 | 6340.4  | 6338.4  |
| -35°   | 3612.7 | 4520.6 | 5273.9 | 5507.8 | 5716.7 | 5889.3 | 6039.8 | 6157.6 | 6262.3 | 6298.5  | 6313.7  |
| -37.5° | 2510.8 | 3512.4 | 4353.8 | 5090.7 | 5404.0 | 5596.0 | 5753.6 | 5887.3 | 6005.2 | 6088.7  | 6158.2  |
| -40°   | 2054.2 | 2315.4 | 3213.5 | 4023.8 | 4670.8 | 5251.4 | 5415.2 | 5563.0 | 5687.7 | 5781.9  | 5860.3  |
| -42.5° | 1934.5 | 2020.0 | 2120.9 | 2722.3 | 3464.6 | 4096.1 | 4606.4 | 5065.7 | 5310.9 | 5414.6  | 5500.6  |
| -45°   | 1895.8 | 1922.6 | 1963.6 | 2052.4 | 2135.3 | 2686.5 | 3268.4 | 3791.0 | 4176.9 | 4497.7  | 4763.4  |
| -47.5° | 1782.1 | 1867.2 | 1904.9 | 1927.1 | 1963.1 | 2034.1 | 2098.6 | 2225.6 | 2649.7 | 3013.1  | 3313.6  |
| -50°   | 1621.3 | 1724.1 | 1799.0 | 1869.2 | 1901.0 | 1918.6 | 1934.7 | 1967.6 | 2014.4 | 2054.5  | 2087.6  |
| -52.5° | 1422.1 | 1526.8 | 1626.1 | 1713.2 | 1773.4 | 1828.8 | 1879.1 | 1897.9 | 1909.5 | 1919.4  | 1927.5  |
| -55°   | 1233.6 | 1324.1 | 1409.3 | 1493.4 | 1572.9 | 1645.8 | 1708.1 | 1749.3 | 1785.4 | 1816.1  | 1841.5  |
| -57.5° | 1036.9 | 1123.6 | 1204.2 | 1277.4 | 1345.1 | 1407.1 | 1465.8 | 1519.6 | 1566.8 | 1607.0  | 1640.1  |
| -60°   | 839.1  | 915.4  | 989.7  | 1059.3 | 1123.6 | 1182.4 | 1233.6 | 1279.1 | 1318.9 | 1352.9  | 1380.8  |
| -62.5° | 649.3  | 713.4  | 778.5  | 839.1  | 895.1  | 947.4  | 995.6  | 1038.5 | 1076.0 | 1107.9  | 1134.2  |
| -65°   | 490.6  | 541.1  | 588.4  | 632.5  | 673.6  | 719.7  | 761.3  | 798.3  | 830.6  | 858.1   | 880.7   |
| -67.5° | 337.7  | 380.6  | 420.7  | 458.1  | 493.7  | 526.9  | 556.8  | 583.4  | 606.5  | 626.3   | 642.5   |
| -70°   | 203.5  | 233.9  | 262.3  | 291.2  | 321.6  | 349.3  | 374.3  | 396.5  | 415.9  | 432.4   | 445.9   |
| -72.5° | 104.8  | 117.0  | 131.5  | 154.5  | 175.6  | 194.9  | 212.3  | 227.8  | 241.2  | 252.7   | 262.1   |
| -75°   | 52.9   | 58.2   | 67.9   | 76.9   | 85.2   | 92.8   | 99.6   | 105.7  | 110.9  | 115.4   | 119.1   |
| -77.5° | 36.2   | 38.7   | 41.1   | 43.2   | 45.3   | 47.1   | 48.8   | 50.2   | 51.5   | 52.6    | 53.5    |
| -80°   | 25.7   | 26.8   | 27.9   | 28.9   | 29.9   | 30.7   | 31.5   | 32.2   | 32.7   | 33.3    | 33.7    |
| -82.5° | 18.6   | 19.1   | 19.6   | 20.0   | 20.5   | 20.8   | 21.1   | 21.4   | 21.7   | 21.9    | 22.1    |
| -85°   | 13.6   | 13.9   | 14.1   | 14.3   | 14.5   | 14.7   | 14.9   | 15.0   | 15.1   | 15.3    | 15.3    |
| -87.5° | 8.4    | 8.7    | 8.9    | 9.1    | 9.3    | 9.5    | 9.7    | 9.8    | 9.9    | 10.1    | 10.1    |
| -90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |



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**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      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     |
| 87.5°  | 10.2     | 10.3     | 10.3     | 10.3     | 10.3     | 10.3     | 10.2     | 10.1     | 10.1     | 9.9      | 9.8     |
| 85°    | 15.4     | 15.5     | 15.5     | 15.5     | 15.5     | 15.5     | 15.4     | 15.3     | 15.3     | 15.1     | 15.0    |
| 82.5°  | 22.2     | 22.3     | 22.4     | 22.4     | 22.4     | 22.3     | 22.2     | 22.1     | 21.9     | 21.7     | 21.4    |
| 80°    | 34.0     | 34.2     | 34.4     | 34.4     | 34.4     | 34.2     | 34.0     | 33.7     | 33.3     | 32.7     | 32.2    |
| 77.5°  | 54.2     | 54.7     | 55.0     | 55.1     | 55.0     | 54.7     | 54.2     | 53.5     | 52.6     | 51.5     | 50.2    |
| 75°    | 122.0    | 124.1    | 125.3    | 125.7    | 125.3    | 124.1    | 122.0    | 119.1    | 115.4    | 110.9    | 105.7   |
| 72.5°  | 269.4    | 274.7    | 277.8    | 278.9    | 277.8    | 274.7    | 269.4    | 262.1    | 252.7    | 241.2    | 227.8   |
| 70°    | 456.5    | 464.0    | 468.6    | 470.1    | 468.6    | 464.0    | 456.5    | 445.9    | 432.4    | 415.9    | 396.5   |
| 67.5°  | 655.2    | 664.2    | 669.7    | 671.5    | 669.7    | 664.2    | 655.2    | 642.5    | 626.3    | 606.5    | 583.4   |
| 65°    | 898.4    | 911.0    | 918.7    | 921.2    | 918.7    | 911.0    | 898.4    | 880.7    | 858.1    | 830.6    | 798.3   |
| 62.5°  | 1154.7   | 1169.4   | 1178.2   | 1181.2   | 1178.2   | 1169.4   | 1154.7   | 1134.2   | 1107.9   | 1076.0   | 1038.5  |
| 60°    | 1402.7   | 1418.3   | 1427.8   | 1430.9   | 1427.8   | 1418.3   | 1402.7   | 1380.8   | 1352.9   | 1318.9   | 1279.1  |
| 57.5°  | 1666.0   | 1684.6   | 1695.8   | 1699.5   | 1695.8   | 1684.6   | 1666.0   | 1640.1   | 1607.0   | 1566.8   | 1519.6  |
| 55°    | 1861.4   | 1875.7   | 1884.2   | 1887.1   | 1884.2   | 1875.7   | 1861.4   | 1841.5   | 1816.1   | 1785.4   | 1749.3  |
| 52.5°  | 1933.9   | 1938.5   | 1941.3   | 1942.2   | 1941.3   | 1938.5   | 1933.9   | 1927.5   | 1919.4   | 1909.5   | 1897.9  |
| 50°    | 2113.5   | 2132.1   | 2143.4   | 2147.1   | 2143.4   | 2132.1   | 2113.5   | 2087.6   | 2054.5   | 2014.4   | 1967.6  |
| 47.5°  | 3549.4   | 3718.9   | 3821.1   | 3855.2   | 3821.1   | 3718.9   | 3549.4   | 3313.6   | 3013.1   | 2649.7   | 2225.6  |
| 45°    | 4972.0   | 5122.2   | 5212.7   | 5243.0   | 5212.7   | 5122.2   | 4972.0   | 4763.4   | 4497.7   | 4176.9   | 3791.0  |
| 42.5°  | 5568.3   | 5617.1   | 5646.5   | 5656.3   | 5646.5   | 5617.1   | 5568.3   | 5500.6   | 5414.6   | 5310.9   | 5065.7  |
| 40°    | 5922.0   | 5966.5   | 5993.4   | 6002.4   | 5993.4   | 5966.5   | 5922.0   | 5860.3   | 5781.9   | 5687.7   | 5563.0  |
| 37.5°  | 6213.1   | 6252.7   | 6276.7   | 6284.7   | 6276.7   | 6252.7   | 6213.1   | 6158.2   | 6088.7   | 6005.2   | 5887.3  |
| 35°    | 6325.8   | 6334.5   | 6339.8   | 6341.6   | 6339.8   | 6334.5   | 6325.8   | 6313.7   | 6298.5   | 6262.3   | 6157.6  |
| 32.5°  | 6336.8   | 6335.6   | 6334.9   | 6334.7   | 6334.9   | 6335.6   | 6336.8   | 6338.4   | 6340.4   | 6331.4   | 6308.6  |
| 30°    | 6267.2   | 6248.4   | 6236.9   | 6233.1   | 6236.9   | 6248.4   | 6267.2   | 6293.0   | 6325.5   | 6336.7   | 6339.7  |
| 27.5°  | 6487.6   | 6570.4   | 6620.8   | 6637.7   | 6620.8   | 6570.4   | 6487.6   | 6374.2   | 6233.3   | 6275.5   | 6323.5  |
| 25°    | 9302.1   | 10332.2  | 10961.4  | 11173.1  | 10961.4  | 10332.2  | 9302.1   | 7896.8   | 6594.0   | 6410.4   | 6240.8  |
| 22.5°  | 19452.6  | 23360.5  | 25758.0  | 26566.4  | 25758.0  | 23360.5  | 19452.6  | 14151.8  | 10120.1  | 7864.6   | 6520.8  |
| 20°    | 38519.7  | 45680.3  | 50098.9  | 51593.4  | 50098.9  | 45680.3  | 38519.7  | 28881.5  | 20726.2  | 12317.0  | 8747.7  |
| 17.5°  | 68761.4  | 82646.3  | 91284.4  | 94219.4  | 91284.4  | 82646.3  | 68761.4  | 50815.4  | 37663.6  | 24134.7  | 13924.4 |
| 15°    | 112303.2 | 134404.6 | 148320.3 | 153080.7 | 148320.3 | 134404.6 | 112303.2 | 86310.4  | 61256.1  | 40675.8  | 24134.7 |
| 12.5°  | 165851.8 | 198360.6 | 220567.9 | 228468.3 | 220567.9 | 198360.6 | 165851.8 | 130526.9 | 92395.6  | 61256.1  | 37663.6 |
| 10°    | 229212.1 | 272251.0 | 300313.8 | 310154.4 | 300313.8 | 272251.0 | 229212.1 | 178261.4 | 130526.9 | 86310.4  | 50815.4 |
| 7.5°   | 291052.8 | 342149.6 | 379839.7 | 393480.6 | 379839.7 | 342149.6 | 291052.8 | 229212.1 | 165851.8 | 112303.2 | 68761.4 |
| 5°     | 342149.6 | 408135.5 | 448594.8 | 461384.1 | 448594.8 | 408135.5 | 342149.6 | 272251.0 | 198360.6 | 134404.6 | 82646.3 |
| 2.5°   | 379839.7 | 448594.8 | 492330.7 | 515008.4 | 492330.7 | 448594.8 | 379839.7 | 300313.8 | 220567.9 | 148320.3 | 91284.4 |
| 0°     | 393480.6 | 461384.1 | 515008.4 | 553501.1 | 515008.4 | 461384.1 | 393480.6 | 310154.4 | 228468.3 | 153080.7 | 94219.4 |
| -2.5°  | 379839.7 | 448594.8 | 492330.7 | 515008.4 | 492330.7 | 448594.8 | 379839.7 | 300313.8 | 220567.9 | 148320.3 | 91284.4 |
| -5°    | 342149.6 | 408135.5 | 448594.8 | 461384.1 | 448594.8 | 408135.5 | 342149.6 | 272251.0 | 198360.6 | 134404.6 | 82646.3 |
| -7.5°  | 291052.8 | 342149.6 | 379839.7 | 393480.6 | 379839.7 | 342149.6 | 291052.8 | 229212.1 | 165851.8 | 112303.2 | 68761.4 |
| -10°   | 229212.1 | 272251.0 | 300313.8 | 310154.4 | 300313.8 | 272251.0 | 229212.1 | 178261.4 | 130526.9 | 86310.4  | 50815.4 |
| -12.5° | 165851.8 | 198360.6 | 220567.9 | 228468.3 | 220567.9 | 198360.6 | 165851.8 | 130526.9 | 92395.6  | 61256.1  | 37663.6 |
| -15°   | 112303.2 | 134404.6 | 148320.3 | 153080.7 | 148320.3 | 134404.6 | 112303.2 | 86310.4  | 61256.1  | 40675.8  | 24134.7 |
| -17.5° | 68761.4  | 82646.3  | 91284.4  | 94219.4  | 91284.4  | 82646.3  | 68761.4  | 50815.4  | 37663.6  | 24134.7  | 13924.4 |
| -20°   | 38519.7  | 45680.3  | 50098.9  | 51593.4  | 50098.9  | 45680.3  | 38519.7  | 28881.5  | 20726.2  | 12317.0  | 8747.7  |



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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° | 19452.6 | 23360.5 | 25758.0 | 26566.4 | 25758.0 | 23360.5 | 19452.6 | 14151.8 | 10120.1 | 7864.6 | 6520.8 |
| -25°   | 9302.1  | 10332.2 | 10961.4 | 11173.1 | 10961.4 | 10332.2 | 9302.1  | 7896.8  | 6594.0  | 6410.4 | 6240.8 |
| -27.5° | 6487.6  | 6570.4  | 6620.8  | 6637.7  | 6620.8  | 6570.4  | 6487.6  | 6374.2  | 6233.3  | 6275.5 | 6323.5 |
| -30°   | 6267.2  | 6248.4  | 6236.9  | 6233.1  | 6236.9  | 6248.4  | 6267.2  | 6293.0  | 6325.5  | 6336.7 | 6339.7 |
| -32.5° | 6336.8  | 6335.6  | 6334.9  | 6334.7  | 6334.9  | 6335.6  | 6336.8  | 6338.4  | 6340.4  | 6331.4 | 6308.6 |
| -35°   | 6325.8  | 6334.5  | 6339.8  | 6341.6  | 6339.8  | 6334.5  | 6325.8  | 6313.7  | 6298.5  | 6262.3 | 6157.6 |
| -37.5° | 6213.1  | 6252.7  | 6276.7  | 6284.7  | 6276.7  | 6252.7  | 6213.1  | 6158.2  | 6088.7  | 6005.2 | 5887.3 |
| -40°   | 5922.0  | 5966.5  | 5993.4  | 6002.4  | 5993.4  | 5966.5  | 5922.0  | 5860.3  | 5781.9  | 5687.7 | 5563.0 |
| -42.5° | 5568.3  | 5617.1  | 5646.5  | 5656.3  | 5646.5  | 5617.1  | 5568.3  | 5500.6  | 5414.6  | 5310.9 | 5065.7 |
| -45°   | 4972.0  | 5122.2  | 5212.7  | 5243.0  | 5212.7  | 5122.2  | 4972.0  | 4763.4  | 4497.7  | 4176.9 | 3791.0 |
| -47.5° | 3549.4  | 3718.9  | 3821.1  | 3855.2  | 3821.1  | 3718.9  | 3549.4  | 3313.6  | 3013.1  | 2649.7 | 2225.6 |
| -50°   | 2113.5  | 2132.1  | 2143.4  | 2147.1  | 2143.4  | 2132.1  | 2113.5  | 2087.6  | 2054.5  | 2014.4 | 1967.6 |
| -52.5° | 1933.9  | 1938.5  | 1941.3  | 1942.2  | 1941.3  | 1938.5  | 1933.9  | 1927.5  | 1919.4  | 1909.5 | 1897.9 |
| -55°   | 1861.4  | 1875.7  | 1884.2  | 1887.1  | 1884.2  | 1875.7  | 1861.4  | 1841.5  | 1816.1  | 1785.4 | 1749.3 |
| -57.5° | 1666.0  | 1684.6  | 1695.8  | 1699.5  | 1695.8  | 1684.6  | 1666.0  | 1640.1  | 1607.0  | 1566.8 | 1519.6 |
| -60°   | 1402.7  | 1418.3  | 1427.8  | 1430.9  | 1427.8  | 1418.3  | 1402.7  | 1380.8  | 1352.9  | 1318.9 | 1279.1 |
| -62.5° | 1154.7  | 1169.4  | 1178.2  | 1181.2  | 1178.2  | 1169.4  | 1154.7  | 1134.2  | 1107.9  | 1076.0 | 1038.5 |
| -65°   | 898.4   | 911.0   | 918.7   | 921.2   | 918.7   | 911.0   | 898.4   | 880.7   | 858.1   | 830.6  | 798.3  |
| -67.5° | 655.2   | 664.2   | 669.7   | 671.5   | 669.7   | 664.2   | 655.2   | 642.5   | 626.3   | 606.5  | 583.4  |
| -70°   | 456.5   | 464.0   | 468.6   | 470.1   | 468.6   | 464.0   | 456.5   | 445.9   | 432.4   | 415.9  | 396.5  |
| -72.5° | 269.4   | 274.7   | 277.8   | 278.9   | 277.8   | 274.7   | 269.4   | 262.1   | 252.7   | 241.2  | 227.8  |
| -75°   | 122.0   | 124.1   | 125.3   | 125.7   | 125.3   | 124.1   | 122.0   | 119.1   | 115.4   | 110.9  | 105.7  |
| -77.5° | 54.2    | 54.7    | 55.0    | 55.1    | 55.0    | 54.7    | 54.2    | 53.5    | 52.6    | 51.5   | 50.2   |
| -80°   | 34.0    | 34.2    | 34.4    | 34.4    | 34.4    | 34.2    | 34.0    | 33.7    | 33.3    | 32.7   | 32.2   |
| -82.5° | 22.2    | 22.3    | 22.4    | 22.4    | 22.4    | 22.3    | 22.2    | 22.1    | 21.9    | 21.7   | 21.4   |
| -85°   | 15.4    | 15.5    | 15.5    | 15.5    | 15.5    | 15.5    | 15.4    | 15.3    | 15.3    | 15.1   | 15.0   |
| -87.5° | 10.2    | 10.3    | 10.3    | 10.3    | 10.3    | 10.3    | 10.2    | 10.1    | 10.1    | 9.9    | 9.8    |
| -90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |



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**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    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5°  | 9.7     | 9.5     | 9.3     | 9.1    | 8.9    | 8.7    | 8.4    | 8.2    | 7.9    | 7.6    | 7.3    |
| 85°    | 14.9    | 14.7    | 14.5    | 14.3   | 14.1   | 13.9   | 13.6   | 13.3   | 13.1   | 12.8   | 12.4   |
| 82.5°  | 21.1    | 20.8    | 20.5    | 20.0   | 19.6   | 19.1   | 18.6   | 18.1   | 17.5   | 16.9   | 16.3   |
| 80°    | 31.5    | 30.7    | 29.9    | 28.9   | 27.9   | 26.8   | 25.7   | 24.4   | 23.1   | 22.0   | 21.2   |
| 77.5°  | 48.8    | 47.1    | 45.3    | 43.2   | 41.1   | 38.7   | 36.2   | 33.9   | 32.2   | 30.5   | 28.7   |
| 75°    | 99.6    | 92.8    | 85.2    | 76.9   | 67.9   | 58.2   | 52.9   | 49.7   | 46.3   | 42.7   | 38.9   |
| 72.5°  | 212.3   | 194.9   | 175.6   | 154.5  | 131.5  | 117.0  | 104.8  | 91.9   | 78.2   | 63.8   | 53.3   |
| 70°    | 374.3   | 349.3   | 321.6   | 291.2  | 262.3  | 233.9  | 203.5  | 171.3  | 137.3  | 114.6  | 97.3   |
| 67.5°  | 556.8   | 526.9   | 493.7   | 458.1  | 420.7  | 380.6  | 337.7  | 292.2  | 251.1  | 210.8  | 168.6  |
| 65°    | 761.3   | 719.7   | 673.6   | 632.5  | 588.4  | 541.1  | 490.6  | 438.7  | 385.2  | 329.0  | 272.0  |
| 62.5°  | 995.6   | 947.4   | 895.1   | 839.1  | 778.5  | 713.4  | 649.3  | 590.1  | 527.7  | 462.7  | 398.0  |
| 60°    | 1233.6  | 1182.4  | 1123.6  | 1059.3 | 989.7  | 915.4  | 839.1  | 758.5  | 673.6  | 601.5  | 526.9  |
| 57.5°  | 1465.8  | 1407.1  | 1345.1  | 1277.4 | 1204.2 | 1123.6 | 1036.9 | 945.2  | 851.8  | 755.1  | 657.7  |
| 55°    | 1708.1  | 1645.8  | 1572.9  | 1493.4 | 1409.3 | 1324.1 | 1233.6 | 1136.3 | 1031.9 | 923.0  | 814.1  |
| 52.5°  | 1879.1  | 1828.8  | 1773.4  | 1713.2 | 1626.1 | 1526.8 | 1422.1 | 1318.9 | 1210.9 | 1094.7 | 972.9  |
| 50°    | 1934.7  | 1918.6  | 1901.0  | 1869.2 | 1799.0 | 1724.1 | 1621.3 | 1501.9 | 1380.8 | 1260.0 | 1132.7 |
| 47.5°  | 2098.6  | 2034.1  | 1963.1  | 1927.1 | 1904.9 | 1867.2 | 1782.1 | 1689.9 | 1556.3 | 1418.3 | 1284.7 |
| 45°    | 3268.4  | 2686.5  | 2135.3  | 2052.4 | 1963.6 | 1922.6 | 1895.8 | 1821.4 | 1721.8 | 1583.7 | 1430.9 |
| 42.5°  | 4606.4  | 4096.1  | 3464.6  | 2722.3 | 2120.9 | 2020.0 | 1934.5 | 1904.7 | 1841.1 | 1731.6 | 1583.7 |
| 40°    | 5415.2  | 5251.4  | 4670.8  | 4023.8 | 3213.5 | 2315.4 | 2054.2 | 1940.6 | 1907.6 | 1841.1 | 1721.8 |
| 37.5°  | 5753.6  | 5596.0  | 5404.0  | 5090.7 | 4353.8 | 3512.4 | 2510.8 | 2065.7 | 1940.6 | 1904.7 | 1821.4 |
| 35°    | 6039.8  | 5889.3  | 5716.7  | 5507.8 | 5273.9 | 4520.6 | 3612.7 | 2510.8 | 2054.2 | 1934.5 | 1895.8 |
| 32.5°  | 6275.9  | 6136.4  | 5981.8  | 5784.5 | 5560.4 | 5299.5 | 4520.6 | 3512.4 | 2315.4 | 2020.0 | 1922.6 |
| 30°    | 6329.5  | 6299.3  | 6195.5  | 6023.9 | 5807.3 | 5560.4 | 5273.9 | 4353.8 | 3213.5 | 2120.9 | 1963.6 |
| 27.5°  | 6337.6  | 6341.5  | 6307.6  | 6215.4 | 6023.9 | 5784.5 | 5507.8 | 5090.7 | 4023.8 | 2722.3 | 2052.4 |
| 25°    | 6298.5  | 6336.5  | 6341.0  | 6307.6 | 6195.5 | 5981.8 | 5716.7 | 5404.0 | 4670.8 | 3464.6 | 2135.3 |
| 22.5°  | 6272.9  | 6290.0  | 6336.5  | 6341.5 | 6299.3 | 6136.4 | 5889.3 | 5596.0 | 5251.4 | 4096.1 | 2686.5 |
| 20°    | 6558.3  | 6272.9  | 6298.5  | 6337.6 | 6329.5 | 6275.9 | 6039.8 | 5753.6 | 5415.2 | 4606.4 | 3268.4 |
| 17.5°  | 8747.7  | 6520.8  | 6240.8  | 6323.5 | 6339.7 | 6308.6 | 6157.6 | 5887.3 | 5563.0 | 5065.7 | 3791.0 |
| 15°    | 12317.0 | 7864.6  | 6410.4  | 6275.5 | 6336.7 | 6331.4 | 6262.3 | 6005.2 | 5687.7 | 5310.9 | 4176.9 |
| 12.5°  | 20726.2 | 10120.1 | 6594.0  | 6233.3 | 6325.5 | 6340.4 | 6298.5 | 6088.7 | 5781.9 | 5414.6 | 4497.7 |
| 10°    | 28881.5 | 14151.8 | 7896.8  | 6374.2 | 6293.0 | 6338.4 | 6313.7 | 6158.2 | 5860.3 | 5500.6 | 4763.4 |
| 7.5°   | 38519.7 | 19452.6 | 9302.1  | 6487.6 | 6267.2 | 6336.8 | 6325.8 | 6213.1 | 5922.0 | 5568.3 | 4972.0 |
| 5°     | 45680.3 | 23360.5 | 10332.2 | 6570.4 | 6248.4 | 6335.6 | 6334.5 | 6252.7 | 5966.5 | 5617.1 | 5122.2 |
| 2.5°   | 50098.9 | 25758.0 | 10961.4 | 6620.8 | 6236.9 | 6334.9 | 6339.8 | 6276.7 | 5993.4 | 5646.5 | 5212.7 |
| 0°     | 51593.4 | 26566.4 | 11173.1 | 6637.7 | 6233.1 | 6334.7 | 6341.6 | 6284.7 | 6002.4 | 5656.3 | 5243.0 |
| -2.5°  | 50098.9 | 25758.0 | 10961.4 | 6620.8 | 6236.9 | 6334.9 | 6339.8 | 6276.7 | 5993.4 | 5646.5 | 5212.7 |
| -5°    | 45680.3 | 23360.5 | 10332.2 | 6570.4 | 6248.4 | 6335.6 | 6334.5 | 6252.7 | 5966.5 | 5617.1 | 5122.2 |
| -7.5°  | 38519.7 | 19452.6 | 9302.1  | 6487.6 | 6267.2 | 6336.8 | 6325.8 | 6213.1 | 5922.0 | 5568.3 | 4972.0 |
| -10°   | 28881.5 | 14151.8 | 7896.8  | 6374.2 | 6293.0 | 6338.4 | 6313.7 | 6158.2 | 5860.3 | 5500.6 | 4763.4 |
| -12.5° | 20726.2 | 10120.1 | 6594.0  | 6233.3 | 6325.5 | 6340.4 | 6298.5 | 6088.7 | 5781.9 | 5414.6 | 4497.7 |
| -15°   | 12317.0 | 7864.6  | 6410.4  | 6275.5 | 6336.7 | 6331.4 | 6262.3 | 6005.2 | 5687.7 | 5310.9 | 4176.9 |
| -17.5° | 8747.7  | 6520.8  | 6240.8  | 6323.5 | 6339.7 | 6308.6 | 6157.6 | 5887.3 | 5563.0 | 5065.7 | 3791.0 |
| -20°   | 6558.3  | 6272.9  | 6298.5  | 6337.6 | 6329.5 | 6275.9 | 6039.8 | 5753.6 | 5415.2 | 4606.4 | 3268.4 |



REPORT NUMBER: P701428 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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° | 6272.9 | 6290.0 | 6336.5 | 6341.5 | 6299.3 | 6136.4 | 5889.3 | 5596.0 | 5251.4 | 4096.1 | 2686.5 |
| -25°   | 6298.5 | 6336.5 | 6341.0 | 6307.6 | 6195.5 | 5981.8 | 5716.7 | 5404.0 | 4670.8 | 3464.6 | 2135.3 |
| -27.5° | 6337.6 | 6341.5 | 6307.6 | 6215.4 | 6023.9 | 5784.5 | 5507.8 | 5090.7 | 4023.8 | 2722.3 | 2052.4 |
| -30°   | 6329.5 | 6299.3 | 6195.5 | 6023.9 | 5807.3 | 5560.4 | 5273.9 | 4353.8 | 3213.5 | 2120.9 | 1963.6 |
| -32.5° | 6275.9 | 6136.4 | 5981.8 | 5784.5 | 5560.4 | 5299.5 | 4520.6 | 3512.4 | 2315.4 | 2020.0 | 1922.6 |
| -35°   | 6039.8 | 5889.3 | 5716.7 | 5507.8 | 5273.9 | 4520.6 | 3612.7 | 2510.8 | 2054.2 | 1934.5 | 1895.8 |
| -37.5° | 5753.6 | 5596.0 | 5404.0 | 5090.7 | 4353.8 | 3512.4 | 2510.8 | 2065.7 | 1940.6 | 1904.7 | 1821.4 |
| -40°   | 5415.2 | 5251.4 | 4670.8 | 4023.8 | 3213.5 | 2315.4 | 2054.2 | 1940.6 | 1907.6 | 1841.1 | 1721.8 |
| -42.5° | 4606.4 | 4096.1 | 3464.6 | 2722.3 | 2120.9 | 2020.0 | 1934.5 | 1904.7 | 1841.1 | 1731.6 | 1583.7 |
| -45°   | 3268.4 | 2686.5 | 2135.3 | 2052.4 | 1963.6 | 1922.6 | 1895.8 | 1821.4 | 1721.8 | 1583.7 | 1430.9 |
| -47.5° | 2098.6 | 2034.1 | 1963.1 | 1927.1 | 1904.9 | 1867.2 | 1782.1 | 1689.9 | 1556.3 | 1418.3 | 1284.7 |
| -50°   | 1934.7 | 1918.6 | 1901.0 | 1869.2 | 1799.0 | 1724.1 | 1621.3 | 1501.9 | 1380.8 | 1260.0 | 1132.7 |
| -52.5° | 1879.1 | 1828.8 | 1773.4 | 1713.2 | 1626.1 | 1526.8 | 1422.1 | 1318.9 | 1210.9 | 1094.7 | 972.9  |
| -55°   | 1708.1 | 1645.8 | 1572.9 | 1493.4 | 1409.3 | 1324.1 | 1233.6 | 1136.3 | 1031.9 | 923.0  | 814.1  |
| -57.5° | 1465.8 | 1407.1 | 1345.1 | 1277.4 | 1204.2 | 1123.6 | 1036.9 | 945.2  | 851.8  | 755.1  | 657.7  |
| -60°   | 1233.6 | 1182.4 | 1123.6 | 1059.3 | 989.7  | 915.4  | 839.1  | 758.5  | 673.6  | 601.5  | 526.9  |
| -62.5° | 995.6  | 947.4  | 895.1  | 839.1  | 778.5  | 713.4  | 649.3  | 590.1  | 527.7  | 462.7  | 398.0  |
| -65°   | 761.3  | 719.7  | 673.6  | 632.5  | 588.4  | 541.1  | 490.6  | 438.7  | 385.2  | 329.0  | 272.0  |
| -67.5° | 556.8  | 526.9  | 493.7  | 458.1  | 420.7  | 380.6  | 337.7  | 292.2  | 251.1  | 210.8  | 168.6  |
| -70°   | 374.3  | 349.3  | 321.6  | 291.2  | 262.3  | 233.9  | 203.5  | 171.3  | 137.3  | 114.6  | 97.3   |
| -72.5° | 212.3  | 194.9  | 175.6  | 154.5  | 131.5  | 117.0  | 104.8  | 91.9   | 78.2   | 63.8   | 53.3   |
| -75°   | 99.6   | 92.8   | 85.2   | 76.9   | 67.9   | 58.2   | 52.9   | 49.7   | 46.3   | 42.7   | 38.9   |
| -77.5° | 48.8   | 47.1   | 45.3   | 43.2   | 41.1   | 38.7   | 36.2   | 33.9   | 32.2   | 30.5   | 28.7   |
| -80°   | 31.5   | 30.7   | 29.9   | 28.9   | 27.9   | 26.8   | 25.7   | 24.4   | 23.1   | 22.0   | 21.2   |
| -82.5° | 21.1   | 20.8   | 20.5   | 20.0   | 19.6   | 19.1   | 18.6   | 18.1   | 17.5   | 16.9   | 16.3   |
| -85°   | 14.9   | 14.7   | 14.5   | 14.3   | 14.1   | 13.9   | 13.6   | 13.3   | 13.1   | 12.8   | 12.4   |
| -87.5° | 9.7    | 9.5    | 9.3    | 9.1    | 8.9    | 8.7    | 8.4    | 8.2    | 7.9    | 7.6    | 7.3    |
| -90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





REPORT NUMBER: P701428 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0640L-40-70-2S-HEG-S

**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    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 7.0    | 6.6    | 6.3    | 5.9    | 5.5    | 5.1    | 4.8    | 4.4   | 3.9   | 3.5   | 3.1   |
| 85°    | 12.1   | 11.8   | 11.4   | 11.1   | 10.7   | 10.3   | 9.5    | 8.7   | 7.9   | 7.0   | 6.2   |
| 82.5°  | 15.7   | 15.1   | 14.6   | 14.0   | 13.5   | 12.9   | 12.3   | 11.7  | 11.1  | 10.4  | 9.3   |
| 80°    | 20.3   | 19.4   | 18.4   | 17.5   | 16.5   | 15.5   | 14.7   | 13.9  | 13.0  | 12.2  | 11.3  |
| 77.5°  | 26.8   | 24.8   | 22.7   | 21.4   | 20.1   | 18.8   | 17.5   | 16.2  | 15.0  | 13.9  | 12.9  |
| 75°    | 35.0   | 32.4   | 29.9   | 27.4   | 24.8   | 22.2   | 20.6   | 19.0  | 17.4  | 15.7  | 14.4  |
| 72.5°  | 48.7   | 43.9   | 38.9   | 34.1   | 31.0   | 27.9   | 24.7   | 21.9  | 19.9  | 18.0  | 16.0  |
| 70°    | 79.4   | 60.7   | 51.1   | 45.3   | 39.3   | 33.7   | 30.0   | 26.3  | 22.5  | 20.2  | 18.0  |
| 67.5°  | 125.2  | 104.2  | 82.5   | 60.2   | 49.8   | 42.9   | 35.9   | 31.1  | 26.8  | 22.5  | 19.9  |
| 65°    | 223.1  | 172.4  | 123.1  | 98.3   | 72.7   | 52.6   | 44.8   | 36.8  | 31.1  | 26.3  | 21.9  |
| 62.5°  | 330.7  | 264.6  | 206.9  | 147.6  | 107.8  | 79.1   | 53.5   | 44.8  | 35.9  | 30.0  | 24.7  |
| 60°    | 450.4  | 374.3  | 295.8  | 227.8  | 161.5  | 110.9  | 79.1   | 52.6  | 42.9  | 33.7  | 27.9  |
| 57.5°  | 573.6  | 486.6  | 400.7  | 313.3  | 234.8  | 161.5  | 107.8  | 72.7  | 49.8  | 39.3  | 31.0  |
| 55°    | 701.4  | 601.8  | 505.3  | 409.5  | 313.3  | 227.8  | 147.6  | 98.3  | 60.2  | 45.3  | 34.1  |
| 52.5°  | 849.8  | 725.0  | 611.2  | 505.3  | 400.7  | 295.8  | 206.9  | 123.1 | 82.5  | 51.1  | 38.9  |
| 50°    | 998.0  | 861.7  | 725.0  | 601.8  | 486.6  | 374.3  | 264.6  | 172.4 | 104.2 | 60.7  | 43.9  |
| 47.5°  | 1145.5 | 998.0  | 849.8  | 701.4  | 573.6  | 450.4  | 330.7  | 223.1 | 125.2 | 79.4  | 48.7  |
| 45°    | 1284.7 | 1132.7 | 972.9  | 814.1  | 657.7  | 526.9  | 398.0  | 272.0 | 168.6 | 97.3  | 53.3  |
| 42.5°  | 1418.3 | 1260.0 | 1094.7 | 923.0  | 755.1  | 601.5  | 462.7  | 329.0 | 210.8 | 114.6 | 63.8  |
| 40°    | 1556.3 | 1380.8 | 1210.9 | 1031.9 | 851.8  | 673.6  | 527.7  | 385.2 | 251.1 | 137.3 | 78.2  |
| 37.5°  | 1689.9 | 1501.9 | 1318.9 | 1136.3 | 945.2  | 758.5  | 590.1  | 438.7 | 292.2 | 171.3 | 91.9  |
| 35°    | 1782.1 | 1621.3 | 1422.1 | 1233.6 | 1036.9 | 839.1  | 649.3  | 490.6 | 337.7 | 203.5 | 104.8 |
| 32.5°  | 1867.2 | 1724.1 | 1526.8 | 1324.1 | 1123.6 | 915.4  | 713.4  | 541.1 | 380.6 | 233.9 | 117.0 |
| 30°    | 1904.9 | 1799.0 | 1626.1 | 1409.3 | 1204.2 | 989.7  | 778.5  | 588.4 | 420.7 | 262.3 | 131.5 |
| 27.5°  | 1927.1 | 1869.2 | 1713.2 | 1493.4 | 1277.4 | 1059.3 | 839.1  | 632.5 | 458.1 | 291.2 | 154.5 |
| 25°    | 1963.1 | 1901.0 | 1773.4 | 1572.9 | 1345.1 | 1123.6 | 895.1  | 673.6 | 493.7 | 321.6 | 175.6 |
| 22.5°  | 2034.1 | 1918.6 | 1828.8 | 1645.8 | 1407.1 | 1182.4 | 947.4  | 719.7 | 526.9 | 349.3 | 194.9 |
| 20°    | 2098.6 | 1934.7 | 1879.1 | 1708.1 | 1465.8 | 1233.6 | 995.6  | 761.3 | 556.8 | 374.3 | 212.3 |
| 17.5°  | 2225.6 | 1967.6 | 1897.9 | 1749.3 | 1519.6 | 1279.1 | 1038.5 | 798.3 | 583.4 | 396.5 | 227.8 |
| 15°    | 2649.7 | 2014.4 | 1909.5 | 1785.4 | 1566.8 | 1318.9 | 1076.0 | 830.6 | 606.5 | 415.9 | 241.2 |
| 12.5°  | 3013.1 | 2054.5 | 1919.4 | 1816.1 | 1607.0 | 1352.9 | 1107.9 | 858.1 | 626.3 | 432.4 | 252.7 |
| 10°    | 3313.6 | 2087.6 | 1927.5 | 1841.5 | 1640.1 | 1380.8 | 1134.2 | 880.7 | 642.5 | 445.9 | 262.1 |
| 7.5°   | 3549.4 | 2113.5 | 1933.9 | 1861.4 | 1666.0 | 1402.7 | 1154.7 | 898.4 | 655.2 | 456.5 | 269.4 |
| 5°     | 3718.9 | 2132.1 | 1938.5 | 1875.7 | 1684.6 | 1418.3 | 1169.4 | 911.0 | 664.2 | 464.0 | 274.7 |
| 2.5°   | 3821.1 | 2143.4 | 1941.3 | 1884.2 | 1695.8 | 1427.8 | 1178.2 | 918.7 | 669.7 | 468.6 | 277.8 |
| 0°     | 3855.2 | 2147.1 | 1942.2 | 1887.1 | 1699.5 | 1430.9 | 1181.2 | 921.2 | 671.5 | 470.1 | 278.9 |
| -2.5°  | 3821.1 | 2143.4 | 1941.3 | 1884.2 | 1695.8 | 1427.8 | 1178.2 | 918.7 | 669.7 | 468.6 | 277.8 |
| -5°    | 3718.9 | 2132.1 | 1938.5 | 1875.7 | 1684.6 | 1418.3 | 1169.4 | 911.0 | 664.2 | 464.0 | 274.7 |
| -7.5°  | 3549.4 | 2113.5 | 1933.9 | 1861.4 | 1666.0 | 1402.7 | 1154.7 | 898.4 | 655.2 | 456.5 | 269.4 |
| -10°   | 3313.6 | 2087.6 | 1927.5 | 1841.5 | 1640.1 | 1380.8 | 1134.2 | 880.7 | 642.5 | 445.9 | 262.1 |
| -12.5° | 3013.1 | 2054.5 | 1919.4 | 1816.1 | 1607.0 | 1352.9 | 1107.9 | 858.1 | 626.3 | 432.4 | 252.7 |
| -15°   | 2649.7 | 2014.4 | 1909.5 | 1785.4 | 1566.8 | 1318.9 | 1076.0 | 830.6 | 606.5 | 415.9 | 241.2 |
| -17.5° | 2225.6 | 1967.6 | 1897.9 | 1749.3 | 1519.6 | 1279.1 | 1038.5 | 798.3 | 583.4 | 396.5 | 227.8 |
| -20°   | 2098.6 | 1934.7 | 1879.1 | 1708.1 | 1465.8 | 1233.6 | 995.6  | 761.3 | 556.8 | 374.3 | 212.3 |



REPORT NUMBER: P701428 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0640L-40-70-2S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°    | 57.5°  | 60°    | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2034.1 | 1918.6 | 1828.8 | 1645.8 | 1407.1 | 1182.4 | 947.4 | 719.7 | 526.9 | 349.3 | 194.9 |
| -25°   | 1963.1 | 1901.0 | 1773.4 | 1572.9 | 1345.1 | 1123.6 | 895.1 | 673.6 | 493.7 | 321.6 | 175.6 |
| -27.5° | 1927.1 | 1869.2 | 1713.2 | 1493.4 | 1277.4 | 1059.3 | 839.1 | 632.5 | 458.1 | 291.2 | 154.5 |
| -30°   | 1904.9 | 1799.0 | 1626.1 | 1409.3 | 1204.2 | 989.7  | 778.5 | 588.4 | 420.7 | 262.3 | 131.5 |
| -32.5° | 1867.2 | 1724.1 | 1526.8 | 1324.1 | 1123.6 | 915.4  | 713.4 | 541.1 | 380.6 | 233.9 | 117.0 |
| -35°   | 1782.1 | 1621.3 | 1422.1 | 1233.6 | 1036.9 | 839.1  | 649.3 | 490.6 | 337.7 | 203.5 | 104.8 |
| -37.5° | 1689.9 | 1501.9 | 1318.9 | 1136.3 | 945.2  | 758.5  | 590.1 | 438.7 | 292.2 | 171.3 | 91.9  |
| -40°   | 1556.3 | 1380.8 | 1210.9 | 1031.9 | 851.8  | 673.6  | 527.7 | 385.2 | 251.1 | 137.3 | 78.2  |
| -42.5° | 1418.3 | 1260.0 | 1094.7 | 923.0  | 755.1  | 601.5  | 462.7 | 329.0 | 210.8 | 114.6 | 63.8  |
| -45°   | 1284.7 | 1132.7 | 972.9  | 814.1  | 657.7  | 526.9  | 398.0 | 272.0 | 168.6 | 97.3  | 53.3  |
| -47.5° | 1145.5 | 998.0  | 849.8  | 701.4  | 573.6  | 450.4  | 330.7 | 223.1 | 125.2 | 79.4  | 48.7  |
| -50°   | 998.0  | 861.7  | 725.0  | 601.8  | 486.6  | 374.3  | 264.6 | 172.4 | 104.2 | 60.7  | 43.9  |
| -52.5° | 849.8  | 725.0  | 611.2  | 505.3  | 400.7  | 295.8  | 206.9 | 123.1 | 82.5  | 51.1  | 38.9  |
| -55°   | 701.4  | 601.8  | 505.3  | 409.5  | 313.3  | 227.8  | 147.6 | 98.3  | 60.2  | 45.3  | 34.1  |
| -57.5° | 573.6  | 486.6  | 400.7  | 313.3  | 234.8  | 161.5  | 107.8 | 72.7  | 49.8  | 39.3  | 31.0  |
| -60°   | 450.4  | 374.3  | 295.8  | 227.8  | 161.5  | 110.9  | 79.1  | 52.6  | 42.9  | 33.7  | 27.9  |
| -62.5° | 330.7  | 264.6  | 206.9  | 147.6  | 107.8  | 79.1   | 53.5  | 44.8  | 35.9  | 30.0  | 24.7  |
| -65°   | 223.1  | 172.4  | 123.1  | 98.3   | 72.7   | 52.6   | 44.8  | 36.8  | 31.1  | 26.3  | 21.9  |
| -67.5° | 125.2  | 104.2  | 82.5   | 60.2   | 49.8   | 42.9   | 35.9  | 31.1  | 26.8  | 22.5  | 19.9  |
| -70°   | 79.4   | 60.7   | 51.1   | 45.3   | 39.3   | 33.7   | 30.0  | 26.3  | 22.5  | 20.2  | 18.0  |
| -72.5° | 48.7   | 43.9   | 38.9   | 34.1   | 31.0   | 27.9   | 24.7  | 21.9  | 19.9  | 18.0  | 16.0  |
| -75°   | 35.0   | 32.4   | 29.9   | 27.4   | 24.8   | 22.2   | 20.6  | 19.0  | 17.4  | 15.7  | 14.4  |
| -77.5° | 26.8   | 24.8   | 22.7   | 21.4   | 20.1   | 18.8   | 17.5  | 16.2  | 15.0  | 13.9  | 12.9  |
| -80°   | 20.3   | 19.4   | 18.4   | 17.5   | 16.5   | 15.5   | 14.7  | 13.9  | 13.0  | 12.2  | 11.3  |
| -82.5° | 15.7   | 15.1   | 14.6   | 14.0   | 13.5   | 12.9   | 12.3  | 11.7  | 11.1  | 10.4  | 9.3   |
| -85°   | 12.1   | 11.8   | 11.4   | 11.1   | 10.7   | 10.3   | 9.5   | 8.7   | 7.9   | 7.0   | 6.2   |
| -87.5° | 7.0    | 6.6    | 6.3    | 5.9    | 5.5    | 5.1    | 4.8   | 4.4   | 3.9   | 3.5   | 3.1   |
| -90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P701428 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0640L-40-70-2S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 75°   | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| 90°    | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5°  | 2.7   | 2.2   | 1.8  | 1.3   | 0.9  | 0.4   | 0.0 |
| 85°    | 5.3   | 4.5   | 3.6  | 2.7   | 1.8  | 0.9   | 0.0 |
| 82.5°  | 8.0   | 6.7   | 5.4  | 4.0   | 2.7  | 1.3   | 0.0 |
| 80°    | 10.5  | 8.9   | 7.1  | 5.4   | 3.6  | 1.8   | 0.0 |
| 77.5°  | 11.8  | 10.7  | 8.9  | 6.7   | 4.5  | 2.2   | 0.0 |
| 75°    | 13.1  | 11.8  | 10.5 | 8.0   | 5.3  | 2.7   | 0.0 |
| 72.5°  | 14.4  | 12.9  | 11.3 | 9.3   | 6.2  | 3.1   | 0.0 |
| 70°    | 15.7  | 13.9  | 12.2 | 10.4  | 7.0  | 3.5   | 0.0 |
| 67.5°  | 17.4  | 15.0  | 13.0 | 11.1  | 7.9  | 3.9   | 0.0 |
| 65°    | 19.0  | 16.2  | 13.9 | 11.7  | 8.7  | 4.4   | 0.0 |
| 62.5°  | 20.6  | 17.5  | 14.7 | 12.3  | 9.5  | 4.8   | 0.0 |
| 60°    | 22.2  | 18.8  | 15.5 | 12.9  | 10.3 | 5.1   | 0.0 |
| 57.5°  | 24.8  | 20.1  | 16.5 | 13.5  | 10.7 | 5.5   | 0.0 |
| 55°    | 27.4  | 21.4  | 17.5 | 14.0  | 11.1 | 5.9   | 0.0 |
| 52.5°  | 29.9  | 22.7  | 18.4 | 14.6  | 11.4 | 6.3   | 0.0 |
| 50°    | 32.4  | 24.8  | 19.4 | 15.1  | 11.8 | 6.6   | 0.0 |
| 47.5°  | 35.0  | 26.8  | 20.3 | 15.7  | 12.1 | 7.0   | 0.0 |
| 45°    | 38.9  | 28.7  | 21.2 | 16.3  | 12.4 | 7.3   | 0.0 |
| 42.5°  | 42.7  | 30.5  | 22.0 | 16.9  | 12.8 | 7.6   | 0.0 |
| 40°    | 46.3  | 32.2  | 23.1 | 17.5  | 13.1 | 7.9   | 0.0 |
| 37.5°  | 49.7  | 33.9  | 24.4 | 18.1  | 13.3 | 8.2   | 0.0 |
| 35°    | 52.9  | 36.2  | 25.7 | 18.6  | 13.6 | 8.4   | 0.0 |
| 32.5°  | 58.2  | 38.7  | 26.8 | 19.1  | 13.9 | 8.7   | 0.0 |
| 30°    | 67.9  | 41.1  | 27.9 | 19.6  | 14.1 | 8.9   | 0.0 |
| 27.5°  | 76.9  | 43.2  | 28.9 | 20.0  | 14.3 | 9.1   | 0.0 |
| 25°    | 85.2  | 45.3  | 29.9 | 20.5  | 14.5 | 9.3   | 0.0 |
| 22.5°  | 92.8  | 47.1  | 30.7 | 20.8  | 14.7 | 9.5   | 0.0 |
| 20°    | 99.6  | 48.8  | 31.5 | 21.1  | 14.9 | 9.7   | 0.0 |
| 17.5°  | 105.7 | 50.2  | 32.2 | 21.4  | 15.0 | 9.8   | 0.0 |
| 15°    | 110.9 | 51.5  | 32.7 | 21.7  | 15.1 | 9.9   | 0.0 |
| 12.5°  | 115.4 | 52.6  | 33.3 | 21.9  | 15.3 | 10.1  | 0.0 |
| 10°    | 119.1 | 53.5  | 33.7 | 22.1  | 15.3 | 10.1  | 0.0 |
| 7.5°   | 122.0 | 54.2  | 34.0 | 22.2  | 15.4 | 10.2  | 0.0 |
| 5°     | 124.1 | 54.7  | 34.2 | 22.3  | 15.5 | 10.3  | 0.0 |
| 2.5°   | 125.3 | 55.0  | 34.4 | 22.4  | 15.5 | 10.3  | 0.0 |
| 0°     | 125.7 | 55.1  | 34.4 | 22.4  | 15.5 | 10.3  | 0.0 |
| -2.5°  | 125.3 | 55.0  | 34.4 | 22.4  | 15.5 | 10.3  | 0.0 |
| -5°    | 124.1 | 54.7  | 34.2 | 22.3  | 15.5 | 10.3  | 0.0 |
| -7.5°  | 122.0 | 54.2  | 34.0 | 22.2  | 15.4 | 10.2  | 0.0 |
| -10°   | 119.1 | 53.5  | 33.7 | 22.1  | 15.3 | 10.1  | 0.0 |
| -12.5° | 115.4 | 52.6  | 33.3 | 21.9  | 15.3 | 10.1  | 0.0 |
| -15°   | 110.9 | 51.5  | 32.7 | 21.7  | 15.1 | 9.9   | 0.0 |
| -17.5° | 105.7 | 50.2  | 32.2 | 21.4  | 15.0 | 9.8   | 0.0 |
| -20°   | 99.6  | 48.8  | 31.5 | 21.1  | 14.9 | 9.7   | 0.0 |



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 CATALOG NUMBER: EPH-LS-08-0640L-40-70-2S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 92.8 | 47.1  | 30.7 | 20.8  | 14.7 | 9.5   | 0.0 |
| -25°   | 85.2 | 45.3  | 29.9 | 20.5  | 14.5 | 9.3   | 0.0 |
| -27.5° | 76.9 | 43.2  | 28.9 | 20.0  | 14.3 | 9.1   | 0.0 |
| -30°   | 67.9 | 41.1  | 27.9 | 19.6  | 14.1 | 8.9   | 0.0 |
| -32.5° | 58.2 | 38.7  | 26.8 | 19.1  | 13.9 | 8.7   | 0.0 |
| -35°   | 52.9 | 36.2  | 25.7 | 18.6  | 13.6 | 8.4   | 0.0 |
| -37.5° | 49.7 | 33.9  | 24.4 | 18.1  | 13.3 | 8.2   | 0.0 |
| -40°   | 46.3 | 32.2  | 23.1 | 17.5  | 13.1 | 7.9   | 0.0 |
| -42.5° | 42.7 | 30.5  | 22.0 | 16.9  | 12.8 | 7.6   | 0.0 |
| -45°   | 38.9 | 28.7  | 21.2 | 16.3  | 12.4 | 7.3   | 0.0 |
| -47.5° | 35.0 | 26.8  | 20.3 | 15.7  | 12.1 | 7.0   | 0.0 |
| -50°   | 32.4 | 24.8  | 19.4 | 15.1  | 11.8 | 6.6   | 0.0 |
| -52.5° | 29.9 | 22.7  | 18.4 | 14.6  | 11.4 | 6.3   | 0.0 |
| -55°   | 27.4 | 21.4  | 17.5 | 14.0  | 11.1 | 5.9   | 0.0 |
| -57.5° | 24.8 | 20.1  | 16.5 | 13.5  | 10.7 | 5.5   | 0.0 |
| -60°   | 22.2 | 18.8  | 15.5 | 12.9  | 10.3 | 5.1   | 0.0 |
| -62.5° | 20.6 | 17.5  | 14.7 | 12.3  | 9.5  | 4.8   | 0.0 |
| -65°   | 19.0 | 16.2  | 13.9 | 11.7  | 8.7  | 4.4   | 0.0 |
| -67.5° | 17.4 | 15.0  | 13.0 | 11.1  | 7.9  | 3.9   | 0.0 |
| -70°   | 15.7 | 13.9  | 12.2 | 10.4  | 7.0  | 3.5   | 0.0 |
| -72.5° | 14.4 | 12.9  | 11.3 | 9.3   | 6.2  | 3.1   | 0.0 |
| -75°   | 13.1 | 11.8  | 10.5 | 8.0   | 5.3  | 2.7   | 0.0 |
| -77.5° | 11.8 | 10.7  | 8.9  | 6.7   | 4.5  | 2.2   | 0.0 |
| -80°   | 10.5 | 8.9   | 7.1  | 5.4   | 3.6  | 1.8   | 0.0 |
| -82.5° | 8.0  | 6.7   | 5.4  | 4.0   | 2.7  | 1.3   | 0.0 |
| -85°   | 5.3  | 4.5   | 3.6  | 2.7   | 1.8  | 0.9   | 0.0 |
| -87.5° | 2.7  | 2.2   | 1.8  | 1.3   | 0.9  | 0.4   | 0.0 |
| -90°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |

(END OF REPORT)

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

Scaled Data Report



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Scaled Data Report





Horizontal Angle (degrees)



Horizontal Angle (degrees)



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Scaled Data Report

