

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: P701417 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0320L-57-70-3S-HEG-S**

Issue Date: 8/15/2023

**Test Information**

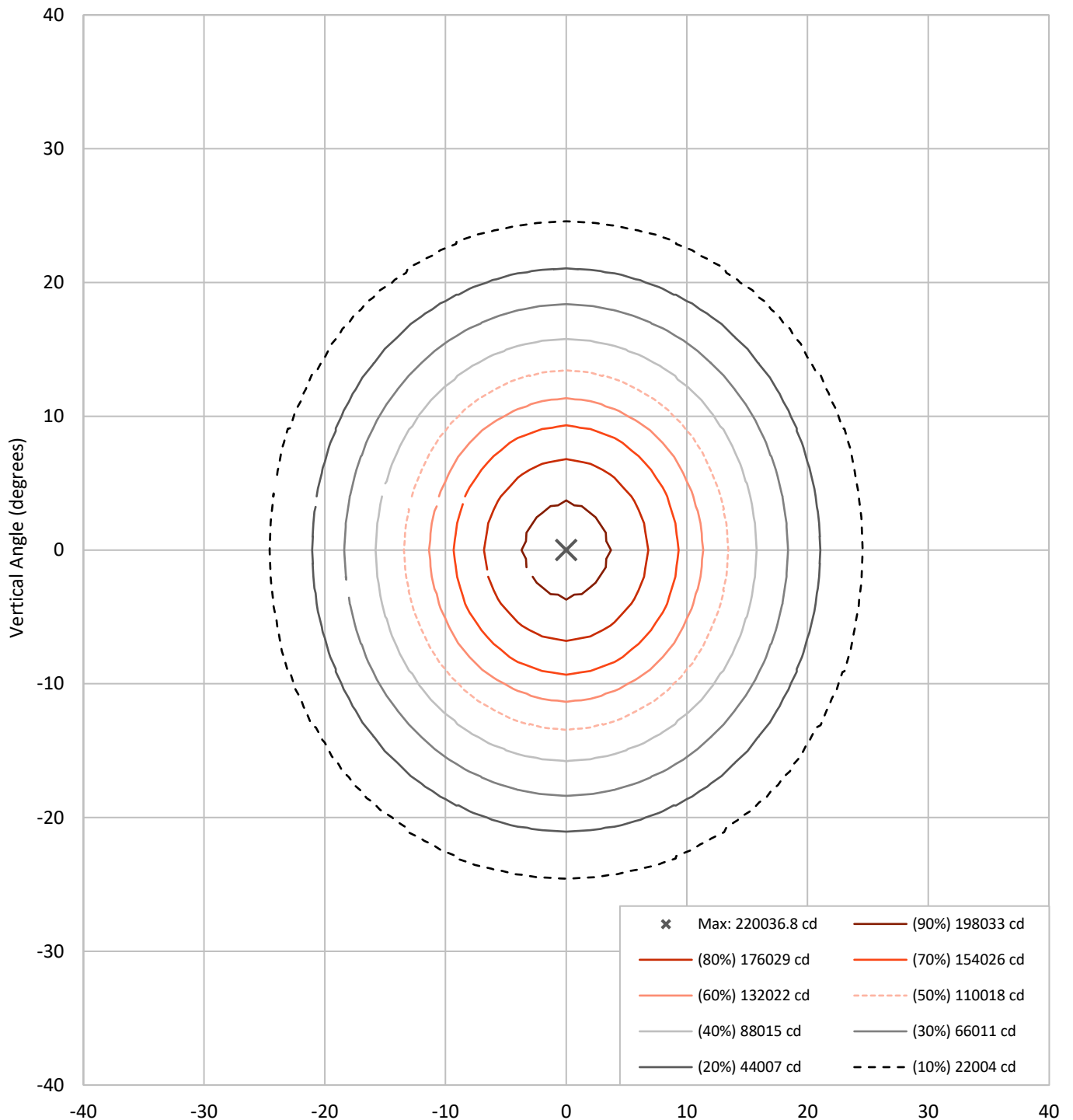
Test Method: LM-79-08  
Report Number: P701417 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 8/15/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-LS-08-0320L-57-70-3S-HEG-S  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                                      |                      |                  |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 4H x 4V          |
| Luminaire Lumens:                 | 59429 lumens                         | Max Intensity:       | 220036.8 candela |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:                         | 172.7 lumens/watt                    |                      |                  |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%):                 | 26.9°H x 26.9°V                      | Field Angle (10%):   | 48.9°H x 48.9°V  |
| Beam Lumens:                      | 25767.5 lumens                       | Field Lumens:        | 49331.9 lumens   |
| Beam Efficiency:                  | 43.4%                                | Field Efficiency:    | 83.0%            |
| Input Watts (W):                  | 344.2                                |                      |                  |
| 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





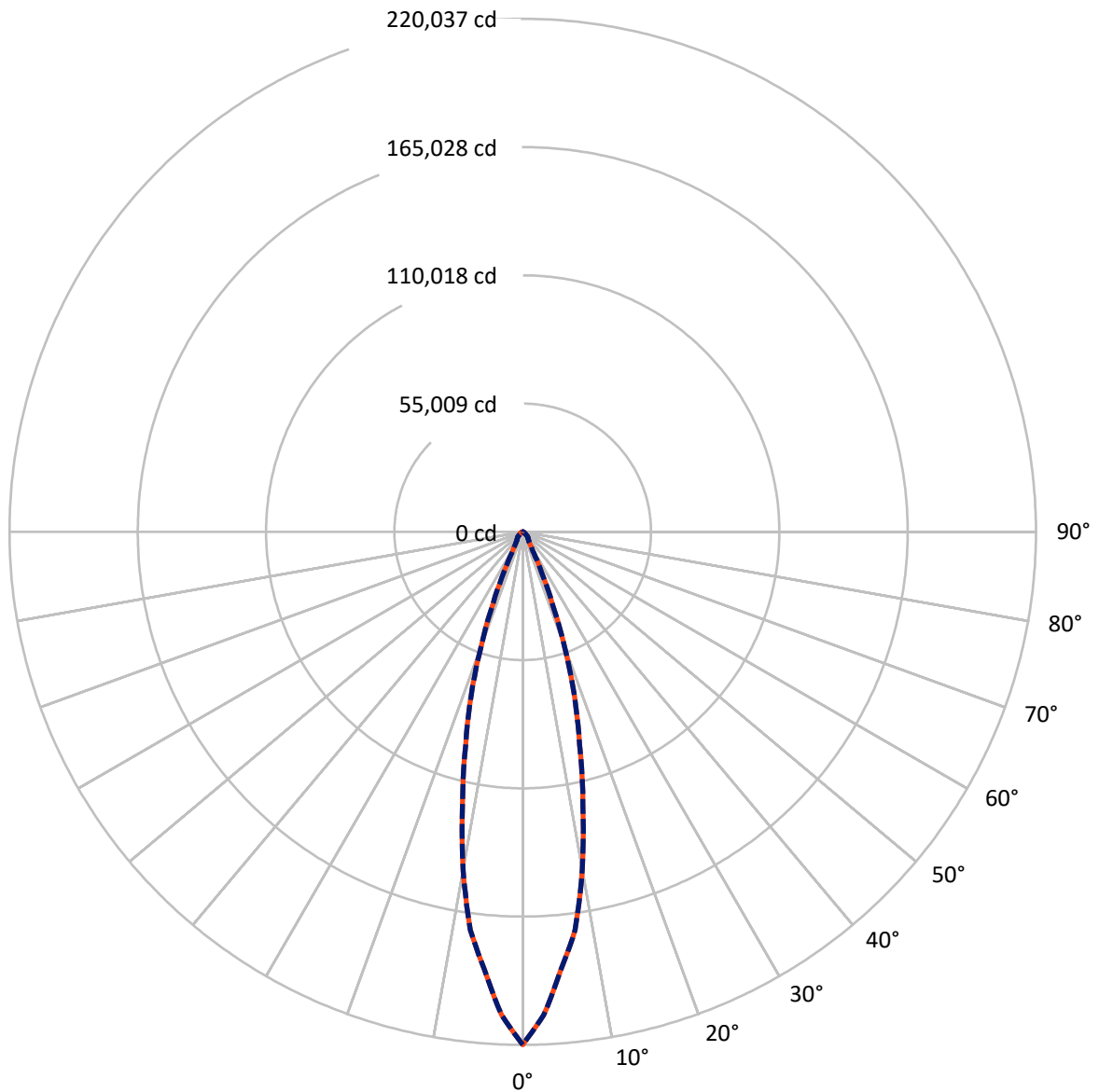
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### Lumen Table

|     |     |     |      |      |       |       |        |        |        |        |       |       |      |      |     |     |
|-----|-----|-----|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|-----|-----|
| 90  |     |     |      |      |       |       |        |        |        |        |       |       |      |      |     |     |
| 80  | 0.1 | 0.5 |      | 2.1  |       | 5.4   |        | 7.1    |        | 5.4    |       | 2.1   |      | 0.5  |     | 0.1 |
| 70  |     |     |      |      |       |       |        |        |        |        |       |       |      |      |     |     |
| 60  | 0.2 | 0.3 | 1.3  | 3.9  | 7.8   | 11.8  | 15.1   | 16.9   | 16.9   | 15.1   | 11.8  | 7.8   | 3.9  | 1.3  | 0.3 | 0.2 |
| 50  |     | 1.0 | 4.6  | 10.8 | 18.6  | 26.5  | 32.9   | 36.3   | 36.3   | 32.9   | 26.5  | 18.6  | 10.8 | 4.6  | 1.0 |     |
| 40  | 0.7 | 2.4 | 8.8  | 18.8 | 31.1  | 49.0  | 70.1   | 82.3   | 82.3   | 70.1   | 49.0  | 31.1  | 18.8 | 8.8  | 2.4 | 0.7 |
| 30  |     | 4.1 | 13.1 | 26.9 | 54.9  | 90.5  | 116.4  | 136.7  | 136.7  | 116.4  | 90.5  | 54.9  | 26.9 | 13.1 | 4.1 |     |
| 20  | 1.6 | 5.7 | 17.0 | 38.6 | 81.9  | 129.7 | 299.8  | 616.6  | 616.6  | 299.8  | 129.7 | 81.9  | 38.6 | 17.0 | 5.7 | 1.6 |
| 10  |     | 6.8 | 19.7 | 51.9 | 99.0  | 283.0 | 1311.6 | 2626.6 | 2626.6 | 1311.6 | 283.0 | 99.0  | 51.9 | 19.7 | 6.8 |     |
| 0   | 2.0 | 7.4 | 21.1 | 59.0 | 113.0 | 567.6 | 2554.7 | 5038.3 | 5038.3 | 2554.7 | 567.6 | 113.0 | 59.0 | 21.1 | 7.4 | 2.0 |
| -10 |     | 7.4 | 21.1 | 59.0 | 113.0 | 567.6 | 2554.7 | 5038.3 | 5038.3 | 2554.7 | 567.6 | 113.0 | 59.0 | 21.1 | 7.4 |     |
| -20 | 1.6 | 6.8 | 19.7 | 51.9 | 99.0  | 283.0 | 1311.6 | 2626.6 | 2626.6 | 1311.6 | 283.0 | 99.0  | 51.9 | 19.7 | 6.8 | 1.6 |
| -30 |     | 5.7 | 17.0 | 38.6 | 81.9  | 129.7 | 299.8  | 616.6  | 616.6  | 299.8  | 129.7 | 81.9  | 38.6 | 17.0 | 5.7 |     |
| -40 | 0.7 | 4.1 | 13.1 | 26.9 | 54.9  | 90.5  | 116.4  | 136.7  | 136.7  | 116.4  | 90.5  | 54.9  | 26.9 | 13.1 | 4.1 | 0.7 |
| -50 |     | 2.4 | 8.8  | 18.8 | 31.1  | 49.0  | 70.1   | 82.3   | 82.3   | 70.1   | 49.0  | 31.1  | 18.8 | 8.8  | 2.4 |     |
| -60 | 0.2 | 1.0 | 4.6  | 10.8 | 18.6  | 26.5  | 32.9   | 36.3   | 36.3   | 32.9   | 26.5  | 18.6  | 10.8 | 4.6  | 1.0 | 0.2 |
| -70 |     | 0.3 | 1.3  | 3.9  | 7.8   | 11.8  | 15.1   | 16.9   | 16.9   | 15.1   | 11.8  | 7.8   | 3.9  | 1.3  | 0.3 |     |
| -80 |     |     |      |      |       |       |        |        |        |        |       |       |      |      |     |     |
| -90 | 0.1 | 0.5 |      | 2.1  |       | 5.4   |        | 7.1    |        | 5.4    |       | 2.1   |      | 0.5  |     | 0.1 |

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CATALOG NUMBER: EPH-LS-08-0320L-57-70-3S-HEG-S

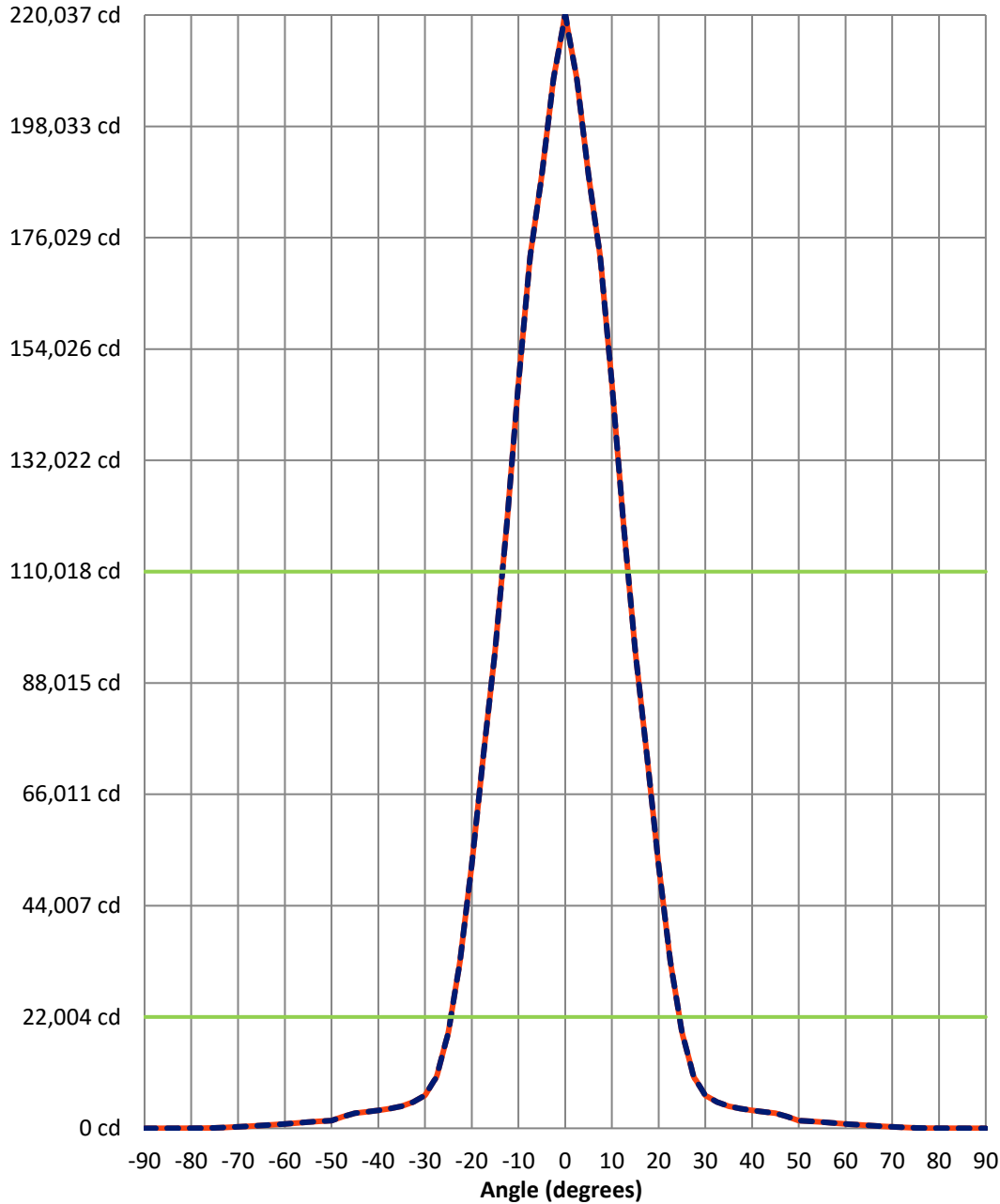
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 26.9°  
 V Angle: 26.9°  
 Lumens: 25767.5  
 Efficiency: 43.4%

**Field:**  
 H Angle: 48.9°  
 V Angle: 48.9°  
 Lumens: 49331.9  
 Efficiency: 83.0%

**Spill:**  
 Lumens: 10097.1  
 Efficiency: 17.0%

— 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  | 0.2    | 0.3  | 0.5    | 0.7  | 0.9    | 1.0  | 1.2    | 1.4   | 1.5    | 1.7   |
| 85°    | 0.0  | 0.3    | 0.7  | 1.0    | 1.4  | 1.7    | 2.1  | 2.4    | 2.7   | 3.1    | 3.4   |
| 82.5°  | 0.0  | 0.5    | 1.0  | 1.6    | 2.1  | 2.6    | 3.1  | 3.6    | 4.1   | 4.4    | 4.8   |
| 80°    | 0.0  | 0.7    | 1.4  | 2.1    | 2.8  | 3.4    | 4.1  | 4.6    | 5.1   | 5.6    | 6.1   |
| 77.5°  | 0.0  | 0.9    | 1.7  | 2.6    | 3.4  | 4.2    | 4.9  | 5.5    | 6.1   | 6.7    | 7.5   |
| 75°    | 0.0  | 1.0    | 2.1  | 3.1    | 4.1  | 4.9    | 5.6  | 6.4    | 7.2   | 8.4    | 9.6   |
| 72.5°  | 0.0  | 1.2    | 2.4  | 3.6    | 4.6  | 5.5    | 6.4  | 7.4    | 8.8   | 10.2   | 11.6  |
| 70°    | 0.0  | 1.4    | 2.7  | 4.1    | 5.1  | 6.1    | 7.2  | 8.8    | 10.4  | 12.1   | 14.3  |
| 67.5°  | 0.0  | 1.5    | 3.1  | 4.4    | 5.6  | 6.7    | 8.4  | 10.2   | 12.1  | 14.6   | 17.1  |
| 65°    | 0.0  | 1.7    | 3.4  | 4.8    | 6.1  | 7.5    | 9.6  | 11.6   | 14.3  | 17.1   | 20.6  |
| 62.5°  | 0.0  | 1.8    | 3.7  | 5.1    | 6.5  | 8.5    | 10.7 | 13.3   | 16.4  | 20.0   | 26.0  |
| 60°    | 0.0  | 2.0    | 4.0  | 5.5    | 7.0  | 9.4    | 11.9 | 15.2   | 18.6  | 24.8   | 31.3  |
| 57.5°  | 0.0  | 2.1    | 4.2  | 5.8    | 7.7  | 10.4   | 13.4 | 17.0   | 22.3  | 29.4   | 45.0  |
| 55°    | 0.0  | 2.3    | 4.4  | 6.2    | 8.4  | 11.3   | 14.9 | 18.8   | 26.4  | 36.4   | 62.3  |
| 52.5°  | 0.0  | 2.4    | 4.6  | 6.5    | 9.1  | 12.2   | 16.4 | 22.1   | 30.3  | 51.7   | 79.2  |
| 50°    | 0.0  | 2.6    | 4.9  | 6.8    | 9.8  | 13.4   | 17.8 | 25.4   | 36.8  | 66.4   | 110.0 |
| 47.5°  | 0.0  | 2.7    | 5.1  | 7.1    | 10.5 | 14.5   | 19.4 | 28.6   | 49.5  | 80.7   | 141.4 |
| 45°    | 0.0  | 2.8    | 5.2  | 7.6    | 11.1 | 15.6   | 22.1 | 31.7   | 61.7  | 107.6  | 171.7 |
| 42.5°  | 0.0  | 2.9    | 5.4  | 8.0    | 11.7 | 16.7   | 24.6 | 38.9   | 73.4  | 133.8  | 207.4 |
| 40°    | 0.0  | 3.1    | 5.6  | 8.5    | 12.4 | 17.7   | 27.0 | 48.7   | 88.2  | 158.8  | 242.7 |
| 37.5°  | 0.0  | 3.2    | 5.8  | 8.9    | 13.2 | 18.7   | 29.4 | 58.0   | 109.3 | 184.4  | 276.3 |
| 35°    | 0.0  | 3.3    | 5.9  | 9.3    | 13.9 | 20.2   | 31.5 | 66.8   | 129.3 | 212.9  | 307.9 |
| 32.5°  | 0.0  | 3.4    | 6.1  | 9.6    | 14.6 | 21.9   | 35.1 | 75.1   | 148.1 | 239.8  | 337.2 |
| 30°    | 0.0  | 3.5    | 6.2  | 10.0   | 15.2 | 23.5   | 41.7 | 84.6   | 165.7 | 265.0  | 364.8 |
| 27.5°  | 0.0  | 3.5    | 6.3  | 10.3   | 15.8 | 25.0   | 47.8 | 98.8   | 183.7 | 288.5  | 390.4 |
| 25°    | 0.0  | 3.6    | 6.4  | 10.6   | 16.4 | 26.4   | 53.5 | 112.0  | 202.8 | 309.7  | 414.2 |
| 22.5°  | 0.0  | 3.7    | 6.5  | 10.9   | 16.8 | 27.6   | 58.6 | 123.9  | 220.2 | 329.0  | 441.6 |
| 20°    | 0.0  | 3.8    | 6.6  | 11.1   | 17.3 | 28.7   | 63.3 | 134.7  | 235.9 | 346.4  | 466.2 |
| 17.5°  | 0.0  | 3.8    | 6.7  | 11.3   | 17.7 | 29.7   | 67.4 | 144.3  | 249.8 | 361.8  | 488.2 |
| 15°    | 0.0  | 3.9    | 6.8  | 11.5   | 18.0 | 30.6   | 71.0 | 152.6  | 262.0 | 375.3  | 507.3 |
| 12.5°  | 0.0  | 3.9    | 6.9  | 11.6   | 18.3 | 31.3   | 74.0 | 159.7  | 272.3 | 386.7  | 523.6 |
| 10°    | 0.0  | 3.9    | 6.9  | 11.8   | 18.6 | 31.9   | 76.5 | 165.6  | 280.8 | 396.1  | 537.0 |
| 7.5°   | 0.0  | 4.0    | 6.9  | 11.9   | 18.8 | 32.4   | 78.5 | 170.1  | 287.4 | 403.5  | 547.5 |
| 5°     | 0.0  | 4.0    | 7.0  | 11.9   | 18.9 | 32.7   | 79.9 | 173.4  | 292.2 | 408.8  | 555.0 |
| 2.5°   | 0.0  | 4.0    | 7.0  | 12.0   | 19.0 | 32.9   | 80.7 | 175.3  | 295.0 | 411.9  | 559.5 |
| 0°     | 0.0  | 4.0    | 7.0  | 12.0   | 19.0 | 33.0   | 81.0 | 176.0  | 296.0 | 413.0  | 561.0 |
| -2.5°  | 0.0  | 4.0    | 7.0  | 12.0   | 19.0 | 32.9   | 80.7 | 175.3  | 295.0 | 411.9  | 559.5 |
| -5°    | 0.0  | 4.0    | 7.0  | 11.9   | 18.9 | 32.7   | 79.9 | 173.4  | 292.2 | 408.8  | 555.0 |
| -7.5°  | 0.0  | 4.0    | 6.9  | 11.9   | 18.8 | 32.4   | 78.5 | 170.1  | 287.4 | 403.5  | 547.5 |
| -10°   | 0.0  | 3.9    | 6.9  | 11.8   | 18.6 | 31.9   | 76.5 | 165.6  | 280.8 | 396.1  | 537.0 |
| -12.5° | 0.0  | 3.9    | 6.9  | 11.6   | 18.3 | 31.3   | 74.0 | 159.7  | 272.3 | 386.7  | 523.6 |
| -15°   | 0.0  | 3.9    | 6.8  | 11.5   | 18.0 | 30.6   | 71.0 | 152.6  | 262.0 | 375.3  | 507.3 |
| -17.5° | 0.0  | 3.8    | 6.7  | 11.3   | 17.7 | 29.7   | 67.4 | 144.3  | 249.8 | 361.8  | 488.2 |
| -20°   | 0.0  | 3.8    | 6.6  | 11.1   | 17.3 | 28.7   | 63.3 | 134.7  | 235.9 | 346.4  | 466.2 |



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**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 0.0  | 3.7    | 6.5  | 10.9   | 16.8 | 27.6   | 58.6 | 123.9  | 220.2 | 329.0  | 441.6 |
| -25°   | 0.0  | 3.6    | 6.4  | 10.6   | 16.4 | 26.4   | 53.5 | 112.0  | 202.8 | 309.7  | 414.2 |
| -27.5° | 0.0  | 3.5    | 6.3  | 10.3   | 15.8 | 25.0   | 47.8 | 98.8   | 183.7 | 288.5  | 390.4 |
| -30°   | 0.0  | 3.5    | 6.2  | 10.0   | 15.2 | 23.5   | 41.7 | 84.6   | 165.7 | 265.0  | 364.8 |
| -32.5° | 0.0  | 3.4    | 6.1  | 9.6    | 14.6 | 21.9   | 35.1 | 75.1   | 148.1 | 239.8  | 337.2 |
| -35°   | 0.0  | 3.3    | 5.9  | 9.3    | 13.9 | 20.2   | 31.5 | 66.8   | 129.3 | 212.9  | 307.9 |
| -37.5° | 0.0  | 3.2    | 5.8  | 8.9    | 13.2 | 18.7   | 29.4 | 58.0   | 109.3 | 184.4  | 276.3 |
| -40°   | 0.0  | 3.1    | 5.6  | 8.5    | 12.4 | 17.7   | 27.0 | 48.7   | 88.2  | 158.8  | 242.7 |
| -42.5° | 0.0  | 2.9    | 5.4  | 8.0    | 11.7 | 16.7   | 24.6 | 38.9   | 73.4  | 133.8  | 207.4 |
| -45°   | 0.0  | 2.8    | 5.2  | 7.6    | 11.1 | 15.6   | 22.1 | 31.7   | 61.7  | 107.6  | 171.7 |
| -47.5° | 0.0  | 2.7    | 5.1  | 7.1    | 10.5 | 14.5   | 19.4 | 28.6   | 49.5  | 80.7   | 141.4 |
| -50°   | 0.0  | 2.6    | 4.9  | 6.8    | 9.8  | 13.4   | 17.8 | 25.4   | 36.8  | 66.4   | 110.0 |
| -52.5° | 0.0  | 2.4    | 4.6  | 6.5    | 9.1  | 12.2   | 16.4 | 22.1   | 30.3  | 51.7   | 79.2  |
| -55°   | 0.0  | 2.3    | 4.4  | 6.2    | 8.4  | 11.3   | 14.9 | 18.8   | 26.4  | 36.4   | 62.3  |
| -57.5° | 0.0  | 2.1    | 4.2  | 5.8    | 7.7  | 10.4   | 13.4 | 17.0   | 22.3  | 29.4   | 45.0  |
| -60°   | 0.0  | 2.0    | 4.0  | 5.5    | 7.0  | 9.4    | 11.9 | 15.2   | 18.6  | 24.8   | 31.3  |
| -62.5° | 0.0  | 1.8    | 3.7  | 5.1    | 6.5  | 8.5    | 10.7 | 13.3   | 16.4  | 20.0   | 26.0  |
| -65°   | 0.0  | 1.7    | 3.4  | 4.8    | 6.1  | 7.5    | 9.6  | 11.6   | 14.3  | 17.1   | 20.6  |
| -67.5° | 0.0  | 1.5    | 3.1  | 4.4    | 5.6  | 6.7    | 8.4  | 10.2   | 12.1  | 14.6   | 17.1  |
| -70°   | 0.0  | 1.4    | 2.7  | 4.1    | 5.1  | 6.1    | 7.2  | 8.8    | 10.4  | 12.1   | 14.3  |
| -72.5° | 0.0  | 1.2    | 2.4  | 3.6    | 4.6  | 5.5    | 6.4  | 7.4    | 8.8   | 10.2   | 11.6  |
| -75°   | 0.0  | 1.0    | 2.1  | 3.1    | 4.1  | 4.9    | 5.6  | 6.4    | 7.2   | 8.4    | 9.6   |
| -77.5° | 0.0  | 0.9    | 1.7  | 2.6    | 3.4  | 4.2    | 4.9  | 5.5    | 6.1   | 6.7    | 7.5   |
| -80°   | 0.0  | 0.7    | 1.4  | 2.1    | 2.8  | 3.4    | 4.1  | 4.6    | 5.1   | 5.6    | 6.1   |
| -82.5° | 0.0  | 0.5    | 1.0  | 1.6    | 2.1  | 2.6    | 3.1  | 3.6    | 4.1   | 4.4    | 4.8   |
| -85°   | 0.0  | 0.3    | 0.7  | 1.0    | 1.4  | 1.7    | 2.1  | 2.4    | 2.7   | 3.1    | 3.4   |
| -87.5° | 0.0  | 0.2    | 0.3  | 0.5    | 0.7  | 0.9    | 1.0  | 1.2    | 1.4   | 1.5    | 1.7   |
| -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-08-0320L-57-70-3S-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°  | 1.8    | 2.0   | 2.1    | 2.3    | 2.4    | 2.6    | 2.7    | 2.8    | 2.9    | 3.1    | 3.2    |
| 85°    | 3.7    | 4.0   | 4.2    | 4.4    | 4.6    | 4.9    | 5.1    | 5.2    | 5.4    | 5.6    | 5.8    |
| 82.5°  | 5.1    | 5.5   | 5.8    | 6.2    | 6.5    | 6.8    | 7.1    | 7.6    | 8.0    | 8.5    | 8.9    |
| 80°    | 6.5    | 7.0   | 7.7    | 8.4    | 9.1    | 9.8    | 10.5   | 11.1   | 11.7   | 12.4   | 13.2   |
| 77.5°  | 8.5    | 9.4   | 10.4   | 11.3   | 12.2   | 13.4   | 14.5   | 15.6   | 16.7   | 17.7   | 18.7   |
| 75°    | 10.7   | 11.9  | 13.4   | 14.9   | 16.4   | 17.8   | 19.4   | 22.1   | 24.6   | 27.0   | 29.4   |
| 72.5°  | 13.3   | 15.2  | 17.0   | 18.8   | 22.1   | 25.4   | 28.6   | 31.7   | 38.9   | 48.7   | 58.0   |
| 70°    | 16.4   | 18.6  | 22.3   | 26.4   | 30.3   | 36.8   | 49.5   | 61.7   | 73.4   | 88.2   | 109.3  |
| 67.5°  | 20.0   | 24.8  | 29.4   | 36.4   | 51.7   | 66.4   | 80.7   | 107.6  | 133.8  | 158.8  | 184.4  |
| 65°    | 26.0   | 31.3  | 45.0   | 62.3   | 79.2   | 110.0  | 141.4  | 171.7  | 207.4  | 242.7  | 276.3  |
| 62.5°  | 31.9   | 49.3  | 68.8   | 94.6   | 131.4  | 167.1  | 208.5  | 250.7  | 291.4  | 329.5  | 365.7  |
| 60°    | 49.3   | 71.0  | 103.2  | 144.3  | 186.6  | 235.9  | 283.6  | 329.0  | 372.4  | 414.2  | 464.5  |
| 57.5°  | 68.8   | 103.2 | 148.6  | 197.6  | 252.4  | 305.6  | 356.1  | 405.0  | 462.6  | 519.9  | 575.0  |
| 55°    | 94.6   | 144.3 | 197.6  | 258.0  | 316.4  | 372.5  | 430.7  | 497.5  | 562.0  | 625.3  | 685.9  |
| 52.5°  | 131.4  | 186.6 | 252.4  | 316.4  | 378.0  | 444.7  | 518.7  | 591.0  | 661.8  | 729.5  | 793.1  |
| 50°    | 167.1  | 235.9 | 305.6  | 372.5  | 444.7  | 525.7  | 605.6  | 683.9  | 758.4  | 829.5  | 907.1  |
| 47.5°  | 208.5  | 283.6 | 356.1  | 430.7  | 518.7  | 605.6  | 691.3  | 772.9  | 851.6  | 943.9  | 1034.5 |
| 45°    | 250.7  | 329.0 | 405.0  | 497.5  | 591.0  | 683.9  | 772.9  | 859.0  | 962.5  | 1063.6 | 1164.4 |
| 42.5°  | 291.4  | 372.4 | 462.6  | 562.0  | 661.8  | 758.4  | 851.6  | 962.5  | 1073.5 | 1184.5 | 1281.4 |
| 40°    | 329.5  | 414.2 | 519.9  | 625.3  | 729.5  | 829.5  | 943.9  | 1063.6 | 1184.5 | 1289.9 | 1384.4 |
| 37.5°  | 365.7  | 464.5 | 575.0  | 685.9  | 793.1  | 907.1  | 1034.5 | 1164.4 | 1281.4 | 1384.4 | 1467.9 |
| 35°    | 400.1  | 512.3 | 628.2  | 742.8  | 853.8  | 988.0  | 1124.7 | 1256.0 | 1367.1 | 1460.6 | 1690.8 |
| 32.5°  | 437.8  | 557.5 | 678.6  | 796.1  | 924.0  | 1065.9 | 1210.9 | 1332.8 | 1438.7 | 1599.0 | 2161.0 |
| 30°    | 476.4  | 600.8 | 725.6  | 846.3  | 991.3  | 1141.8 | 1282.1 | 1402.7 | 1503.2 | 2020.7 | 2559.5 |
| 27.5°  | 512.3  | 641.2 | 768.6  | 901.4  | 1054.8 | 1212.9 | 1345.8 | 1459.5 | 1790.1 | 2402.3 | 2910.5 |
| 25°    | 545.6  | 678.6 | 808.5  | 955.2  | 1115.9 | 1270.9 | 1402.4 | 1512.4 | 2138.6 | 2710.5 | 3088.6 |
| 22.5°  | 576.2  | 712.7 | 845.0  | 1004.6 | 1172.0 | 1321.5 | 1447.7 | 1773.3 | 2436.7 | 2988.5 | 3214.5 |
| 20°    | 604.2  | 742.8 | 882.6  | 1049.7 | 1222.9 | 1367.4 | 1489.0 | 2046.5 | 2679.8 | 3095.9 | 3335.0 |
| 17.5°  | 629.1  | 769.6 | 919.1  | 1091.4 | 1262.1 | 1405.2 | 1556.8 | 2291.8 | 2898.5 | 3192.8 | 3446.2 |
| 15°    | 650.9  | 793.1 | 951.1  | 1128.0 | 1295.2 | 1435.2 | 1756.0 | 2475.2 | 3027.5 | 3280.1 | 3545.5 |
| 12.5°  | 669.4  | 813.1 | 978.3  | 1159.1 | 1323.6 | 1460.8 | 1926.6 | 2628.0 | 3095.5 | 3358.6 | 3649.9 |
| 10°    | 684.7  | 829.5 | 1000.8 | 1184.8 | 1347.0 | 1481.9 | 2067.7 | 2754.6 | 3151.9 | 3423.8 | 3736.8 |
| 7.5°   | 696.6  | 842.4 | 1018.3 | 1205.0 | 1365.3 | 1498.5 | 2178.4 | 2853.9 | 3196.3 | 3475.1 | 3805.4 |
| 5°     | 705.1  | 851.6 | 1030.9 | 1219.4 | 1378.4 | 1510.4 | 2258.0 | 2925.5 | 3228.3 | 3512.1 | 3855.0 |
| 2.5°   | 710.3  | 857.1 | 1038.5 | 1228.1 | 1386.4 | 1517.6 | 2306.0 | 2968.6 | 3247.6 | 3534.5 | 3885.0 |
| 0°     | 712.0  | 859.0 | 1041.0 | 1231.0 | 1389.0 | 1520.0 | 2322.0 | 2983.0 | 3254.0 | 3542.0 | 3895.0 |
| -2.5°  | 710.3  | 857.1 | 1038.5 | 1228.1 | 1386.4 | 1517.6 | 2306.0 | 2968.6 | 3247.6 | 3534.5 | 3885.0 |
| -5°    | 705.1  | 851.6 | 1030.9 | 1219.4 | 1378.4 | 1510.4 | 2258.0 | 2925.5 | 3228.3 | 3512.1 | 3855.0 |
| -7.5°  | 696.6  | 842.4 | 1018.3 | 1205.0 | 1365.3 | 1498.5 | 2178.4 | 2853.9 | 3196.3 | 3475.1 | 3805.4 |
| -10°   | 684.7  | 829.5 | 1000.8 | 1184.8 | 1347.0 | 1481.9 | 2067.7 | 2754.6 | 3151.9 | 3423.8 | 3736.8 |
| -12.5° | 669.4  | 813.1 | 978.3  | 1159.1 | 1323.6 | 1460.8 | 1926.6 | 2628.0 | 3095.5 | 3358.6 | 3649.9 |
| -15°   | 650.9  | 793.1 | 951.1  | 1128.0 | 1295.2 | 1435.2 | 1756.0 | 2475.2 | 3027.5 | 3280.1 | 3545.5 |
| -17.5° | 629.1  | 769.6 | 919.1  | 1091.4 | 1262.1 | 1405.2 | 1556.8 | 2291.8 | 2898.5 | 3192.8 | 3446.2 |
| -20°   | 604.2  | 742.8 | 882.6  | 1049.7 | 1222.9 | 1367.4 | 1489.0 | 2046.5 | 2679.8 | 3095.9 | 3335.0 |



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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° | 576.2  | 712.7 | 845.0  | 1004.6 | 1172.0 | 1321.5 | 1447.7 | 1773.3 | 2436.7 | 2988.5 | 3214.5 |
| -25°   | 545.6  | 678.6 | 808.5  | 955.2  | 1115.9 | 1270.9 | 1402.4 | 1512.4 | 2138.6 | 2710.5 | 3088.6 |
| -27.5° | 512.3  | 641.2 | 768.6  | 901.4  | 1054.8 | 1212.9 | 1345.8 | 1459.5 | 1790.1 | 2402.3 | 2910.5 |
| -30°   | 476.4  | 600.8 | 725.6  | 846.3  | 991.3  | 1141.8 | 1282.1 | 1402.7 | 1503.2 | 2020.7 | 2559.5 |
| -32.5° | 437.8  | 557.5 | 678.6  | 796.1  | 924.0  | 1065.9 | 1210.9 | 1332.8 | 1438.7 | 1599.0 | 2161.0 |
| -35°   | 400.1  | 512.3 | 628.2  | 742.8  | 853.8  | 988.0  | 1124.7 | 1256.0 | 1367.1 | 1460.6 | 1690.8 |
| -37.5° | 365.7  | 464.5 | 575.0  | 685.9  | 793.1  | 907.1  | 1034.5 | 1164.4 | 1281.4 | 1384.4 | 1467.9 |
| -40°   | 329.5  | 414.2 | 519.9  | 625.3  | 729.5  | 829.5  | 943.9  | 1063.6 | 1184.5 | 1289.9 | 1384.4 |
| -42.5° | 291.4  | 372.4 | 462.6  | 562.0  | 661.8  | 758.4  | 851.6  | 962.5  | 1073.5 | 1184.5 | 1281.4 |
| -45°   | 250.7  | 329.0 | 405.0  | 497.5  | 591.0  | 683.9  | 772.9  | 859.0  | 962.5  | 1063.6 | 1164.4 |
| -47.5° | 208.5  | 283.6 | 356.1  | 430.7  | 518.7  | 605.6  | 691.3  | 772.9  | 851.6  | 943.9  | 1034.5 |
| -50°   | 167.1  | 235.9 | 305.6  | 372.5  | 444.7  | 525.7  | 605.6  | 683.9  | 758.4  | 829.5  | 907.1  |
| -52.5° | 131.4  | 186.6 | 252.4  | 316.4  | 378.0  | 444.7  | 518.7  | 591.0  | 661.8  | 729.5  | 793.1  |
| -55°   | 94.6   | 144.3 | 197.6  | 258.0  | 316.4  | 372.5  | 430.7  | 497.5  | 562.0  | 625.3  | 685.9  |
| -57.5° | 68.8   | 103.2 | 148.6  | 197.6  | 252.4  | 305.6  | 356.1  | 405.0  | 462.6  | 519.9  | 575.0  |
| -60°   | 49.3   | 71.0  | 103.2  | 144.3  | 186.6  | 235.9  | 283.6  | 329.0  | 372.4  | 414.2  | 464.5  |
| -62.5° | 31.9   | 49.3  | 68.8   | 94.6   | 131.4  | 167.1  | 208.5  | 250.7  | 291.4  | 329.5  | 365.7  |
| -65°   | 26.0   | 31.3  | 45.0   | 62.3   | 79.2   | 110.0  | 141.4  | 171.7  | 207.4  | 242.7  | 276.3  |
| -67.5° | 20.0   | 24.8  | 29.4   | 36.4   | 51.7   | 66.4   | 80.7   | 107.6  | 133.8  | 158.8  | 184.4  |
| -70°   | 16.4   | 18.6  | 22.3   | 26.4   | 30.3   | 36.8   | 49.5   | 61.7   | 73.4   | 88.2   | 109.3  |
| -72.5° | 13.3   | 15.2  | 17.0   | 18.8   | 22.1   | 25.4   | 28.6   | 31.7   | 38.9   | 48.7   | 58.0   |
| -75°   | 10.7   | 11.9  | 13.4   | 14.9   | 16.4   | 17.8   | 19.4   | 22.1   | 24.6   | 27.0   | 29.4   |
| -77.5° | 8.5    | 9.4   | 10.4   | 11.3   | 12.2   | 13.4   | 14.5   | 15.6   | 16.7   | 17.7   | 18.7   |
| -80°   | 6.5    | 7.0   | 7.7    | 8.4    | 9.1    | 9.8    | 10.5   | 11.1   | 11.7   | 12.4   | 13.2   |
| -82.5° | 5.1    | 5.5   | 5.8    | 6.2    | 6.5    | 6.8    | 7.1    | 7.6    | 8.0    | 8.5    | 8.9    |
| -85°   | 3.7    | 4.0   | 4.2    | 4.4    | 4.6    | 4.9    | 5.1    | 5.2    | 5.4    | 5.6    | 5.8    |
| -87.5° | 1.8    | 2.0   | 2.1    | 2.3    | 2.4    | 2.6    | 2.7    | 2.8    | 2.9    | 3.1    | 3.2    |
| -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: P701417 (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°    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0      | 0.0      |
| 87.5°  | 3.3    | 3.4    | 3.5    | 3.5     | 3.6     | 3.7     | 3.8     | 3.8     | 3.9     | 3.9      | 3.9      |
| 85°    | 5.9    | 6.1    | 6.2    | 6.3     | 6.4     | 6.5     | 6.6     | 6.7     | 6.8     | 6.9      | 6.9      |
| 82.5°  | 9.3    | 9.6    | 10.0   | 10.3    | 10.6    | 10.9    | 11.1    | 11.3    | 11.5    | 11.6     | 11.8     |
| 80°    | 13.9   | 14.6   | 15.2   | 15.8    | 16.4    | 16.8    | 17.3    | 17.7    | 18.0    | 18.3     | 18.6     |
| 77.5°  | 20.2   | 21.9   | 23.5   | 25.0    | 26.4    | 27.6    | 28.7    | 29.7    | 30.6    | 31.3     | 31.9     |
| 75°    | 31.5   | 35.1   | 41.7   | 47.8    | 53.5    | 58.6    | 63.3    | 67.4    | 71.0    | 74.0     | 76.5     |
| 72.5°  | 66.8   | 75.1   | 84.6   | 98.8    | 112.0   | 123.9   | 134.7   | 144.3   | 152.6   | 159.7    | 165.6    |
| 70°    | 129.3  | 148.1  | 165.7  | 183.7   | 202.8   | 220.2   | 235.9   | 249.8   | 262.0   | 272.3    | 280.8    |
| 67.5°  | 212.9  | 239.8  | 265.0  | 288.5   | 309.7   | 329.0   | 346.4   | 361.8   | 375.3   | 386.7    | 396.1    |
| 65°    | 307.9  | 337.2  | 364.8  | 390.4   | 414.2   | 441.6   | 466.2   | 488.2   | 507.3   | 523.6    | 537.0    |
| 62.5°  | 400.1  | 437.8  | 476.4  | 512.3   | 545.6   | 576.2   | 604.2   | 629.1   | 650.9   | 669.4    | 684.7    |
| 60°    | 512.3  | 557.5  | 600.8  | 641.2   | 678.6   | 712.7   | 742.8   | 769.6   | 793.1   | 813.1    | 829.5    |
| 57.5°  | 628.2  | 678.6  | 725.6  | 768.6   | 808.5   | 845.0   | 882.6   | 919.1   | 951.1   | 978.3    | 1000.8   |
| 55°    | 742.8  | 796.1  | 846.3  | 901.4   | 955.2   | 1004.6  | 1049.7  | 1091.4  | 1128.0  | 1159.1   | 1184.8   |
| 52.5°  | 853.8  | 924.0  | 991.3  | 1054.8  | 1115.9  | 1172.0  | 1222.9  | 1262.1  | 1295.2  | 1323.6   | 1347.0   |
| 50°    | 988.0  | 1065.9 | 1141.8 | 1212.9  | 1270.9  | 1321.5  | 1367.4  | 1405.2  | 1435.2  | 1460.8   | 1481.9   |
| 47.5°  | 1124.7 | 1210.9 | 1282.1 | 1345.8  | 1402.4  | 1447.7  | 1489.0  | 1556.8  | 1756.0  | 1926.6   | 2067.7   |
| 45°    | 1256.0 | 1332.8 | 1402.7 | 1459.5  | 1512.4  | 1773.3  | 2046.5  | 2291.8  | 2475.2  | 2628.0   | 2754.6   |
| 42.5°  | 1367.1 | 1438.7 | 1503.2 | 1790.1  | 2138.6  | 2436.7  | 2679.8  | 2898.5  | 3027.5  | 3095.5   | 3151.9   |
| 40°    | 1460.6 | 1599.0 | 2020.7 | 2402.3  | 2710.5  | 2988.5  | 3095.9  | 3192.8  | 3280.1  | 3358.6   | 3423.8   |
| 37.5°  | 1690.8 | 2161.0 | 2559.5 | 2910.5  | 3088.6  | 3214.5  | 3335.0  | 3446.2  | 3545.5  | 3649.9   | 3736.8   |
| 35°    | 2208.1 | 2638.9 | 3003.2 | 3156.6  | 3304.3  | 3447.8  | 3588.8  | 3736.0  | 3867.0  | 4008.5   | 4134.3   |
| 32.5°  | 2638.9 | 3020.0 | 3191.1 | 3360.7  | 3524.9  | 3709.6  | 3884.1  | 4091.6  | 4280.2  | 4506.6   | 4751.3   |
| 30°    | 3003.2 | 3191.1 | 3379.6 | 3568.9  | 3783.5  | 4015.1  | 4264.3  | 4592.8  | 4957.2  | 5317.7   | 5735.5   |
| 27.5°  | 3156.6 | 3360.7 | 3568.9 | 3808.4  | 4083.5  | 4375.3  | 4852.8  | 5343.5  | 5961.5  | 6503.6   | 7807.1   |
| 25°    | 3304.3 | 3524.9 | 3783.5 | 4083.5  | 4439.1  | 4985.4  | 5665.8  | 6406.7  | 8140.4  | 9833.1   | 12660.7  |
| 22.5°  | 3447.8 | 3709.6 | 4015.1 | 4375.3  | 4985.4  | 5774.8  | 6872.8  | 9158.3  | 12598.7 | 16942.2  | 21690.8  |
| 20°    | 3588.8 | 3884.1 | 4264.3 | 4852.8  | 5665.8  | 6872.8  | 9503.6  | 14299.4 | 20014.9 | 27695.8  | 34786.1  |
| 17.5°  | 3736.0 | 4091.6 | 4592.8 | 5343.5  | 6406.7  | 9158.3  | 14299.4 | 21483.1 | 30809.0 | 41447.3  | 51423.1  |
| 15°    | 3867.0 | 4280.2 | 4957.2 | 5961.5  | 8140.4  | 12598.7 | 20014.9 | 30809.0 | 43732.2 | 56920.5  | 69644.6  |
| 12.5°  | 4008.5 | 4506.6 | 5317.7 | 6503.6  | 9833.1  | 16942.2 | 27695.8 | 41447.3 | 56920.5 | 72735.0  | 86427.3  |
| 10°    | 4134.3 | 4751.3 | 5735.5 | 7807.1  | 12660.7 | 21690.8 | 34786.1 | 51423.1 | 69644.6 | 86427.3  | 102761.5 |
| 7.5°   | 4233.8 | 4945.4 | 6068.0 | 8852.6  | 15367.0 | 26532.5 | 42096.7 | 60732.2 | 80019.7 | 98619.7  | 119505.0 |
| 5°     | 4305.8 | 5086.1 | 6309.8 | 9615.4  | 17350.6 | 30101.9 | 47528.1 | 67783.8 | 87790.7 | 109473.1 | 133362.2 |
| 2.5°   | 4349.4 | 5171.4 | 6456.7 | 10080.0 | 18562.4 | 32291.7 | 50879.6 | 72170.7 | 92683.5 | 116756.4 | 143533.1 |
| 0°     | 4364.0 | 5200.0 | 6506.0 | 10236.0 | 18970.1 | 33030.1 | 52013.2 | 73661.3 | 94357.3 | 119268.5 | 147193.5 |
| -2.5°  | 4349.4 | 5171.4 | 6456.7 | 10080.0 | 18562.4 | 32291.7 | 50879.6 | 72170.7 | 92683.5 | 116756.4 | 143533.1 |
| -5°    | 4305.8 | 5086.1 | 6309.8 | 9615.4  | 17350.6 | 30101.9 | 47528.1 | 67783.8 | 87790.7 | 109473.1 | 133362.2 |
| -7.5°  | 4233.8 | 4945.4 | 6068.0 | 8852.6  | 15367.0 | 26532.5 | 42096.7 | 60732.2 | 80019.7 | 98619.7  | 119505.0 |
| -10°   | 4134.3 | 4751.3 | 5735.5 | 7807.1  | 12660.7 | 21690.8 | 34786.1 | 51423.1 | 69644.6 | 86427.3  | 102761.5 |
| -12.5° | 4008.5 | 4506.6 | 5317.7 | 6503.6  | 9833.1  | 16942.2 | 27695.8 | 41447.3 | 56920.5 | 72735.0  | 86427.3  |
| -15°   | 3867.0 | 4280.2 | 4957.2 | 5961.5  | 8140.4  | 12598.7 | 20014.9 | 30809.0 | 43732.2 | 56920.5  | 69644.6  |
| -17.5° | 3736.0 | 4091.6 | 4592.8 | 5343.5  | 6406.7  | 9158.3  | 14299.4 | 21483.1 | 30809.0 | 41447.3  | 51423.1  |
| -20°   | 3588.8 | 3884.1 | 4264.3 | 4852.8  | 5665.8  | 6872.8  | 9503.6  | 14299.4 | 20014.9 | 27695.8  | 34786.1  |



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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° | 3447.8 | 3709.6 | 4015.1 | 4375.3 | 4985.4 | 5774.8 | 6872.8 | 9158.3 | 12598.7 | 16942.2 | 21690.8 |
| -25°   | 3304.3 | 3524.9 | 3783.5 | 4083.5 | 4439.1 | 4985.4 | 5665.8 | 6406.7 | 8140.4  | 9833.1  | 12660.7 |
| -27.5° | 3156.6 | 3360.7 | 3568.9 | 3808.4 | 4083.5 | 4375.3 | 4852.8 | 5343.5 | 5961.5  | 6503.6  | 7807.1  |
| -30°   | 3003.2 | 3191.1 | 3379.6 | 3568.9 | 3783.5 | 4015.1 | 4264.3 | 4592.8 | 4957.2  | 5317.7  | 5735.5  |
| -32.5° | 2638.9 | 3020.0 | 3191.1 | 3360.7 | 3524.9 | 3709.6 | 3884.1 | 4091.6 | 4280.2  | 4506.6  | 4751.3  |
| -35°   | 2208.1 | 2638.9 | 3003.2 | 3156.6 | 3304.3 | 3447.8 | 3588.8 | 3736.0 | 3867.0  | 4008.5  | 4134.3  |
| -37.5° | 1690.8 | 2161.0 | 2559.5 | 2910.5 | 3088.6 | 3214.5 | 3335.0 | 3446.2 | 3545.5  | 3649.9  | 3736.8  |
| -40°   | 1460.6 | 1599.0 | 2020.7 | 2402.3 | 2710.5 | 2988.5 | 3095.9 | 3192.8 | 3280.1  | 3358.6  | 3423.8  |
| -42.5° | 1367.1 | 1438.7 | 1503.2 | 1790.1 | 2138.6 | 2436.7 | 2679.8 | 2898.5 | 3027.5  | 3095.5  | 3151.9  |
| -45°   | 1256.0 | 1332.8 | 1402.7 | 1459.5 | 1512.4 | 1773.3 | 2046.5 | 2291.8 | 2475.2  | 2628.0  | 2754.6  |
| -47.5° | 1124.7 | 1210.9 | 1282.1 | 1345.8 | 1402.4 | 1447.7 | 1489.0 | 1556.8 | 1756.0  | 1926.6  | 2067.7  |
| -50°   | 988.0  | 1065.9 | 1141.8 | 1212.9 | 1270.9 | 1321.5 | 1367.4 | 1405.2 | 1435.2  | 1460.8  | 1481.9  |
| -52.5° | 853.8  | 924.0  | 991.3  | 1054.8 | 1115.9 | 1172.0 | 1222.9 | 1262.1 | 1295.2  | 1323.6  | 1347.0  |
| -55°   | 742.8  | 796.1  | 846.3  | 901.4  | 955.2  | 1004.6 | 1049.7 | 1091.4 | 1128.0  | 1159.1  | 1184.8  |
| -57.5° | 628.2  | 678.6  | 725.6  | 768.6  | 808.5  | 845.0  | 882.6  | 919.1  | 951.1   | 978.3   | 1000.8  |
| -60°   | 512.3  | 557.5  | 600.8  | 641.2  | 678.6  | 712.7  | 742.8  | 769.6  | 793.1   | 813.1   | 829.5   |
| -62.5° | 400.1  | 437.8  | 476.4  | 512.3  | 545.6  | 576.2  | 604.2  | 629.1  | 650.9   | 669.4   | 684.7   |
| -65°   | 307.9  | 337.2  | 364.8  | 390.4  | 414.2  | 441.6  | 466.2  | 488.2  | 507.3   | 523.6   | 537.0   |
| -67.5° | 212.9  | 239.8  | 265.0  | 288.5  | 309.7  | 329.0  | 346.4  | 361.8  | 375.3   | 386.7   | 396.1   |
| -70°   | 129.3  | 148.1  | 165.7  | 183.7  | 202.8  | 220.2  | 235.9  | 249.8  | 262.0   | 272.3   | 280.8   |
| -72.5° | 66.8   | 75.1   | 84.6   | 98.8   | 112.0  | 123.9  | 134.7  | 144.3  | 152.6   | 159.7   | 165.6   |
| -75°   | 31.5   | 35.1   | 41.7   | 47.8   | 53.5   | 58.6   | 63.3   | 67.4   | 71.0    | 74.0    | 76.5    |
| -77.5° | 20.2   | 21.9   | 23.5   | 25.0   | 26.4   | 27.6   | 28.7   | 29.7   | 30.6    | 31.3    | 31.9    |
| -80°   | 13.9   | 14.6   | 15.2   | 15.8   | 16.4   | 16.8   | 17.3   | 17.7   | 18.0    | 18.3    | 18.6    |
| -82.5° | 9.3    | 9.6    | 10.0   | 10.3   | 10.6   | 10.9   | 11.1   | 11.3   | 11.5    | 11.6    | 11.8    |
| -85°   | 5.9    | 6.1    | 6.2    | 6.3    | 6.4    | 6.5    | 6.6    | 6.7    | 6.8     | 6.9     | 6.9     |
| -87.5° | 3.3    | 3.4    | 3.5    | 3.5    | 3.6    | 3.7    | 3.8    | 3.8    | 3.9     | 3.9     | 3.9     |
| -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°  | 4.0      | 4.0      | 4.0      | 4.0      | 4.0      | 4.0      | 4.0      | 3.9      | 3.9      | 3.9     | 3.8     |
| 85°    | 6.9      | 7.0      | 7.0      | 7.0      | 7.0      | 7.0      | 6.9      | 6.9      | 6.9      | 6.8     | 6.7     |
| 82.5°  | 11.9     | 11.9     | 12.0     | 12.0     | 12.0     | 11.9     | 11.9     | 11.8     | 11.6     | 11.5    | 11.3    |
| 80°    | 18.8     | 18.9     | 19.0     | 19.0     | 19.0     | 18.9     | 18.8     | 18.6     | 18.3     | 18.0    | 17.7    |
| 77.5°  | 32.4     | 32.7     | 32.9     | 33.0     | 32.9     | 32.7     | 32.4     | 31.9     | 31.3     | 30.6    | 29.7    |
| 75°    | 78.5     | 79.9     | 80.7     | 81.0     | 80.7     | 79.9     | 78.5     | 76.5     | 74.0     | 71.0    | 67.4    |
| 72.5°  | 170.1    | 173.4    | 175.3    | 176.0    | 175.3    | 173.4    | 170.1    | 165.6    | 159.7    | 152.6   | 144.3   |
| 70°    | 287.4    | 292.2    | 295.0    | 296.0    | 295.0    | 292.2    | 287.4    | 280.8    | 272.3    | 262.0   | 249.8   |
| 67.5°  | 403.5    | 408.8    | 411.9    | 413.0    | 411.9    | 408.8    | 403.5    | 396.1    | 386.7    | 375.3   | 361.8   |
| 65°    | 547.5    | 555.0    | 559.5    | 561.0    | 559.5    | 555.0    | 547.5    | 537.0    | 523.6    | 507.3   | 488.2   |
| 62.5°  | 696.6    | 705.1    | 710.3    | 712.0    | 710.3    | 705.1    | 696.6    | 684.7    | 669.4    | 650.9   | 629.1   |
| 60°    | 842.4    | 851.6    | 857.1    | 859.0    | 857.1    | 851.6    | 842.4    | 829.5    | 813.1    | 793.1   | 769.6   |
| 57.5°  | 1018.3   | 1030.9   | 1038.5   | 1041.0   | 1038.5   | 1030.9   | 1018.3   | 1000.8   | 978.3    | 951.1   | 919.1   |
| 55°    | 1205.0   | 1219.4   | 1228.1   | 1231.0   | 1228.1   | 1219.4   | 1205.0   | 1184.8   | 1159.1   | 1128.0  | 1091.4  |
| 52.5°  | 1365.3   | 1378.4   | 1386.4   | 1389.0   | 1386.4   | 1378.4   | 1365.3   | 1347.0   | 1323.6   | 1295.2  | 1262.1  |
| 50°    | 1498.5   | 1510.4   | 1517.6   | 1520.0   | 1517.6   | 1510.4   | 1498.5   | 1481.9   | 1460.8   | 1435.2  | 1405.2  |
| 47.5°  | 2178.4   | 2258.0   | 2306.0   | 2322.0   | 2306.0   | 2258.0   | 2178.4   | 2067.7   | 1926.6   | 1756.0  | 1556.8  |
| 45°    | 2853.9   | 2925.5   | 2968.6   | 2983.0   | 2968.6   | 2925.5   | 2853.9   | 2754.6   | 2628.0   | 2475.2  | 2291.8  |
| 42.5°  | 3196.3   | 3228.3   | 3247.6   | 3254.0   | 3247.6   | 3228.3   | 3196.3   | 3151.9   | 3095.5   | 3027.5  | 2898.5  |
| 40°    | 3475.1   | 3512.1   | 3534.5   | 3542.0   | 3534.5   | 3512.1   | 3475.1   | 3423.8   | 3358.6   | 3280.1  | 3192.8  |
| 37.5°  | 3805.4   | 3855.0   | 3885.0   | 3895.0   | 3885.0   | 3855.0   | 3805.4   | 3736.8   | 3649.9   | 3545.5  | 3446.2  |
| 35°    | 4233.8   | 4305.8   | 4349.4   | 4364.0   | 4349.4   | 4305.8   | 4233.8   | 4134.3   | 4008.5   | 3867.0  | 3736.0  |
| 32.5°  | 4945.4   | 5086.1   | 5171.4   | 5200.0   | 5171.4   | 5086.1   | 4945.4   | 4751.3   | 4506.6   | 4280.2  | 4091.6  |
| 30°    | 6068.0   | 6309.8   | 6456.7   | 6506.0   | 6456.7   | 6309.8   | 6068.0   | 5735.5   | 5317.7   | 4957.2  | 4592.8  |
| 27.5°  | 8852.6   | 9615.4   | 10080.0  | 10236.0  | 10080.0  | 9615.4   | 8852.6   | 7807.1   | 6503.6   | 5961.5  | 5343.5  |
| 25°    | 15367.0  | 17350.6  | 18562.4  | 18970.1  | 18562.4  | 17350.6  | 15367.0  | 12660.7  | 9833.1   | 8140.4  | 6406.7  |
| 22.5°  | 26532.5  | 30101.9  | 32291.7  | 33030.1  | 32291.7  | 30101.9  | 26532.5  | 21690.8  | 16942.2  | 12598.7 | 9158.3  |
| 20°    | 42096.7  | 47528.1  | 50879.6  | 52013.2  | 50879.6  | 47528.1  | 42096.7  | 34786.1  | 27695.8  | 20014.9 | 14299.4 |
| 17.5°  | 60732.2  | 67783.8  | 72170.7  | 73661.3  | 72170.7  | 67783.8  | 60732.2  | 51423.1  | 41447.3  | 30809.0 | 21483.1 |
| 15°    | 80019.7  | 87790.7  | 92683.5  | 94357.3  | 92683.5  | 87790.7  | 80019.7  | 69644.6  | 56920.5  | 43732.2 | 30809.0 |
| 12.5°  | 98619.7  | 109473.1 | 116756.4 | 119268.5 | 116756.4 | 109473.1 | 98619.7  | 86427.3  | 72735.0  | 56920.5 | 41447.3 |
| 10°    | 119505.0 | 133362.2 | 143533.1 | 147193.5 | 143533.1 | 133362.2 | 119505.0 | 102761.5 | 86427.3  | 69644.6 | 51423.1 |
| 7.5°   | 140088.3 | 158795.3 | 169143.0 | 172215.1 | 169143.0 | 158795.3 | 140088.3 | 119505.0 | 98619.7  | 80019.7 | 60732.2 |
| 5°     | 158795.3 | 175515.6 | 185086.6 | 188397.7 | 185086.6 | 175515.6 | 158795.3 | 133362.2 | 109473.1 | 87790.7 | 67783.8 |
| 2.5°   | 169143.0 | 185086.6 | 198371.8 | 207386.8 | 198371.8 | 185086.6 | 169143.0 | 143533.1 | 116756.4 | 92683.5 | 72170.7 |
| 0°     | 172215.1 | 188397.7 | 207386.8 | 220036.8 | 207386.8 | 188397.7 | 172215.1 | 147193.5 | 119268.5 | 94357.3 | 73661.3 |
| -2.5°  | 169143.0 | 185086.6 | 198371.8 | 207386.8 | 198371.8 | 185086.6 | 169143.0 | 143533.1 | 116756.4 | 92683.5 | 72170.7 |
| -5°    | 158795.3 | 175515.6 | 185086.6 | 188397.7 | 185086.6 | 175515.6 | 158795.3 | 133362.2 | 109473.1 | 87790.7 | 67783.8 |
| -7.5°  | 140088.3 | 158795.3 | 169143.0 | 172215.1 | 169143.0 | 158795.3 | 140088.3 | 119505.0 | 98619.7  | 80019.7 | 60732.2 |
| -10°   | 119505.0 | 133362.2 | 143533.1 | 147193.5 | 143533.1 | 133362.2 | 119505.0 | 102761.5 | 86427.3  | 69644.6 | 51423.1 |
| -12.5° | 98619.7  | 109473.1 | 116756.4 | 119268.5 | 116756.4 | 109473.1 | 98619.7  | 86427.3  | 72735.0  | 56920.5 | 41447.3 |
| -15°   | 80019.7  | 87790.7  | 92683.5  | 94357.3  | 92683.5  | 87790.7  | 80019.7  | 69644.6  | 56920.5  | 43732.2 | 30809.0 |
| -17.5° | 60732.2  | 67783.8  | 72170.7  | 73661.3  | 72170.7  | 67783.8  | 60732.2  | 51423.1  | 41447.3  | 30809.0 | 21483.1 |
| -20°   | 42096.7  | 47528.1  | 50879.6  | 52013.2  | 50879.6  | 47528.1  | 42096.7  | 34786.1  | 27695.8  | 20014.9 | 14299.4 |



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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° | 26532.5 | 30101.9 | 32291.7 | 33030.1 | 32291.7 | 30101.9 | 26532.5 | 21690.8 | 16942.2 | 12598.7 | 9158.3 |
| -25°   | 15367.0 | 17350.6 | 18562.4 | 18970.1 | 18562.4 | 17350.6 | 15367.0 | 12660.7 | 9833.1  | 8140.4  | 6406.7 |
| -27.5° | 8852.6  | 9615.4  | 10080.0 | 10236.0 | 10080.0 | 9615.4  | 8852.6  | 7807.1  | 6503.6  | 5961.5  | 5343.5 |
| -30°   | 6068.0  | 6309.8  | 6456.7  | 6506.0  | 6456.7  | 6309.8  | 6068.0  | 5735.5  | 5317.7  | 4957.2  | 4592.8 |
| -32.5° | 4945.4  | 5086.1  | 5171.4  | 5200.0  | 5171.4  | 5086.1  | 4945.4  | 4751.3  | 4506.6  | 4280.2  | 4091.6 |
| -35°   | 4233.8  | 4305.8  | 4349.4  | 4364.0  | 4349.4  | 4305.8  | 4233.8  | 4134.3  | 4008.5  | 3867.0  | 3736.0 |
| -37.5° | 3805.4  | 3855.0  | 3885.0  | 3895.0  | 3885.0  | 3855.0  | 3805.4  | 3736.8  | 3649.9  | 3545.5  | 3446.2 |
| -40°   | 3475.1  | 3512.1  | 3534.5  | 3542.0  | 3534.5  | 3512.1  | 3475.1  | 3423.8  | 3358.6  | 3280.1  | 3192.8 |
| -42.5° | 3196.3  | 3228.3  | 3247.6  | 3254.0  | 3247.6  | 3228.3  | 3196.3  | 3151.9  | 3095.5  | 3027.5  | 2898.5 |
| -45°   | 2853.9  | 2925.5  | 2968.6  | 2983.0  | 2968.6  | 2925.5  | 2853.9  | 2754.6  | 2628.0  | 2475.2  | 2291.8 |
| -47.5° | 2178.4  | 2258.0  | 2306.0  | 2322.0  | 2306.0  | 2258.0  | 2178.4  | 2067.7  | 1926.6  | 1756.0  | 1556.8 |
| -50°   | 1498.5  | 1510.4  | 1517.6  | 1520.0  | 1517.6  | 1510.4  | 1498.5  | 1481.9  | 1460.8  | 1435.2  | 1405.2 |
| -52.5° | 1365.3  | 1378.4  | 1386.4  | 1389.0  | 1386.4  | 1378.4  | 1365.3  | 1347.0  | 1323.6  | 1295.2  | 1262.1 |
| -55°   | 1205.0  | 1219.4  | 1228.1  | 1231.0  | 1228.1  | 1219.4  | 1205.0  | 1184.8  | 1159.1  | 1128.0  | 1091.4 |
| -57.5° | 1018.3  | 1030.9  | 1038.5  | 1041.0  | 1038.5  | 1030.9  | 1018.3  | 1000.8  | 978.3   | 951.1   | 919.1  |
| -60°   | 842.4   | 851.6   | 857.1   | 859.0   | 857.1   | 851.6   | 842.4   | 829.5   | 813.1   | 793.1   | 769.6  |
| -62.5° | 696.6   | 705.1   | 710.3   | 712.0   | 710.3   | 705.1   | 696.6   | 684.7   | 669.4   | 650.9   | 629.1  |
| -65°   | 547.5   | 555.0   | 559.5   | 561.0   | 559.5   | 555.0   | 547.5   | 537.0   | 523.6   | 507.3   | 488.2  |
| -67.5° | 403.5   | 408.8   | 411.9   | 413.0   | 411.9   | 408.8   | 403.5   | 396.1   | 386.7   | 375.3   | 361.8  |
| -70°   | 287.4   | 292.2   | 295.0   | 296.0   | 295.0   | 292.2   | 287.4   | 280.8   | 272.3   | 262.0   | 249.8  |
| -72.5° | 170.1   | 173.4   | 175.3   | 176.0   | 175.3   | 173.4   | 170.1   | 165.6   | 159.7   | 152.6   | 144.3  |
| -75°   | 78.5    | 79.9    | 80.7    | 81.0    | 80.7    | 79.9    | 78.5    | 76.5    | 74.0    | 71.0    | 67.4   |
| -77.5° | 32.4    | 32.7    | 32.9    | 33.0    | 32.9    | 32.7    | 32.4    | 31.9    | 31.3    | 30.6    | 29.7   |
| -80°   | 18.8    | 18.9    | 19.0    | 19.0    | 19.0    | 18.9    | 18.8    | 18.6    | 18.3    | 18.0    | 17.7   |
| -82.5° | 11.9    | 11.9    | 12.0    | 12.0    | 12.0    | 11.9    | 11.9    | 11.8    | 11.6    | 11.5    | 11.3   |
| -85°   | 6.9     | 7.0     | 7.0     | 7.0     | 7.0     | 7.0     | 6.9     | 6.9     | 6.9     | 6.8     | 6.7    |
| -87.5° | 4.0     | 4.0     | 4.0     | 4.0     | 4.0     | 4.0     | 4.0     | 3.9     | 3.9     | 3.9     | 3.8    |
| -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°  | 3.8     | 3.7     | 3.6     | 3.5     | 3.5    | 3.4    | 3.3    | 3.2    | 3.1    | 2.9    | 2.8    |
| 85°    | 6.6     | 6.5     | 6.4     | 6.3     | 6.2    | 6.1    | 5.9    | 5.8    | 5.6    | 5.4    | 5.2    |
| 82.5°  | 11.1    | 10.9    | 10.6    | 10.3    | 10.0   | 9.6    | 9.3    | 8.9    | 8.5    | 8.0    | 7.6    |
| 80°    | 17.3    | 16.8    | 16.4    | 15.8    | 15.2   | 14.6   | 13.9   | 13.2   | 12.4   | 11.7   | 11.1   |
| 77.5°  | 28.7    | 27.6    | 26.4    | 25.0    | 23.5   | 21.9   | 20.2   | 18.7   | 17.7   | 16.7   | 15.6   |
| 75°    | 63.3    | 58.6    | 53.5    | 47.8    | 41.7   | 35.1   | 31.5   | 29.4   | 27.0   | 24.6   | 22.1   |
| 72.5°  | 134.7   | 123.9   | 112.0   | 98.8    | 84.6   | 75.1   | 66.8   | 58.0   | 48.7   | 38.9   | 31.7   |
| 70°    | 235.9   | 220.2   | 202.8   | 183.7   | 165.7  | 148.1  | 129.3  | 109.3  | 88.2   | 73.4   | 61.7   |
| 67.5°  | 346.4   | 329.0   | 309.7   | 288.5   | 265.0  | 239.8  | 212.9  | 184.4  | 158.8  | 133.8  | 107.6  |
| 65°    | 466.2   | 441.6   | 414.2   | 390.4   | 364.8  | 337.2  | 307.9  | 276.3  | 242.7  | 207.4  | 171.7  |
| 62.5°  | 604.2   | 576.2   | 545.6   | 512.3   | 476.4  | 437.8  | 400.1  | 365.7  | 329.5  | 291.4  | 250.7  |
| 60°    | 742.8   | 712.7   | 678.6   | 641.2   | 600.8  | 557.5  | 512.3  | 464.5  | 414.2  | 372.4  | 329.0  |
| 57.5°  | 882.6   | 845.0   | 808.5   | 768.6   | 725.6  | 678.6  | 628.2  | 575.0  | 519.9  | 462.6  | 405.0  |
| 55°    | 1049.7  | 1004.6  | 955.2   | 901.4   | 846.3  | 796.1  | 742.8  | 685.9  | 625.3  | 562.0  | 497.5  |
| 52.5°  | 1222.9  | 1172.0  | 1115.9  | 1054.8  | 991.3  | 924.0  | 853.8  | 793.1  | 729.5  | 661.8  | 591.0  |
| 50°    | 1367.4  | 1321.5  | 1270.9  | 1212.9  | 1141.8 | 1065.9 | 988.0  | 907.1  | 829.5  | 758.4  | 683.9  |
| 47.5°  | 1489.0  | 1447.7  | 1402.4  | 1345.8  | 1282.1 | 1210.9 | 1124.7 | 1034.5 | 943.9  | 851.6  | 772.9  |
| 45°    | 2046.5  | 1773.3  | 1512.4  | 1459.5  | 1402.7 | 1332.8 | 1256.0 | 1164.4 | 1063.6 | 962.5  | 859.0  |
| 42.5°  | 2679.8  | 2436.7  | 2138.6  | 1790.1  | 1503.2 | 1438.7 | 1367.1 | 1281.4 | 1184.5 | 1073.5 | 962.5  |
| 40°    | 3095.9  | 2988.5  | 2710.5  | 2402.3  | 2020.7 | 1599.0 | 1460.6 | 1384.4 | 1289.9 | 1184.5 | 1063.6 |
| 37.5°  | 3335.0  | 3214.5  | 3088.6  | 2910.5  | 2559.5 | 2161.0 | 1690.8 | 1467.9 | 1384.4 | 1281.4 | 1164.4 |
| 35°    | 3588.8  | 3447.8  | 3304.3  | 3156.6  | 3003.2 | 2638.9 | 2208.1 | 1690.8 | 1460.6 | 1367.1 | 1256.0 |
| 32.5°  | 3884.1  | 3709.6  | 3524.9  | 3360.7  | 3191.1 | 3020.0 | 2638.9 | 2161.0 | 1599.0 | 1438.7 | 1332.8 |
| 30°    | 4264.3  | 4015.1  | 3783.5  | 3568.9  | 3379.6 | 3191.1 | 3003.2 | 2559.5 | 2020.7 | 1503.2 | 1402.7 |
| 27.5°  | 4852.8  | 4375.3  | 4083.5  | 3808.4  | 3568.9 | 3360.7 | 3156.6 | 2910.5 | 2402.3 | 1790.1 | 1459.5 |
| 25°    | 5665.8  | 4985.4  | 4439.1  | 4083.5  | 3783.5 | 3524.9 | 3304.3 | 3088.6 | 2710.5 | 2138.6 | 1512.4 |
| 22.5°  | 6872.8  | 5774.8  | 4985.4  | 4375.3  | 4015.1 | 3709.6 | 3447.8 | 3214.5 | 2988.5 | 2436.7 | 1773.3 |
| 20°    | 9503.6  | 6872.8  | 5665.8  | 4852.8  | 4264.3 | 3884.1 | 3588.8 | 3335.0 | 3095.9 | 2679.8 | 2046.5 |
| 17.5°  | 14299.4 | 9158.3  | 6406.7  | 5343.5  | 4592.8 | 4091.6 | 3736.0 | 3446.2 | 3192.8 | 2898.5 | 2291.8 |
| 15°    | 20014.9 | 12598.7 | 8140.4  | 5961.5  | 4957.2 | 4280.2 | 3867.0 | 3545.5 | 3280.1 | 3027.5 | 2475.2 |
| 12.5°  | 27695.8 | 16942.2 | 9833.1  | 6503.6  | 5317.7 | 4506.6 | 4008.5 | 3649.9 | 3358.6 | 3095.5 | 2628.0 |
| 10°    | 34786.1 | 21690.8 | 12660.7 | 7807.1  | 5735.5 | 4751.3 | 4134.3 | 3736.8 | 3423.8 | 3151.9 | 2754.6 |
| 7.5°   | 42096.7 | 26532.5 | 15367.0 | 8852.6  | 6068.0 | 4945.4 | 4233.8 | 3805.4 | 3475.1 | 3196.3 | 2853.9 |
| 5°     | 47528.1 | 30101.9 | 17350.6 | 9615.4  | 6309.8 | 5086.1 | 4305.8 | 3855.0 | 3512.1 | 3228.3 | 2925.5 |
| 2.5°   | 50879.6 | 32291.7 | 18562.4 | 10080.0 | 6456.7 | 5171.4 | 4349.4 | 3885.0 | 3534.5 | 3247.6 | 2968.6 |
| 0°     | 52013.2 | 33030.1 | 18970.1 | 10236.0 | 6506.0 | 5200.0 | 4364.0 | 3895.0 | 3542.0 | 3254.0 | 2983.0 |
| -2.5°  | 50879.6 | 32291.7 | 18562.4 | 10080.0 | 6456.7 | 5171.4 | 4349.4 | 3885.0 | 3534.5 | 3247.6 | 2968.6 |
| -5°    | 47528.1 | 30101.9 | 17350.6 | 9615.4  | 6309.8 | 5086.1 | 4305.8 | 3855.0 | 3512.1 | 3228.3 | 2925.5 |
| -7.5°  | 42096.7 | 26532.5 | 15367.0 | 8852.6  | 6068.0 | 4945.4 | 4233.8 | 3805.4 | 3475.1 | 3196.3 | 2853.9 |
| -10°   | 34786.1 | 21690.8 | 12660.7 | 7807.1  | 5735.5 | 4751.3 | 4134.3 | 3736.8 | 3423.8 | 3151.9 | 2754.6 |
| -12.5° | 27695.8 | 16942.2 | 9833.1  | 6503.6  | 5317.7 | 4506.6 | 4008.5 | 3649.9 | 3358.6 | 3095.5 | 2628.0 |
| -15°   | 20014.9 | 12598.7 | 8140.4  | 5961.5  | 4957.2 | 4280.2 | 3867.0 | 3545.5 | 3280.1 | 3027.5 | 2475.2 |
| -17.5° | 14299.4 | 9158.3  | 6406.7  | 5343.5  | 4592.8 | 4091.6 | 3736.0 | 3446.2 | 3192.8 | 2898.5 | 2291.8 |
| -20°   | 9503.6  | 6872.8  | 5665.8  | 4852.8  | 4264.3 | 3884.1 | 3588.8 | 3335.0 | 3095.9 | 2679.8 | 2046.5 |



REPORT NUMBER: P701417 (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° | 6872.8 | 5774.8 | 4985.4 | 4375.3 | 4015.1 | 3709.6 | 3447.8 | 3214.5 | 2988.5 | 2436.7 | 1773.3 |
| -25°   | 5665.8 | 4985.4 | 4439.1 | 4083.5 | 3783.5 | 3524.9 | 3304.3 | 3088.6 | 2710.5 | 2138.6 | 1512.4 |
| -27.5° | 4852.8 | 4375.3 | 4083.5 | 3808.4 | 3568.9 | 3360.7 | 3156.6 | 2910.5 | 2402.3 | 1790.1 | 1459.5 |
| -30°   | 4264.3 | 4015.1 | 3783.5 | 3568.9 | 3379.6 | 3191.1 | 3003.2 | 2559.5 | 2020.7 | 1503.2 | 1402.7 |
| -32.5° | 3884.1 | 3709.6 | 3524.9 | 3360.7 | 3191.1 | 3020.0 | 2638.9 | 2161.0 | 1599.0 | 1438.7 | 1332.8 |
| -35°   | 3588.8 | 3447.8 | 3304.3 | 3156.6 | 3003.2 | 2638.9 | 2208.1 | 1690.8 | 1460.6 | 1367.1 | 1256.0 |
| -37.5° | 3335.0 | 3214.5 | 3088.6 | 2910.5 | 2559.5 | 2161.0 | 1690.8 | 1467.9 | 1384.4 | 1281.4 | 1164.4 |
| -40°   | 3095.9 | 2988.5 | 2710.5 | 2402.3 | 2020.7 | 1599.0 | 1460.6 | 1384.4 | 1289.9 | 1184.5 | 1063.6 |
| -42.5° | 2679.8 | 2436.7 | 2138.6 | 1790.1 | 1503.2 | 1438.7 | 1367.1 | 1281.4 | 1184.5 | 1073.5 | 962.5  |
| -45°   | 2046.5 | 1773.3 | 1512.4 | 1459.5 | 1402.7 | 1332.8 | 1256.0 | 1164.4 | 1063.6 | 962.5  | 859.0  |
| -47.5° | 1489.0 | 1447.7 | 1402.4 | 1345.8 | 1282.1 | 1210.9 | 1124.7 | 1034.5 | 943.9  | 851.6  | 772.9  |
| -50°   | 1367.4 | 1321.5 | 1270.9 | 1212.9 | 1141.8 | 1065.9 | 988.0  | 907.1  | 829.5  | 758.4  | 683.9  |
| -52.5° | 1222.9 | 1172.0 | 1115.9 | 1054.8 | 991.3  | 924.0  | 853.8  | 793.1  | 729.5  | 661.8  | 591.0  |
| -55°   | 1049.7 | 1004.6 | 955.2  | 901.4  | 846.3  | 796.1  | 742.8  | 685.9  | 625.3  | 562.0  | 497.5  |
| -57.5° | 882.6  | 845.0  | 808.5  | 768.6  | 725.6  | 678.6  | 628.2  | 575.0  | 519.9  | 462.6  | 405.0  |
| -60°   | 742.8  | 712.7  | 678.6  | 641.2  | 600.8  | 557.5  | 512.3  | 464.5  | 414.2  | 372.4  | 329.0  |
| -62.5° | 604.2  | 576.2  | 545.6  | 512.3  | 476.4  | 437.8  | 400.1  | 365.7  | 329.5  | 291.4  | 250.7  |
| -65°   | 466.2  | 441.6  | 414.2  | 390.4  | 364.8  | 337.2  | 307.9  | 276.3  | 242.7  | 207.4  | 171.7  |
| -67.5° | 346.4  | 329.0  | 309.7  | 288.5  | 265.0  | 239.8  | 212.9  | 184.4  | 158.8  | 133.8  | 107.6  |
| -70°   | 235.9  | 220.2  | 202.8  | 183.7  | 165.7  | 148.1  | 129.3  | 109.3  | 88.2   | 73.4   | 61.7   |
| -72.5° | 134.7  | 123.9  | 112.0  | 98.8   | 84.6   | 75.1   | 66.8   | 58.0   | 48.7   | 38.9   | 31.7   |
| -75°   | 63.3   | 58.6   | 53.5   | 47.8   | 41.7   | 35.1   | 31.5   | 29.4   | 27.0   | 24.6   | 22.1   |
| -77.5° | 28.7   | 27.6   | 26.4   | 25.0   | 23.5   | 21.9   | 20.2   | 18.7   | 17.7   | 16.7   | 15.6   |
| -80°   | 17.3   | 16.8   | 16.4   | 15.8   | 15.2   | 14.6   | 13.9   | 13.2   | 12.4   | 11.7   | 11.1   |
| -82.5° | 11.1   | 10.9   | 10.6   | 10.3   | 10.0   | 9.6    | 9.3    | 8.9    | 8.5    | 8.0    | 7.6    |
| -85°   | 6.6    | 6.5    | 6.4    | 6.3    | 6.2    | 6.1    | 5.9    | 5.8    | 5.6    | 5.4    | 5.2    |
| -87.5° | 3.8    | 3.7    | 3.6    | 3.5    | 3.5    | 3.4    | 3.3    | 3.2    | 3.1    | 2.9    | 2.8    |
| -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: P701417 (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°        |
|--------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 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°  | 2.7           | 2.6           | 2.4           | 2.3           | 2.1           | 2.0          | 1.8          | 1.7          | 1.5          | 1.4          | 1.2          |
| 85°    | 5.1           | 4.9           | 4.6           | 4.4           | 4.2           | 4.0          | 3.7          | 3.4          | 3.1          | 2.7          | 2.4          |
| 82.5°  | 7.1           | 6.8           | 6.5           | 6.2           | 5.8           | 5.5          | 5.1          | 4.8          | 4.4          | 4.1          | 3.6          |
| 80°    | 10.5          | 9.8           | 9.1           | 8.4           | 7.7           | 7.0          | 6.5          | 6.1          | 5.6          | 5.1          | 4.6          |
| 77.5°  | 14.5          | 13.4          | 12.2          | 11.3          | 10.4          | 9.4          | 8.5          | 7.5          | 6.7          | 6.1          | 5.5          |
| 75°    | 19.4          | 17.8          | 16.4          | 14.9          | 13.4          | 11.9         | 10.7         | 9.6          | 8.4          | 7.2          | 6.4          |
| 72.5°  | 28.6          | 25.4          | 22.1          | 18.8          | 17.0          | 15.2         | 13.3         | 11.6         | 10.2         | 8.8          | 7.4          |
| 70°    | 49.5          | 36.8          | 30.3          | 26.4          | 22.3          | 18.6         | 16.4         | 14.3         | 12.1         | 10.4         | 8.8          |
| 67.5°  | 80.7          | 66.4          | 51.7          | 36.4          | 29.4          | 24.8         | 20.0         | 17.1         | 14.6         | 12.1         | 10.2         |
| 65°    | 141.4         | 110.0         | 79.2          | 62.3          | 45.0          | 31.3         | 26.0         | 20.6         | 17.1         | 14.3         | 11.6         |
| 62.5°  | 208.5         | 167.1         | 131.4         | 94.6          | 68.8          | 49.3         | 31.9         | 26.0         | 20.0         | 16.4         | 13.3         |
| 60°    | 283.6         | 235.9         | 186.6         | 144.3         | 103.2         | 71.0         | 49.3         | 31.3         | 24.8         | 18.6         | 15.2         |
| 57.5°  | 356.1         | 305.6         | 252.4         | 197.6         | 148.6         | 103.2        | 68.8         | 45.0         | 29.4         | 22.3         | 17.0         |
| 55°    | 430.7         | 372.5         | 316.4         | 258.0         | 197.6         | 144.3        | 94.6         | 62.3         | 36.4         | 26.4         | 18.8         |
| 52.5°  | 518.7         | 444.7         | 378.0         | 316.4         | 252.4         | 186.6        | 131.4        | 79.2         | 51.7         | 30.3         | 22.1         |
| 50°    | 605.6         | 525.7         | 444.7         | 372.5         | 305.6         | 235.9        | 167.1        | 110.0        | 66.4         | 36.8         | 25.4         |
| 47.5°  | 691.3         | 605.6         | 518.7         | 430.7         | 356.1         | 283.6        | 208.5        | 141.4        | 80.7         | 49.5         | 28.6         |
| 45°    | 772.9         | 683.9         | 591.0         | 497.5         | 405.0         | 329.0        | 250.7        | 171.7        | 107.6        | 61.7         | 31.7         |
| 42.5°  | 851.6         | 758.4         | 661.8         | 562.0         | 462.6         | 372.4        | 291.4        | 207.4        | 133.8        | 73.4         | 38.9         |
| 40°    | 943.9         | 829.5         | 729.5         | 625.3         | 519.9         | 414.2        | 329.5        | 242.7        | 158.8        | 88.2         | 48.7         |
| 37.5°  | 1034.5        | 907.1         | 793.1         | 685.9         | 575.0         | 464.5        | 365.7        | 276.3        | 184.4        | 109.3        | 58.0         |
| 35°    | 1124.7        | 988.0         | 853.8         | 742.8         | 628.2         | 512.3        | 400.1        | 307.9        | 212.9        | 129.3        | 66.8         |
| 32.5°  | 1210.9        | 1065.9        | 924.0         | 796.1         | 678.6         | 557.5        | 437.8        | 337.2        | 239.8        | 148.1        | 75.1         |
| 30°    | 1282.1        | 1141.8        | 991.3         | 846.3         | 725.6         | 600.8        | 476.4        | 364.8        | 265.0        | 165.7        | 84.6         |
| 27.5°  | 1345.8        | 1212.9        | 1054.8        | 901.4         | 768.6         | 641.2        | 512.3        | 390.4        | 288.5        | 183.7        | 98.8         |
| 25°    | 1402.4        | 1270.9        | 1115.9        | 955.2         | 808.5         | 678.6        | 545.6        | 414.2        | 309.7        | 202.8        | 112.0        |
| 22.5°  | 1447.7        | 1321.5        | 1172.0        | 1004.6        | 845.0         | 712.7        | 576.2        | 441.6        | 329.0        | 220.2        | 123.9        |
| 20°    | 1489.0        | 1367.4        | 1222.9        | 1049.7        | 882.6         | 742.8        | 604.2        | 466.2        | 346.4        | 235.9        | 134.7        |
| 17.5°  | 1556.8        | 1405.2        | 1262.1        | 1091.4        | 919.1         | 769.6        | 629.1        | 488.2        | 361.8        | 249.8        | 144.3        |
| 15°    | 1756.0        | 1435.2        | 1295.2        | 1128.0        | 951.1         | 793.1        | 650.9        | 507.3        | 375.3        | 262.0        | 152.6        |
| 12.5°  | 1926.6        | 1460.8        | 1323.6        | 1159.1        | 978.3         | 813.1        | 669.4        | 523.6        | 386.7        | 272.3        | 159.7        |
| 10°    | 2067.7        | 1481.9        | 1347.0        | 1184.8        | 1000.8        | 829.5        | 684.7        | 537.0        | 396.1        | 280.8        | 165.6        |
| 7.5°   | 2178.4        | 1498.5        | 1365.3        | 1205.0        | 1018.3        | 842.4        | 696.6        | 547.5        | 403.5        | 287.4        | 170.1        |
| 5°     | 2258.0        | 1510.4        | 1378.4        | 1219.4        | 1030.9        | 851.6        | 705.1        | 555.0        | 408.8        | 292.2        | 173.4        |
| 2.5°   | 2306.0        | 1517.6        | 1386.4        | 1228.1        | 1038.5        | 857.1        | 710.3        | 559.5        | 411.9        | 295.0        | 175.3        |
| 0°     | <b>2322.0</b> | <b>1520.0</b> | <b>1389.0</b> | <b>1231.0</b> | <b>1041.0</b> | <b>859.0</b> | <b>712.0</b> | <b>561.0</b> | <b>413.0</b> | <b>296.0</b> | <b>176.0</b> |
| -2.5°  | 2306.0        | 1517.6        | 1386.4        | 1228.1        | 1038.5        | 857.1        | 710.3        | 559.5        | 411.9        | 295.0        | 175.3        |
| -5°    | 2258.0        | 1510.4        | 1378.4        | 1219.4        | 1030.9        | 851.6        | 705.1        | 555.0        | 408.8        | 292.2        | 173.4        |
| -7.5°  | 2178.4        | 1498.5        | 1365.3        | 1205.0        | 1018.3        | 842.4        | 696.6        | 547.5        | 403.5        | 287.4        | 170.1        |
| -10°   | 2067.7        | 1481.9        | 1347.0        | 1184.8        | 1000.8        | 829.5        | 684.7        | 537.0        | 396.1        | 280.8        | 165.6        |
| -12.5° | 1926.6        | 1460.8        | 1323.6        | 1159.1        | 978.3         | 813.1        | 669.4        | 523.6        | 386.7        | 272.3        | 159.7        |
| -15°   | 1756.0        | 1435.2        | 1295.2        | 1128.0        | 951.1         | 793.1        | 650.9        | 507.3        | 375.3        | 262.0        | 152.6        |
| -17.5° | 1556.8        | 1405.2        | 1262.1        | 1091.4        | 919.1         | 769.6        | 629.1        | 488.2        | 361.8        | 249.8        | 144.3        |
| -20°   | 1489.0        | 1367.4        | 1222.9        | 1049.7        | 882.6         | 742.8        | 604.2        | 466.2        | 346.4        | 235.9        | 134.7        |



REPORT NUMBER: P701417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320L-57-70-3S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°    | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1447.7 | 1321.5 | 1172.0 | 1004.6 | 845.0 | 712.7 | 576.2 | 441.6 | 329.0 | 220.2 | 123.9 |
| -25°   | 1402.4 | 1270.9 | 1115.9 | 955.2  | 808.5 | 678.6 | 545.6 | 414.2 | 309.7 | 202.8 | 112.0 |
| -27.5° | 1345.8 | 1212.9 | 1054.8 | 901.4  | 768.6 | 641.2 | 512.3 | 390.4 | 288.5 | 183.7 | 98.8  |
| -30°   | 1282.1 | 1141.8 | 991.3  | 846.3  | 725.6 | 600.8 | 476.4 | 364.8 | 265.0 | 165.7 | 84.6  |
| -32.5° | 1210.9 | 1065.9 | 924.0  | 796.1  | 678.6 | 557.5 | 437.8 | 337.2 | 239.8 | 148.1 | 75.1  |
| -35°   | 1124.7 | 988.0  | 853.8  | 742.8  | 628.2 | 512.3 | 400.1 | 307.9 | 212.9 | 129.3 | 66.8  |
| -37.5° | 1034.5 | 907.1  | 793.1  | 685.9  | 575.0 | 464.5 | 365.7 | 276.3 | 184.4 | 109.3 | 58.0  |
| -40°   | 943.9  | 829.5  | 729.5  | 625.3  | 519.9 | 414.2 | 329.5 | 242.7 | 158.8 | 88.2  | 48.7  |
| -42.5° | 851.6  | 758.4  | 661.8  | 562.0  | 462.6 | 372.4 | 291.4 | 207.4 | 133.8 | 73.4  | 38.9  |
| -45°   | 772.9  | 683.9  | 591.0  | 497.5  | 405.0 | 329.0 | 250.7 | 171.7 | 107.6 | 61.7  | 31.7  |
| -47.5° | 691.3  | 605.6  | 518.7  | 430.7  | 356.1 | 283.6 | 208.5 | 141.4 | 80.7  | 49.5  | 28.6  |
| -50°   | 605.6  | 525.7  | 444.7  | 372.5  | 305.6 | 235.9 | 167.1 | 110.0 | 66.4  | 36.8  | 25.4  |
| -52.5° | 518.7  | 444.7  | 378.0  | 316.4  | 252.4 | 186.6 | 131.4 | 79.2  | 51.7  | 30.3  | 22.1  |
| -55°   | 430.7  | 372.5  | 316.4  | 258.0  | 197.6 | 144.3 | 94.6  | 62.3  | 36.4  | 26.4  | 18.8  |
| -57.5° | 356.1  | 305.6  | 252.4  | 197.6  | 148.6 | 103.2 | 68.8  | 45.0  | 29.4  | 22.3  | 17.0  |
| -60°   | 283.6  | 235.9  | 186.6  | 144.3  | 103.2 | 71.0  | 49.3  | 31.3  | 24.8  | 18.6  | 15.2  |
| -62.5° | 208.5  | 167.1  | 131.4  | 94.6   | 68.8  | 49.3  | 31.9  | 26.0  | 20.0  | 16.4  | 13.3  |
| -65°   | 141.4  | 110.0  | 79.2   | 62.3   | 45.0  | 31.3  | 26.0  | 20.6  | 17.1  | 14.3  | 11.6  |
| -67.5° | 80.7   | 66.4   | 51.7   | 36.4   | 29.4  | 24.8  | 20.0  | 17.1  | 14.6  | 12.1  | 10.2  |
| -70°   | 49.5   | 36.8   | 30.3   | 26.4   | 22.3  | 18.6  | 16.4  | 14.3  | 12.1  | 10.4  | 8.8   |
| -72.5° | 28.6   | 25.4   | 22.1   | 18.8   | 17.0  | 15.2  | 13.3  | 11.6  | 10.2  | 8.8   | 7.4   |
| -75°   | 19.4   | 17.8   | 16.4   | 14.9   | 13.4  | 11.9  | 10.7  | 9.6   | 8.4   | 7.2   | 6.4   |
| -77.5° | 14.5   | 13.4   | 12.2   | 11.3   | 10.4  | 9.4   | 8.5   | 7.5   | 6.7   | 6.1   | 5.5   |
| -80°   | 10.5   | 9.8    | 9.1    | 8.4    | 7.7   | 7.0   | 6.5   | 6.1   | 5.6   | 5.1   | 4.6   |
| -82.5° | 7.1    | 6.8    | 6.5    | 6.2    | 5.8   | 5.5   | 5.1   | 4.8   | 4.4   | 4.1   | 3.6   |
| -85°   | 5.1    | 4.9    | 4.6    | 4.4    | 4.2   | 4.0   | 3.7   | 3.4   | 3.1   | 2.7   | 2.4   |
| -87.5° | 2.7    | 2.6    | 2.4    | 2.3    | 2.1   | 2.0   | 1.8   | 1.7   | 1.5   | 1.4   | 1.2   |
| -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: P701417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320L-57-70-3S-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°  | 1.0  | 0.9   | 0.7  | 0.5   | 0.3 | 0.2   | 0.0 |
| 85°    | 2.1  | 1.7   | 1.4  | 1.0   | 0.7 | 0.3   | 0.0 |
| 82.5°  | 3.1  | 2.6   | 2.1  | 1.6   | 1.0 | 0.5   | 0.0 |
| 80°    | 4.1  | 3.4   | 2.8  | 2.1   | 1.4 | 0.7   | 0.0 |
| 77.5°  | 4.9  | 4.2   | 3.4  | 2.6   | 1.7 | 0.9   | 0.0 |
| 75°    | 5.6  | 4.9   | 4.1  | 3.1   | 2.1 | 1.0   | 0.0 |
| 72.5°  | 6.4  | 5.5   | 4.6  | 3.6   | 2.4 | 1.2   | 0.0 |
| 70°    | 7.2  | 6.1   | 5.1  | 4.1   | 2.7 | 1.4   | 0.0 |
| 67.5°  | 8.4  | 6.7   | 5.6  | 4.4   | 3.1 | 1.5   | 0.0 |
| 65°    | 9.6  | 7.5   | 6.1  | 4.8   | 3.4 | 1.7   | 0.0 |
| 62.5°  | 10.7 | 8.5   | 6.5  | 5.1   | 3.7 | 1.8   | 0.0 |
| 60°    | 11.9 | 9.4   | 7.0  | 5.5   | 4.0 | 2.0   | 0.0 |
| 57.5°  | 13.4 | 10.4  | 7.7  | 5.8   | 4.2 | 2.1   | 0.0 |
| 55°    | 14.9 | 11.3  | 8.4  | 6.2   | 4.4 | 2.3   | 0.0 |
| 52.5°  | 16.4 | 12.2  | 9.1  | 6.5   | 4.6 | 2.4   | 0.0 |
| 50°    | 17.8 | 13.4  | 9.8  | 6.8   | 4.9 | 2.6   | 0.0 |
| 47.5°  | 19.4 | 14.5  | 10.5 | 7.1   | 5.1 | 2.7   | 0.0 |
| 45°    | 22.1 | 15.6  | 11.1 | 7.6   | 5.2 | 2.8   | 0.0 |
| 42.5°  | 24.6 | 16.7  | 11.7 | 8.0   | 5.4 | 2.9   | 0.0 |
| 40°    | 27.0 | 17.7  | 12.4 | 8.5   | 5.6 | 3.1   | 0.0 |
| 37.5°  | 29.4 | 18.7  | 13.2 | 8.9   | 5.8 | 3.2   | 0.0 |
| 35°    | 31.5 | 20.2  | 13.9 | 9.3   | 5.9 | 3.3   | 0.0 |
| 32.5°  | 35.1 | 21.9  | 14.6 | 9.6   | 6.1 | 3.4   | 0.0 |
| 30°    | 41.7 | 23.5  | 15.2 | 10.0  | 6.2 | 3.5   | 0.0 |
| 27.5°  | 47.8 | 25.0  | 15.8 | 10.3  | 6.3 | 3.5   | 0.0 |
| 25°    | 53.5 | 26.4  | 16.4 | 10.6  | 6.4 | 3.6   | 0.0 |
| 22.5°  | 58.6 | 27.6  | 16.8 | 10.9  | 6.5 | 3.7   | 0.0 |
| 20°    | 63.3 | 28.7  | 17.3 | 11.1  | 6.6 | 3.8   | 0.0 |
| 17.5°  | 67.4 | 29.7  | 17.7 | 11.3  | 6.7 | 3.8   | 0.0 |
| 15°    | 71.0 | 30.6  | 18.0 | 11.5  | 6.8 | 3.9   | 0.0 |
| 12.5°  | 74.0 | 31.3  | 18.3 | 11.6  | 6.9 | 3.9   | 0.0 |
| 10°    | 76.5 | 31.9  | 18.6 | 11.8  | 6.9 | 3.9   | 0.0 |
| 7.5°   | 78.5 | 32.4  | 18.8 | 11.9  | 6.9 | 4.0   | 0.0 |
| 5°     | 79.9 | 32.7  | 18.9 | 11.9  | 7.0 | 4.0   | 0.0 |
| 2.5°   | 80.7 | 32.9  | 19.0 | 12.0  | 7.0 | 4.0   | 0.0 |
| 0°     | 81.0 | 33.0  | 19.0 | 12.0  | 7.0 | 4.0   | 0.0 |
| -2.5°  | 80.7 | 32.9  | 19.0 | 12.0  | 7.0 | 4.0   | 0.0 |
| -5°    | 79.9 | 32.7  | 18.9 | 11.9  | 7.0 | 4.0   | 0.0 |
| -7.5°  | 78.5 | 32.4  | 18.8 | 11.9  | 6.9 | 4.0   | 0.0 |
| -10°   | 76.5 | 31.9  | 18.6 | 11.8  | 6.9 | 3.9   | 0.0 |
| -12.5° | 74.0 | 31.3  | 18.3 | 11.6  | 6.9 | 3.9   | 0.0 |
| -15°   | 71.0 | 30.6  | 18.0 | 11.5  | 6.8 | 3.9   | 0.0 |
| -17.5° | 67.4 | 29.7  | 17.7 | 11.3  | 6.7 | 3.8   | 0.0 |
| -20°   | 63.3 | 28.7  | 17.3 | 11.1  | 6.6 | 3.8   | 0.0 |



REPORT NUMBER: P701417 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320L-57-70-3S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 58.6 | 27.6  | 16.8 | 10.9  | 6.5 | 3.7   | 0.0 |
| -25°   | 53.5 | 26.4  | 16.4 | 10.6  | 6.4 | 3.6   | 0.0 |
| -27.5° | 47.8 | 25.0  | 15.8 | 10.3  | 6.3 | 3.5   | 0.0 |
| -30°   | 41.7 | 23.5  | 15.2 | 10.0  | 6.2 | 3.5   | 0.0 |
| -32.5° | 35.1 | 21.9  | 14.6 | 9.6   | 6.1 | 3.4   | 0.0 |
| -35°   | 31.5 | 20.2  | 13.9 | 9.3   | 5.9 | 3.3   | 0.0 |
| -37.5° | 29.4 | 18.7  | 13.2 | 8.9   | 5.8 | 3.2   | 0.0 |
| -40°   | 27.0 | 17.7  | 12.4 | 8.5   | 5.6 | 3.1   | 0.0 |
| -42.5° | 24.6 | 16.7  | 11.7 | 8.0   | 5.4 | 2.9   | 0.0 |
| -45°   | 22.1 | 15.6  | 11.1 | 7.6   | 5.2 | 2.8   | 0.0 |
| -47.5° | 19.4 | 14.5  | 10.5 | 7.1   | 5.1 | 2.7   | 0.0 |
| -50°   | 17.8 | 13.4  | 9.8  | 6.8   | 4.9 | 2.6   | 0.0 |
| -52.5° | 16.4 | 12.2  | 9.1  | 6.5   | 4.6 | 2.4   | 0.0 |
| -55°   | 14.9 | 11.3  | 8.4  | 6.2   | 4.4 | 2.3   | 0.0 |
| -57.5° | 13.4 | 10.4  | 7.7  | 5.8   | 4.2 | 2.1   | 0.0 |
| -60°   | 11.9 | 9.4   | 7.0  | 5.5   | 4.0 | 2.0   | 0.0 |
| -62.5° | 10.7 | 8.5   | 6.5  | 5.1   | 3.7 | 1.8   | 0.0 |
| -65°   | 9.6  | 7.5   | 6.1  | 4.8   | 3.4 | 1.7   | 0.0 |
| -67.5° | 8.4  | 6.7   | 5.6  | 4.4   | 3.1 | 1.5   | 0.0 |
| -70°   | 7.2  | 6.1   | 5.1  | 4.1   | 2.7 | 1.4   | 0.0 |
| -72.5° | 6.4  | 5.5   | 4.6  | 3.6   | 2.4 | 1.2   | 0.0 |
| -75°   | 5.6  | 4.9   | 4.1  | 3.1   | 2.1 | 1.0   | 0.0 |
| -77.5° | 4.9  | 4.2   | 3.4  | 2.6   | 1.7 | 0.9   | 0.0 |
| -80°   | 4.1  | 3.4   | 2.8  | 2.1   | 1.4 | 0.7   | 0.0 |
| -82.5° | 3.1  | 2.6   | 2.1  | 1.6   | 1.0 | 0.5   | 0.0 |
| -85°   | 2.1  | 1.7   | 1.4  | 1.0   | 0.7 | 0.3   | 0.0 |
| -87.5° | 1.0  | 0.9   | 0.7  | 0.5   | 0.3 | 0.2   | 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

