

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: P1305416 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-70-4S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

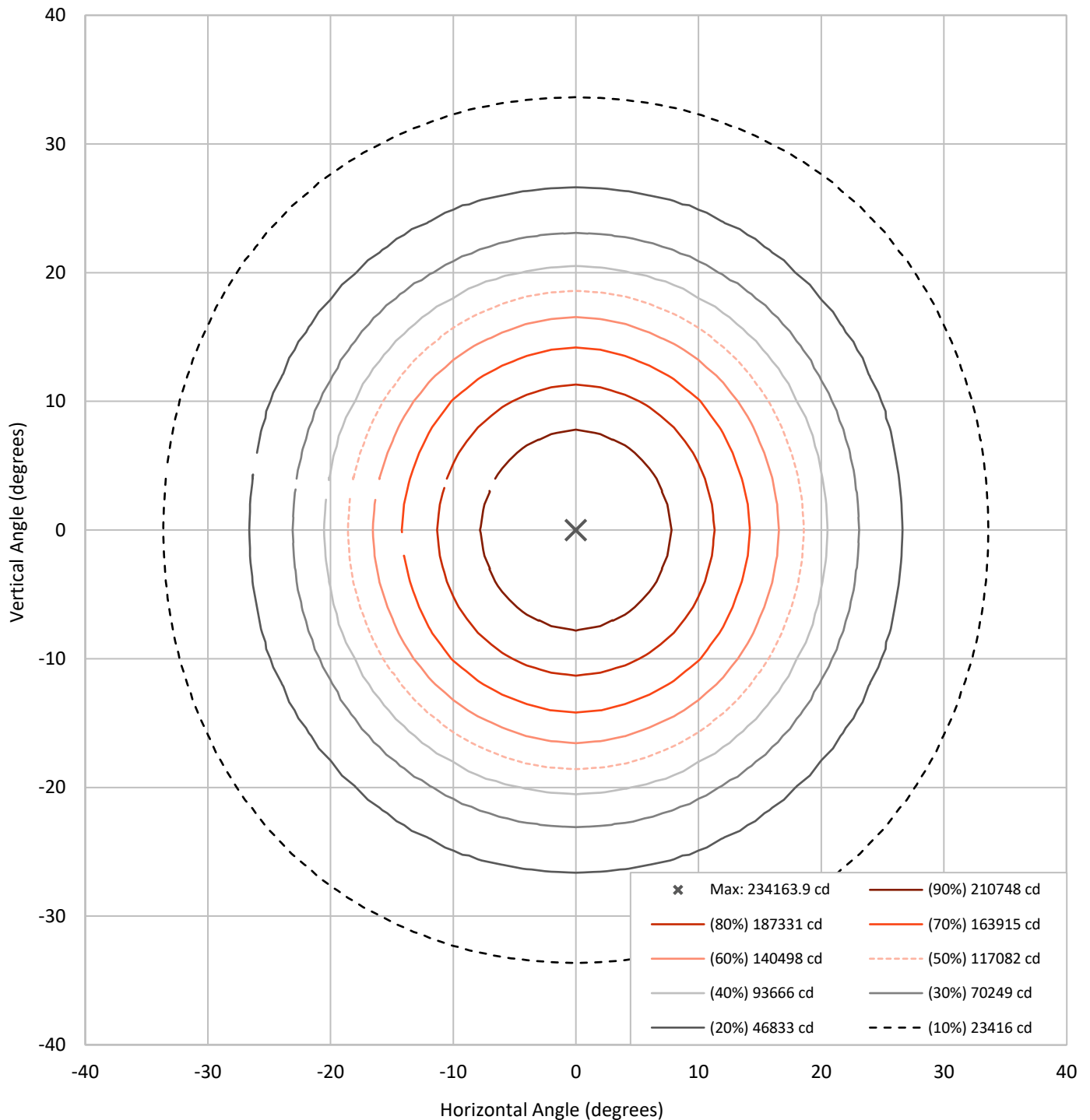
Test Method: LM-79-08  
Report Number: P1305416 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680R-40-70-4S-HEG-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                                      |                      |                  |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 4H x 4V          |
| Luminaire Lumens:                 | 108139.1 lumens                      | Max Intensity:       | 234163.9 candela |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:                         | 157.2 lumens/watt                    |                      |                  |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%):                 | 37.2°H x 37.2°V                      | Field Angle (10%):   | 67.2°H x 67.2°V  |
| Beam Lumens:                      | 56296.2 lumens                       | Field Lumens:        | 94568.2 lumens   |
| Beam Efficiency:                  | 52.1%                                | Field Efficiency:    | 87.5%            |
| Input Watts (W):                  | 688                                  |                      |                  |
| Input Voltage (V):                | NR                                   |                      |                  |
| Input Current (Ain):              | NR                                   |                      |                  |
| Voltage Rise (V):                 | NR                                   |                      |                  |
| Power Factor:                     | NR                                   |                      |                  |
| Total Harmonic Distortion (THDi): | NR                                   |                      |                  |
| Frequency (hertz):                | 60                                   |                      |                  |
| Stabilization Time:               | NR                                   |                      |                  |
| Operation Time:                   | NR                                   |                      |                  |
| Ambient Temperature (°C):         | NR                                   |                      |                  |
| Test Distance:                    | 25 FT                                |                      |                  |

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### Iso-Candela Plot





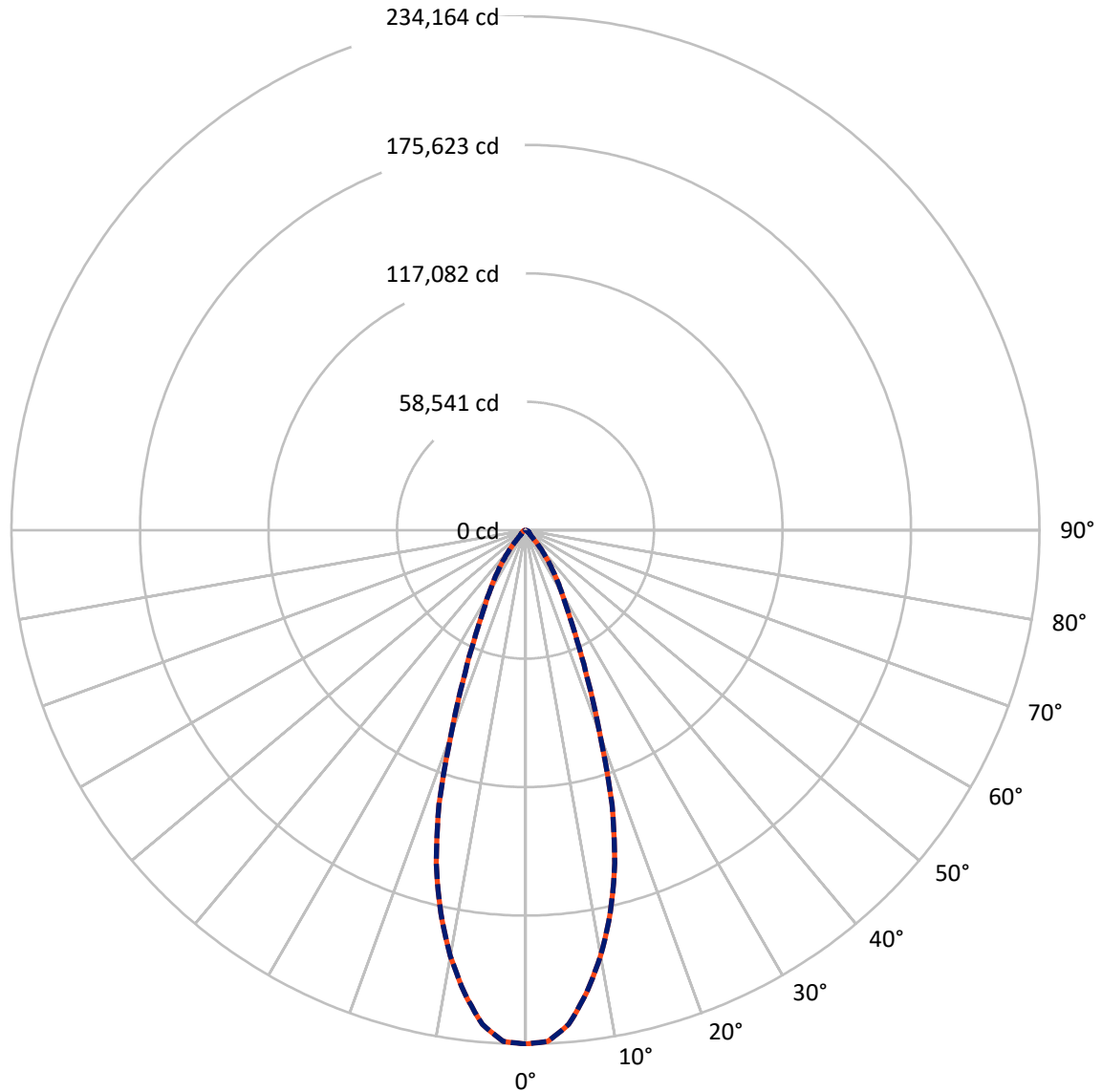
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### Lumen Table

|     |     |      |      |      |       |        |        |        |        |        |        |       |      |      |      |     |
|-----|-----|------|------|------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|------|-----|
| 90  | 0.1 | 0.8  | 3.2  | 7.7  | 10.0  | 7.7    | 3.2    | 0.8    | 0.1    |        |        |       |      |      |      |     |
| 80  | 0.1 | 0.8  | 3.2  | 7.7  | 10.0  | 7.7    | 3.2    | 0.8    | 0.1    |        |        |       |      |      |      |     |
| 70  | 0.4 | 0.5  | 1.9  | 5.4  | 11.2  | 18.3   | 24.4   | 27.9   | 27.9   | 24.4   | 18.3   | 11.2  | 5.4  | 1.9  | 0.5  | 0.4 |
| 60  |     | 1.5  | 6.4  | 17.4 | 31.9  | 44.9   | 54.4   | 59.7   | 59.7   | 54.4   | 44.9   | 31.9  | 17.4 | 6.4  | 1.5  |     |
| 50  | 1.1 | 3.3  | 14.2 | 32.4 | 50.4  | 69.9   | 100.5  | 132.5  | 132.5  | 100.5  | 69.9   | 50.4  | 32.4 | 14.2 | 3.3  | 1.1 |
| 40  |     | 6.0  | 22.6 | 43.6 | 75.6  | 203.4  | 430.4  | 597.1  | 597.1  | 430.4  | 203.4  | 75.6  | 43.6 | 22.6 | 6.0  |     |
| 30  | 2.2 | 8.8  | 28.7 | 54.8 | 185.2 | 578.7  | 1131.7 | 1682.9 | 1682.9 | 1131.7 | 578.7  | 185.2 | 54.8 | 28.7 | 8.8  | 2.2 |
| 20  |     | 11.1 | 32.6 | 74.4 | 368.7 | 1065.6 | 2639.0 | 4332.1 | 4332.1 | 2639.0 | 1065.6 | 368.7 | 74.4 | 32.6 | 11.1 |     |
| 10  | 2.8 | 12.3 | 34.7 | 95.9 | 496.2 | 1540.9 | 4209.7 | 6341.1 | 6341.1 | 4209.7 | 1540.9 | 496.2 | 95.9 | 34.7 | 12.3 | 2.8 |
| 0   |     | 12.3 | 34.7 | 95.9 | 496.2 | 1540.9 | 4209.7 | 6341.1 | 6341.1 | 4209.7 | 1540.9 | 496.2 | 95.9 | 34.7 | 12.3 |     |
| -10 | 2.2 | 11.1 | 32.6 | 74.4 | 368.7 | 1065.6 | 2639.0 | 4332.1 | 4332.1 | 2639.0 | 1065.6 | 368.7 | 74.4 | 32.6 | 11.1 | 2.2 |
| -20 |     | 8.8  | 28.7 | 54.8 | 185.2 | 578.7  | 1131.7 | 1682.9 | 1682.9 | 1131.7 | 578.7  | 185.2 | 54.8 | 28.7 | 8.8  |     |
| -30 | 1.1 | 6.0  | 22.6 | 43.6 | 75.6  | 203.4  | 430.4  | 597.1  | 597.1  | 430.4  | 203.4  | 75.6  | 43.6 | 22.6 | 6.0  | 1.1 |
| -40 |     | 3.3  | 14.2 | 32.4 | 50.4  | 69.9   | 100.5  | 132.5  | 132.5  | 100.5  | 69.9   | 50.4  | 32.4 | 14.2 | 3.3  |     |
| -50 | 0.4 | 1.5  | 6.4  | 17.4 | 31.9  | 44.9   | 54.4   | 59.7   | 59.7   | 54.4   | 44.9   | 31.9  | 17.4 | 6.4  | 1.5  | 0.4 |
| -60 |     | 0.5  | 1.9  | 5.4  | 11.2  | 18.3   | 24.4   | 27.9   | 27.9   | 24.4   | 18.3   | 11.2  | 5.4  | 1.9  | 0.5  |     |
| -70 | 0.1 | 0.8  | 3.2  | 7.7  | 10.0  | 7.7    | 3.2    | 0.8    | 0.1    |        |        |       |      |      |      |     |
| -80 |     | 0.1  | 0.8  | 3.2  | 7.7   | 10.0   | 7.7    | 3.2    | 0.8    | 0.1    |        |       |      |      |      |     |
| -90 | 0.1 | 0.8  | 3.2  | 7.7  | 10.0  | 7.7    | 3.2    | 0.8    | 0.1    |        |        |       |      |      |      |     |

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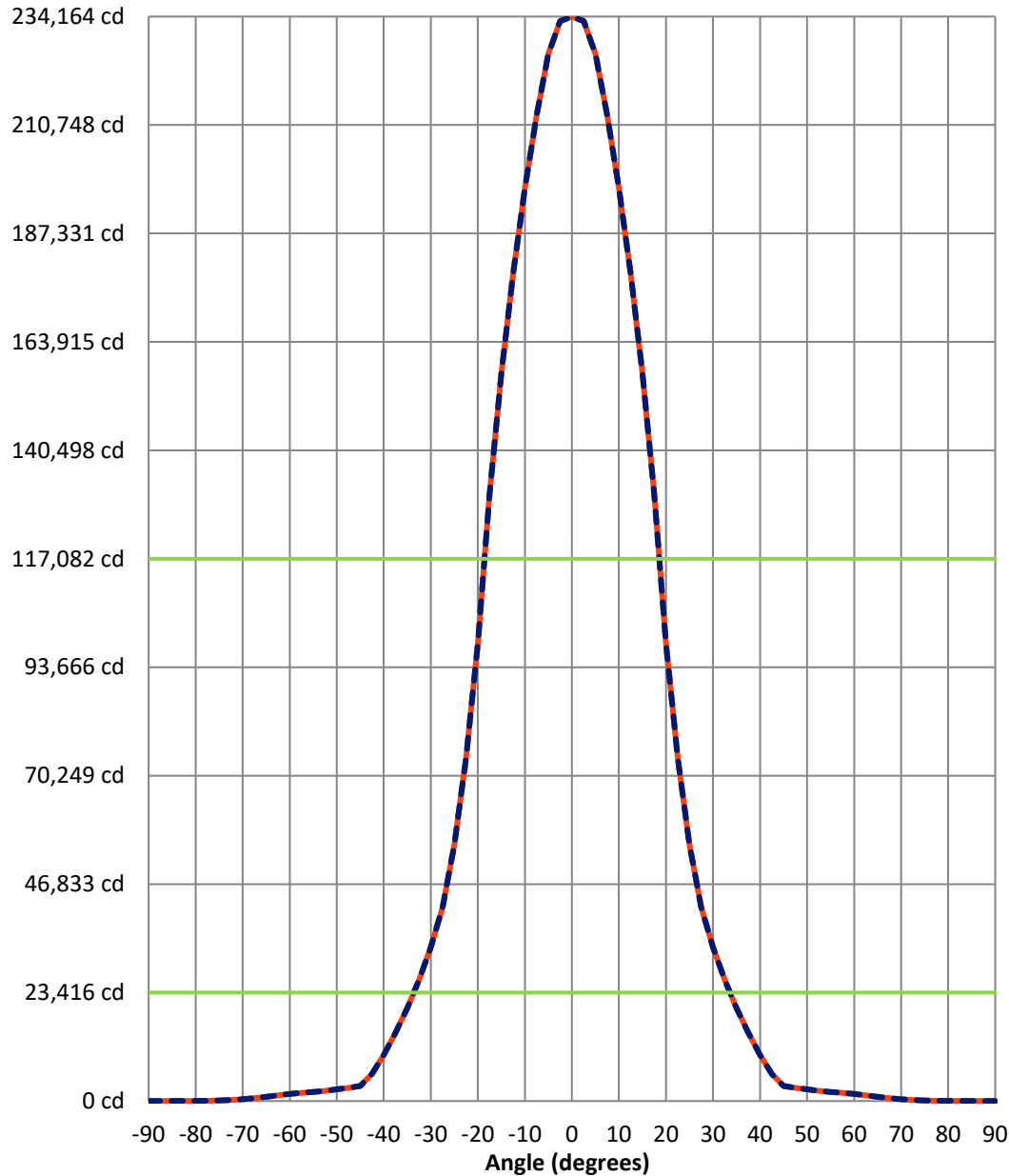
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 37.2°  
V Angle: 37.2°  
Lumens: 56296.2  
Efficiency: 52.1%

**Field:**  
H Angle: 67.2°  
V Angle: 67.2°  
Lumens: 94568.2  
Efficiency: 87.5%

**Spill:**  
Lumens: 13570.9  
Efficiency: 12.5%

— 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    | 0.5  | 0.7    | 0.9  | 1.2    | 1.4   | 1.6    | 1.8   | 2.1    | 2.3   |
| 85°    | 0.0  | 0.5    | 0.9  | 1.4    | 1.9  | 2.3    | 2.8   | 3.2    | 3.7   | 4.1    | 4.6   |
| 82.5°  | 0.0  | 0.7    | 1.4  | 2.1    | 2.8  | 3.5    | 4.2   | 4.9    | 5.5   | 6.2    | 6.8   |
| 80°    | 0.0  | 0.9    | 1.9  | 2.8    | 3.7  | 4.7    | 5.6   | 6.5    | 7.4   | 8.2    | 9.1   |
| 77.5°  | 0.0  | 1.2    | 2.3  | 3.5    | 4.7  | 5.8    | 6.9   | 8.1    | 9.2   | 10.3   | 11.7  |
| 75°    | 0.0  | 1.4    | 2.8  | 4.2    | 5.6  | 6.9    | 8.3   | 9.6    | 11.1  | 13.3   | 15.4  |
| 72.5°  | 0.0  | 1.6    | 3.2  | 4.9    | 6.5  | 8.1    | 9.6   | 11.5   | 14.1  | 16.6   | 19.1  |
| 70°    | 0.0  | 1.8    | 3.7  | 5.5    | 7.4  | 9.2    | 11.1  | 14.1   | 17.0  | 19.9   | 22.7  |
| 67.5°  | 0.0  | 2.1    | 4.1  | 6.2    | 8.2  | 10.3   | 13.3  | 16.6   | 19.9  | 23.1   | 26.3  |
| 65°    | 0.0  | 2.3    | 4.6  | 6.8    | 9.1  | 11.7   | 15.4  | 19.1   | 22.7  | 26.3   | 32.1  |
| 62.5°  | 0.0  | 2.5    | 5.0  | 7.5    | 9.9  | 13.4   | 17.5  | 21.5   | 25.5  | 30.8   | 43.2  |
| 60°    | 0.0  | 2.7    | 5.4  | 8.1    | 10.8 | 15.2   | 19.6  | 23.9   | 28.2  | 40.7   | 54.1  |
| 57.5°  | 0.0  | 2.9    | 5.8  | 8.7    | 12.1 | 16.8   | 21.6  | 26.3   | 35.6  | 50.3   | 75.1  |
| 55°    | 0.0  | 3.1    | 6.2  | 9.3    | 13.4 | 18.5   | 23.5  | 28.6   | 43.9  | 62.6   | 100.5 |
| 52.5°  | 0.0  | 3.3    | 6.6  | 9.8    | 14.6 | 20.1   | 25.4  | 35.1   | 52.0  | 84.9   | 125.2 |
| 50°    | 0.0  | 3.5    | 6.9  | 10.4   | 15.9 | 21.6   | 27.3  | 42.0   | 63.2  | 106.5  | 157.5 |
| 47.5°  | 0.0  | 3.6    | 7.3  | 11.0   | 17.1 | 23.1   | 29.6  | 48.6   | 81.7  | 127.3  | 189.6 |
| 45°    | 0.0  | 3.8    | 7.6  | 11.9   | 18.2 | 24.5   | 35.1  | 55.0   | 99.6  | 155.0  | 220.6 |
| 42.5°  | 0.0  | 4.0    | 8.0  | 12.7   | 19.3 | 25.9   | 40.3  | 66.3   | 116.7 | 181.8  | 268.4 |
| 40°    | 0.0  | 4.1    | 8.3  | 13.5   | 20.3 | 27.2   | 45.3  | 80.6   | 135.1 | 207.4  | 317.0 |
| 37.5°  | 0.0  | 4.3    | 8.6  | 14.2   | 21.3 | 28.4   | 50.1  | 94.2   | 156.7 | 236.5  | 363.4 |
| 35°    | 0.0  | 4.4    | 8.8  | 14.9   | 22.2 | 31.2   | 54.6  | 107.0  | 177.2 | 275.9  | 414.8 |
| 32.5°  | 0.0  | 4.6    | 9.1  | 15.6   | 23.1 | 34.8   | 60.6  | 119.1  | 196.4 | 313.1  | 474.4 |
| 30°    | 0.0  | 4.7    | 9.4  | 16.2   | 23.9 | 38.1   | 70.3  | 131.5  | 214.5 | 347.8  | 530.3 |
| 27.5°  | 0.0  | 4.8    | 9.6  | 16.7   | 24.7 | 41.1   | 79.3  | 146.1  | 235.6 | 380.2  | 582.3 |
| 25°    | 0.0  | 4.9    | 9.8  | 17.3   | 25.4 | 43.9   | 87.5  | 159.5  | 261.9 | 418.5  | 630.7 |
| 22.5°  | 0.0  | 5.0    | 10.0 | 17.7   | 26.0 | 46.5   | 95.1  | 171.7  | 286.0 | 457.6  | 683.5 |
| 20°    | 0.0  | 5.1    | 10.1 | 18.2   | 26.6 | 48.8   | 101.9 | 182.8  | 307.6 | 492.9  | 731.2 |
| 17.5°  | 0.0  | 5.1    | 10.3 | 18.5   | 27.1 | 50.8   | 107.9 | 192.6  | 326.9 | 524.3  | 773.6 |
| 15°    | 0.0  | 5.2    | 10.4 | 18.9   | 27.6 | 52.6   | 113.1 | 201.1  | 343.6 | 551.6  | 810.7 |
| 12.5°  | 0.0  | 5.3    | 10.5 | 19.2   | 27.9 | 54.1   | 117.6 | 208.4  | 357.9 | 574.9  | 842.2 |
| 10°    | 0.0  | 5.3    | 10.6 | 19.4   | 28.2 | 55.4   | 121.3 | 214.3  | 369.6 | 594.1  | 868.1 |
| 7.5°   | 0.0  | 5.4    | 10.7 | 19.6   | 28.5 | 56.3   | 124.1 | 219.0  | 378.8 | 609.0  | 888.4 |
| 5°     | 0.0  | 5.4    | 10.8 | 19.7   | 28.7 | 57.0   | 126.2 | 222.3  | 385.3 | 619.7  | 902.9 |
| 2.5°   | 0.0  | 5.4    | 10.8 | 19.8   | 28.8 | 57.5   | 127.4 | 224.3  | 389.3 | 626.2  | 911.6 |
| 0°     | 0.0  | 5.4    | 10.8 | 19.8   | 28.8 | 57.6   | 127.8 | 225.0  | 390.6 | 628.3  | 914.5 |
| -2.5°  | 0.0  | 5.4    | 10.8 | 19.8   | 28.8 | 57.5   | 127.4 | 224.3  | 389.3 | 626.2  | 911.6 |
| -5°    | 0.0  | 5.4    | 10.8 | 19.7   | 28.7 | 57.0   | 126.2 | 222.3  | 385.3 | 619.7  | 902.9 |
| -7.5°  | 0.0  | 5.4    | 10.7 | 19.6   | 28.5 | 56.3   | 124.1 | 219.0  | 378.8 | 609.0  | 888.4 |
| -10°   | 0.0  | 5.3    | 10.6 | 19.4   | 28.2 | 55.4   | 121.3 | 214.3  | 369.6 | 594.1  | 868.1 |
| -12.5° | 0.0  | 5.3    | 10.5 | 19.2   | 27.9 | 54.1   | 117.6 | 208.4  | 357.9 | 574.9  | 842.2 |
| -15°   | 0.0  | 5.2    | 10.4 | 18.9   | 27.6 | 52.6   | 113.1 | 201.1  | 343.6 | 551.6  | 810.7 |
| -17.5° | 0.0  | 5.1    | 10.3 | 18.5   | 27.1 | 50.8   | 107.9 | 192.6  | 326.9 | 524.3  | 773.6 |
| -20°   | 0.0  | 5.1    | 10.1 | 18.2   | 26.6 | 48.8   | 101.9 | 182.8  | 307.6 | 492.9  | 731.2 |



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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  | 5.0    | 10.0 | 17.7   | 26.0 | 46.5   | 95.1 | 171.7  | 286.0 | 457.6  | 683.5 |
| -25°   | 0.0  | 4.9    | 9.8  | 17.3   | 25.4 | 43.9   | 87.5 | 159.5  | 261.9 | 418.5  | 630.7 |
| -27.5° | 0.0  | 4.8    | 9.6  | 16.7   | 24.7 | 41.1   | 79.3 | 146.1  | 235.6 | 380.2  | 582.3 |
| -30°   | 0.0  | 4.7    | 9.4  | 16.2   | 23.9 | 38.1   | 70.3 | 131.5  | 214.5 | 347.8  | 530.3 |
| -32.5° | 0.0  | 4.6    | 9.1  | 15.6   | 23.1 | 34.8   | 60.6 | 119.1  | 196.4 | 313.1  | 474.4 |
| -35°   | 0.0  | 4.4    | 8.8  | 14.9   | 22.2 | 31.2   | 54.6 | 107.0  | 177.2 | 275.9  | 414.8 |
| -37.5° | 0.0  | 4.3    | 8.6  | 14.2   | 21.3 | 28.4   | 50.1 | 94.2   | 156.7 | 236.5  | 363.4 |
| -40°   | 0.0  | 4.1    | 8.3  | 13.5   | 20.3 | 27.2   | 45.3 | 80.6   | 135.1 | 207.4  | 317.0 |
| -42.5° | 0.0  | 4.0    | 8.0  | 12.7   | 19.3 | 25.9   | 40.3 | 66.3   | 116.7 | 181.8  | 268.4 |
| -45°   | 0.0  | 3.8    | 7.6  | 11.9   | 18.2 | 24.5   | 35.1 | 55.0   | 99.6  | 155.0  | 220.6 |
| -47.5° | 0.0  | 3.6    | 7.3  | 11.0   | 17.1 | 23.1   | 29.6 | 48.6   | 81.7  | 127.3  | 189.6 |
| -50°   | 0.0  | 3.5    | 6.9  | 10.4   | 15.9 | 21.6   | 27.3 | 42.0   | 63.2  | 106.5  | 157.5 |
| -52.5° | 0.0  | 3.3    | 6.6  | 9.8    | 14.6 | 20.1   | 25.4 | 35.1   | 52.0  | 84.9   | 125.2 |
| -55°   | 0.0  | 3.1    | 6.2  | 9.3    | 13.4 | 18.5   | 23.5 | 28.6   | 43.9  | 62.6   | 100.5 |
| -57.5° | 0.0  | 2.9    | 5.8  | 8.7    | 12.1 | 16.8   | 21.6 | 26.3   | 35.6  | 50.3   | 75.1  |
| -60°   | 0.0  | 2.7    | 5.4  | 8.1    | 10.8 | 15.2   | 19.6 | 23.9   | 28.2  | 40.7   | 54.1  |
| -62.5° | 0.0  | 2.5    | 5.0  | 7.5    | 9.9  | 13.4   | 17.5 | 21.5   | 25.5  | 30.8   | 43.2  |
| -65°   | 0.0  | 2.3    | 4.6  | 6.8    | 9.1  | 11.7   | 15.4 | 19.1   | 22.7  | 26.3   | 32.1  |
| -67.5° | 0.0  | 2.1    | 4.1  | 6.2    | 8.2  | 10.3   | 13.3 | 16.6   | 19.9  | 23.1   | 26.3  |
| -70°   | 0.0  | 1.8    | 3.7  | 5.5    | 7.4  | 9.2    | 11.1 | 14.1   | 17.0  | 19.9   | 22.7  |
| -72.5° | 0.0  | 1.6    | 3.2  | 4.9    | 6.5  | 8.1    | 9.6  | 11.5   | 14.1  | 16.6   | 19.1  |
| -75°   | 0.0  | 1.4    | 2.8  | 4.2    | 5.6  | 6.9    | 8.3  | 9.6    | 11.1  | 13.3   | 15.4  |
| -77.5° | 0.0  | 1.2    | 2.3  | 3.5    | 4.7  | 5.8    | 6.9  | 8.1    | 9.2   | 10.3   | 11.7  |
| -80°   | 0.0  | 0.9    | 1.9  | 2.8    | 3.7  | 4.7    | 5.6  | 6.5    | 7.4   | 8.2    | 9.1   |
| -82.5° | 0.0  | 0.7    | 1.4  | 2.1    | 2.8  | 3.5    | 4.2  | 4.9    | 5.5   | 6.2    | 6.8   |
| -85°   | 0.0  | 0.5    | 0.9  | 1.4    | 1.9  | 2.3    | 2.8  | 3.2    | 3.7   | 4.1    | 4.6   |
| -87.5° | 0.0  | 0.2    | 0.5  | 0.7    | 0.9  | 1.2    | 1.4  | 1.6    | 1.8   | 2.1    | 2.3   |
| -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-08-680R-40-70-4S-HEG-A

**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°  | 2.5           | 2.7           | 2.9           | 3.1           | 3.3           | 3.5           | 3.6           | 3.8           | 4.0           | 4.1           | 4.3            |
| 85°    | 5.0           | 5.4           | 5.8           | 6.2           | 6.6           | 6.9           | 7.3           | 7.6           | 8.0           | 8.3           | 8.6            |
| 82.5°  | 7.5           | 8.1           | 8.7           | 9.3           | 9.8           | 10.4          | 11.0          | 11.9          | 12.7          | 13.5          | 14.2           |
| 80°    | 9.9           | 10.8          | 12.1          | 13.4          | 14.6          | 15.9          | 17.1          | 18.2          | 19.3          | 20.3          | 21.3           |
| 77.5°  | 13.4          | 15.2          | 16.8          | 18.5          | 20.1          | 21.6          | 23.1          | 24.5          | 25.9          | 27.2          | 28.4           |
| 75°    | 17.5          | 19.6          | 21.6          | 23.5          | 25.4          | 27.3          | 29.6          | 35.1          | 40.3          | 45.3          | 50.1           |
| 72.5°  | 21.5          | 23.9          | 26.3          | 28.6          | 35.1          | 42.0          | 48.6          | 55.0          | 66.3          | 80.6          | 94.2           |
| 70°    | 25.5          | 28.2          | 35.6          | 43.9          | 52.0          | 63.2          | 81.7          | 99.6          | 116.7         | 135.1         | 156.7          |
| 67.5°  | 30.8          | 40.7          | 50.3          | 62.6          | 84.9          | 106.5         | 127.3         | 155.0         | 181.8         | 207.4         | 236.5          |
| 65°    | 43.2          | 54.1          | 75.1          | 100.5         | 125.2         | 157.5         | 189.6         | 220.6         | 268.4         | 317.0         | 363.4          |
| 62.5°  | 55.4          | 81.4          | 110.0         | 141.7         | 179.3         | 215.9         | 269.8         | 328.1         | 384.2         | 458.6         | 532.2          |
| 60°    | 81.4          | 113.1         | 150.5         | 192.6         | 239.6         | 307.6         | 373.5         | 457.6         | 545.7         | 630.7         | 728.0          |
| 57.5°  | 110.0         | 150.5         | 197.0         | 254.8         | 330.5         | 410.0         | 512.7         | 612.1         | 724.1         | 834.9         | 943.9          |
| 55°    | 141.7         | 192.6         | 254.8         | 338.1         | 432.1         | 546.0         | 662.6         | 791.7         | 916.6         | 1050.2        | 1178.1         |
| 52.5°  | 179.3         | 239.6         | 330.5         | 432.1         | 557.2         | 689.6         | 832.6         | 977.8         | 1127.1        | 1269.4        | 1401.9         |
| 50°    | 215.9         | 307.6         | 410.0         | 546.0         | 689.6         | 846.3         | 1008.6        | 1173.7        | 1329.6        | 1477.7        | 1601.0         |
| 47.5°  | 269.8         | 373.5         | 512.7         | 662.6         | 832.6         | 1008.6        | 1189.3        | 1359.9        | 1523.7        | 1648.4        | 1764.8         |
| 45°    | 328.1         | 457.6         | 612.1         | 791.7         | 977.8         | 1173.7        | 1359.9        | 1539.1        | 1672.2        | 1794.9        | 1891.3         |
| 42.5°  | 384.2         | 545.7         | 724.1         | 916.6         | 1127.1        | 1329.6        | 1523.7        | 1672.2        | 1804.3        | 1910.5        | 2031.9         |
| 40°    | 458.6         | 630.7         | 834.9         | 1050.2        | 1269.4        | 1477.7        | 1648.4        | 1794.9        | 1910.5        | 2044.9        | 2189.1         |
| 37.5°  | 532.2         | 728.0         | 943.9         | 1178.1        | 1401.9        | 1601.0        | 1764.8        | 1891.3        | 2031.9        | 2189.1        | 2401.2         |
| 35°    | 602.1         | 820.4         | 1056.2        | 1297.3        | 1528.3        | 1705.0        | 1853.3        | 1993.2        | 2162.7        | 2382.1        | 2601.2         |
| 32.5°  | 676.3         | 907.8         | 1162.5        | 1408.2        | 1622.6        | 1797.1        | 1935.8        | 2110.4        | 2325.3        | 2566.4        | 2779.5         |
| 30°    | 750.9         | 998.5         | 1261.3        | 1512.7        | 1709.2        | 1869.6        | 2033.0        | 2231.8        | 2492.9        | 2726.3        | 2990.7         |
| 27.5°  | 820.4         | 1083.7        | 1351.0        | 1593.6        | 1786.4        | 1937.6        | 2130.3        | 2379.2        | 2638.8        | 2891.4        | 3212.5         |
| 25°    | 884.6         | 1162.5        | 1433.9        | 1662.8        | 1844.9        | 2015.9        | 2231.0        | 2516.8        | 2771.0        | 3086.1        | 4277.1         |
| 22.5°  | 946.6         | 1234.6        | 1510.0        | 1726.4        | 1898.5        | 2093.1        | 2348.7        | 2632.5        | 2913.1        | 3311.4        | 5492.4         |
| 20°    | 1005.7        | 1297.3        | 1569.5        | 1781.5        | 1947.2        | 2163.3        | 2455.9        | 2736.1        | 3066.7        | 4348.3        | 7021.1         |
| 17.5°  | 1058.2        | 1353.1        | 1616.4        | 1821.4        | 2002.4        | 2238.3        | 2550.4        | 2829.2        | 3204.9        | 5283.7        | 8597.3         |
| 15°    | 1104.2        | 1401.9        | 1657.5        | 1856.4        | 2053.1        | 2316.1        | 2625.9        | 2937.4        | 3687.8        | 6243.6        | 10002.2        |
| 12.5°  | 1143.3        | 1443.5        | 1692.6        | 1886.2        | 2096.3        | 2382.6        | 2690.6        | 3034.0        | 4344.3        | 7355.4        | 11426.5        |
| 10°    | 1175.5        | 1477.7        | 1721.4        | 1910.8        | 2132.0        | 2437.5        | 2744.2        | 3113.9        | 4888.8        | 8279.2        | 12612.6        |
| 7.5°   | 1200.6        | 1504.5        | 1744.0        | 1930.1        | 2160.0        | 2480.6        | 2786.1        | 3176.7        | 5317.0        | 9006.9        | 13548.6        |
| 5°     | 1218.6        | 1523.7        | 1760.2        | 1943.9        | 2180.1        | 2511.5        | 2816.3        | 3221.9        | 5625.5        | 9531.8        | 14224.7        |
| 2.5°   | 1229.5        | 1535.2        | 1769.9        | 1952.2        | 2192.2        | 2530.2        | 2834.5        | 3249.2        | 5811.7        | 9848.8        | 14633.5        |
| 0°     | <b>1233.1</b> | <b>1539.1</b> | <b>1773.2</b> | <b>1955.0</b> | <b>2196.2</b> | <b>2536.4</b> | <b>2840.6</b> | <b>3258.3</b> | <b>5873.9</b> | <b>9954.8</b> | <b>14770.3</b> |
| -2.5°  | 1229.5        | 1535.2        | 1769.9        | 1952.2        | 2192.2        | 2530.2        | 2834.5        | 3249.2        | 5811.7        | 9848.8        | 14633.5        |
| -5°    | 1218.6        | 1523.7        | 1760.2        | 1943.9        | 2180.1        | 2511.5        | 2816.3        | 3221.9        | 5625.5        | 9531.8        | 14224.7        |
| -7.5°  | 1200.6        | 1504.5        | 1744.0        | 1930.1        | 2160.0        | 2480.6        | 2786.1        | 3176.7        | 5317.0        | 9006.9        | 13548.6        |
| -10°   | 1175.5        | 1477.7        | 1721.4        | 1910.8        | 2132.0        | 2437.5        | 2744.2        | 3113.9        | 4888.8        | 8279.2        | 12612.6        |
| -12.5° | 1143.3        | 1443.5        | 1692.6        | 1886.2        | 2096.3        | 2382.6        | 2690.6        | 3034.0        | 4344.3        | 7355.4        | 11426.5        |
| -15°   | 1104.2        | 1401.9        | 1657.5        | 1856.4        | 2053.1        | 2316.1        | 2625.9        | 2937.4        | 3687.8        | 6243.6        | 10002.2        |
| -17.5° | 1058.2        | 1353.1        | 1616.4        | 1821.4        | 2002.4        | 2238.3        | 2550.4        | 2829.2        | 3204.9        | 5283.7        | 8597.3         |
| -20°   | 1005.7        | 1297.3        | 1569.5        | 1781.5        | 1947.2        | 2163.3        | 2455.9        | 2736.1        | 3066.7        | 4348.3        | 7021.1         |



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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° | 946.6  | 1234.6 | 1510.0 | 1726.4 | 1898.5 | 2093.1 | 2348.7 | 2632.5 | 2913.1 | 3311.4 | 5492.4 |
| -25°   | 884.6  | 1162.5 | 1433.9 | 1662.8 | 1844.9 | 2015.9 | 2231.0 | 2516.8 | 2771.0 | 3086.1 | 4277.1 |
| -27.5° | 820.4  | 1083.7 | 1351.0 | 1593.6 | 1786.4 | 1937.6 | 2130.3 | 2379.2 | 2638.8 | 2891.4 | 3212.5 |
| -30°   | 750.9  | 998.5  | 1261.3 | 1512.7 | 1709.2 | 1869.6 | 2033.0 | 2231.8 | 2492.9 | 2726.3 | 2990.7 |
| -32.5° | 676.3  | 907.8  | 1162.5 | 1408.2 | 1622.6 | 1797.1 | 1935.8 | 2110.4 | 2325.3 | 2566.4 | 2779.5 |
| -35°   | 602.1  | 820.4  | 1056.2 | 1297.3 | 1528.3 | 1705.0 | 1853.3 | 1993.2 | 2162.7 | 2382.1 | 2601.2 |
| -37.5° | 532.2  | 728.0  | 943.9  | 1178.1 | 1401.9 | 1601.0 | 1764.8 | 1891.3 | 2031.9 | 2189.1 | 2401.2 |
| -40°   | 458.6  | 630.7  | 834.9  | 1050.2 | 1269.4 | 1477.7 | 1648.4 | 1794.9 | 1910.5 | 2044.9 | 2189.1 |
| -42.5° | 384.2  | 545.7  | 724.1  | 916.6  | 1127.1 | 1329.6 | 1523.7 | 1672.2 | 1804.3 | 1910.5 | 2031.9 |
| -45°   | 328.1  | 457.6  | 612.1  | 791.7  | 977.8  | 1173.7 | 1359.9 | 1539.1 | 1672.2 | 1794.9 | 1891.3 |
| -47.5° | 269.8  | 373.5  | 512.7  | 662.6  | 832.6  | 1008.6 | 1189.3 | 1359.9 | 1523.7 | 1648.4 | 1764.8 |
| -50°   | 215.9  | 307.6  | 410.0  | 546.0  | 689.6  | 846.3  | 1008.6 | 1173.7 | 1329.6 | 1477.7 | 1601.0 |
| -52.5° | 179.3  | 239.6  | 330.5  | 432.1  | 557.2  | 689.6  | 832.6  | 977.8  | 1127.1 | 1269.4 | 1401.9 |
| -55°   | 141.7  | 192.6  | 254.8  | 338.1  | 432.1  | 546.0  | 662.6  | 791.7  | 916.6  | 1050.2 | 1178.1 |
| -57.5° | 110.0  | 150.5  | 197.0  | 254.8  | 330.5  | 410.0  | 512.7  | 612.1  | 724.1  | 834.9  | 943.9  |
| -60°   | 81.4   | 113.1  | 150.5  | 192.6  | 239.6  | 307.6  | 373.5  | 457.6  | 545.7  | 630.7  | 728.0  |
| -62.5° | 55.4   | 81.4   | 110.0  | 141.7  | 179.3  | 215.9  | 269.8  | 328.1  | 384.2  | 458.6  | 532.2  |
| -65°   | 43.2   | 54.1   | 75.1   | 100.5  | 125.2  | 157.5  | 189.6  | 220.6  | 268.4  | 317.0  | 363.4  |
| -67.5° | 30.8   | 40.7   | 50.3   | 62.6   | 84.9   | 106.5  | 127.3  | 155.0  | 181.8  | 207.4  | 236.5  |
| -70°   | 25.5   | 28.2   | 35.6   | 43.9   | 52.0   | 63.2   | 81.7   | 99.6   | 116.7  | 135.1  | 156.7  |
| -72.5° | 21.5   | 23.9   | 26.3   | 28.6   | 35.1   | 42.0   | 48.6   | 55.0   | 66.3   | 80.6   | 94.2   |
| -75°   | 17.5   | 19.6   | 21.6   | 23.5   | 25.4   | 27.3   | 29.6   | 35.1   | 40.3   | 45.3   | 50.1   |
| -77.5° | 13.4   | 15.2   | 16.8   | 18.5   | 20.1   | 21.6   | 23.1   | 24.5   | 25.9   | 27.2   | 28.4   |
| -80°   | 9.9    | 10.8   | 12.1   | 13.4   | 14.6   | 15.9   | 17.1   | 18.2   | 19.3   | 20.3   | 21.3   |
| -82.5° | 7.5    | 8.1    | 8.7    | 9.3    | 9.8    | 10.4   | 11.0   | 11.9   | 12.7   | 13.5   | 14.2   |
| -85°   | 5.0    | 5.4    | 5.8    | 6.2    | 6.6    | 6.9    | 7.3    | 7.6    | 8.0    | 8.3    | 8.6    |
| -87.5° | 2.5    | 2.7    | 2.9    | 3.1    | 3.3    | 3.5    | 3.6    | 3.8    | 4.0    | 4.1    | 4.3    |
| -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°  | 4.4     | 4.6     | 4.7     | 4.8     | 4.9     | 5.0     | 5.1     | 5.1      | 5.2      | 5.3      | 5.3      |
| 85°    | 8.8     | 9.1     | 9.4     | 9.6     | 9.8     | 10.0    | 10.1    | 10.3     | 10.4     | 10.5     | 10.6     |
| 82.5°  | 14.9    | 15.6    | 16.2    | 16.7    | 17.3    | 17.7    | 18.2    | 18.5     | 18.9     | 19.2     | 19.4     |
| 80°    | 22.2    | 23.1    | 23.9    | 24.7    | 25.4    | 26.0    | 26.6    | 27.1     | 27.6     | 27.9     | 28.2     |
| 77.5°  | 31.2    | 34.8    | 38.1    | 41.1    | 43.9    | 46.5    | 48.8    | 50.8     | 52.6     | 54.1     | 55.4     |
| 75°    | 54.6    | 60.6    | 70.3    | 79.3    | 87.5    | 95.1    | 101.9   | 107.9    | 113.1    | 117.6    | 121.3    |
| 72.5°  | 107.0   | 119.1   | 131.5   | 146.1   | 159.5   | 171.7   | 182.8   | 192.6    | 201.1    | 208.4    | 214.3    |
| 70°    | 177.2   | 196.4   | 214.5   | 235.6   | 261.9   | 286.0   | 307.6   | 326.9    | 343.6    | 357.9    | 369.6    |
| 67.5°  | 275.9   | 313.1   | 347.8   | 380.2   | 418.5   | 457.6   | 492.9   | 524.3    | 551.6    | 574.9    | 594.1    |
| 65°    | 414.8   | 474.4   | 530.3   | 582.3   | 630.7   | 683.5   | 731.2   | 773.6    | 810.7    | 842.2    | 868.1    |
| 62.5°  | 602.1   | 676.3   | 750.9   | 820.4   | 884.6   | 946.6   | 1005.7  | 1058.2   | 1104.2   | 1143.3   | 1175.5   |
| 60°    | 820.4   | 907.8   | 998.5   | 1083.7  | 1162.5  | 1234.6  | 1297.3  | 1353.1   | 1401.9   | 1443.5   | 1477.7   |
| 57.5°  | 1056.2  | 1162.5  | 1261.3  | 1351.0  | 1433.9  | 1510.0  | 1569.5  | 1616.4   | 1657.5   | 1692.6   | 1721.4   |
| 55°    | 1297.3  | 1408.2  | 1512.7  | 1593.6  | 1662.8  | 1726.4  | 1781.5  | 1821.4   | 1856.4   | 1886.2   | 1910.8   |
| 52.5°  | 1528.3  | 1622.6  | 1709.2  | 1786.4  | 1844.9  | 1898.5  | 1947.2  | 2002.4   | 2053.1   | 2096.3   | 2132.0   |
| 50°    | 1705.0  | 1797.1  | 1869.6  | 1937.6  | 2015.9  | 2093.1  | 2163.3  | 2238.3   | 2316.1   | 2382.6   | 2437.5   |
| 47.5°  | 1853.3  | 1935.8  | 2033.0  | 2130.3  | 2231.0  | 2348.7  | 2455.9  | 2550.4   | 2625.9   | 2690.6   | 2744.2   |
| 45°    | 1993.2  | 2110.4  | 2231.8  | 2379.2  | 2516.8  | 2632.5  | 2736.1  | 2829.2   | 2937.4   | 3034.0   | 3113.9   |
| 42.5°  | 2162.7  | 2325.3  | 2492.9  | 2638.8  | 2771.0  | 2913.1  | 3066.7  | 3204.9   | 3687.8   | 4344.3   | 4888.8   |
| 40°    | 2382.1  | 2566.4  | 2726.3  | 2891.4  | 3086.1  | 3311.4  | 4348.3  | 5283.7   | 6243.6   | 7355.4   | 8279.2   |
| 37.5°  | 2601.2  | 2779.5  | 2990.7  | 3212.5  | 4277.1  | 5492.4  | 7021.1  | 8597.3   | 10002.2  | 11426.5  | 12612.6  |
| 35°    | 2797.4  | 3040.9  | 3453.6  | 4934.2  | 6586.6  | 8620.7  | 10593.4 | 12601.7  | 14388.1  | 16053.2  | 17475.9  |
| 32.5°  | 3040.9  | 3615.6  | 5266.9  | 7385.2  | 9711.9  | 12240.6 | 14620.9 | 16993.8  | 19125.5  | 21109.9  | 22887.3  |
| 30°    | 3453.6  | 5266.9  | 7653.8  | 10321.1 | 13248.8 | 16127.8 | 18946.4 | 21735.8  | 24383.5  | 26783.6  | 29043.5  |
| 27.5°  | 4934.2  | 7385.2  | 10321.1 | 13588.3 | 16901.4 | 20155.8 | 23624.9 | 26923.2  | 30265.9  | 33198.0  | 36215.7  |
| 25°    | 6586.6  | 9711.9  | 13248.8 | 16901.4 | 20619.1 | 24587.7 | 28666.6 | 32673.7  | 36985.3  | 40894.3  | 45577.4  |
| 22.5°  | 8620.7  | 12240.6 | 16127.8 | 20155.8 | 24587.7 | 29256.1 | 34058.0 | 39336.1  | 45481.3  | 52203.6  | 58982.6  |
| 20°    | 10593.4 | 14620.9 | 18946.4 | 23624.9 | 28666.6 | 34058.0 | 40133.3 | 48113.5  | 56740.2  | 67017.7  | 76438.0  |
| 17.5°  | 12601.7 | 16993.8 | 21735.8 | 26923.2 | 32673.7 | 39336.1 | 48113.5 | 58704.6  | 71183.5  | 85096.4  | 98063.2  |
| 15°    | 14388.1 | 19125.5 | 24383.5 | 30265.9 | 36985.3 | 45481.3 | 56740.2 | 71183.5  | 88066.3  | 106137.5 | 125084.4 |
| 12.5°  | 16053.2 | 21109.9 | 26783.6 | 33198.0 | 40894.3 | 52203.6 | 67017.7 | 85096.4  | 106137.5 | 129686.3 | 147110.7 |
| 10°    | 17475.9 | 22887.3 | 29043.5 | 36215.7 | 45577.4 | 58982.6 | 76438.0 | 98063.2  | 125084.4 | 147110.7 | 165062.9 |
| 7.5°   | 18601.2 | 24297.2 | 30842.1 | 38629.9 | 49765.7 | 65461.1 | 85940.5 | 111813.3 | 139057.2 | 161127.6 | 178778.2 |
| 5°     | 19415.5 | 25319.6 | 32150.0 | 40391.6 | 52835.7 | 70237.3 | 93000.3 | 122313.5 | 148824.3 | 170740.0 | 188560.1 |
| 2.5°   | 19908.5 | 25939.5 | 32944.5 | 41464.4 | 54711.2 | 73167.5 | 97356.7 | 128846.0 | 154974.0 | 176638.3 | 194825.8 |
| 0°     | 20073.5 | 26147.2 | 33211.0 | 41824.7 | 55342.1 | 74155.5 | 98830.2 | 131065.5 | 157077.7 | 178594.1 | 197041.1 |
| -2.5°  | 19908.5 | 25939.5 | 32944.5 | 41464.4 | 54711.2 | 73167.5 | 97356.7 | 128846.0 | 154974.0 | 176638.3 | 194825.8 |
| -5°    | 19415.5 | 25319.6 | 32150.0 | 40391.6 | 52835.7 | 70237.3 | 93000.3 | 122313.5 | 148824.3 | 170740.0 | 188560.1 |
| -7.5°  | 18601.2 | 24297.2 | 30842.1 | 38629.9 | 49765.7 | 65461.1 | 85940.5 | 111813.3 | 139057.2 | 161127.6 | 178778.2 |
| -10°   | 17475.9 | 22887.3 | 29043.5 | 36215.7 | 45577.4 | 58982.6 | 76438.0 | 98063.2  | 125084.4 | 147110.7 | 165062.9 |
| -12.5° | 16053.2 | 21109.9 | 26783.6 | 33198.0 | 40894.3 | 52203.6 | 67017.7 | 85096.4  | 106137.5 | 129686.3 | 147110.7 |
| -15°   | 14388.1 | 19125.5 | 24383.5 | 30265.9 | 36985.3 | 45481.3 | 56740.2 | 71183.5  | 88066.3  | 106137.5 | 125084.4 |
| -17.5° | 12601.7 | 16993.8 | 21735.8 | 26923.2 | 32673.7 | 39336.1 | 48113.5 | 58704.6  | 71183.5  | 85096.4  | 98063.2  |
| -20°   | 10593.4 | 14620.9 | 18946.4 | 23624.9 | 28666.6 | 34058.0 | 40133.3 | 48113.5  | 56740.2  | 67017.7  | 76438.0  |



REPORT NUMBER: P1305416 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-4S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5°  | -30°    | -27.5°  | -25°    | -22.5°  | -20°    | -17.5°  | -15°    | -12.5°  | -10°    |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 8620.7 | 12240.6 | 16127.8 | 20155.8 | 24587.7 | 29256.1 | 34058.0 | 39336.1 | 45481.3 | 52203.6 | 58982.6 |
| -25°   | 6586.6 | 9711.9  | 13248.8 | 16901.4 | 20619.1 | 24587.7 | 28666.6 | 32673.7 | 36985.3 | 40894.3 | 45577.4 |
| -27.5° | 4934.2 | 7385.2  | 10321.1 | 13588.3 | 16901.4 | 20155.8 | 23624.9 | 26923.2 | 30265.9 | 33198.0 | 36215.7 |
| -30°   | 3453.6 | 5266.9  | 7653.8  | 10321.1 | 13248.8 | 16127.8 | 18946.4 | 21735.8 | 24383.5 | 26783.6 | 29043.5 |
| -32.5° | 3040.9 | 3615.6  | 5266.9  | 7385.2  | 9711.9  | 12240.6 | 14620.9 | 16993.8 | 19125.5 | 21109.9 | 22887.3 |
| -35°   | 2797.4 | 3040.9  | 3453.6  | 4934.2  | 6586.6  | 8620.7  | 10593.4 | 12601.7 | 14388.1 | 16053.2 | 17475.9 |
| -37.5° | 2601.2 | 2779.5  | 2990.7  | 3212.5  | 4277.1  | 5492.4  | 7021.1  | 8597.3  | 10002.2 | 11426.5 | 12612.6 |
| -40°   | 2382.1 | 2566.4  | 2726.3  | 2891.4  | 3086.1  | 3311.4  | 4348.3  | 5283.7  | 6243.6  | 7355.4  | 8279.2  |
| -42.5° | 2162.7 | 2325.3  | 2492.9  | 2638.8  | 2771.0  | 2913.1  | 3066.7  | 3204.9  | 3687.8  | 4344.3  | 4888.8  |
| -45°   | 1993.2 | 2110.4  | 2231.8  | 2379.2  | 2516.8  | 2632.5  | 2736.1  | 2829.2  | 2937.4  | 3034.0  | 3113.9  |
| -47.5° | 1853.3 | 1935.8  | 2033.0  | 2130.3  | 2231.0  | 2348.7  | 2455.9  | 2550.4  | 2625.9  | 2690.6  | 2744.2  |
| -50°   | 1705.0 | 1797.1  | 1869.6  | 1937.6  | 2015.9  | 2093.1  | 2163.3  | 2238.3  | 2316.1  | 2382.6  | 2437.5  |
| -52.5° | 1528.3 | 1622.6  | 1709.2  | 1786.4  | 1844.9  | 1898.5  | 1947.2  | 2002.4  | 2053.1  | 2096.3  | 2132.0  |
| -55°   | 1297.3 | 1408.2  | 1512.7  | 1593.6  | 1662.8  | 1726.4  | 1781.5  | 1821.4  | 1856.4  | 1886.2  | 1910.8  |
| -57.5° | 1056.2 | 1162.5  | 1261.3  | 1351.0  | 1433.9  | 1510.0  | 1569.5  | 1616.4  | 1657.5  | 1692.6  | 1721.4  |
| -60°   | 820.4  | 907.8   | 998.5   | 1083.7  | 1162.5  | 1234.6  | 1297.3  | 1353.1  | 1401.9  | 1443.5  | 1477.7  |
| -62.5° | 602.1  | 676.3   | 750.9   | 820.4   | 884.6   | 946.6   | 1005.7  | 1058.2  | 1104.2  | 1143.3  | 1175.5  |
| -65°   | 414.8  | 474.4   | 530.3   | 582.3   | 630.7   | 683.5   | 731.2   | 773.6   | 810.7   | 842.2   | 868.1   |
| -67.5° | 275.9  | 313.1   | 347.8   | 380.2   | 418.5   | 457.6   | 492.9   | 524.3   | 551.6   | 574.9   | 594.1   |
| -70°   | 177.2  | 196.4   | 214.5   | 235.6   | 261.9   | 286.0   | 307.6   | 326.9   | 343.6   | 357.9   | 369.6   |
| -72.5° | 107.0  | 119.1   | 131.5   | 146.1   | 159.5   | 171.7   | 182.8   | 192.6   | 201.1   | 208.4   | 214.3   |
| -75°   | 54.6   | 60.6    | 70.3    | 79.3    | 87.5    | 95.1    | 101.9   | 107.9   | 113.1   | 117.6   | 121.3   |
| -77.5° | 31.2   | 34.8    | 38.1    | 41.1    | 43.9    | 46.5    | 48.8    | 50.8    | 52.6    | 54.1    | 55.4    |
| -80°   | 22.2   | 23.1    | 23.9    | 24.7    | 25.4    | 26.0    | 26.6    | 27.1    | 27.6    | 27.9    | 28.2    |
| -82.5° | 14.9   | 15.6    | 16.2    | 16.7    | 17.3    | 17.7    | 18.2    | 18.5    | 18.9    | 19.2    | 19.4    |
| -85°   | 8.8    | 9.1     | 9.4     | 9.6     | 9.8     | 10.0    | 10.1    | 10.3    | 10.4    | 10.5    | 10.6    |
| -87.5° | 4.4    | 4.6     | 4.7     | 4.8     | 4.9     | 5.0     | 5.1     | 5.1     | 5.2     | 5.3     | 5.3     |
| -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: P1305416 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°  | 5.4      | 5.4      | 5.4      | 5.4      | 5.4      | 5.4      | 5.4      | 5.3      | 5.3      | 5.2      | 5.1      |
| 85°    | 10.7     | 10.8     | 10.8     | 10.8     | 10.8     | 10.8     | 10.7     | 10.6     | 10.5     | 10.4     | 10.3     |
| 82.5°  | 19.6     | 19.7     | 19.8     | 19.8     | 19.8     | 19.7     | 19.6     | 19.4     | 19.2     | 18.9     | 18.5     |
| 80°    | 28.5     | 28.7     | 28.8     | 28.8     | 28.8     | 28.7     | 28.5     | 28.2     | 27.9     | 27.6     | 27.1     |
| 77.5°  | 56.3     | 57.0     | 57.5     | 57.6     | 57.5     | 57.0     | 56.3     | 55.4     | 54.1     | 52.6     | 50.8     |
| 75°    | 124.1    | 126.2    | 127.4    | 127.8    | 127.4    | 126.2    | 124.1    | 121.3    | 117.6    | 113.1    | 107.9    |
| 72.5°  | 219.0    | 222.3    | 224.3    | 225.0    | 224.3    | 222.3    | 219.0    | 214.3    | 208.4    | 201.1    | 192.6    |
| 70°    | 378.8    | 385.3    | 389.3    | 390.6    | 389.3    | 385.3    | 378.8    | 369.6    | 357.9    | 343.6    | 326.9    |
| 67.5°  | 609.0    | 619.7    | 626.2    | 628.3    | 626.2    | 619.7    | 609.0    | 594.1    | 574.9    | 551.6    | 524.3    |
| 65°    | 888.4    | 902.9    | 911.6    | 914.5    | 911.6    | 902.9    | 888.4    | 868.1    | 842.2    | 810.7    | 773.6    |
| 62.5°  | 1200.6   | 1218.6   | 1229.5   | 1233.1   | 1229.5   | 1218.6   | 1200.6   | 1175.5   | 1143.3   | 1104.2   | 1058.2   |
| 60°    | 1504.5   | 1523.7   | 1535.2   | 1539.1   | 1535.2   | 1523.7   | 1504.5   | 1477.7   | 1443.5   | 1401.9   | 1353.1   |
| 57.5°  | 1744.0   | 1760.2   | 1769.9   | 1773.2   | 1769.9   | 1760.2   | 1744.0   | 1721.4   | 1692.6   | 1657.5   | 1616.4   |
| 55°    | 1930.1   | 1943.9   | 1952.2   | 1955.0   | 1952.2   | 1943.9   | 1930.1   | 1910.8   | 1886.2   | 1856.4   | 1821.4   |
| 52.5°  | 2160.0   | 2180.1   | 2192.2   | 2196.2   | 2192.2   | 2180.1   | 2160.0   | 2132.0   | 2096.3   | 2053.1   | 2002.4   |
| 50°    | 2480.6   | 2511.5   | 2530.2   | 2536.4   | 2530.2   | 2511.5   | 2480.6   | 2437.5   | 2382.6   | 2316.1   | 2238.3   |
| 47.5°  | 2786.1   | 2816.3   | 2834.5   | 2840.6   | 2834.5   | 2816.3   | 2786.1   | 2744.2   | 2690.6   | 2625.9   | 2550.4   |
| 45°    | 3176.7   | 3221.9   | 3249.2   | 3258.3   | 3249.2   | 3221.9   | 3176.7   | 3113.9   | 3034.0   | 2937.4   | 2829.2   |
| 42.5°  | 5317.0   | 5625.5   | 5811.7   | 5873.9   | 5811.7   | 5625.5   | 5317.0   | 4888.8   | 4344.3   | 3687.8   | 3204.9   |
| 40°    | 9006.9   | 9531.8   | 9848.8   | 9954.8   | 9848.8   | 9531.8   | 9006.9   | 8279.2   | 7355.4   | 6243.6   | 5283.7   |
| 37.5°  | 13548.6  | 14224.7  | 14633.5  | 14770.3  | 14633.5  | 14224.7  | 13548.6  | 12612.6  | 11426.5  | 10002.2  | 8597.3   |
| 35°    | 18601.2  | 19415.5  | 19908.5  | 20073.5  | 19908.5  | 19415.5  | 18601.2  | 17475.9  | 16053.2  | 14388.1  | 12601.7  |
| 32.5°  | 24297.2  | 25319.6  | 25939.5  | 26147.2  | 25939.5  | 25319.6  | 24297.2  | 22887.3  | 21109.9  | 19125.5  | 16993.8  |
| 30°    | 30842.1  | 32150.0  | 32944.5  | 33211.0  | 32944.5  | 32150.0  | 30842.1  | 29043.5  | 26783.6  | 24383.5  | 21735.8  |
| 27.5°  | 38629.9  | 40391.6  | 41464.4  | 41824.7  | 41464.4  | 40391.6  | 38629.9  | 36215.7  | 33198.0  | 30265.9  | 26923.2  |
| 25°    | 49765.7  | 52835.7  | 54711.2  | 55342.1  | 54711.2  | 52835.7  | 49765.7  | 45577.4  | 40894.3  | 36985.3  | 32673.7  |
| 22.5°  | 65461.1  | 70237.3  | 73167.5  | 74155.5  | 73167.5  | 70237.3  | 65461.1  | 58982.6  | 52203.6  | 45481.3  | 39336.1  |
| 20°    | 85940.5  | 93000.3  | 97356.7  | 98830.2  | 97356.7  | 93000.3  | 85940.5  | 76438.0  | 67017.7  | 56740.2  | 48113.5  |
| 17.5°  | 111813.3 | 122313.5 | 128846.0 | 131065.5 | 128846.0 | 122313.5 | 111813.3 | 98063.2  | 85096.4  | 71183.5  | 58704.6  |
| 15°    | 139057.2 | 148824.3 | 154974.0 | 157077.7 | 154974.0 | 148824.3 | 139057.2 | 125084.4 | 106137.5 | 88066.3  | 71183.5  |
| 12.5°  | 161127.6 | 170740.0 | 176638.3 | 178594.1 | 176638.3 | 170740.0 | 161127.6 | 147110.7 | 129686.3 | 106137.5 | 85096.4  |
| 10°    | 178778.2 | 188560.1 | 194825.8 | 197041.1 | 194825.8 | 188560.1 | 178778.2 | 165062.9 | 147110.7 | 125084.4 | 98063.2  |
| 7.5°   | 192741.1 | 203782.0 | 210469.3 | 212849.2 | 210469.3 | 203782.0 | 192741.1 | 178778.2 | 161127.6 | 139057.2 | 111813.3 |
| 5°     | 203782.0 | 215406.0 | 223321.1 | 226106.4 | 223321.1 | 215406.0 | 203782.0 | 188560.1 | 170740.0 | 148824.3 | 122313.5 |
| 2.5°   | 210469.3 | 223321.1 | 230967.2 | 233163.9 | 230967.2 | 223321.1 | 210469.3 | 194825.8 | 176638.3 | 154974.0 | 128846.0 |
| 0°     | 212849.2 | 226106.4 | 233163.9 | 234163.9 | 233163.9 | 226106.4 | 212849.2 | 197041.1 | 178594.1 | 157077.7 | 131065.5 |
| -2.5°  | 210469.3 | 223321.1 | 230967.2 | 233163.9 | 230967.2 | 223321.1 | 210469.3 | 194825.8 | 176638.3 | 154974.0 | 128846.0 |
| -5°    | 203782.0 | 215406.0 | 223321.1 | 226106.4 | 223321.1 | 215406.0 | 203782.0 | 188560.1 | 170740.0 | 148824.3 | 122313.5 |
| -7.5°  | 192741.1 | 203782.0 | 210469.3 | 212849.2 | 210469.3 | 203782.0 | 192741.1 | 178778.2 | 161127.6 | 139057.2 | 111813.3 |
| -10°   | 178778.2 | 188560.1 | 194825.8 | 197041.1 | 194825.8 | 188560.1 | 178778.2 | 165062.9 | 147110.7 | 125084.4 | 98063.2  |
| -12.5° | 161127.6 | 170740.0 | 176638.3 | 178594.1 | 176638.3 | 170740.0 | 161127.6 | 147110.7 | 129686.3 | 106137.5 | 85096.4  |
| -15°   | 139057.2 | 148824.3 | 154974.0 | 157077.7 | 154974.0 | 148824.3 | 139057.2 | 125084.4 | 106137.5 | 88066.3  | 71183.5  |
| -17.5° | 111813.3 | 122313.5 | 128846.0 | 131065.5 | 128846.0 | 122313.5 | 111813.3 | 98063.2  | 85096.4  | 71183.5  | 58704.6  |
| -20°   | 85940.5  | 93000.3  | 97356.7  | 98830.2  | 97356.7  | 93000.3  | 85940.5  | 76438.0  | 67017.7  | 56740.2  | 48113.5  |



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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° | 65461.1 | 70237.3 | 73167.5 | 74155.5 | 73167.5 | 70237.3 | 65461.1 | 58982.6 | 52203.6 | 45481.3 | 39336.1 |
| -25°   | 49765.7 | 52835.7 | 54711.2 | 55342.1 | 54711.2 | 52835.7 | 49765.7 | 45577.4 | 40894.3 | 36985.3 | 32673.7 |
| -27.5° | 38629.9 | 40391.6 | 41464.4 | 41824.7 | 41464.4 | 40391.6 | 38629.9 | 36215.7 | 33198.0 | 30265.9 | 26923.2 |
| -30°   | 30842.1 | 32150.0 | 32944.5 | 33211.0 | 32944.5 | 32150.0 | 30842.1 | 29043.5 | 26783.6 | 24383.5 | 21735.8 |
| -32.5° | 24297.2 | 25319.6 | 25939.5 | 26147.2 | 25939.5 | 25319.6 | 24297.2 | 22887.3 | 21109.9 | 19125.5 | 16993.8 |
| -35°   | 18601.2 | 19415.5 | 19908.5 | 20073.5 | 19908.5 | 19415.5 | 18601.2 | 17475.9 | 16053.2 | 14388.1 | 12601.7 |
| -37.5° | 13548.6 | 14224.7 | 14633.5 | 14770.3 | 14633.5 | 14224.7 | 13548.6 | 12612.6 | 11426.5 | 10002.2 | 8597.3  |
| -40°   | 9006.9  | 9531.8  | 9848.8  | 9954.8  | 9848.8  | 9531.8  | 9006.9  | 8279.2  | 7355.4  | 6243.6  | 5283.7  |
| -42.5° | 5317.0  | 5625.5  | 5811.7  | 5873.9  | 5811.7  | 5625.5  | 5317.0  | 4888.8  | 4344.3  | 3687.8  | 3204.9  |
| -45°   | 3176.7  | 3221.9  | 3249.2  | 3258.3  | 3249.2  | 3221.9  | 3176.7  | 3113.9  | 3034.0  | 2937.4  | 2829.2  |
| -47.5° | 2786.1  | 2816.3  | 2834.5  | 2840.6  | 2834.5  | 2816.3  | 2786.1  | 2744.2  | 2690.6  | 2625.9  | 2550.4  |
| -50°   | 2480.6  | 2511.5  | 2530.2  | 2536.4  | 2530.2  | 2511.5  | 2480.6  | 2437.5  | 2382.6  | 2316.1  | 2238.3  |
| -52.5° | 2160.0  | 2180.1  | 2192.2  | 2196.2  | 2192.2  | 2180.1  | 2160.0  | 2132.0  | 2096.3  | 2053.1  | 2002.4  |
| -55°   | 1930.1  | 1943.9  | 1952.2  | 1955.0  | 1952.2  | 1943.9  | 1930.1  | 1910.8  | 1886.2  | 1856.4  | 1821.4  |
| -57.5° | 1744.0  | 1760.2  | 1769.9  | 1773.2  | 1769.9  | 1760.2  | 1744.0  | 1721.4  | 1692.6  | 1657.5  | 1616.4  |
| -60°   | 1504.5  | 1523.7  | 1535.2  | 1539.1  | 1535.2  | 1523.7  | 1504.5  | 1477.7  | 1443.5  | 1401.9  | 1353.1  |
| -62.5° | 1200.6  | 1218.6  | 1229.5  | 1233.1  | 1229.5  | 1218.6  | 1200.6  | 1175.5  | 1143.3  | 1104.2  | 1058.2  |
| -65°   | 888.4   | 902.9   | 911.6   | 914.5   | 911.6   | 902.9   | 888.4   | 868.1   | 842.2   | 810.7   | 773.6   |
| -67.5° | 609.0   | 619.7   | 626.2   | 628.3   | 626.2   | 619.7   | 609.0   | 594.1   | 574.9   | 551.6   | 524.3   |
| -70°   | 378.8   | 385.3   | 389.3   | 390.6   | 389.3   | 385.3   | 378.8   | 369.6   | 357.9   | 343.6   | 326.9   |
| -72.5° | 219.0   | 222.3   | 224.3   | 225.0   | 224.3   | 222.3   | 219.0   | 214.3   | 208.4   | 201.1   | 192.6   |
| -75°   | 124.1   | 126.2   | 127.4   | 127.8   | 127.4   | 126.2   | 124.1   | 121.3   | 117.6   | 113.1   | 107.9   |
| -77.5° | 56.3    | 57.0    | 57.5    | 57.6    | 57.5    | 57.0    | 56.3    | 55.4    | 54.1    | 52.6    | 50.8    |
| -80°   | 28.5    | 28.7    | 28.8    | 28.8    | 28.8    | 28.7    | 28.5    | 28.2    | 27.9    | 27.6    | 27.1    |
| -82.5° | 19.6    | 19.7    | 19.8    | 19.8    | 19.8    | 19.7    | 19.6    | 19.4    | 19.2    | 18.9    | 18.5    |
| -85°   | 10.7    | 10.8    | 10.8    | 10.8    | 10.8    | 10.8    | 10.7    | 10.6    | 10.5    | 10.4    | 10.3    |
| -87.5° | 5.4     | 5.4     | 5.4     | 5.4     | 5.4     | 5.4     | 5.4     | 5.3     | 5.3     | 5.2     | 5.1     |
| -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: P1305416 (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°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 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°  | 5.1     | 5.0     | 4.9     | 4.8     | 4.7     | 4.6     | 4.4     | 4.3     | 4.1    | 4.0    | 3.8    |
| 85°    | 10.1    | 10.0    | 9.8     | 9.6     | 9.4     | 9.1     | 8.8     | 8.6     | 8.3    | 8.0    | 7.6    |
| 82.5°  | 18.2    | 17.7    | 17.3    | 16.7    | 16.2    | 15.6    | 14.9    | 14.2    | 13.5   | 12.7   | 11.9   |
| 80°    | 26.6    | 26.0    | 25.4    | 24.7    | 23.9    | 23.1    | 22.2    | 21.3    | 20.3   | 19.3   | 18.2   |
| 77.5°  | 48.8    | 46.5    | 43.9    | 41.1    | 38.1    | 34.8    | 31.2    | 28.4    | 27.2   | 25.9   | 24.5   |
| 75°    | 101.9   | 95.1    | 87.5    | 79.3    | 70.3    | 60.6    | 54.6    | 50.1    | 45.3   | 40.3   | 35.1   |
| 72.5°  | 182.8   | 171.7   | 159.5   | 146.1   | 131.5   | 119.1   | 107.0   | 94.2    | 80.6   | 66.3   | 55.0   |
| 70°    | 307.6   | 286.0   | 261.9   | 235.6   | 214.5   | 196.4   | 177.2   | 156.7   | 135.1  | 116.7  | 99.6   |
| 67.5°  | 492.9   | 457.6   | 418.5   | 380.2   | 347.8   | 313.1   | 275.9   | 236.5   | 207.4  | 181.8  | 155.0  |
| 65°    | 731.2   | 683.5   | 630.7   | 582.3   | 530.3   | 474.4   | 414.8   | 363.4   | 317.0  | 268.4  | 220.6  |
| 62.5°  | 1005.7  | 946.6   | 884.6   | 820.4   | 750.9   | 676.3   | 602.1   | 532.2   | 458.6  | 384.2  | 328.1  |
| 60°    | 1297.3  | 1234.6  | 1162.5  | 1083.7  | 998.5   | 907.8   | 820.4   | 728.0   | 630.7  | 545.7  | 457.6  |
| 57.5°  | 1569.5  | 1510.0  | 1433.9  | 1351.0  | 1261.3  | 1162.5  | 1056.2  | 943.9   | 834.9  | 724.1  | 612.1  |
| 55°    | 1781.5  | 1726.4  | 1662.8  | 1593.6  | 1512.7  | 1408.2  | 1297.3  | 1178.1  | 1050.2 | 916.6  | 791.7  |
| 52.5°  | 1947.2  | 1898.5  | 1844.9  | 1786.4  | 1709.2  | 1622.6  | 1528.3  | 1401.9  | 1269.4 | 1127.1 | 977.8  |
| 50°    | 2163.3  | 2093.1  | 2015.9  | 1937.6  | 1869.6  | 1797.1  | 1705.0  | 1601.0  | 1477.7 | 1329.6 | 1173.7 |
| 47.5°  | 2455.9  | 2348.7  | 2231.0  | 2130.3  | 2033.0  | 1935.8  | 1853.3  | 1764.8  | 1648.4 | 1523.7 | 1359.9 |
| 45°    | 2736.1  | 2632.5  | 2516.8  | 2379.2  | 2231.8  | 2110.4  | 1993.2  | 1891.3  | 1794.9 | 1672.2 | 1539.1 |
| 42.5°  | 3066.7  | 2913.1  | 2771.0  | 2638.8  | 2492.9  | 2325.3  | 2162.7  | 2031.9  | 1910.5 | 1804.3 | 1672.2 |
| 40°    | 4348.3  | 3311.4  | 3086.1  | 2891.4  | 2726.3  | 2566.4  | 2382.1  | 2189.1  | 2044.9 | 1910.5 | 1794.9 |
| 37.5°  | 7021.1  | 5492.4  | 4277.1  | 3212.5  | 2990.7  | 2779.5  | 2601.2  | 2401.2  | 2189.1 | 2031.9 | 1891.3 |
| 35°    | 10593.4 | 8620.7  | 6586.6  | 4934.2  | 3453.6  | 3040.9  | 2797.4  | 2601.2  | 2382.1 | 2162.7 | 1993.2 |
| 32.5°  | 14620.9 | 12240.6 | 9711.9  | 7385.2  | 5266.9  | 3615.6  | 3040.9  | 2779.5  | 2566.4 | 2325.3 | 2110.4 |
| 30°    | 18946.4 | 16127.8 | 13248.8 | 10321.1 | 7653.8  | 5266.9  | 3453.6  | 2990.7  | 2726.3 | 2492.9 | 2231.8 |
| 27.5°  | 23624.9 | 20155.8 | 16901.4 | 13588.3 | 10321.1 | 7385.2  | 4934.2  | 3212.5  | 2891.4 | 2638.8 | 2379.2 |
| 25°    | 28666.6 | 24587.7 | 20619.1 | 16901.4 | 13248.8 | 9711.9  | 6586.6  | 4277.1  | 3086.1 | 2771.0 | 2516.8 |
| 22.5°  | 34058.0 | 29256.1 | 24587.7 | 20155.8 | 16127.8 | 12240.6 | 8620.7  | 5492.4  | 3311.4 | 2913.1 | 2632.5 |
| 20°    | 40133.3 | 34058.0 | 28666.6 | 23624.9 | 18946.4 | 14620.9 | 10593.4 | 7021.1  | 4348.3 | 3066.7 | 2736.1 |
| 17.5°  | 48113.5 | 39336.1 | 32673.7 | 26923.2 | 21735.8 | 16993.8 | 12601.7 | 8597.3  | 5283.7 | 3204.9 | 2829.2 |
| 15°    | 56740.2 | 45481.3 | 36985.3 | 30265.9 | 24383.5 | 19125.5 | 14388.1 | 10002.2 | 6243.6 | 3687.8 | 2937.4 |
| 12.5°  | 67017.7 | 52203.6 | 40894.3 | 33198.0 | 26783.6 | 21109.9 | 16053.2 | 11426.5 | 7355.4 | 4344.3 | 3034.0 |
| 10°    | 76438.0 | 58982.6 | 45577.4 | 36215.7 | 29043.5 | 22887.3 | 17475.9 | 12612.6 | 8279.2 | 4888.8 | 3113.9 |
| 7.5°   | 85940.5 | 65461.1 | 49765.7 | 38629.9 | 30842.1 | 24297.2 | 18601.2 | 13548.6 | 9006.9 | 5317.0 | 3176.7 |
| 5°     | 93000.3 | 70237.3 | 52835.7 | 40391.6 | 32150.0 | 25319.6 | 19415.5 | 14224.7 | 9531.8 | 5625.5 | 3221.9 |
| 2.5°   | 97356.7 | 73167.5 | 54711.2 | 41464.4 | 32944.5 | 25939.5 | 19908.5 | 14633.5 | 9848.8 | 5811.7 | 3249.2 |
| 0°     | 98830.2 | 74155.5 | 55342.1 | 41824.7 | 33211.0 | 26147.2 | 20073.5 | 14770.3 | 9954.8 | 5873.9 | 3258.3 |
| -2.5°  | 97356.7 | 73167.5 | 54711.2 | 41464.4 | 32944.5 | 25939.5 | 19908.5 | 14633.5 | 9848.8 | 5811.7 | 3249.2 |
| -5°    | 93000.3 | 70237.3 | 52835.7 | 40391.6 | 32150.0 | 25319.6 | 19415.5 | 14224.7 | 9531.8 | 5625.5 | 3221.9 |
| -7.5°  | 85940.5 | 65461.1 | 49765.7 | 38629.9 | 30842.1 | 24297.2 | 18601.2 | 13548.6 | 9006.9 | 5317.0 | 3176.7 |
| -10°   | 76438.0 | 58982.6 | 45577.4 | 36215.7 | 29043.5 | 22887.3 | 17475.9 | 12612.6 | 8279.2 | 4888.8 | 3113.9 |
| -12.5° | 67017.7 | 52203.6 | 40894.3 | 33198.0 | 26783.6 | 21109.9 | 16053.2 | 11426.5 | 7355.4 | 4344.3 | 3034.0 |
| -15°   | 56740.2 | 45481.3 | 36985.3 | 30265.9 | 24383.5 | 19125.5 | 14388.1 | 10002.2 | 6243.6 | 3687.8 | 2937.4 |
| -17.5° | 48113.5 | 39336.1 | 32673.7 | 26923.2 | 21735.8 | 16993.8 | 12601.7 | 8597.3  | 5283.7 | 3204.9 | 2829.2 |
| -20°   | 40133.3 | 34058.0 | 28666.6 | 23624.9 | 18946.4 | 14620.9 | 10593.4 | 7021.1  | 4348.3 | 3066.7 | 2736.1 |



REPORT NUMBER: P1305416 (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° | 34058.0 | 29256.1 | 24587.7 | 20155.8 | 16127.8 | 12240.6 | 8620.7 | 5492.4 | 3311.4 | 2913.1 | 2632.5 |
| -25°   | 28666.6 | 24587.7 | 20619.1 | 16901.4 | 13248.8 | 9711.9  | 6586.6 | 4277.1 | 3086.1 | 2771.0 | 2516.8 |
| -27.5° | 23624.9 | 20155.8 | 16901.4 | 13588.3 | 10321.1 | 7385.2  | 4934.2 | 3212.5 | 2891.4 | 2638.8 | 2379.2 |
| -30°   | 18946.4 | 16127.8 | 13248.8 | 10321.1 | 7653.8  | 5266.9  | 3453.6 | 2990.7 | 2726.3 | 2492.9 | 2231.8 |
| -32.5° | 14620.9 | 12240.6 | 9711.9  | 7385.2  | 5266.9  | 3615.6  | 3040.9 | 2779.5 | 2566.4 | 2325.3 | 2110.4 |
| -35°   | 10593.4 | 8620.7  | 6586.6  | 4934.2  | 3453.6  | 3040.9  | 2797.4 | 2601.2 | 2382.1 | 2162.7 | 1993.2 |
| -37.5° | 7021.1  | 5492.4  | 4277.1  | 3212.5  | 2990.7  | 2779.5  | 2601.2 | 2401.2 | 2189.1 | 2031.9 | 1891.3 |
| -40°   | 4348.3  | 3311.4  | 3086.1  | 2891.4  | 2726.3  | 2566.4  | 2382.1 | 2189.1 | 2044.9 | 1910.5 | 1794.9 |
| -42.5° | 3066.7  | 2913.1  | 2771.0  | 2638.8  | 2492.9  | 2325.3  | 2162.7 | 2031.9 | 1910.5 | 1804.3 | 1672.2 |
| -45°   | 2736.1  | 2632.5  | 2516.8  | 2379.2  | 2231.8  | 2110.4  | 1993.2 | 1891.3 | 1794.9 | 1672.2 | 1539.1 |
| -47.5° | 2455.9  | 2348.7  | 2231.0  | 2130.3  | 2033.0  | 1935.8  | 1853.3 | 1764.8 | 1648.4 | 1523.7 | 1359.9 |
| -50°   | 2163.3  | 2093.1  | 2015.9  | 1937.6  | 1869.6  | 1797.1  | 1705.0 | 1601.0 | 1477.7 | 1329.6 | 1173.7 |
| -52.5° | 1947.2  | 1898.5  | 1844.9  | 1786.4  | 1709.2  | 1622.6  | 1528.3 | 1401.9 | 1269.4 | 1127.1 | 977.8  |
| -55°   | 1781.5  | 1726.4  | 1662.8  | 1593.6  | 1512.7  | 1408.2  | 1297.3 | 1178.1 | 1050.2 | 916.6  | 791.7  |
| -57.5° | 1569.5  | 1510.0  | 1433.9  | 1351.0  | 1261.3  | 1162.5  | 1056.2 | 943.9  | 834.9  | 724.1  | 612.1  |
| -60°   | 1297.3  | 1234.6  | 1162.5  | 1083.7  | 998.5   | 907.8   | 820.4  | 728.0  | 630.7  | 545.7  | 457.6  |
| -62.5° | 1005.7  | 946.6   | 884.6   | 820.4   | 750.9   | 676.3   | 602.1  | 532.2  | 458.6  | 384.2  | 328.1  |
| -65°   | 731.2   | 683.5   | 630.7   | 582.3   | 530.3   | 474.4   | 414.8  | 363.4  | 317.0  | 268.4  | 220.6  |
| -67.5° | 492.9   | 457.6   | 418.5   | 380.2   | 347.8   | 313.1   | 275.9  | 236.5  | 207.4  | 181.8  | 155.0  |
| -70°   | 307.6   | 286.0   | 261.9   | 235.6   | 214.5   | 196.4   | 177.2  | 156.7  | 135.1  | 116.7  | 99.6   |
| -72.5° | 182.8   | 171.7   | 159.5   | 146.1   | 131.5   | 119.1   | 107.0  | 94.2   | 80.6   | 66.3   | 55.0   |
| -75°   | 101.9   | 95.1    | 87.5    | 79.3    | 70.3    | 60.6    | 54.6   | 50.1   | 45.3   | 40.3   | 35.1   |
| -77.5° | 48.8    | 46.5    | 43.9    | 41.1    | 38.1    | 34.8    | 31.2   | 28.4   | 27.2   | 25.9   | 24.5   |
| -80°   | 26.6    | 26.0    | 25.4    | 24.7    | 23.9    | 23.1    | 22.2   | 21.3   | 20.3   | 19.3   | 18.2   |
| -82.5° | 18.2    | 17.7    | 17.3    | 16.7    | 16.2    | 15.6    | 14.9   | 14.2   | 13.5   | 12.7   | 11.9   |
| -85°   | 10.1    | 10.0    | 9.8     | 9.6     | 9.4     | 9.1     | 8.8    | 8.6    | 8.3    | 8.0    | 7.6    |
| -87.5° | 5.1     | 5.0     | 4.9     | 4.8     | 4.7     | 4.6     | 4.4    | 4.3    | 4.1    | 4.0    | 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    |



REPORT NUMBER: P1305416 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-4S-HEG-A

**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°  | 3.6    | 3.5    | 3.3    | 3.1    | 2.9    | 2.7    | 2.5    | 2.3   | 2.1   | 1.8   | 1.6   |
| 85°    | 7.3    | 6.9    | 6.6    | 6.2    | 5.8    | 5.4    | 5.0    | 4.6   | 4.1   | 3.7   | 3.2   |
| 82.5°  | 11.0   | 10.4   | 9.8    | 9.3    | 8.7    | 8.1    | 7.5    | 6.8   | 6.2   | 5.5   | 4.9   |
| 80°    | 17.1   | 15.9   | 14.6   | 13.4   | 12.1   | 10.8   | 9.9    | 9.1   | 8.2   | 7.4   | 6.5   |
| 77.5°  | 23.1   | 21.6   | 20.1   | 18.5   | 16.8   | 15.2   | 13.4   | 11.7  | 10.3  | 9.2   | 8.1   |
| 75°    | 29.6   | 27.3   | 25.4   | 23.5   | 21.6   | 19.6   | 17.5   | 15.4  | 13.3  | 11.1  | 9.6   |
| 72.5°  | 48.6   | 42.0   | 35.1   | 28.6   | 26.3   | 23.9   | 21.5   | 19.1  | 16.6  | 14.1  | 11.5  |
| 70°    | 81.7   | 63.2   | 52.0   | 43.9   | 35.6   | 28.2   | 25.5   | 22.7  | 19.9  | 17.0  | 14.1  |
| 67.5°  | 127.3  | 106.5  | 84.9   | 62.6   | 50.3   | 40.7   | 30.8   | 26.3  | 23.1  | 19.9  | 16.6  |
| 65°    | 189.6  | 157.5  | 125.2  | 100.5  | 75.1   | 54.1   | 43.2   | 32.1  | 26.3  | 22.7  | 19.1  |
| 62.5°  | 269.8  | 215.9  | 179.3  | 141.7  | 110.0  | 81.4   | 55.4   | 43.2  | 30.8  | 25.5  | 21.5  |
| 60°    | 373.5  | 307.6  | 239.6  | 192.6  | 150.5  | 113.1  | 81.4   | 54.1  | 40.7  | 28.2  | 23.9  |
| 57.5°  | 512.7  | 410.0  | 330.5  | 254.8  | 197.0  | 150.5  | 110.0  | 75.1  | 50.3  | 35.6  | 26.3  |
| 55°    | 662.6  | 546.0  | 432.1  | 338.1  | 254.8  | 192.6  | 141.7  | 100.5 | 62.6  | 43.9  | 28.6  |
| 52.5°  | 832.6  | 689.6  | 557.2  | 432.1  | 330.5  | 239.6  | 179.3  | 125.2 | 84.9  | 52.0  | 35.1  |
| 50°    | 1008.6 | 846.3  | 689.6  | 546.0  | 410.0  | 307.6  | 215.9  | 157.5 | 106.5 | 63.2  | 42.0  |
| 47.5°  | 1189.3 | 1008.6 | 832.6  | 662.6  | 512.7  | 373.5  | 269.8  | 189.6 | 127.3 | 81.7  | 48.6  |
| 45°    | 1359.9 | 1173.7 | 977.8  | 791.7  | 612.1  | 457.6  | 328.1  | 220.6 | 155.0 | 99.6  | 55.0  |
| 42.5°  | 1523.7 | 1329.6 | 1127.1 | 916.6  | 724.1  | 545.7  | 384.2  | 268.4 | 181.8 | 116.7 | 66.3  |
| 40°    | 1648.4 | 1477.7 | 1269.4 | 1050.2 | 834.9  | 630.7  | 458.6  | 317.0 | 207.4 | 135.1 | 80.6  |
| 37.5°  | 1764.8 | 1601.0 | 1401.9 | 1178.1 | 943.9  | 728.0  | 532.2  | 363.4 | 236.5 | 156.7 | 94.2  |
| 35°    | 1853.3 | 1705.0 | 1528.3 | 1297.3 | 1056.2 | 820.4  | 602.1  | 414.8 | 275.9 | 177.2 | 107.0 |
| 32.5°  | 1935.8 | 1797.1 | 1622.6 | 1408.2 | 1162.5 | 907.8  | 676.3  | 474.4 | 313.1 | 196.4 | 119.1 |
| 30°    | 2033.0 | 1869.6 | 1709.2 | 1512.7 | 1261.3 | 998.5  | 750.9  | 530.3 | 347.8 | 214.5 | 131.5 |
| 27.5°  | 2130.3 | 1937.6 | 1786.4 | 1593.6 | 1351.0 | 1083.7 | 820.4  | 582.3 | 380.2 | 235.6 | 146.1 |
| 25°    | 2231.0 | 2015.9 | 1844.9 | 1662.8 | 1433.9 | 1162.5 | 884.6  | 630.7 | 418.5 | 261.9 | 159.5 |
| 22.5°  | 2348.7 | 2093.1 | 1898.5 | 1726.4 | 1510.0 | 1234.6 | 946.6  | 683.5 | 457.6 | 286.0 | 171.7 |
| 20°    | 2455.9 | 2163.3 | 1947.2 | 1781.5 | 1569.5 | 1297.3 | 1005.7 | 731.2 | 492.9 | 307.6 | 182.8 |
| 17.5°  | 2550.4 | 2238.3 | 2002.4 | 1821.4 | 1616.4 | 1353.1 | 1058.2 | 773.6 | 524.3 | 326.9 | 192.6 |
| 15°    | 2625.9 | 2316.1 | 2053.1 | 1856.4 | 1657.5 | 1401.9 | 1104.2 | 810.7 | 551.6 | 343.6 | 201.1 |
| 12.5°  | 2690.6 | 2382.6 | 2096.3 | 1886.2 | 1692.6 | 1443.5 | 1143.3 | 842.2 | 574.9 | 357.9 | 208.4 |
| 10°    | 2744.2 | 2437.5 | 2132.0 | 1910.8 | 1721.4 | 1477.7 | 1175.5 | 868.1 | 594.1 | 369.6 | 214.3 |
| 7.5°   | 2786.1 | 2480.6 | 2160.0 | 1930.1 | 1744.0 | 1504.5 | 1200.6 | 888.4 | 609.0 | 378.8 | 219.0 |
| 5°     | 2816.3 | 2511.5 | 2180.1 | 1943.9 | 1760.2 | 1523.7 | 1218.6 | 902.9 | 619.7 | 385.3 | 222.3 |
| 2.5°   | 2834.5 | 2530.2 | 2192.2 | 1952.2 | 1769.9 | 1535.2 | 1229.5 | 911.6 | 626.2 | 389.3 | 224.3 |
| 0°     | 2840.6 | 2536.4 | 2196.2 | 1955.0 | 1773.2 | 1539.1 | 1233.1 | 914.5 | 628.3 | 390.6 | 225.0 |
| -2.5°  | 2834.5 | 2530.2 | 2192.2 | 1952.2 | 1769.9 | 1535.2 | 1229.5 | 911.6 | 626.2 | 389.3 | 224.3 |
| -5°    | 2816.3 | 2511.5 | 2180.1 | 1943.9 | 1760.2 | 1523.7 | 1218.6 | 902.9 | 619.7 | 385.3 | 222.3 |
| -7.5°  | 2786.1 | 2480.6 | 2160.0 | 1930.1 | 1744.0 | 1504.5 | 1200.6 | 888.4 | 609.0 | 378.8 | 219.0 |
| -10°   | 2744.2 | 2437.5 | 2132.0 | 1910.8 | 1721.4 | 1477.7 | 1175.5 | 868.1 | 594.1 | 369.6 | 214.3 |
| -12.5° | 2690.6 | 2382.6 | 2096.3 | 1886.2 | 1692.6 | 1443.5 | 1143.3 | 842.2 | 574.9 | 357.9 | 208.4 |
| -15°   | 2625.9 | 2316.1 | 2053.1 | 1856.4 | 1657.5 | 1401.9 | 1104.2 | 810.7 | 551.6 | 343.6 | 201.1 |
| -17.5° | 2550.4 | 2238.3 | 2002.4 | 1821.4 | 1616.4 | 1353.1 | 1058.2 | 773.6 | 524.3 | 326.9 | 192.6 |
| -20°   | 2455.9 | 2163.3 | 1947.2 | 1781.5 | 1569.5 | 1297.3 | 1005.7 | 731.2 | 492.9 | 307.6 | 182.8 |



REPORT NUMBER: P1305416 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-4S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°    | 57.5°  | 60°    | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2348.7 | 2093.1 | 1898.5 | 1726.4 | 1510.0 | 1234.6 | 946.6 | 683.5 | 457.6 | 286.0 | 171.7 |
| -25°   | 2231.0 | 2015.9 | 1844.9 | 1662.8 | 1433.9 | 1162.5 | 884.6 | 630.7 | 418.5 | 261.9 | 159.5 |
| -27.5° | 2130.3 | 1937.6 | 1786.4 | 1593.6 | 1351.0 | 1083.7 | 820.4 | 582.3 | 380.2 | 235.6 | 146.1 |
| -30°   | 2033.0 | 1869.6 | 1709.2 | 1512.7 | 1261.3 | 998.5  | 750.9 | 530.3 | 347.8 | 214.5 | 131.5 |
| -32.5° | 1935.8 | 1797.1 | 1622.6 | 1408.2 | 1162.5 | 907.8  | 676.3 | 474.4 | 313.1 | 196.4 | 119.1 |
| -35°   | 1853.3 | 1705.0 | 1528.3 | 1297.3 | 1056.2 | 820.4  | 602.1 | 414.8 | 275.9 | 177.2 | 107.0 |
| -37.5° | 1764.8 | 1601.0 | 1401.9 | 1178.1 | 943.9  | 728.0  | 532.2 | 363.4 | 236.5 | 156.7 | 94.2  |
| -40°   | 1648.4 | 1477.7 | 1269.4 | 1050.2 | 834.9  | 630.7  | 458.6 | 317.0 | 207.4 | 135.1 | 80.6  |
| -42.5° | 1523.7 | 1329.6 | 1127.1 | 916.6  | 724.1  | 545.7  | 384.2 | 268.4 | 181.8 | 116.7 | 66.3  |
| -45°   | 1359.9 | 1173.7 | 977.8  | 791.7  | 612.1  | 457.6  | 328.1 | 220.6 | 155.0 | 99.6  | 55.0  |
| -47.5° | 1189.3 | 1008.6 | 832.6  | 662.6  | 512.7  | 373.5  | 269.8 | 189.6 | 127.3 | 81.7  | 48.6  |
| -50°   | 1008.6 | 846.3  | 689.6  | 546.0  | 410.0  | 307.6  | 215.9 | 157.5 | 106.5 | 63.2  | 42.0  |
| -52.5° | 832.6  | 689.6  | 557.2  | 432.1  | 330.5  | 239.6  | 179.3 | 125.2 | 84.9  | 52.0  | 35.1  |
| -55°   | 662.6  | 546.0  | 432.1  | 338.1  | 254.8  | 192.6  | 141.7 | 100.5 | 62.6  | 43.9  | 28.6  |
| -57.5° | 512.7  | 410.0  | 330.5  | 254.8  | 197.0  | 150.5  | 110.0 | 75.1  | 50.3  | 35.6  | 26.3  |
| -60°   | 373.5  | 307.6  | 239.6  | 192.6  | 150.5  | 113.1  | 81.4  | 54.1  | 40.7  | 28.2  | 23.9  |
| -62.5° | 269.8  | 215.9  | 179.3  | 141.7  | 110.0  | 81.4   | 55.4  | 43.2  | 30.8  | 25.5  | 21.5  |
| -65°   | 189.6  | 157.5  | 125.2  | 100.5  | 75.1   | 54.1   | 43.2  | 32.1  | 26.3  | 22.7  | 19.1  |
| -67.5° | 127.3  | 106.5  | 84.9   | 62.6   | 50.3   | 40.7   | 30.8  | 26.3  | 23.1  | 19.9  | 16.6  |
| -70°   | 81.7   | 63.2   | 52.0   | 43.9   | 35.6   | 28.2   | 25.5  | 22.7  | 19.9  | 17.0  | 14.1  |
| -72.5° | 48.6   | 42.0   | 35.1   | 28.6   | 26.3   | 23.9   | 21.5  | 19.1  | 16.6  | 14.1  | 11.5  |
| -75°   | 29.6   | 27.3   | 25.4   | 23.5   | 21.6   | 19.6   | 17.5  | 15.4  | 13.3  | 11.1  | 9.6   |
| -77.5° | 23.1   | 21.6   | 20.1   | 18.5   | 16.8   | 15.2   | 13.4  | 11.7  | 10.3  | 9.2   | 8.1   |
| -80°   | 17.1   | 15.9   | 14.6   | 13.4   | 12.1   | 10.8   | 9.9   | 9.1   | 8.2   | 7.4   | 6.5   |
| -82.5° | 11.0   | 10.4   | 9.8    | 9.3    | 8.7    | 8.1    | 7.5   | 6.8   | 6.2   | 5.5   | 4.9   |
| -85°   | 7.3    | 6.9    | 6.6    | 6.2    | 5.8    | 5.4    | 5.0   | 4.6   | 4.1   | 3.7   | 3.2   |
| -87.5° | 3.6    | 3.5    | 3.3    | 3.1    | 2.9    | 2.7    | 2.5   | 2.3   | 2.1   | 1.8   | 1.6   |
| -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: P1305416 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-4S-HEG-A

**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°  | 1.4   | 1.2   | 0.9  | 0.7   | 0.5  | 0.2   | 0.0 |
| 85°    | 2.8   | 2.3   | 1.9  | 1.4   | 0.9  | 0.5   | 0.0 |
| 82.5°  | 4.2   | 3.5   | 2.8  | 2.1   | 1.4  | 0.7   | 0.0 |
| 80°    | 5.6   | 4.7   | 3.7  | 2.8   | 1.9  | 0.9   | 0.0 |
| 77.5°  | 6.9   | 5.8   | 4.7  | 3.5   | 2.3  | 1.2   | 0.0 |
| 75°    | 8.3   | 6.9   | 5.6  | 4.2   | 2.8  | 1.4   | 0.0 |
| 72.5°  | 9.6   | 8.1   | 6.5  | 4.9   | 3.2  | 1.6   | 0.0 |
| 70°    | 11.1  | 9.2   | 7.4  | 5.5   | 3.7  | 1.8   | 0.0 |
| 67.5°  | 13.3  | 10.3  | 8.2  | 6.2   | 4.1  | 2.1   | 0.0 |
| 65°    | 15.4  | 11.7  | 9.1  | 6.8   | 4.6  | 2.3   | 0.0 |
| 62.5°  | 17.5  | 13.4  | 9.9  | 7.5   | 5.0  | 2.5   | 0.0 |
| 60°    | 19.6  | 15.2  | 10.8 | 8.1   | 5.4  | 2.7   | 0.0 |
| 57.5°  | 21.6  | 16.8  | 12.1 | 8.7   | 5.8  | 2.9   | 0.0 |
| 55°    | 23.5  | 18.5  | 13.4 | 9.3   | 6.2  | 3.1   | 0.0 |
| 52.5°  | 25.4  | 20.1  | 14.6 | 9.8   | 6.6  | 3.3   | 0.0 |
| 50°    | 27.3  | 21.6  | 15.9 | 10.4  | 6.9  | 3.5   | 0.0 |
| 47.5°  | 29.6  | 23.1  | 17.1 | 11.0  | 7.3  | 3.6   | 0.0 |
| 45°    | 35.1  | 24.5  | 18.2 | 11.9  | 7.6  | 3.8   | 0.0 |
| 42.5°  | 40.3  | 25.9  | 19.3 | 12.7  | 8.0  | 4.0   | 0.0 |
| 40°    | 45.3  | 27.2  | 20.3 | 13.5  | 8.3  | 4.1   | 0.0 |
| 37.5°  | 50.1  | 28.4  | 21.3 | 14.2  | 8.6  | 4.3   | 0.0 |
| 35°    | 54.6  | 31.2  | 22.2 | 14.9  | 8.8  | 4.4   | 0.0 |
| 32.5°  | 60.6  | 34.8  | 23.1 | 15.6  | 9.1  | 4.6   | 0.0 |
| 30°    | 70.3  | 38.1  | 23.9 | 16.2  | 9.4  | 4.7   | 0.0 |
| 27.5°  | 79.3  | 41.1  | 24.7 | 16.7  | 9.6  | 4.8   | 0.0 |
| 25°    | 87.5  | 43.9  | 25.4 | 17.3  | 9.8  | 4.9   | 0.0 |
| 22.5°  | 95.1  | 46.5  | 26.0 | 17.7  | 10.0 | 5.0   | 0.0 |
| 20°    | 101.9 | 48.8  | 26.6 | 18.2  | 10.1 | 5.1   | 0.0 |
| 17.5°  | 107.9 | 50.8  | 27.1 | 18.5  | 10.3 | 5.1   | 0.0 |
| 15°    | 113.1 | 52.6  | 27.6 | 18.9  | 10.4 | 5.2   | 0.0 |
| 12.5°  | 117.6 | 54.1  | 27.9 | 19.2  | 10.5 | 5.3   | 0.0 |
| 10°    | 121.3 | 55.4  | 28.2 | 19.4  | 10.6 | 5.3   | 0.0 |
| 7.5°   | 124.1 | 56.3  | 28.5 | 19.6  | 10.7 | 5.4   | 0.0 |
| 5°     | 126.2 | 57.0  | 28.7 | 19.7  | 10.8 | 5.4   | 0.0 |
| 2.5°   | 127.4 | 57.5  | 28.8 | 19.8  | 10.8 | 5.4   | 0.0 |
| 0°     | 127.8 | 57.6  | 28.8 | 19.8  | 10.8 | 5.4   | 0.0 |
| -2.5°  | 127.4 | 57.5  | 28.8 | 19.8  | 10.8 | 5.4   | 0.0 |
| -5°    | 126.2 | 57.0  | 28.7 | 19.7  | 10.8 | 5.4   | 0.0 |
| -7.5°  | 124.1 | 56.3  | 28.5 | 19.6  | 10.7 | 5.4   | 0.0 |
| -10°   | 121.3 | 55.4  | 28.2 | 19.4  | 10.6 | 5.3   | 0.0 |
| -12.5° | 117.6 | 54.1  | 27.9 | 19.2  | 10.5 | 5.3   | 0.0 |
| -15°   | 113.1 | 52.6  | 27.6 | 18.9  | 10.4 | 5.2   | 0.0 |
| -17.5° | 107.9 | 50.8  | 27.1 | 18.5  | 10.3 | 5.1   | 0.0 |
| -20°   | 101.9 | 48.8  | 26.6 | 18.2  | 10.1 | 5.1   | 0.0 |



REPORT NUMBER: P1305416 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680R-40-70-4S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 95.1 | 46.5  | 26.0 | 17.7  | 10.0 | 5.0   | 0.0 |
| -25°   | 87.5 | 43.9  | 25.4 | 17.3  | 9.8  | 4.9   | 0.0 |
| -27.5° | 79.3 | 41.1  | 24.7 | 16.7  | 9.6  | 4.8   | 0.0 |
| -30°   | 70.3 | 38.1  | 23.9 | 16.2  | 9.4  | 4.7   | 0.0 |
| -32.5° | 60.6 | 34.8  | 23.1 | 15.6  | 9.1  | 4.6   | 0.0 |
| -35°   | 54.6 | 31.2  | 22.2 | 14.9  | 8.8  | 4.4   | 0.0 |
| -37.5° | 50.1 | 28.4  | 21.3 | 14.2  | 8.6  | 4.3   | 0.0 |
| -40°   | 45.3 | 27.2  | 20.3 | 13.5  | 8.3  | 4.1   | 0.0 |
| -42.5° | 40.3 | 25.9  | 19.3 | 12.7  | 8.0  | 4.0   | 0.0 |
| -45°   | 35.1 | 24.5  | 18.2 | 11.9  | 7.6  | 3.8   | 0.0 |
| -47.5° | 29.6 | 23.1  | 17.1 | 11.0  | 7.3  | 3.6   | 0.0 |
| -50°   | 27.3 | 21.6  | 15.9 | 10.4  | 6.9  | 3.5   | 0.0 |
| -52.5° | 25.4 | 20.1  | 14.6 | 9.8   | 6.6  | 3.3   | 0.0 |
| -55°   | 23.5 | 18.5  | 13.4 | 9.3   | 6.2  | 3.1   | 0.0 |
| -57.5° | 21.6 | 16.8  | 12.1 | 8.7   | 5.8  | 2.9   | 0.0 |
| -60°   | 19.6 | 15.2  | 10.8 | 8.1   | 5.4  | 2.7   | 0.0 |
| -62.5° | 17.5 | 13.4  | 9.9  | 7.5   | 5.0  | 2.5   | 0.0 |
| -65°   | 15.4 | 11.7  | 9.1  | 6.8   | 4.6  | 2.3   | 0.0 |
| -67.5° | 13.3 | 10.3  | 8.2  | 6.2   | 4.1  | 2.1   | 0.0 |
| -70°   | 11.1 | 9.2   | 7.4  | 5.5   | 3.7  | 1.8   | 0.0 |
| -72.5° | 9.6  | 8.1   | 6.5  | 4.9   | 3.2  | 1.6   | 0.0 |
| -75°   | 8.3  | 6.9   | 5.6  | 4.2   | 2.8  | 1.4   | 0.0 |
| -77.5° | 6.9  | 5.8   | 4.7  | 3.5   | 2.3  | 1.2   | 0.0 |
| -80°   | 5.6  | 4.7   | 3.7  | 2.8   | 1.9  | 0.9   | 0.0 |
| -82.5° | 4.2  | 3.5   | 2.8  | 2.1   | 1.4  | 0.7   | 0.0 |
| -85°   | 2.8  | 2.3   | 1.9  | 1.4   | 0.9  | 0.5   | 0.0 |
| -87.5° | 1.4  | 1.2   | 0.9  | 0.7   | 0.5  | 0.2   | 0.0 |
| -90°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 |

(END OF REPORT)