

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: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0680R-57-80-5S-HEG-S**

Issue Date: 8/15/2023

**Test Information**

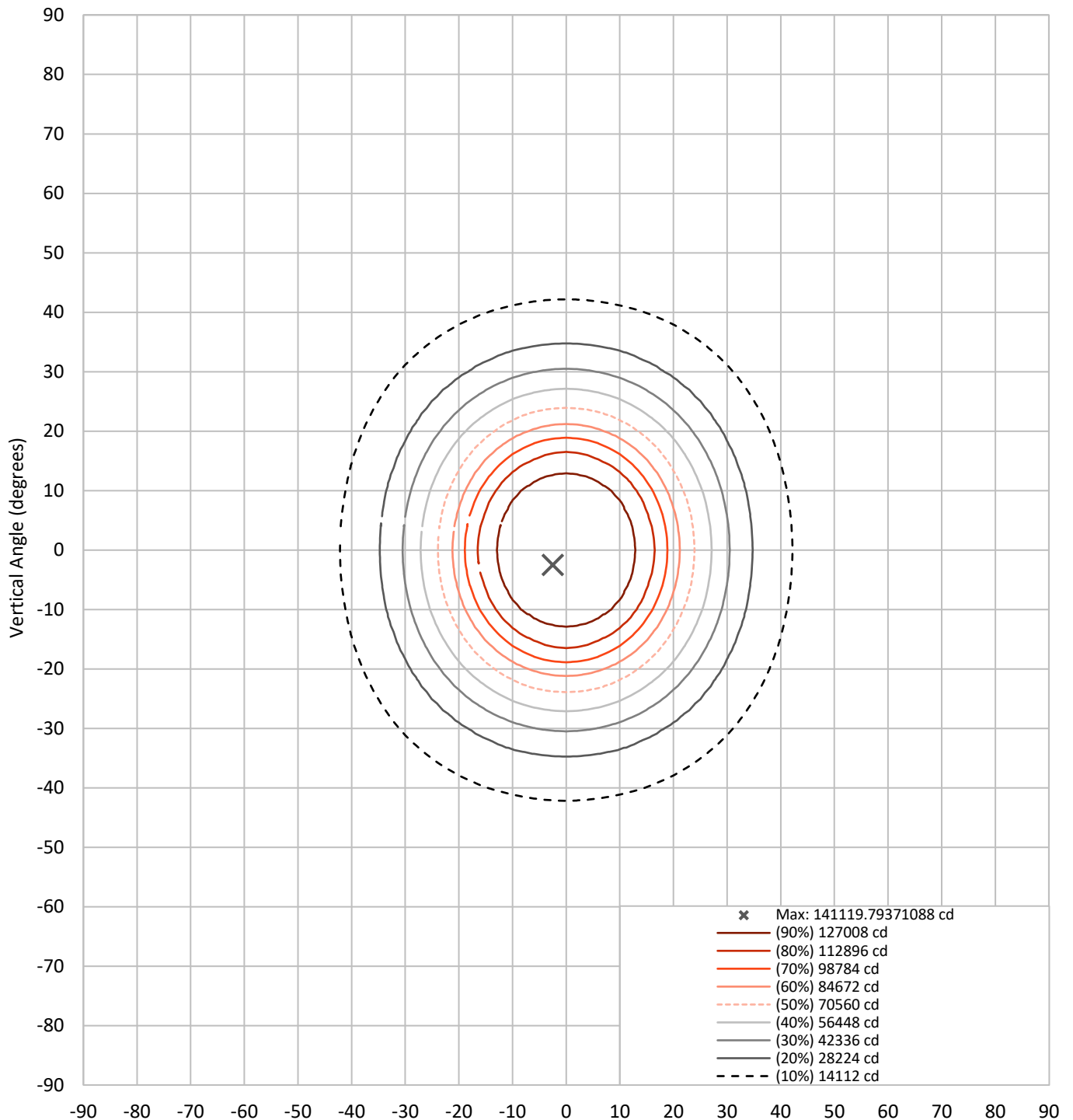
Test Method: LM-79-08  
Report Number: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 8/15/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-LS-08-0680R-57-80-5S-HEG-S  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 5S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                                      |                      |                  |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 5H x 5V          |
| Luminaire Lumens:                 | 103150.1 lumens                      | Max Intensity:       | 141119.8 candela |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | -2.5°H x -2.5°V  |
| Efficacy:                         | 147.9 lumens/watt                    |                      |                  |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%):                 | 47.6°H x 47.6°V                      | Field Angle (10%):   | 84.3°H x 84.3°V  |
| Beam Lumens:                      | 57867.1 lumens                       | Field Lumens:        | 96110.3 lumens   |
| Beam Efficiency:                  | 56.1%                                | Field Efficiency:    | 93.2%            |
| Input Watts (W):                  | 697.5                                |                      |                  |
| 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                                |                      |                  |

REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

### Iso-Candela Plot





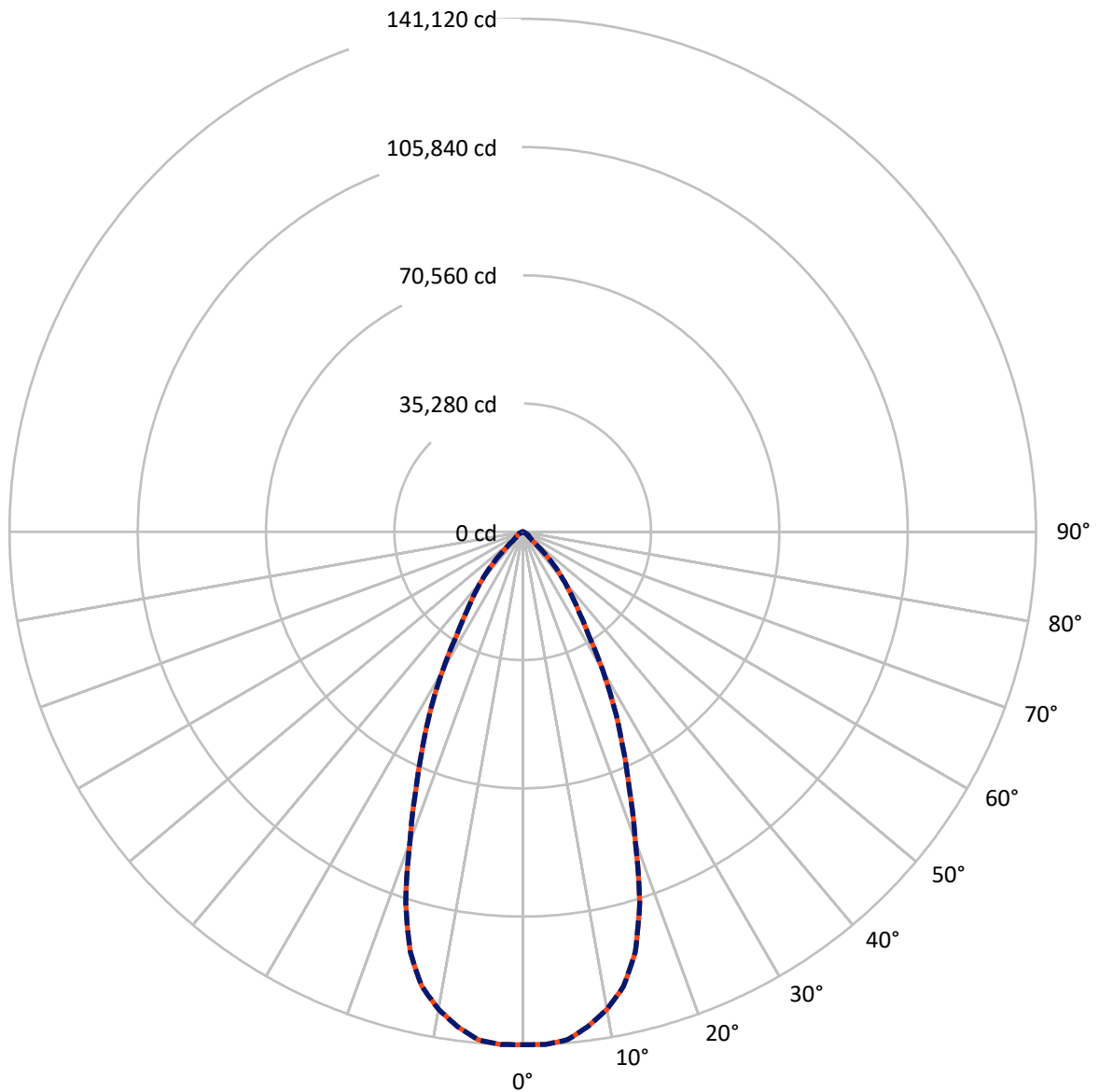
REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

### Lumen Table

|     |     |      |      |       |       |        |        |        |        |        |        |       |       |      |      |     |
|-----|-----|------|------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|------|------|-----|
| 90  | 0.1 | 1.0  | 3.3  | 7.0   | 8.9   | 7.0    | 3.3    | 1.0    | 0.1    |        |        |       |       |      |      |     |
| 80  | 0.1 | 1.0  | 3.3  | 7.0   | 8.9   | 7.0    | 3.3    | 1.0    | 0.1    |        |        |       |       |      |      |     |
| 70  | 0.4 | 0.5  | 1.7  | 4.5   | 9.1   | 14.9   | 20.1   | 23.1   | 23.1   | 20.1   | 14.9   | 9.1   | 4.5   | 1.7  | 0.5  | 0.4 |
| 60  |     | 1.3  | 5.2  | 14.2  | 27.8  | 42.4   | 53.4   | 59.3   | 59.3   | 53.4   | 42.4   | 27.8  | 14.2  | 5.2  | 1.3  |     |
| 50  | 1.1 | 2.8  | 11.6 | 29.5  | 50.9  | 91.8   | 187.0  | 263.2  | 263.2  | 187.0  | 91.8   | 50.9  | 29.5  | 11.6 | 2.8  | 1.1 |
| 40  |     | 4.9  | 19.7 | 44.1  | 128.0 | 387.5  | 654.3  | 838.3  | 838.3  | 654.3  | 387.5  | 128.0 | 44.1  | 19.7 | 4.9  |     |
| 30  | 2.0 | 7.2  | 27.2 | 72.5  | 352.1 | 801.1  | 1433.7 | 1924.3 | 1924.3 | 1433.7 | 801.1  | 352.1 | 72.5  | 27.2 | 7.2  | 2.0 |
| 20  |     | 9.2  | 32.1 | 140.1 | 558.5 | 1349.3 | 2507.3 | 3415.9 | 3415.9 | 2507.3 | 1349.3 | 558.5 | 140.1 | 32.1 | 9.2  |     |
| 10  | 2.4 | 10.2 | 34.5 | 191.6 | 694.9 | 1758.0 | 3316.4 | 4139.8 | 4139.8 | 3316.4 | 1758.0 | 694.9 | 191.6 | 34.5 | 10.2 | 2.4 |
| 0   |     | 10.2 | 34.5 | 191.6 | 694.9 | 1758.0 | 3316.4 | 4139.8 | 4139.8 | 3316.4 | 1758.0 | 694.9 | 191.6 | 34.5 | 10.2 |     |
| -10 | 2.0 | 9.2  | 32.1 | 140.1 | 558.5 | 1349.3 | 2507.3 | 3415.9 | 3415.9 | 2507.3 | 1349.3 | 558.5 | 140.1 | 32.1 | 9.2  | 2.0 |
| -20 |     | 7.2  | 27.2 | 72.5  | 352.1 | 801.1  | 1433.7 | 1924.3 | 1924.3 | 1433.7 | 801.1  | 352.1 | 72.5  | 27.2 | 7.2  |     |
| -30 | 1.1 | 4.9  | 19.7 | 44.1  | 128.0 | 387.5  | 654.3  | 838.3  | 838.3  | 654.3  | 387.5  | 128.0 | 44.1  | 19.7 | 4.9  | 1.1 |
| -40 |     | 2.8  | 11.6 | 29.5  | 50.9  | 91.8   | 187.0  | 263.2  | 263.2  | 187.0  | 91.8   | 50.9  | 29.5  | 11.6 | 2.8  |     |
| -50 | 0.4 | 1.3  | 5.2  | 14.2  | 27.8  | 42.4   | 53.4   | 59.3   | 59.3   | 53.4   | 42.4   | 27.8  | 14.2  | 5.2  | 1.3  | 0.4 |
| -60 |     | 0.5  | 1.7  | 4.5   | 9.1   | 14.9   | 20.1   | 23.1   | 23.1   | 20.1   | 14.9   | 9.1   | 4.5   | 1.7  | 0.5  |     |
| -70 | 0.1 | 1.0  | 3.3  | 7.0   | 8.9   | 7.0    | 3.3    | 1.0    | 0.1    |        |        |       |       |      |      |     |
| -80 |     | 0.1  | 1.0  | 3.3   | 7.0   | 8.9    | 7.0    | 3.3    | 1.0    | 0.1    |        |       |       |      |      |     |
| -90 | 0.1 | 1.0  | 3.3  | 7.0   | 8.9   | 7.0    | 3.3    | 1.0    | 0.1    |        |        |       |       |      |      |     |

REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

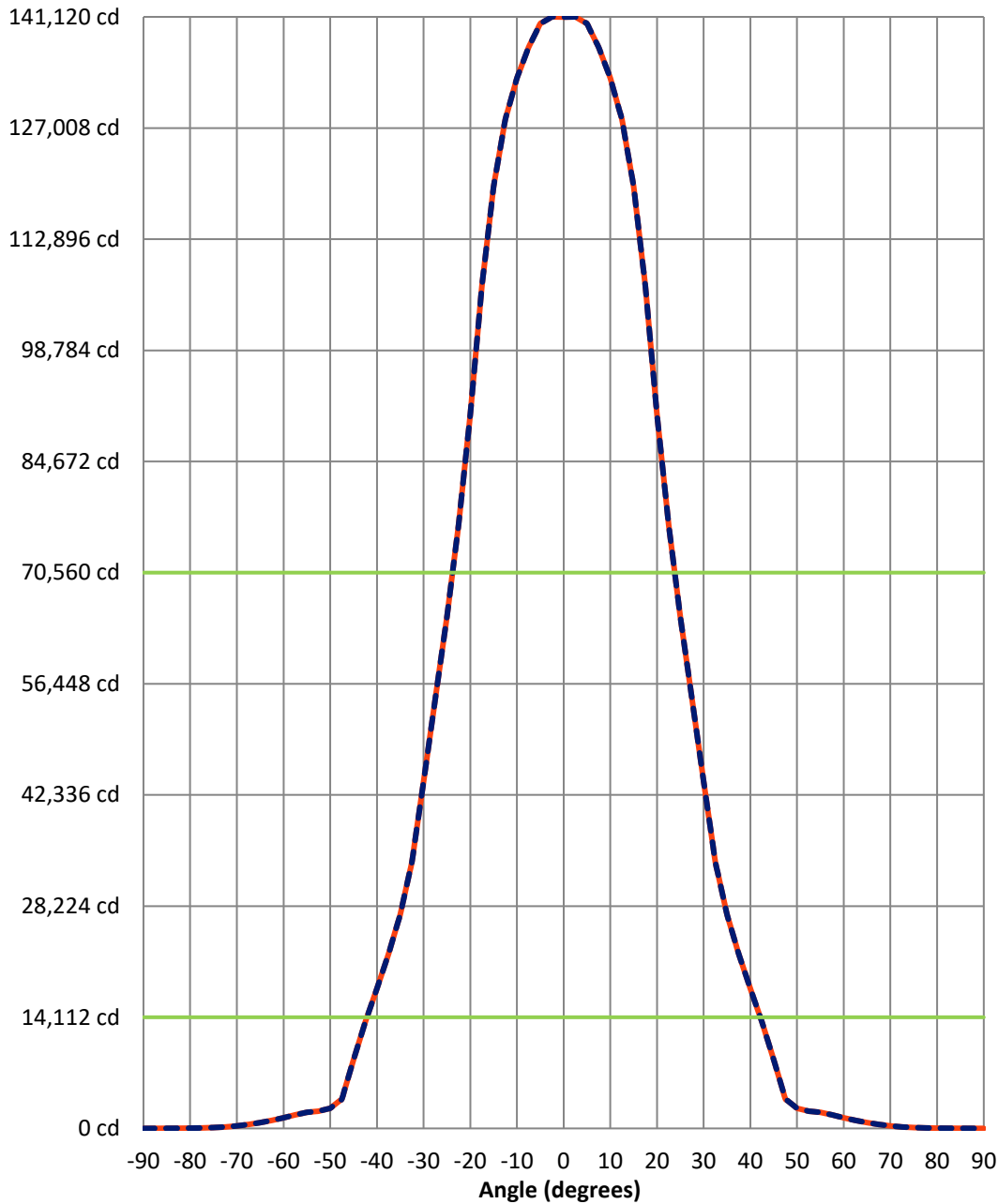
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

### Luminous Intensity Plot



**Beam:**  
H Angle: 47.6°  
V Angle: 47.6°  
Lumens: 57867.1  
Efficiency: 56.1%

**Field:**  
H Angle: 84.3°  
V Angle: 84.3°  
Lumens: 96110.3  
Efficiency: 93.2%

**Spill:**  
Lumens: 7039.8  
Efficiency: 6.8%

- Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

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  | 0.3    | 0.6  | 0.9    | 1.2  | 1.5    | 1.8   | 2.1    | 2.4   | 2.6    | 2.9   |
| 85°    | 0.0  | 0.6    | 1.2  | 1.8    | 2.4  | 3.0    | 3.6   | 4.1    | 4.7   | 5.3    | 5.8   |
| 82.5°  | 0.0  | 0.9    | 1.8  | 2.7    | 3.6  | 4.5    | 5.3   | 6.2    | 7.1   | 7.9    | 8.7   |
| 80°    | 0.0  | 1.2    | 2.4  | 3.6    | 4.8  | 5.9    | 7.1   | 8.2    | 9.4   | 10.5   | 11.5  |
| 77.5°  | 0.0  | 1.5    | 3.0  | 4.5    | 5.9  | 7.4    | 8.8   | 10.3   | 11.6  | 13.0   | 14.6  |
| 75°    | 0.0  | 1.8    | 3.6  | 5.3    | 7.1  | 8.8    | 10.5  | 12.2   | 14.0  | 16.1   | 18.1  |
| 72.5°  | 0.0  | 2.1    | 4.1  | 6.2    | 8.2  | 10.3   | 12.2  | 14.3   | 16.8  | 19.2   | 21.6  |
| 70°    | 0.0  | 2.4    | 4.7  | 7.1    | 9.4  | 11.6   | 14.0  | 16.8   | 19.6  | 22.4   | 26.2  |
| 67.5°  | 0.0  | 2.6    | 5.3  | 7.9    | 10.5 | 13.0   | 16.1  | 19.2   | 22.4  | 26.7   | 31.0  |
| 65°    | 0.0  | 2.9    | 5.8  | 8.7    | 11.5 | 14.6   | 18.1  | 21.6   | 26.2  | 31.0   | 37.5  |
| 62.5°  | 0.0  | 3.2    | 6.4  | 9.5    | 12.6 | 16.2   | 20.1  | 24.6   | 29.9  | 36.2   | 48.0  |
| 60°    | 0.0  | 3.4    | 6.9  | 10.3   | 13.6 | 17.9   | 22.1  | 27.8   | 33.6  | 45.6   | 58.4  |
| 57.5°  | 0.0  | 3.7    | 7.4  | 11.0   | 14.9 | 19.5   | 24.7  | 30.9   | 40.8  | 54.7   | 74.1  |
| 55°    | 0.0  | 4.0    | 7.9  | 11.8   | 16.2 | 21.0   | 27.3  | 34.0   | 48.7  | 65.3   | 92.0  |
| 52.5°  | 0.0  | 4.2    | 8.4  | 12.5   | 17.4 | 22.6   | 29.8  | 40.3   | 56.4  | 81.0   | 109.5 |
| 50°    | 0.0  | 4.4    | 8.8  | 13.2   | 18.5 | 24.7   | 32.3  | 46.8   | 65.7  | 96.2   | 133.3 |
| 47.5°  | 0.0  | 4.7    | 9.3  | 13.9   | 19.7 | 26.7   | 35.1  | 53.2   | 78.8  | 111.0  | 157.1 |
| 45°    | 0.0  | 4.9    | 9.7  | 14.7   | 20.8 | 28.6   | 40.3  | 59.3   | 91.4  | 131.5  | 180.1 |
| 42.5°  | 0.0  | 5.1    | 10.1 | 15.5   | 21.8 | 30.4   | 45.3  | 67.8   | 103.5 | 151.3  | 219.2 |
| 40°    | 0.0  | 5.3    | 10.5 | 16.2   | 23.0 | 32.1   | 50.0  | 77.9   | 116.7 | 170.2  | 259.4 |
| 37.5°  | 0.0  | 5.5    | 10.9 | 16.9   | 24.3 | 33.8   | 54.6  | 87.5   | 132.7 | 192.8  | 297.8 |
| 35°    | 0.0  | 5.7    | 11.2 | 17.6   | 25.6 | 36.6   | 58.9  | 96.6   | 147.9 | 225.4  | 339.3 |
| 32.5°  | 0.0  | 5.8    | 11.6 | 18.2   | 26.7 | 40.0   | 63.9  | 105.2  | 162.1 | 256.2  | 386.1 |
| 30°    | 0.0  | 6.0    | 11.9 | 18.8   | 27.8 | 43.1   | 70.7  | 114.0  | 175.5 | 284.9  | 429.9 |
| 27.5°  | 0.0  | 6.1    | 12.2 | 19.4   | 28.8 | 46.0   | 77.0  | 124.8  | 192.1 | 311.7  | 470.8 |
| 25°    | 0.0  | 6.3    | 12.4 | 19.9   | 29.8 | 48.7   | 82.9  | 134.8  | 213.9 | 342.2  | 508.9 |
| 22.5°  | 0.0  | 6.4    | 12.7 | 20.3   | 30.6 | 51.1   | 88.2  | 143.8  | 233.7 | 372.9  | 551.9 |
| 20°    | 0.0  | 6.5    | 12.9 | 20.7   | 31.4 | 53.3   | 93.0  | 152.0  | 251.6 | 400.6  | 590.7 |
| 17.5°  | 0.0  | 6.6    | 13.1 | 21.1   | 32.1 | 55.3   | 97.2  | 159.3  | 267.6 | 425.2  | 625.2 |
| 15°    | 0.0  | 6.7    | 13.2 | 21.4   | 32.6 | 57.0   | 100.9 | 165.6  | 281.4 | 446.7  | 655.4 |
| 12.5°  | 0.0  | 6.7    | 13.4 | 21.7   | 33.2 | 58.4   | 104.1 | 171.0  | 293.3 | 465.0  | 681.0 |
| 10°    | 0.0  | 6.8    | 13.5 | 21.9   | 33.6 | 59.6   | 106.7 | 175.4  | 303.0 | 480.0  | 702.1 |
| 7.5°   | 0.0  | 6.8    | 13.6 | 22.1   | 33.9 | 60.5   | 108.7 | 178.9  | 310.5 | 491.8  | 718.6 |
| 5°     | 0.0  | 6.9    | 13.6 | 22.2   | 34.1 | 61.2   | 110.1 | 181.3  | 316.0 | 500.2  | 730.4 |
| 2.5°   | 0.0  | 6.9    | 13.7 | 22.3   | 34.3 | 61.6   | 111.0 | 182.8  | 319.2 | 505.2  | 737.5 |
| 0°     | 0.0  | 6.9    | 13.7 | 22.3   | 34.3 | 61.7   | 111.3 | 183.3  | 320.3 | 506.9  | 739.9 |
| -2.5°  | 0.0  | 6.9    | 13.7 | 22.3   | 34.3 | 61.7   | 111.3 | 183.3  | 320.3 | 506.9  | 739.9 |
| -5°    | 0.0  | 6.9    | 13.6 | 22.2   | 34.1 | 61.2   | 110.1 | 181.3  | 316.0 | 500.2  | 730.4 |
| -7.5°  | 0.0  | 6.8    | 13.6 | 22.1   | 33.9 | 60.5   | 108.7 | 178.9  | 310.5 | 491.8  | 718.6 |
| -10°   | 0.0  | 6.8    | 13.5 | 21.9   | 33.6 | 59.6   | 106.7 | 175.4  | 303.0 | 480.0  | 702.1 |
| -12.5° | 0.0  | 6.7    | 13.4 | 21.7   | 33.2 | 58.4   | 104.1 | 171.0  | 293.3 | 465.0  | 681.0 |
| -15°   | 0.0  | 6.7    | 13.2 | 21.4   | 32.6 | 57.0   | 100.9 | 165.6  | 281.4 | 446.7  | 655.4 |
| -17.5° | 0.0  | 6.6    | 13.1 | 21.1   | 32.1 | 55.3   | 97.2  | 159.3  | 267.6 | 425.2  | 625.2 |
| -20°   | 0.0  | 6.5    | 12.9 | 20.7   | 31.4 | 53.3   | 93.0  | 152.0  | 251.6 | 400.6  | 590.7 |



REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 0.0  | 6.4    | 12.7 | 20.3   | 30.6 | 51.1   | 88.2 | 143.8  | 233.7 | 372.9  | 551.9 |
| -25°   | 0.0  | 6.3    | 12.4 | 19.9   | 29.8 | 48.7   | 82.9 | 134.8  | 213.9 | 342.2  | 508.9 |
| -27.5° | 0.0  | 6.1    | 12.2 | 19.4   | 28.8 | 46.0   | 77.0 | 124.8  | 192.1 | 311.7  | 470.8 |
| -30°   | 0.0  | 6.0    | 11.9 | 18.8   | 27.8 | 43.1   | 70.7 | 114.0  | 175.5 | 284.9  | 429.9 |
| -32.5° | 0.0  | 5.8    | 11.6 | 18.2   | 26.7 | 40.0   | 63.9 | 105.2  | 162.1 | 256.2  | 386.1 |
| -35°   | 0.0  | 5.7    | 11.2 | 17.6   | 25.6 | 36.6   | 58.9 | 96.6   | 147.9 | 225.4  | 339.3 |
| -37.5° | 0.0  | 5.5    | 10.9 | 16.9   | 24.3 | 33.8   | 54.6 | 87.5   | 132.7 | 192.8  | 297.8 |
| -40°   | 0.0  | 5.3    | 10.5 | 16.2   | 23.0 | 32.1   | 50.0 | 77.9   | 116.7 | 170.2  | 259.4 |
| -42.5° | 0.0  | 5.1    | 10.1 | 15.5   | 21.8 | 30.4   | 45.3 | 67.8   | 103.5 | 151.3  | 219.2 |
| -45°   | 0.0  | 4.9    | 9.7  | 14.7   | 20.8 | 28.6   | 40.3 | 59.3   | 91.4  | 131.5  | 180.1 |
| -47.5° | 0.0  | 4.7    | 9.3  | 13.9   | 19.7 | 26.7   | 35.1 | 53.2   | 78.8  | 111.0  | 157.1 |
| -50°   | 0.0  | 4.4    | 8.8  | 13.2   | 18.5 | 24.7   | 32.3 | 46.8   | 65.7  | 96.2   | 133.3 |
| -52.5° | 0.0  | 4.2    | 8.4  | 12.5   | 17.4 | 22.6   | 29.8 | 40.3   | 56.4  | 81.0   | 109.5 |
| -55°   | 0.0  | 4.0    | 7.9  | 11.8   | 16.2 | 21.0   | 27.3 | 34.0   | 48.7  | 65.3   | 92.0  |
| -57.5° | 0.0  | 3.7    | 7.4  | 11.0   | 14.9 | 19.5   | 24.7 | 30.9   | 40.8  | 54.7   | 74.1  |
| -60°   | 0.0  | 3.4    | 6.9  | 10.3   | 13.6 | 17.9   | 22.1 | 27.8   | 33.6  | 45.6   | 58.4  |
| -62.5° | 0.0  | 3.2    | 6.4  | 9.5    | 12.6 | 16.2   | 20.1 | 24.6   | 29.9  | 36.2   | 48.0  |
| -65°   | 0.0  | 2.9    | 5.8  | 8.7    | 11.5 | 14.6   | 18.1 | 21.6   | 26.2  | 31.0   | 37.5  |
| -67.5° | 0.0  | 2.6    | 5.3  | 7.9    | 10.5 | 13.0   | 16.1 | 19.2   | 22.4  | 26.7   | 31.0  |
| -70°   | 0.0  | 2.4    | 4.7  | 7.1    | 9.4  | 11.6   | 14.0 | 16.8   | 19.6  | 22.4   | 26.2  |
| -72.5° | 0.0  | 2.1    | 4.1  | 6.2    | 8.2  | 10.3   | 12.2 | 14.3   | 16.8  | 19.2   | 21.6  |
| -75°   | 0.0  | 1.8    | 3.6  | 5.3    | 7.1  | 8.8    | 10.5 | 12.2   | 14.0  | 16.1   | 18.1  |
| -77.5° | 0.0  | 1.5    | 3.0  | 4.5    | 5.9  | 7.4    | 8.8  | 10.3   | 11.6  | 13.0   | 14.6  |
| -80°   | 0.0  | 1.2    | 2.4  | 3.6    | 4.8  | 5.9    | 7.1  | 8.2    | 9.4   | 10.5   | 11.5  |
| -82.5° | 0.0  | 0.9    | 1.8  | 2.7    | 3.6  | 4.5    | 5.3  | 6.2    | 7.1   | 7.9    | 8.7   |
| -85°   | 0.0  | 0.6    | 1.2  | 1.8    | 2.4  | 3.0    | 3.6  | 4.1    | 4.7   | 5.3    | 5.8   |
| -87.5° | 0.0  | 0.3    | 0.6  | 0.9    | 1.2  | 1.5    | 1.8  | 2.1    | 2.4   | 2.6    | 2.9   |
| -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: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-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°  | 3.2    | 3.4    | 3.7    | 4.0    | 4.2    | 4.4    | 4.7    | 4.9    | 5.1     | 5.3     | 5.5     |
| 85°    | 6.4    | 6.9    | 7.4    | 7.9    | 8.4    | 8.8    | 9.3    | 9.7    | 10.1    | 10.5    | 10.9    |
| 82.5°  | 9.5    | 10.3   | 11.0   | 11.8   | 12.5   | 13.2   | 13.9   | 14.7   | 15.5    | 16.2    | 16.9    |
| 80°    | 12.6   | 13.6   | 14.9   | 16.2   | 17.4   | 18.5   | 19.7   | 20.8   | 21.8    | 23.0    | 24.3    |
| 77.5°  | 16.2   | 17.9   | 19.5   | 21.0   | 22.6   | 24.7   | 26.7   | 28.6   | 30.4    | 32.1    | 33.8    |
| 75°    | 20.1   | 22.1   | 24.7   | 27.3   | 29.8   | 32.3   | 35.1   | 40.3   | 45.3    | 50.0    | 54.6    |
| 72.5°  | 24.6   | 27.8   | 30.9   | 34.0   | 40.3   | 46.8   | 53.2   | 59.3   | 67.8    | 77.9    | 87.5    |
| 70°    | 29.9   | 33.6   | 40.8   | 48.7   | 56.4   | 65.7   | 78.8   | 91.4   | 103.5   | 116.7   | 132.7   |
| 67.5°  | 36.2   | 45.6   | 54.7   | 65.3   | 81.0   | 96.2   | 111.0  | 131.5  | 151.3   | 170.2   | 192.8   |
| 65°    | 48.0   | 58.4   | 74.1   | 92.0   | 109.5  | 133.3  | 157.1  | 180.1  | 219.2   | 259.4   | 297.8   |
| 62.5°  | 59.6   | 78.5   | 98.7   | 121.6  | 149.5  | 176.6  | 220.4  | 268.6  | 315.0   | 373.7   | 431.5   |
| 60°    | 78.5   | 100.9  | 128.1  | 159.3  | 195.4  | 251.6  | 306.2  | 372.9  | 442.1   | 508.9   | 588.0   |
| 57.5°  | 98.7   | 128.1  | 162.6  | 207.9  | 270.5  | 335.6  | 416.2  | 494.2  | 584.9   | 675.1   | 766.2   |
| 55°    | 121.6  | 159.3  | 207.9  | 276.9  | 352.9  | 442.3  | 534.8  | 639.9  | 741.8   | 861.0   | 975.1   |
| 52.5°  | 149.5  | 195.4  | 270.5  | 352.9  | 451.1  | 556.8  | 673.2  | 796.4  | 929.6   | 1063.2  | 1205.6  |
| 50°    | 176.6  | 251.6  | 335.6  | 442.3  | 556.8  | 684.4  | 823.9  | 971.2  | 1127.9  | 1287.1  | 1451.7  |
| 47.5°  | 220.4  | 306.2  | 416.2  | 534.8  | 673.2  | 823.9  | 985.1  | 1160.5 | 1336.5  | 1527.3  | 1713.0  |
| 45°    | 268.6  | 372.9  | 494.2  | 639.9  | 796.4  | 971.2  | 1160.5 | 1353.0 | 1565.4  | 1764.7  | 1935.5  |
| 42.5°  | 315.0  | 442.1  | 584.9  | 741.8  | 929.6  | 1127.9 | 1336.5 | 1565.4 | 1781.4  | 1969.4  | 2094.2  |
| 40°    | 373.7  | 508.9  | 675.1  | 861.0  | 1063.2 | 1287.1 | 1527.3 | 1764.7 | 1969.4  | 2101.9  | 2188.0  |
| 37.5°  | 431.5  | 588.0  | 766.2  | 975.1  | 1205.6 | 1451.7 | 1713.0 | 1935.5 | 2094.2  | 2188.0  | 2417.2  |
| 35°    | 486.4  | 663.3  | 866.4  | 1093.2 | 1341.4 | 1617.7 | 1868.2 | 2071.1 | 2172.2  | 2396.3  | 2821.2  |
| 32.5°  | 546.0  | 734.5  | 961.2  | 1212.3 | 1486.3 | 1768.7 | 2014.2 | 2141.0 | 2333.9  | 2683.9  | 3525.1  |
| 30°    | 606.7  | 814.8  | 1054.5 | 1324.6 | 1624.3 | 1897.1 | 2094.8 | 2231.2 | 2517.8  | 3315.1  | 5587.4  |
| 27.5°  | 663.3  | 890.9  | 1150.8 | 1439.9 | 1749.9 | 2017.6 | 2152.9 | 2393.0 | 2969.8  | 4382.1  | 8279.3  |
| 25°    | 715.6  | 961.2  | 1240.0 | 1550.4 | 1853.3 | 2084.6 | 2230.4 | 2544.0 | 3491.6  | 6745.4  | 10689.6 |
| 22.5°  | 768.6  | 1025.8 | 1321.7 | 1651.7 | 1948.3 | 2130.7 | 2359.6 | 2944.7 | 4646.2  | 8932.2  | 12900.9 |
| 20°    | 821.3  | 1093.2 | 1401.5 | 1741.2 | 2034.5 | 2172.5 | 2477.3 | 3353.7 | 6510.3  | 10819.0 | 14792.0 |
| 17.5°  | 868.2  | 1153.1 | 1476.4 | 1811.8 | 2076.6 | 2238.4 | 2620.7 | 3721.0 | 8187.9  | 12521.1 | 16436.5 |
| 15°    | 909.1  | 1205.6 | 1541.9 | 1873.7 | 2106.8 | 2323.8 | 2918.9 | 4941.2 | 9617.2  | 13980.8 | 17896.4 |
| 12.5°  | 944.1  | 1250.3 | 1597.8 | 1926.5 | 2132.6 | 2396.8 | 3174.3 | 6113.2 | 10811.8 | 15140.8 | 19207.4 |
| 10°    | 972.8  | 1287.1 | 1643.8 | 1970.1 | 2153.9 | 2457.1 | 3385.5 | 7083.6 | 11802.6 | 16104.7 | 20299.1 |
| 7.5°   | 995.2  | 1315.8 | 1679.8 | 2004.2 | 2170.6 | 2504.4 | 3551.2 | 7845.8 | 12581.8 | 16863.9 | 21160.6 |
| 5°     | 1011.3 | 1336.5 | 1705.7 | 2028.7 | 2182.6 | 2538.3 | 3670.3 | 8394.3 | 13143.1 | 17411.5 | 21783.0 |
| 2.5°   | 1021.0 | 1348.9 | 1721.2 | 2043.4 | 2189.8 | 2558.8 | 3742.1 | 8725.1 | 13481.9 | 17742.2 | 22159.2 |
| 0°     | 1024.2 | 1353.0 | 1726.4 | 2048.3 | 2192.2 | 2565.6 | 3766.1 | 8835.6 | 13595.1 | 17852.8 | 22285.1 |
| -2.5°  | 1021.0 | 1348.9 | 1721.2 | 2043.4 | 2189.8 | 2558.8 | 3742.1 | 8725.1 | 13481.9 | 17742.2 | 22159.2 |
| -5°    | 1011.3 | 1336.5 | 1705.7 | 2028.7 | 2182.6 | 2538.3 | 3670.3 | 8394.3 | 13143.1 | 17411.5 | 21783.0 |
| -7.5°  | 995.2  | 1315.8 | 1679.8 | 2004.2 | 2170.6 | 2504.4 | 3551.2 | 7845.8 | 12581.8 | 16863.9 | 21160.6 |
| -10°   | 972.8  | 1287.1 | 1643.8 | 1970.1 | 2153.9 | 2457.1 | 3385.5 | 7083.6 | 11802.6 | 16104.7 | 20299.1 |
| -12.5° | 944.1  | 1250.3 | 1597.8 | 1926.5 | 2132.6 | 2396.8 | 3174.3 | 6113.2 | 10811.8 | 15140.8 | 19207.4 |
| -15°   | 909.1  | 1205.6 | 1541.9 | 1873.7 | 2106.8 | 2323.8 | 2918.9 | 4941.2 | 9617.2  | 13980.8 | 17896.4 |
| -17.5° | 868.2  | 1153.1 | 1476.4 | 1811.8 | 2076.6 | 2238.4 | 2620.7 | 3721.0 | 8187.9  | 12521.1 | 16436.5 |
| -20°   | 821.3  | 1093.2 | 1401.5 | 1741.2 | 2034.5 | 2172.5 | 2477.3 | 3353.7 | 6510.3  | 10819.0 | 14792.0 |



REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°   | -57.5° | -55°   | -52.5° | -50°   | -47.5° | -45°   | -42.5° | -40°   | -37.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| -22.5° | 768.6  | 1025.8 | 1321.7 | 1651.7 | 1948.3 | 2130.7 | 2359.6 | 2944.7 | 4646.2 | 8932.2 | 12900.9 |
| -25°   | 715.6  | 961.2  | 1240.0 | 1550.4 | 1853.3 | 2084.6 | 2230.4 | 2544.0 | 3491.6 | 6745.4 | 10689.6 |
| -27.5° | 663.3  | 890.9  | 1150.8 | 1439.9 | 1749.9 | 2017.6 | 2152.9 | 2393.0 | 2969.8 | 4382.1 | 8279.3  |
| -30°   | 606.7  | 814.8  | 1054.5 | 1324.6 | 1624.3 | 1897.1 | 2094.8 | 2231.2 | 2517.8 | 3315.1 | 5587.4  |
| -32.5° | 546.0  | 734.5  | 961.2  | 1212.3 | 1486.3 | 1768.7 | 2014.2 | 2141.0 | 2333.9 | 2683.9 | 3525.1  |
| -35°   | 486.4  | 663.3  | 866.4  | 1093.2 | 1341.4 | 1617.7 | 1868.2 | 2071.1 | 2172.2 | 2396.3 | 2821.2  |
| -37.5° | 431.5  | 588.0  | 766.2  | 975.1  | 1205.6 | 1451.7 | 1713.0 | 1935.5 | 2094.2 | 2188.0 | 2417.2  |
| -40°   | 373.7  | 508.9  | 675.1  | 861.0  | 1063.2 | 1287.1 | 1527.3 | 1764.7 | 1969.4 | 2101.9 | 2188.0  |
| -42.5° | 315.0  | 442.1  | 584.9  | 741.8  | 929.6  | 1127.9 | 1336.5 | 1565.4 | 1781.4 | 1969.4 | 2094.2  |
| -45°   | 268.6  | 372.9  | 494.2  | 639.9  | 796.4  | 971.2  | 1160.5 | 1353.0 | 1565.4 | 1764.7 | 1935.5  |
| -47.5° | 220.4  | 306.2  | 416.2  | 534.8  | 673.2  | 823.9  | 985.1  | 1160.5 | 1336.5 | 1527.3 | 1713.0  |
| -50°   | 176.6  | 251.6  | 335.6  | 442.3  | 556.8  | 684.4  | 823.9  | 971.2  | 1127.9 | 1287.1 | 1451.7  |
| -52.5° | 149.5  | 195.4  | 270.5  | 352.9  | 451.1  | 556.8  | 673.2  | 796.4  | 929.6  | 1063.2 | 1205.6  |
| -55°   | 121.6  | 159.3  | 207.9  | 276.9  | 352.9  | 442.3  | 534.8  | 639.9  | 741.8  | 861.0  | 975.1   |
| -57.5° | 98.7   | 128.1  | 162.6  | 207.9  | 270.5  | 335.6  | 416.2  | 494.2  | 584.9  | 675.1  | 766.2   |
| -60°   | 78.5   | 100.9  | 128.1  | 159.3  | 195.4  | 251.6  | 306.2  | 372.9  | 442.1  | 508.9  | 588.0   |
| -62.5° | 59.6   | 78.5   | 98.7   | 121.6  | 149.5  | 176.6  | 220.4  | 268.6  | 315.0  | 373.7  | 431.5   |
| -65°   | 48.0   | 58.4   | 74.1   | 92.0   | 109.5  | 133.3  | 157.1  | 180.1  | 219.2  | 259.4  | 297.8   |
| -67.5° | 36.2   | 45.6   | 54.7   | 65.3   | 81.0   | 96.2   | 111.0  | 131.5  | 151.3  | 170.2  | 192.8   |
| -70°   | 29.9   | 33.6   | 40.8   | 48.7   | 56.4   | 65.7   | 78.8   | 91.4   | 103.5  | 116.7  | 132.7   |
| -72.5° | 24.6   | 27.8   | 30.9   | 34.0   | 40.3   | 46.8   | 53.2   | 59.3   | 67.8   | 77.9   | 87.5    |
| -75°   | 20.1   | 22.1   | 24.7   | 27.3   | 29.8   | 32.3   | 35.1   | 40.3   | 45.3   | 50.0   | 54.6    |
| -77.5° | 16.2   | 17.9   | 19.5   | 21.0   | 22.6   | 24.7   | 26.7   | 28.6   | 30.4   | 32.1   | 33.8    |
| -80°   | 12.6   | 13.6   | 14.9   | 16.2   | 17.4   | 18.5   | 19.7   | 20.8   | 21.8   | 23.0   | 24.3    |
| -82.5° | 9.5    | 10.3   | 11.0   | 11.8   | 12.5   | 13.2   | 13.9   | 14.7   | 15.5   | 16.2   | 16.9    |
| -85°   | 6.4    | 6.9    | 7.4    | 7.9    | 8.4    | 8.8    | 9.3    | 9.7    | 10.1   | 10.5   | 10.9    |
| -87.5° | 3.2    | 3.4    | 3.7    | 4.0    | 4.2    | 4.4    | 4.7    | 4.9    | 5.1    | 5.3    | 5.5     |
| -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: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**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°  | 5.7     | 5.8     | 6.0     | 6.1     | 6.3     | 6.4     | 6.5     | 6.6      | 6.7      | 6.7      | 6.8      |
| 85°    | 11.2    | 11.6    | 11.9    | 12.2    | 12.4    | 12.7    | 12.9    | 13.1     | 13.2     | 13.4     | 13.5     |
| 82.5°  | 17.6    | 18.2    | 18.8    | 19.4    | 19.9    | 20.3    | 20.7    | 21.1     | 21.4     | 21.7     | 21.9     |
| 80°    | 25.6    | 26.7    | 27.8    | 28.8    | 29.8    | 30.6    | 31.4    | 32.1     | 32.6     | 33.2     | 33.6     |
| 77.5°  | 36.6    | 40.0    | 43.1    | 46.0    | 48.7    | 51.1    | 53.3    | 55.3     | 57.0     | 58.4     | 59.6     |
| 75°    | 58.9    | 63.9    | 70.7    | 77.0    | 82.9    | 88.2    | 93.0    | 97.2     | 100.9    | 104.1    | 106.7    |
| 72.5°  | 96.6    | 105.2   | 114.0   | 124.8   | 134.8   | 143.8   | 152.0   | 159.3    | 165.6    | 171.0    | 175.4    |
| 70°    | 147.9   | 162.1   | 175.5   | 192.1   | 213.9   | 233.7   | 251.6   | 267.6    | 281.4    | 293.3    | 303.0    |
| 67.5°  | 225.4   | 256.2   | 284.9   | 311.7   | 342.2   | 372.9   | 400.6   | 425.2    | 446.7    | 465.0    | 480.0    |
| 65°    | 339.3   | 386.1   | 429.9   | 470.8   | 508.9   | 551.9   | 590.7   | 625.2    | 655.4    | 681.0    | 702.1    |
| 62.5°  | 486.4   | 546.0   | 606.7   | 663.3   | 715.6   | 768.6   | 821.3   | 868.2    | 909.1    | 944.1    | 972.8    |
| 60°    | 663.3   | 734.5   | 814.8   | 890.9   | 961.2   | 1025.8  | 1093.2  | 1153.1   | 1205.6   | 1250.3   | 1287.1   |
| 57.5°  | 866.4   | 961.2   | 1054.5  | 1150.8  | 1240.0  | 1321.7  | 1401.5  | 1476.4   | 1541.9   | 1597.8   | 1643.8   |
| 55°    | 1093.2  | 1212.3  | 1324.6  | 1439.9  | 1550.4  | 1651.7  | 1741.2  | 1811.8   | 1873.7   | 1926.5   | 1970.1   |
| 52.5°  | 1341.4  | 1486.3  | 1624.3  | 1749.9  | 1853.3  | 1948.3  | 2034.5  | 2076.6   | 2106.8   | 2132.6   | 2153.9   |
| 50°    | 1617.7  | 1768.7  | 1897.1  | 2017.6  | 2084.6  | 2130.7  | 2172.5  | 2238.4   | 2323.8   | 2396.8   | 2457.1   |
| 47.5°  | 1868.2  | 2014.2  | 2094.8  | 2152.9  | 2230.4  | 2359.6  | 2477.3  | 2620.7   | 2918.9   | 3174.3   | 3385.5   |
| 45°    | 2071.1  | 2141.0  | 2231.2  | 2393.0  | 2544.0  | 2944.7  | 3353.7  | 3721.0   | 4941.2   | 6113.2   | 7083.6   |
| 42.5°  | 2172.2  | 2333.9  | 2517.8  | 2969.8  | 3491.6  | 4646.2  | 6510.3  | 8187.9   | 9617.2   | 10811.8  | 11802.6  |
| 40°    | 2396.3  | 2683.9  | 3315.1  | 4382.1  | 6745.4  | 8932.2  | 10819.0 | 12521.1  | 13980.8  | 15140.8  | 16104.7  |
| 37.5°  | 2821.2  | 3525.1  | 5587.4  | 8279.3  | 10689.6 | 12900.9 | 14792.0 | 16436.5  | 17896.4  | 19207.4  | 20299.1  |
| 35°    | 3595.7  | 6196.8  | 9190.9  | 11885.2 | 14338.7 | 16460.9 | 18440.6 | 20289.1  | 21933.3  | 23501.6  | 24850.5  |
| 32.5°  | 6196.8  | 9485.8  | 12490.5 | 15171.9 | 17599.3 | 19956.7 | 22147.6 | 24393.4  | 26414.7  | 28463.4  | 30435.7  |
| 30°    | 9190.9  | 12490.5 | 15452.1 | 18190.0 | 20884.7 | 23572.3 | 26244.8 | 29158.0  | 32095.9  | 34985.6  | 38297.7  |
| 27.5°  | 11885.2 | 15171.9 | 18190.0 | 21197.2 | 24305.8 | 27404.9 | 31254.1 | 35190.2  | 40089.4  | 44386.7  | 48086.6  |
| 25°    | 14338.7 | 17599.3 | 20884.7 | 24305.8 | 27918.9 | 32322.4 | 37745.4 | 43618.3  | 49029.3  | 53817.7  | 57863.0  |
| 22.5°  | 16460.9 | 19956.7 | 23572.3 | 27404.9 | 32322.4 | 38609.3 | 45443.4 | 51909.0  | 57788.7  | 62993.5  | 67716.5  |
| 20°    | 18440.6 | 22147.6 | 26244.8 | 31254.1 | 37745.4 | 45443.4 | 52885.6 | 59826.6  | 66304.1  | 72777.6  | 78587.5  |
| 17.5°  | 20289.1 | 24393.4 | 29158.0 | 35190.2 | 43618.3 | 51909.0 | 59826.6 | 67541.4  | 75401.4  | 83572.7  | 91038.3  |
| 15°    | 21933.3 | 26414.7 | 32095.9 | 40089.4 | 49029.3 | 57788.7 | 66304.1 | 75401.4  | 85282.6  | 95249.3  | 105022.8 |
| 12.5°  | 23501.6 | 28463.4 | 34985.6 | 44386.7 | 53817.7 | 62993.5 | 72777.6 | 83572.7  | 95249.3  | 107396.6 | 115794.6 |
| 10°    | 24850.5 | 30435.7 | 38297.7 | 48086.6 | 57863.0 | 67716.5 | 78587.5 | 91038.3  | 105022.8 | 115794.6 | 123871.9 |
| 7.5°   | 25917.5 | 32000.0 | 40933.8 | 51043.9 | 61105.9 | 71797.1 | 84058.6 | 98177.1  | 111936.6 | 122244.3 | 128773.2 |
| 5°     | 26689.6 | 33134.5 | 42850.8 | 53202.0 | 63482.9 | 74805.5 | 88123.3 | 103593.5 | 116615.6 | 125996.1 | 131746.9 |
| 2.5°   | 27157.0 | 33822.3 | 44015.2 | 54516.1 | 64935.0 | 76651.1 | 90631.5 | 106963.2 | 119561.6 | 128074.7 | 133344.2 |
| 0°     | 27313.5 | 34052.8 | 44405.8 | 54957.5 | 65423.5 | 77273.4 | 91479.9 | 108108.1 | 120569.4 | 128713.1 | 133890.5 |
| -2.5°  | 27157.0 | 33822.3 | 44015.2 | 54516.1 | 64935.0 | 76651.1 | 90631.5 | 106963.2 | 119561.6 | 128074.7 | 133344.2 |
| -5°    | 26689.6 | 33134.5 | 42850.8 | 53202.0 | 63482.9 | 74805.5 | 88123.3 | 103593.5 | 116615.6 | 125996.1 | 131746.9 |
| -7.5°  | 25917.5 | 32000.0 | 40933.8 | 51043.9 | 61105.9 | 71797.1 | 84058.6 | 98177.1  | 111936.6 | 122244.3 | 128773.2 |
| -10°   | 24850.5 | 30435.7 | 38297.7 | 48086.6 | 57863.0 | 67716.5 | 78587.5 | 91038.3  | 105022.8 | 115794.6 | 123871.9 |
| -12.5° | 23501.6 | 28463.4 | 34985.6 | 44386.7 | 53817.7 | 62993.5 | 72777.6 | 83572.7  | 95249.3  | 107396.6 | 115794.6 |
| -15°   | 21933.3 | 26414.7 | 32095.9 | 40089.4 | 49029.3 | 57788.7 | 66304.1 | 75401.4  | 85282.6  | 95249.3  | 105022.8 |
| -17.5° | 20289.1 | 24393.4 | 29158.0 | 35190.2 | 43618.3 | 51909.0 | 59826.6 | 67541.4  | 75401.4  | 83572.7  | 91038.3  |
| -20°   | 18440.6 | 22147.6 | 26244.8 | 31254.1 | 37745.4 | 45443.4 | 52885.6 | 59826.6  | 66304.1  | 72777.6  | 78587.5  |



REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | -35°    | -32.5°  | -30°    | -27.5°  | -25°    | -22.5°  | -20°    | -17.5°  | -15°    | -12.5°  | -10°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 16460.9 | 19956.7 | 23572.3 | 27404.9 | 32322.4 | 38609.3 | 45443.4 | 51909.0 | 57788.7 | 62993.5 | 67716.5 |
| -25°   | 14338.7 | 17599.3 | 20884.7 | 24305.8 | 27918.9 | 32322.4 | 37745.4 | 43618.3 | 49029.3 | 53817.7 | 57863.0 |
| -27.5° | 11885.2 | 15171.9 | 18190.0 | 21197.2 | 24305.8 | 27404.9 | 31254.1 | 35190.2 | 40089.4 | 44386.7 | 48086.6 |
| -30°   | 9190.9  | 12490.5 | 15452.1 | 18190.0 | 20884.7 | 23572.3 | 26244.8 | 29158.0 | 32095.9 | 34985.6 | 38297.7 |
| -32.5° | 6196.8  | 9485.8  | 12490.5 | 15171.9 | 17599.3 | 19956.7 | 22147.6 | 24393.4 | 26414.7 | 28463.4 | 30435.7 |
| -35°   | 3595.7  | 6196.8  | 9190.9  | 11885.2 | 14338.7 | 16460.9 | 18440.6 | 20289.1 | 21933.3 | 23501.6 | 24850.5 |
| -37.5° | 2821.2  | 3525.1  | 5587.4  | 8279.3  | 10689.6 | 12900.9 | 14792.0 | 16436.5 | 17896.4 | 19207.4 | 20299.1 |
| -40°   | 2396.3  | 2683.9  | 3315.1  | 4382.1  | 6745.4  | 8932.2  | 10819.0 | 12521.1 | 13980.8 | 15140.8 | 16104.7 |
| -42.5° | 2172.2  | 2333.9  | 2517.8  | 2969.8  | 3491.6  | 4646.2  | 6510.3  | 8187.9  | 9617.2  | 10811.8 | 11802.6 |
| -45°   | 2071.1  | 2141.0  | 2231.2  | 2393.0  | 2544.0  | 2944.7  | 3353.7  | 3721.0  | 4941.2  | 6113.2  | 7083.6  |
| -47.5° | 1868.2  | 2014.2  | 2094.8  | 2152.9  | 2230.4  | 2359.6  | 2477.3  | 2620.7  | 2918.9  | 3174.3  | 3385.5  |
| -50°   | 1617.7  | 1768.7  | 1897.1  | 2017.6  | 2084.6  | 2130.7  | 2172.5  | 2238.4  | 2323.8  | 2396.8  | 2457.1  |
| -52.5° | 1341.4  | 1486.3  | 1624.3  | 1749.9  | 1853.3  | 1948.3  | 2034.5  | 2076.6  | 2106.8  | 2132.6  | 2153.9  |
| -55°   | 1093.2  | 1212.3  | 1324.6  | 1439.9  | 1550.4  | 1651.7  | 1741.2  | 1811.8  | 1873.7  | 1926.5  | 1970.1  |
| -57.5° | 866.4   | 961.2   | 1054.5  | 1150.8  | 1240.0  | 1321.7  | 1401.5  | 1476.4  | 1541.9  | 1597.8  | 1643.8  |
| -60°   | 663.3   | 734.5   | 814.8   | 890.9   | 961.2   | 1025.8  | 1093.2  | 1153.1  | 1205.6  | 1250.3  | 1287.1  |
| -62.5° | 486.4   | 546.0   | 606.7   | 663.3   | 715.6   | 768.6   | 821.3   | 868.2   | 909.1   | 944.1   | 972.8   |
| -65°   | 339.3   | 386.1   | 429.9   | 470.8   | 508.9   | 551.9   | 590.7   | 625.2   | 655.4   | 681.0   | 702.1   |
| -67.5° | 225.4   | 256.2   | 284.9   | 311.7   | 342.2   | 372.9   | 400.6   | 425.2   | 446.7   | 465.0   | 480.0   |
| -70°   | 147.9   | 162.1   | 175.5   | 192.1   | 213.9   | 233.7   | 251.6   | 267.6   | 281.4   | 293.3   | 303.0   |
| -72.5° | 96.6    | 105.2   | 114.0   | 124.8   | 134.8   | 143.8   | 152.0   | 159.3   | 165.6   | 171.0   | 175.4   |
| -75°   | 58.9    | 63.9    | 70.7    | 77.0    | 82.9    | 88.2    | 93.0    | 97.2    | 100.9   | 104.1   | 106.7   |
| -77.5° | 36.6    | 40.0    | 43.1    | 46.0    | 48.7    | 51.1    | 53.3    | 55.3    | 57.0    | 58.4    | 59.6    |
| -80°   | 25.6    | 26.7    | 27.8    | 28.8    | 29.8    | 30.6    | 31.4    | 32.1    | 32.6    | 33.2    | 33.6    |
| -82.5° | 17.6    | 18.2    | 18.8    | 19.4    | 19.9    | 20.3    | 20.7    | 21.1    | 21.4    | 21.7    | 21.9    |
| -85°   | 11.2    | 11.6    | 11.9    | 12.2    | 12.4    | 12.7    | 12.9    | 13.1    | 13.2    | 13.4    | 13.5    |
| -87.5° | 5.7     | 5.8     | 6.0     | 6.1     | 6.3     | 6.4     | 6.5     | 6.6     | 6.7     | 6.7     | 6.8     |
| -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: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**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°  | 6.8      | 6.9      | 6.9      | 6.9      | 6.9      | 6.9      | 6.8      | 6.8      | 6.7      | 6.7      | 6.6      |
| 85°    | 13.6     | 13.6     | 13.7     | 13.7     | 13.7     | 13.6     | 13.6     | 13.5     | 13.4     | 13.2     | 13.1     |
| 82.5°  | 22.1     | 22.2     | 22.3     | 22.3     | 22.3     | 22.2     | 22.1     | 21.9     | 21.7     | 21.4     | 21.1     |
| 80°    | 33.9     | 34.1     | 34.3     | 34.3     | 34.3     | 34.1     | 33.9     | 33.6     | 33.2     | 32.6     | 32.1     |
| 77.5°  | 60.5     | 61.2     | 61.6     | 61.7     | 61.6     | 61.2     | 60.5     | 59.6     | 58.4     | 57.0     | 55.3     |
| 75°    | 108.7    | 110.1    | 111.0    | 111.3    | 111.0    | 110.1    | 108.7    | 106.7    | 104.1    | 100.9    | 97.2     |
| 72.5°  | 178.9    | 181.3    | 182.8    | 183.3    | 182.8    | 181.3    | 178.9    | 175.4    | 171.0    | 165.6    | 159.3    |
| 70°    | 310.5    | 316.0    | 319.2    | 320.3    | 319.2    | 316.0    | 310.5    | 303.0    | 293.3    | 281.4    | 267.6    |
| 67.5°  | 491.8    | 500.2    | 505.2    | 506.9    | 505.2    | 500.2    | 491.8    | 480.0    | 465.0    | 446.7    | 425.2    |
| 65°    | 718.6    | 730.4    | 737.5    | 739.9    | 737.5    | 730.4    | 718.6    | 702.1    | 681.0    | 655.4    | 625.2    |
| 62.5°  | 995.2    | 1011.3   | 1021.0   | 1024.2   | 1021.0   | 1011.3   | 995.2    | 972.8    | 944.1    | 909.1    | 868.2    |
| 60°    | 1315.8   | 1336.5   | 1348.9   | 1353.0   | 1348.9   | 1336.5   | 1315.8   | 1287.1   | 1250.3   | 1205.6   | 1153.1   |
| 57.5°  | 1679.8   | 1705.7   | 1721.2   | 1726.4   | 1721.2   | 1705.7   | 1679.8   | 1643.8   | 1597.8   | 1541.9   | 1476.4   |
| 55°    | 2004.2   | 2028.7   | 2043.4   | 2048.3   | 2043.4   | 2028.7   | 2004.2   | 1970.1   | 1926.5   | 1873.7   | 1811.8   |
| 52.5°  | 2170.6   | 2182.6   | 2189.8   | 2192.2   | 2189.8   | 2182.6   | 2170.6   | 2153.9   | 2132.6   | 2106.8   | 2076.6   |
| 50°    | 2504.4   | 2538.3   | 2558.8   | 2565.6   | 2558.8   | 2538.3   | 2504.4   | 2457.1   | 2396.8   | 2323.8   | 2238.4   |
| 47.5°  | 3551.2   | 3670.3   | 3742.1   | 3766.1   | 3742.1   | 3670.3   | 3551.2   | 3385.5   | 3174.3   | 2918.9   | 2620.7   |
| 45°    | 7845.8   | 8394.3   | 8725.1   | 8835.6   | 8725.1   | 8394.3   | 7845.8   | 7083.6   | 6113.2   | 4941.2   | 3721.0   |
| 42.5°  | 12581.8  | 13143.1  | 13481.9  | 13595.1  | 13481.9  | 13143.1  | 12581.8  | 11802.6  | 10811.8  | 9617.2   | 8187.9   |
| 40°    | 16863.9  | 17411.5  | 17742.2  | 17852.8  | 17742.2  | 17411.5  | 16863.9  | 16104.7  | 15140.8  | 13980.8  | 12521.1  |
| 37.5°  | 21160.6  | 21783.0  | 22159.2  | 22285.1  | 22159.2  | 21783.0  | 21160.6  | 20299.1  | 19207.4  | 17896.4  | 16436.5  |
| 35°    | 25917.5  | 26689.6  | 27157.0  | 27313.5  | 27157.0  | 26689.6  | 25917.5  | 24850.5  | 23501.6  | 21933.3  | 20289.1  |
| 32.5°  | 32000.0  | 33134.5  | 33822.3  | 34052.8  | 33822.3  | 33134.5  | 32000.0  | 30435.7  | 28463.4  | 26414.7  | 24393.4  |
| 30°    | 40933.8  | 42850.8  | 44015.2  | 44405.8  | 44015.2  | 42850.8  | 40933.8  | 38297.7  | 34985.6  | 32095.9  | 29158.0  |
| 27.5°  | 51043.9  | 53202.0  | 54516.1  | 54957.5  | 54516.1  | 53202.0  | 51043.9  | 48086.6  | 44386.7  | 40089.4  | 35190.2  |
| 25°    | 61105.9  | 63482.9  | 64935.0  | 65423.5  | 64935.0  | 63482.9  | 61105.9  | 57863.0  | 53817.7  | 49029.3  | 43618.3  |
| 22.5°  | 71797.1  | 74805.5  | 76651.1  | 77273.4  | 76651.1  | 74805.5  | 71797.1  | 67716.5  | 62993.5  | 57788.7  | 51909.0  |
| 20°    | 84058.6  | 88123.3  | 90631.5  | 91479.9  | 90631.5  | 88123.3  | 84058.6  | 78587.5  | 72777.6  | 66304.1  | 59826.6  |
| 17.5°  | 98177.1  | 103593.5 | 106963.2 | 108108.1 | 106963.2 | 103593.5 | 98177.1  | 91038.3  | 83572.7  | 75401.4  | 67541.4  |
| 15°    | 111936.6 | 116615.6 | 119561.6 | 120569.4 | 119561.6 | 116615.6 | 111936.6 | 105022.8 | 95249.3  | 85282.6  | 75401.4  |
| 12.5°  | 122244.3 | 125996.1 | 128074.7 | 128713.1 | 128074.7 | 125996.1 | 122244.3 | 115794.6 | 107396.6 | 95249.3  | 83572.7  |
| 10°    | 128773.2 | 131746.9 | 133344.2 | 133890.5 | 133344.2 | 131746.9 | 128773.2 | 123871.9 | 115794.6 | 105022.8 | 91038.3  |
| 7.5°   | 132830.0 | 135598.1 | 137260.8 | 137846.8 | 137260.8 | 135598.1 | 132830.0 | 128773.2 | 122244.3 | 111936.6 | 98177.1  |
| 5°     | 135598.1 | 138476.2 | 140261.7 | 140806.2 | 140261.7 | 138476.2 | 135598.1 | 131746.9 | 125996.1 | 116615.6 | 103593.5 |
| 2.5°   | 137260.8 | 140261.7 | 141119.8 | 141090.5 | 141119.8 | 140261.7 | 137260.8 | 133344.2 | 128074.7 | 119561.6 | 106963.2 |
| 0°     | 137846.8 | 140806.2 | 141090.5 | 140545.9 | 141090.5 | 140806.2 | 137846.8 | 133890.5 | 128713.1 | 120569.4 | 108108.1 |
| -2.5°  | 137260.8 | 140261.7 | 141119.8 | 141090.5 | 141119.8 | 140261.7 | 137260.8 | 133344.2 | 128074.7 | 119561.6 | 106963.2 |
| -5°    | 135598.1 | 138476.2 | 140261.7 | 140806.2 | 140261.7 | 138476.2 | 135598.1 | 131746.9 | 125996.1 | 116615.6 | 103593.5 |
| -7.5°  | 132830.0 | 135598.1 | 137260.8 | 137846.8 | 137260.8 | 135598.1 | 132830.0 | 128773.2 | 122244.3 | 111936.6 | 98177.1  |
| -10°   | 128773.2 | 131746.9 | 133344.2 | 133890.5 | 133344.2 | 131746.9 | 128773.2 | 123871.9 | 115794.6 | 105022.8 | 91038.3  |
| -12.5° | 122244.3 | 125996.1 | 128074.7 | 128713.1 | 128074.7 | 125996.1 | 122244.3 | 115794.6 | 107396.6 | 95249.3  | 83572.7  |
| -15°   | 111936.6 | 116615.6 | 119561.6 | 120569.4 | 119561.6 | 116615.6 | 111936.6 | 105022.8 | 95249.3  | 85282.6  | 75401.4  |
| -17.5° | 98177.1  | 103593.5 | 106963.2 | 108108.1 | 106963.2 | 103593.5 | 98177.1  | 91038.3  | 83572.7  | 75401.4  | 67541.4  |
| -20°   | 84058.6  | 88123.3  | 90631.5  | 91479.9  | 90631.5  | 88123.3  | 84058.6  | 78587.5  | 72777.6  | 66304.1  | 59826.6  |



REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°   | -5°     | -2.5°   | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 71797.1 | 74805.5 | 76651.1 | 77273.4 | 76651.1 | 74805.5 | 71797.1 | 67716.5 | 62993.5 | 57788.7 | 51909.0 |
| -25°   | 61105.9 | 63482.9 | 64935.0 | 65423.5 | 64935.0 | 63482.9 | 61105.9 | 57863.0 | 53817.7 | 49029.3 | 43618.3 |
| -27.5° | 51043.9 | 53202.0 | 54516.1 | 54957.5 | 54516.1 | 53202.0 | 51043.9 | 48086.6 | 44386.7 | 40089.4 | 35190.2 |
| -30°   | 40933.8 | 42850.8 | 44015.2 | 44405.8 | 44015.2 | 42850.8 | 40933.8 | 38297.7 | 34985.6 | 32095.9 | 29158.0 |
| -32.5° | 32000.0 | 33134.5 | 33822.3 | 34052.8 | 33822.3 | 33134.5 | 32000.0 | 30435.7 | 28463.4 | 26414.7 | 24393.4 |
| -35°   | 25917.5 | 26689.6 | 27157.0 | 27313.5 | 27157.0 | 26689.6 | 25917.5 | 24850.5 | 23501.6 | 21933.3 | 20289.1 |
| -37.5° | 21160.6 | 21783.0 | 22159.2 | 22285.1 | 22159.2 | 21783.0 | 21160.6 | 20299.1 | 19207.4 | 17896.4 | 16436.5 |
| -40°   | 16863.9 | 17411.5 | 17742.2 | 17852.8 | 17742.2 | 17411.5 | 16863.9 | 16104.7 | 15140.8 | 13980.8 | 12521.1 |
| -42.5° | 12581.8 | 13143.1 | 13481.9 | 13595.1 | 13481.9 | 13143.1 | 12581.8 | 11802.6 | 10811.8 | 9617.2  | 8187.9  |
| -45°   | 7845.8  | 8394.3  | 8725.1  | 8835.6  | 8725.1  | 8394.3  | 7845.8  | 7083.6  | 6113.2  | 4941.2  | 3721.0  |
| -47.5° | 3551.2  | 3670.3  | 3742.1  | 3766.1  | 3742.1  | 3670.3  | 3551.2  | 3385.5  | 3174.3  | 2918.9  | 2620.7  |
| -50°   | 2504.4  | 2538.3  | 2558.8  | 2565.6  | 2558.8  | 2538.3  | 2504.4  | 2457.1  | 2396.8  | 2323.8  | 2238.4  |
| -52.5° | 2170.6  | 2182.6  | 2189.8  | 2192.2  | 2189.8  | 2182.6  | 2170.6  | 2153.9  | 2132.6  | 2106.8  | 2076.6  |
| -55°   | 2004.2  | 2028.7  | 2043.4  | 2048.3  | 2043.4  | 2028.7  | 2004.2  | 1970.1  | 1926.5  | 1873.7  | 1811.8  |
| -57.5° | 1679.8  | 1705.7  | 1721.2  | 1726.4  | 1721.2  | 1705.7  | 1679.8  | 1643.8  | 1597.8  | 1541.9  | 1476.4  |
| -60°   | 1315.8  | 1336.5  | 1348.9  | 1353.0  | 1348.9  | 1336.5  | 1315.8  | 1287.1  | 1250.3  | 1205.6  | 1153.1  |
| -62.5° | 995.2   | 1011.3  | 1021.0  | 1024.2  | 1021.0  | 1011.3  | 995.2   | 972.8   | 944.1   | 909.1   | 868.2   |
| -65°   | 718.6   | 730.4   | 737.5   | 739.9   | 737.5   | 730.4   | 718.6   | 702.1   | 681.0   | 655.4   | 625.2   |
| -67.5° | 491.8   | 500.2   | 505.2   | 506.9   | 505.2   | 500.2   | 491.8   | 480.0   | 465.0   | 446.7   | 425.2   |
| -70°   | 310.5   | 316.0   | 319.2   | 320.3   | 319.2   | 316.0   | 310.5   | 303.0   | 293.3   | 281.4   | 267.6   |
| -72.5° | 178.9   | 181.3   | 182.8   | 183.3   | 182.8   | 181.3   | 178.9   | 175.4   | 171.0   | 165.6   | 159.3   |
| -75°   | 108.7   | 110.1   | 111.0   | 111.3   | 111.0   | 110.1   | 108.7   | 106.7   | 104.1   | 100.9   | 97.2    |
| -77.5° | 60.5    | 61.2    | 61.6    | 61.7    | 61.6    | 61.2    | 60.5    | 59.6    | 58.4    | 57.0    | 55.3    |
| -80°   | 33.9    | 34.1    | 34.3    | 34.3    | 34.3    | 34.1    | 33.9    | 33.6    | 33.2    | 32.6    | 32.1    |
| -82.5° | 22.1    | 22.2    | 22.3    | 22.3    | 22.3    | 22.2    | 22.1    | 21.9    | 21.7    | 21.4    | 21.1    |
| -85°   | 13.6    | 13.6    | 13.7    | 13.7    | 13.7    | 13.6    | 13.6    | 13.5    | 13.4    | 13.2    | 13.1    |
| -87.5° | 6.8     | 6.9     | 6.9     | 6.9     | 6.9     | 6.9     | 6.8     | 6.8     | 6.7     | 6.7     | 6.6     |
| -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: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**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°  | 6.5     | 6.4     | 6.3     | 6.1     | 6.0     | 5.8     | 5.7     | 5.5     | 5.3     | 5.1     | 4.9    |
| 85°    | 12.9    | 12.7    | 12.4    | 12.2    | 11.9    | 11.6    | 11.2    | 10.9    | 10.5    | 10.1    | 9.7    |
| 82.5°  | 20.7    | 20.3    | 19.9    | 19.4    | 18.8    | 18.2    | 17.6    | 16.9    | 16.2    | 15.5    | 14.7   |
| 80°    | 31.4    | 30.6    | 29.8    | 28.8    | 27.8    | 26.7    | 25.6    | 24.3    | 23.0    | 21.8    | 20.8   |
| 77.5°  | 53.3    | 51.1    | 48.7    | 46.0    | 43.1    | 40.0    | 36.6    | 33.8    | 32.1    | 30.4    | 28.6   |
| 75°    | 93.0    | 88.2    | 82.9    | 77.0    | 70.7    | 63.9    | 58.9    | 54.6    | 50.0    | 45.3    | 40.3   |
| 72.5°  | 152.0   | 143.8   | 134.8   | 124.8   | 114.0   | 105.2   | 96.6    | 87.5    | 77.9    | 67.8    | 59.3   |
| 70°    | 251.6   | 233.7   | 213.9   | 192.1   | 175.5   | 162.1   | 147.9   | 132.7   | 116.7   | 103.5   | 91.4   |
| 67.5°  | 400.6   | 372.9   | 342.2   | 311.7   | 284.9   | 256.2   | 225.4   | 192.8   | 170.2   | 151.3   | 131.5  |
| 65°    | 590.7   | 551.9   | 508.9   | 470.8   | 429.9   | 386.1   | 339.3   | 297.8   | 259.4   | 219.2   | 180.1  |
| 62.5°  | 821.3   | 768.6   | 715.6   | 663.3   | 606.7   | 546.0   | 486.4   | 431.5   | 373.7   | 315.0   | 268.6  |
| 60°    | 1093.2  | 1025.8  | 961.2   | 890.9   | 814.8   | 734.5   | 663.3   | 588.0   | 508.9   | 442.1   | 372.9  |
| 57.5°  | 1401.5  | 1321.7  | 1240.0  | 1150.8  | 1054.5  | 961.2   | 866.4   | 766.2   | 675.1   | 584.9   | 494.2  |
| 55°    | 1741.2  | 1651.7  | 1550.4  | 1439.9  | 1324.6  | 1212.3  | 1093.2  | 975.1   | 861.0   | 741.8   | 639.9  |
| 52.5°  | 2034.5  | 1948.3  | 1853.3  | 1749.9  | 1624.3  | 1486.3  | 1341.4  | 1205.6  | 1063.2  | 929.6   | 796.4  |
| 50°    | 2172.5  | 2130.7  | 2084.6  | 2017.6  | 1897.1  | 1768.7  | 1617.7  | 1451.7  | 1287.1  | 1127.9  | 971.2  |
| 47.5°  | 2477.3  | 2359.6  | 2230.4  | 2152.9  | 2094.8  | 2014.2  | 1868.2  | 1713.0  | 1527.3  | 1336.5  | 1160.5 |
| 45°    | 3353.7  | 2944.7  | 2544.0  | 2393.0  | 2231.2  | 2141.0  | 2071.1  | 1935.5  | 1764.7  | 1565.4  | 1353.0 |
| 42.5°  | 6510.3  | 4646.2  | 3491.6  | 2969.8  | 2517.8  | 2333.9  | 2172.2  | 2094.2  | 1969.4  | 1781.4  | 1565.4 |
| 40°    | 10819.0 | 8932.2  | 6745.4  | 4382.1  | 3315.1  | 2683.9  | 2396.3  | 2188.0  | 2101.9  | 1969.4  | 1764.7 |
| 37.5°  | 14792.0 | 12900.9 | 10689.6 | 8279.3  | 5587.4  | 3525.1  | 2821.2  | 2417.2  | 2188.0  | 2094.2  | 1935.5 |
| 35°    | 18440.6 | 16460.9 | 14338.7 | 11885.2 | 9190.9  | 6196.8  | 3595.7  | 2821.2  | 2396.3  | 2172.2  | 2071.1 |
| 32.5°  | 22147.6 | 19956.7 | 17599.3 | 15171.9 | 12490.5 | 9485.8  | 6196.8  | 3525.1  | 2683.9  | 2333.9  | 2141.0 |
| 30°    | 26244.8 | 23572.3 | 20884.7 | 18190.0 | 15452.1 | 12490.5 | 9190.9  | 5587.4  | 3315.1  | 2517.8  | 2231.2 |
| 27.5°  | 31254.1 | 27404.9 | 24305.8 | 21197.2 | 18190.0 | 15171.9 | 11885.2 | 8279.3  | 4382.1  | 2969.8  | 2393.0 |
| 25°    | 37745.4 | 32322.4 | 27918.9 | 24305.8 | 20884.7 | 17599.3 | 14338.7 | 10689.6 | 6745.4  | 3491.6  | 2544.0 |
| 22.5°  | 45443.4 | 38609.3 | 32322.4 | 27404.9 | 23572.3 | 19956.7 | 16460.9 | 12900.9 | 8932.2  | 4646.2  | 2944.7 |
| 20°    | 52885.6 | 45443.4 | 37745.4 | 31254.1 | 26244.8 | 22147.6 | 18440.6 | 14792.0 | 10819.0 | 6510.3  | 3353.7 |
| 17.5°  | 59826.6 | 51909.0 | 43618.3 | 35190.2 | 29158.0 | 24393.4 | 20289.1 | 16436.5 | 12521.1 | 8187.9  | 3721.0 |
| 15°    | 66304.1 | 57788.7 | 49029.3 | 40089.4 | 32095.9 | 26414.7 | 21933.3 | 17896.4 | 13980.8 | 9617.2  | 4941.2 |
| 12.5°  | 72777.6 | 62993.5 | 53817.7 | 44386.7 | 34985.6 | 28463.4 | 23501.6 | 19207.4 | 15140.8 | 10811.8 | 6113.2 |
| 10°    | 78587.5 | 67716.5 | 57863.0 | 48086.6 | 38297.7 | 30435.7 | 24850.5 | 20299.1 | 16104.7 | 11802.6 | 7083.6 |
| 7.5°   | 84058.6 | 71797.1 | 61105.9 | 51043.9 | 40933.8 | 32000.0 | 25917.5 | 21160.6 | 16863.9 | 12581.8 | 7845.8 |
| 5°     | 88123.3 | 74805.5 | 63482.9 | 53202.0 | 42850.8 | 33134.5 | 26689.6 | 21783.0 | 17411.5 | 13143.1 | 8394.3 |
| 2.5°   | 90631.5 | 76651.1 | 64935.0 | 54516.1 | 44015.2 | 33822.3 | 27157.0 | 22159.2 | 17742.2 | 13481.9 | 8725.1 |
| 0°     | 91479.9 | 77273.4 | 65423.5 | 54957.5 | 44405.8 | 34052.8 | 27313.5 | 22285.1 | 17852.8 | 13595.1 | 8835.6 |
| -2.5°  | 90631.5 | 76651.1 | 64935.0 | 54516.1 | 44015.2 | 33822.3 | 27157.0 | 22159.2 | 17742.2 | 13481.9 | 8725.1 |
| -5°    | 88123.3 | 74805.5 | 63482.9 | 53202.0 | 42850.8 | 33134.5 | 26689.6 | 21783.0 | 17411.5 | 13143.1 | 8394.3 |
| -7.5°  | 84058.6 | 71797.1 | 61105.9 | 51043.9 | 40933.8 | 32000.0 | 25917.5 | 21160.6 | 16863.9 | 12581.8 | 7845.8 |
| -10°   | 78587.5 | 67716.5 | 57863.0 | 48086.6 | 38297.7 | 30435.7 | 24850.5 | 20299.1 | 16104.7 | 11802.6 | 7083.6 |
| -12.5° | 72777.6 | 62993.5 | 53817.7 | 44386.7 | 34985.6 | 28463.4 | 23501.6 | 19207.4 | 15140.8 | 10811.8 | 6113.2 |
| -15°   | 66304.1 | 57788.7 | 49029.3 | 40089.4 | 32095.9 | 26414.7 | 21933.3 | 17896.4 | 13980.8 | 9617.2  | 4941.2 |
| -17.5° | 59826.6 | 51909.0 | 43618.3 | 35190.2 | 29158.0 | 24393.4 | 20289.1 | 16436.5 | 12521.1 | 8187.9  | 3721.0 |
| -20°   | 52885.6 | 45443.4 | 37745.4 | 31254.1 | 26244.8 | 22147.6 | 18440.6 | 14792.0 | 10819.0 | 6510.3  | 3353.7 |



REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°   | 25°     | 27.5°   | 30°     | 32.5°   | 35°     | 37.5°   | 40°    | 42.5°  | 45°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -22.5° | 45443.4 | 38609.3 | 32322.4 | 27404.9 | 23572.3 | 19956.7 | 16460.9 | 12900.9 | 8932.2 | 4646.2 | 2944.7 |
| -25°   | 37745.4 | 32322.4 | 27918.9 | 24305.8 | 20884.7 | 17599.3 | 14338.7 | 10689.6 | 6745.4 | 3491.6 | 2544.0 |
| -27.5° | 31254.1 | 27404.9 | 24305.8 | 21197.2 | 18190.0 | 15171.9 | 11885.2 | 8279.3  | 4382.1 | 2969.8 | 2393.0 |
| -30°   | 26244.8 | 23572.3 | 20884.7 | 18190.0 | 15452.1 | 12490.5 | 9190.9  | 5587.4  | 3315.1 | 2517.8 | 2231.2 |
| -32.5° | 22147.6 | 19956.7 | 17599.3 | 15171.9 | 12490.5 | 9485.8  | 6196.8  | 3525.1  | 2683.9 | 2333.9 | 2141.0 |
| -35°   | 18440.6 | 16460.9 | 14338.7 | 11885.2 | 9190.9  | 6196.8  | 3595.7  | 2821.2  | 2396.3 | 2172.2 | 2071.1 |
| -37.5° | 14792.0 | 12900.9 | 10689.6 | 8279.3  | 5587.4  | 3525.1  | 2821.2  | 2417.2  | 2188.0 | 2094.2 | 1935.5 |
| -40°   | 10819.0 | 8932.2  | 6745.4  | 4382.1  | 3315.1  | 2683.9  | 2396.3  | 2188.0  | 2101.9 | 1969.4 | 1764.7 |
| -42.5° | 6510.3  | 4646.2  | 3491.6  | 2969.8  | 2517.8  | 2333.9  | 2172.2  | 2094.2  | 1969.4 | 1781.4 | 1565.4 |
| -45°   | 3353.7  | 2944.7  | 2544.0  | 2393.0  | 2231.2  | 2141.0  | 2071.1  | 1935.5  | 1764.7 | 1565.4 | 1353.0 |
| -47.5° | 2477.3  | 2359.6  | 2230.4  | 2152.9  | 2094.8  | 2014.2  | 1868.2  | 1713.0  | 1527.3 | 1336.5 | 1160.5 |
| -50°   | 2172.5  | 2130.7  | 2084.6  | 2017.6  | 1897.1  | 1768.7  | 1617.7  | 1451.7  | 1287.1 | 1127.9 | 971.2  |
| -52.5° | 2034.5  | 1948.3  | 1853.3  | 1749.9  | 1624.3  | 1486.3  | 1341.4  | 1205.6  | 1063.2 | 929.6  | 796.4  |
| -55°   | 1741.2  | 1651.7  | 1550.4  | 1439.9  | 1324.6  | 1212.3  | 1093.2  | 975.1   | 861.0  | 741.8  | 639.9  |
| -57.5° | 1401.5  | 1321.7  | 1240.0  | 1150.8  | 1054.5  | 961.2   | 866.4   | 766.2   | 675.1  | 584.9  | 494.2  |
| -60°   | 1093.2  | 1025.8  | 961.2   | 890.9   | 814.8   | 734.5   | 663.3   | 588.0   | 508.9  | 442.1  | 372.9  |
| -62.5° | 821.3   | 768.6   | 715.6   | 663.3   | 606.7   | 546.0   | 486.4   | 431.5   | 373.7  | 315.0  | 268.6  |
| -65°   | 590.7   | 551.9   | 508.9   | 470.8   | 429.9   | 386.1   | 339.3   | 297.8   | 259.4  | 219.2  | 180.1  |
| -67.5° | 400.6   | 372.9   | 342.2   | 311.7   | 284.9   | 256.2   | 225.4   | 192.8   | 170.2  | 151.3  | 131.5  |
| -70°   | 251.6   | 233.7   | 213.9   | 192.1   | 175.5   | 162.1   | 147.9   | 132.7   | 116.7  | 103.5  | 91.4   |
| -72.5° | 152.0   | 143.8   | 134.8   | 124.8   | 114.0   | 105.2   | 96.6    | 87.5    | 77.9   | 67.8   | 59.3   |
| -75°   | 93.0    | 88.2    | 82.9    | 77.0    | 70.7    | 63.9    | 58.9    | 54.6    | 50.0   | 45.3   | 40.3   |
| -77.5° | 53.3    | 51.1    | 48.7    | 46.0    | 43.1    | 40.0    | 36.6    | 33.8    | 32.1   | 30.4   | 28.6   |
| -80°   | 31.4    | 30.6    | 29.8    | 28.8    | 27.8    | 26.7    | 25.6    | 24.3    | 23.0   | 21.8   | 20.8   |
| -82.5° | 20.7    | 20.3    | 19.9    | 19.4    | 18.8    | 18.2    | 17.6    | 16.9    | 16.2   | 15.5   | 14.7   |
| -85°   | 12.9    | 12.7    | 12.4    | 12.2    | 11.9    | 11.6    | 11.2    | 10.9    | 10.5   | 10.1   | 9.7    |
| -87.5° | 6.5     | 6.4     | 6.3     | 6.1     | 6.0     | 5.8     | 5.7     | 5.5     | 5.3    | 5.1    | 4.9    |
| -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: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°    | 57.5°  | 60°    | 62.5°  | 65°   | 67.5° | 70°   | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 4.7    | 4.4    | 4.2    | 4.0    | 3.7    | 3.4    | 3.2    | 2.9   | 2.6   | 2.4   | 2.1   |
| 85°    | 9.3    | 8.8    | 8.4    | 7.9    | 7.4    | 6.9    | 6.4    | 5.8   | 5.3   | 4.7   | 4.1   |
| 82.5°  | 13.9   | 13.2   | 12.5   | 11.8   | 11.0   | 10.3   | 9.5    | 8.7   | 7.9   | 7.1   | 6.2   |
| 80°    | 19.7   | 18.5   | 17.4   | 16.2   | 14.9   | 13.6   | 12.6   | 11.5  | 10.5  | 9.4   | 8.2   |
| 77.5°  | 26.7   | 24.7   | 22.6   | 21.0   | 19.5   | 17.9   | 16.2   | 14.6  | 13.0  | 11.6  | 10.3  |
| 75°    | 35.1   | 32.3   | 29.8   | 27.3   | 24.7   | 22.1   | 20.1   | 18.1  | 16.1  | 14.0  | 12.2  |
| 72.5°  | 53.2   | 46.8   | 40.3   | 34.0   | 30.9   | 27.8   | 24.6   | 21.6  | 19.2  | 16.8  | 14.3  |
| 70°    | 78.8   | 65.7   | 56.4   | 48.7   | 40.8   | 33.6   | 29.9   | 26.2  | 22.4  | 19.6  | 16.8  |
| 67.5°  | 111.0  | 96.2   | 81.0   | 65.3   | 54.7   | 45.6   | 36.2   | 31.0  | 26.7  | 22.4  | 19.2  |
| 65°    | 157.1  | 133.3  | 109.5  | 92.0   | 74.1   | 58.4   | 48.0   | 37.5  | 31.0  | 26.2  | 21.6  |
| 62.5°  | 220.4  | 176.6  | 149.5  | 121.6  | 98.7   | 78.5   | 59.6   | 48.0  | 36.2  | 29.9  | 24.6  |
| 60°    | 306.2  | 251.6  | 195.4  | 159.3  | 128.1  | 100.9  | 78.5   | 58.4  | 45.6  | 33.6  | 27.8  |
| 57.5°  | 416.2  | 335.6  | 270.5  | 207.9  | 162.6  | 128.1  | 98.7   | 74.1  | 54.7  | 40.8  | 30.9  |
| 55°    | 534.8  | 442.3  | 352.9  | 276.9  | 207.9  | 159.3  | 121.6  | 92.0  | 65.3  | 48.7  | 34.0  |
| 52.5°  | 673.2  | 556.8  | 451.1  | 352.9  | 270.5  | 195.4  | 149.5  | 109.5 | 81.0  | 56.4  | 40.3  |
| 50°    | 823.9  | 684.4  | 556.8  | 442.3  | 335.6  | 251.6  | 176.6  | 133.3 | 96.2  | 65.7  | 46.8  |
| 47.5°  | 985.1  | 823.9  | 673.2  | 534.8  | 416.2  | 306.2  | 220.4  | 157.1 | 111.0 | 78.8  | 53.2  |
| 45°    | 1160.5 | 971.2  | 796.4  | 639.9  | 494.2  | 372.9  | 268.6  | 180.1 | 131.5 | 91.4  | 59.3  |
| 42.5°  | 1336.5 | 1127.9 | 929.6  | 741.8  | 584.9  | 442.1  | 315.0  | 219.2 | 151.3 | 103.5 | 67.8  |
| 40°    | 1527.3 | 1287.1 | 1063.2 | 861.0  | 675.1  | 508.9  | 373.7  | 259.4 | 170.2 | 116.7 | 77.9  |
| 37.5°  | 1713.0 | 1451.7 | 1205.6 | 975.1  | 766.2  | 588.0  | 431.5  | 297.8 | 192.8 | 132.7 | 87.5  |
| 35°    | 1868.2 | 1617.7 | 1341.4 | 1093.2 | 866.4  | 663.3  | 486.4  | 339.3 | 225.4 | 147.9 | 96.6  |
| 32.5°  | 2014.2 | 1768.7 | 1486.3 | 1212.3 | 961.2  | 734.5  | 546.0  | 386.1 | 256.2 | 162.1 | 105.2 |
| 30°    | 2094.8 | 1897.1 | 1624.3 | 1324.6 | 1054.5 | 814.8  | 606.7  | 429.9 | 284.9 | 175.5 | 114.0 |
| 27.5°  | 2152.9 | 2017.6 | 1749.9 | 1439.9 | 1150.8 | 890.9  | 663.3  | 470.8 | 311.7 | 192.1 | 124.8 |
| 25°    | 2230.4 | 2084.6 | 1853.3 | 1550.4 | 1240.0 | 961.2  | 715.6  | 508.9 | 342.2 | 213.9 | 134.8 |
| 22.5°  | 2359.6 | 2130.7 | 1948.3 | 1651.7 | 1321.7 | 1025.8 | 768.6  | 551.9 | 372.9 | 233.7 | 143.8 |
| 20°    | 2477.3 | 2172.5 | 2034.5 | 1741.2 | 1401.5 | 1093.2 | 821.3  | 590.7 | 400.6 | 251.6 | 152.0 |
| 17.5°  | 2620.7 | 2238.4 | 2076.6 | 1811.8 | 1476.4 | 1153.1 | 868.2  | 625.2 | 425.2 | 267.6 | 159.3 |
| 15°    | 2918.9 | 2323.8 | 2106.8 | 1873.7 | 1541.9 | 1205.6 | 909.1  | 655.4 | 446.7 | 281.4 | 165.6 |
| 12.5°  | 3174.3 | 2396.8 | 2132.6 | 1926.5 | 1597.8 | 1250.3 | 944.1  | 681.0 | 465.0 | 293.3 | 171.0 |
| 10°    | 3385.5 | 2457.1 | 2153.9 | 1970.1 | 1643.8 | 1287.1 | 972.8  | 702.1 | 480.0 | 303.0 | 175.4 |
| 7.5°   | 3551.2 | 2504.4 | 2170.6 | 2004.2 | 1679.8 | 1315.8 | 995.2  | 718.6 | 491.8 | 310.5 | 178.9 |
| 5°     | 3670.3 | 2538.3 | 2182.6 | 2028.7 | 1705.7 | 1336.5 | 1011.3 | 730.4 | 500.2 | 316.0 | 181.3 |
| 2.5°   | 3742.1 | 2558.8 | 2189.8 | 2043.4 | 1721.2 | 1348.9 | 1021.0 | 737.5 | 505.2 | 319.2 | 182.8 |
| 0°     | 3766.1 | 2565.6 | 2192.2 | 2048.3 | 1726.4 | 1353.0 | 1024.2 | 739.9 | 506.9 | 320.3 | 183.3 |
| -2.5°  | 3742.1 | 2558.8 | 2189.8 | 2043.4 | 1721.2 | 1348.9 | 1021.0 | 737.5 | 505.2 | 319.2 | 182.8 |
| -5°    | 3670.3 | 2538.3 | 2182.6 | 2028.7 | 1705.7 | 1336.5 | 1011.3 | 730.4 | 500.2 | 316.0 | 181.3 |
| -7.5°  | 3551.2 | 2504.4 | 2170.6 | 2004.2 | 1679.8 | 1315.8 | 995.2  | 718.6 | 491.8 | 310.5 | 178.9 |
| -10°   | 3385.5 | 2457.1 | 2153.9 | 1970.1 | 1643.8 | 1287.1 | 972.8  | 702.1 | 480.0 | 303.0 | 175.4 |
| -12.5° | 3174.3 | 2396.8 | 2132.6 | 1926.5 | 1597.8 | 1250.3 | 944.1  | 681.0 | 465.0 | 293.3 | 171.0 |
| -15°   | 2918.9 | 2323.8 | 2106.8 | 1873.7 | 1541.9 | 1205.6 | 909.1  | 655.4 | 446.7 | 281.4 | 165.6 |
| -17.5° | 2620.7 | 2238.4 | 2076.6 | 1811.8 | 1476.4 | 1153.1 | 868.2  | 625.2 | 425.2 | 267.6 | 159.3 |
| -20°   | 2477.3 | 2172.5 | 2034.5 | 1741.2 | 1401.5 | 1093.2 | 821.3  | 590.7 | 400.6 | 251.6 | 152.0 |



REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°    | 57.5°  | 60°    | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2359.6 | 2130.7 | 1948.3 | 1651.7 | 1321.7 | 1025.8 | 768.6 | 551.9 | 372.9 | 233.7 | 143.8 |
| -25°   | 2230.4 | 2084.6 | 1853.3 | 1550.4 | 1240.0 | 961.2  | 715.6 | 508.9 | 342.2 | 213.9 | 134.8 |
| -27.5° | 2152.9 | 2017.6 | 1749.9 | 1439.9 | 1150.8 | 890.9  | 663.3 | 470.8 | 311.7 | 192.1 | 124.8 |
| -30°   | 2094.8 | 1897.1 | 1624.3 | 1324.6 | 1054.5 | 814.8  | 606.7 | 429.9 | 284.9 | 175.5 | 114.0 |
| -32.5° | 2014.2 | 1768.7 | 1486.3 | 1212.3 | 961.2  | 734.5  | 546.0 | 386.1 | 256.2 | 162.1 | 105.2 |
| -35°   | 1868.2 | 1617.7 | 1341.4 | 1093.2 | 866.4  | 663.3  | 486.4 | 339.3 | 225.4 | 147.9 | 96.6  |
| -37.5° | 1713.0 | 1451.7 | 1205.6 | 975.1  | 766.2  | 588.0  | 431.5 | 297.8 | 192.8 | 132.7 | 87.5  |
| -40°   | 1527.3 | 1287.1 | 1063.2 | 861.0  | 675.1  | 508.9  | 373.7 | 259.4 | 170.2 | 116.7 | 77.9  |
| -42.5° | 1336.5 | 1127.9 | 929.6  | 741.8  | 584.9  | 442.1  | 315.0 | 219.2 | 151.3 | 103.5 | 67.8  |
| -45°   | 1160.5 | 971.2  | 796.4  | 639.9  | 494.2  | 372.9  | 268.6 | 180.1 | 131.5 | 91.4  | 59.3  |
| -47.5° | 985.1  | 823.9  | 673.2  | 534.8  | 416.2  | 306.2  | 220.4 | 157.1 | 111.0 | 78.8  | 53.2  |
| -50°   | 823.9  | 684.4  | 556.8  | 442.3  | 335.6  | 251.6  | 176.6 | 133.3 | 96.2  | 65.7  | 46.8  |
| -52.5° | 673.2  | 556.8  | 451.1  | 352.9  | 270.5  | 195.4  | 149.5 | 109.5 | 81.0  | 56.4  | 40.3  |
| -55°   | 534.8  | 442.3  | 352.9  | 276.9  | 207.9  | 159.3  | 121.6 | 92.0  | 65.3  | 48.7  | 34.0  |
| -57.5° | 416.2  | 335.6  | 270.5  | 207.9  | 162.6  | 128.1  | 98.7  | 74.1  | 54.7  | 40.8  | 30.9  |
| -60°   | 306.2  | 251.6  | 195.4  | 159.3  | 128.1  | 100.9  | 78.5  | 58.4  | 45.6  | 33.6  | 27.8  |
| -62.5° | 220.4  | 176.6  | 149.5  | 121.6  | 98.7   | 78.5   | 59.6  | 48.0  | 36.2  | 29.9  | 24.6  |
| -65°   | 157.1  | 133.3  | 109.5  | 92.0   | 74.1   | 58.4   | 48.0  | 37.5  | 31.0  | 26.2  | 21.6  |
| -67.5° | 111.0  | 96.2   | 81.0   | 65.3   | 54.7   | 45.6   | 36.2  | 31.0  | 26.7  | 22.4  | 19.2  |
| -70°   | 78.8   | 65.7   | 56.4   | 48.7   | 40.8   | 33.6   | 29.9  | 26.2  | 22.4  | 19.6  | 16.8  |
| -72.5° | 53.2   | 46.8   | 40.3   | 34.0   | 30.9   | 27.8   | 24.6  | 21.6  | 19.2  | 16.8  | 14.3  |
| -75°   | 35.1   | 32.3   | 29.8   | 27.3   | 24.7   | 22.1   | 20.1  | 18.1  | 16.1  | 14.0  | 12.2  |
| -77.5° | 26.7   | 24.7   | 22.6   | 21.0   | 19.5   | 17.9   | 16.2  | 14.6  | 13.0  | 11.6  | 10.3  |
| -80°   | 19.7   | 18.5   | 17.4   | 16.2   | 14.9   | 13.6   | 12.6  | 11.5  | 10.5  | 9.4   | 8.2   |
| -82.5° | 13.9   | 13.2   | 12.5   | 11.8   | 11.0   | 10.3   | 9.5   | 8.7   | 7.9   | 7.1   | 6.2   |
| -85°   | 9.3    | 8.8    | 8.4    | 7.9    | 7.4    | 6.9    | 6.4   | 5.8   | 5.3   | 4.7   | 4.1   |
| -87.5° | 4.7    | 4.4    | 4.2    | 4.0    | 3.7    | 3.4    | 3.2   | 2.9   | 2.6   | 2.4   | 2.1   |
| -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: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-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°  | 1.8   | 1.5   | 1.2  | 0.9   | 0.6  | 0.3   | 0.0 |
| 85°    | 3.6   | 3.0   | 2.4  | 1.8   | 1.2  | 0.6   | 0.0 |
| 82.5°  | 5.3   | 4.5   | 3.6  | 2.7   | 1.8  | 0.9   | 0.0 |
| 80°    | 7.1   | 5.9   | 4.8  | 3.6   | 2.4  | 1.2   | 0.0 |
| 77.5°  | 8.8   | 7.4   | 5.9  | 4.5   | 3.0  | 1.5   | 0.0 |
| 75°    | 10.5  | 8.8   | 7.1  | 5.3   | 3.6  | 1.8   | 0.0 |
| 72.5°  | 12.2  | 10.3  | 8.2  | 6.2   | 4.1  | 2.1   | 0.0 |
| 70°    | 14.0  | 11.6  | 9.4  | 7.1   | 4.7  | 2.4   | 0.0 |
| 67.5°  | 16.1  | 13.0  | 10.5 | 7.9   | 5.3  | 2.6   | 0.0 |
| 65°    | 18.1  | 14.6  | 11.5 | 8.7   | 5.8  | 2.9   | 0.0 |
| 62.5°  | 20.1  | 16.2  | 12.6 | 9.5   | 6.4  | 3.2   | 0.0 |
| 60°    | 22.1  | 17.9  | 13.6 | 10.3  | 6.9  | 3.4   | 0.0 |
| 57.5°  | 24.7  | 19.5  | 14.9 | 11.0  | 7.4  | 3.7   | 0.0 |
| 55°    | 27.3  | 21.0  | 16.2 | 11.8  | 7.9  | 4.0   | 0.0 |
| 52.5°  | 29.8  | 22.6  | 17.4 | 12.5  | 8.4  | 4.2   | 0.0 |
| 50°    | 32.3  | 24.7  | 18.5 | 13.2  | 8.8  | 4.4   | 0.0 |
| 47.5°  | 35.1  | 26.7  | 19.7 | 13.9  | 9.3  | 4.7   | 0.0 |
| 45°    | 40.3  | 28.6  | 20.8 | 14.7  | 9.7  | 4.9   | 0.0 |
| 42.5°  | 45.3  | 30.4  | 21.8 | 15.5  | 10.1 | 5.1   | 0.0 |
| 40°    | 50.0  | 32.1  | 23.0 | 16.2  | 10.5 | 5.3   | 0.0 |
| 37.5°  | 54.6  | 33.8  | 24.3 | 16.9  | 10.9 | 5.5   | 0.0 |
| 35°    | 58.9  | 36.6  | 25.6 | 17.6  | 11.2 | 5.7   | 0.0 |
| 32.5°  | 63.9  | 40.0  | 26.7 | 18.2  | 11.6 | 5.8   | 0.0 |
| 30°    | 70.7  | 43.1  | 27.8 | 18.8  | 11.9 | 6.0   | 0.0 |
| 27.5°  | 77.0  | 46.0  | 28.8 | 19.4  | 12.2 | 6.1   | 0.0 |
| 25°    | 82.9  | 48.7  | 29.8 | 19.9  | 12.4 | 6.3   | 0.0 |
| 22.5°  | 88.2  | 51.1  | 30.6 | 20.3  | 12.7 | 6.4   | 0.0 |
| 20°    | 93.0  | 53.3  | 31.4 | 20.7  | 12.9 | 6.5   | 0.0 |
| 17.5°  | 97.2  | 55.3  | 32.1 | 21.1  | 13.1 | 6.6   | 0.0 |
| 15°    | 100.9 | 57.0  | 32.6 | 21.4  | 13.2 | 6.7   | 0.0 |
| 12.5°  | 104.1 | 58.4  | 33.2 | 21.7  | 13.4 | 6.7   | 0.0 |
| 10°    | 106.7 | 59.6  | 33.6 | 21.9  | 13.5 | 6.8   | 0.0 |
| 7.5°   | 108.7 | 60.5  | 33.9 | 22.1  | 13.6 | 6.8   | 0.0 |
| 5°     | 110.1 | 61.2  | 34.1 | 22.2  | 13.6 | 6.9   | 0.0 |
| 2.5°   | 111.0 | 61.6  | 34.3 | 22.3  | 13.7 | 6.9   | 0.0 |
| 0°     | 111.3 | 61.7  | 34.3 | 22.3  | 13.7 | 6.9   | 0.0 |
| -2.5°  | 111.0 | 61.6  | 34.3 | 22.3  | 13.7 | 6.9   | 0.0 |
| -5°    | 110.1 | 61.2  | 34.1 | 22.2  | 13.6 | 6.9   | 0.0 |
| -7.5°  | 108.7 | 60.5  | 33.9 | 22.1  | 13.6 | 6.8   | 0.0 |
| -10°   | 106.7 | 59.6  | 33.6 | 21.9  | 13.5 | 6.8   | 0.0 |
| -12.5° | 104.1 | 58.4  | 33.2 | 21.7  | 13.4 | 6.7   | 0.0 |
| -15°   | 100.9 | 57.0  | 32.6 | 21.4  | 13.2 | 6.7   | 0.0 |
| -17.5° | 97.2  | 55.3  | 32.1 | 21.1  | 13.1 | 6.6   | 0.0 |
| -20°   | 93.0  | 53.3  | 31.4 | 20.7  | 12.9 | 6.5   | 0.0 |



REPORT NUMBER: P701497 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-5S-HEG-S

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85°  | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 88.2 | 51.1  | 30.6 | 20.3  | 12.7 | 6.4   | 0.0 |
| -25°   | 82.9 | 48.7  | 29.8 | 19.9  | 12.4 | 6.3   | 0.0 |
| -27.5° | 77.0 | 46.0  | 28.8 | 19.4  | 12.2 | 6.1   | 0.0 |
| -30°   | 70.7 | 43.1  | 27.8 | 18.8  | 11.9 | 6.0   | 0.0 |
| -32.5° | 63.9 | 40.0  | 26.7 | 18.2  | 11.6 | 5.8   | 0.0 |
| -35°   | 58.9 | 36.6  | 25.6 | 17.6  | 11.2 | 5.7   | 0.0 |
| -37.5° | 54.6 | 33.8  | 24.3 | 16.9  | 10.9 | 5.5   | 0.0 |
| -40°   | 50.0 | 32.1  | 23.0 | 16.2  | 10.5 | 5.3   | 0.0 |
| -42.5° | 45.3 | 30.4  | 21.8 | 15.5  | 10.1 | 5.1   | 0.0 |
| -45°   | 40.3 | 28.6  | 20.8 | 14.7  | 9.7  | 4.9   | 0.0 |
| -47.5° | 35.1 | 26.7  | 19.7 | 13.9  | 9.3  | 4.7   | 0.0 |
| -50°   | 32.3 | 24.7  | 18.5 | 13.2  | 8.8  | 4.4   | 0.0 |
| -52.5° | 29.8 | 22.6  | 17.4 | 12.5  | 8.4  | 4.2   | 0.0 |
| -55°   | 27.3 | 21.0  | 16.2 | 11.8  | 7.9  | 4.0   | 0.0 |
| -57.5° | 24.7 | 19.5  | 14.9 | 11.0  | 7.4  | 3.7   | 0.0 |
| -60°   | 22.1 | 17.9  | 13.6 | 10.3  | 6.9  | 3.4   | 0.0 |
| -62.5° | 20.1 | 16.2  | 12.6 | 9.5   | 6.4  | 3.2   | 0.0 |
| -65°   | 18.1 | 14.6  | 11.5 | 8.7   | 5.8  | 2.9   | 0.0 |
| -67.5° | 16.1 | 13.0  | 10.5 | 7.9   | 5.3  | 2.6   | 0.0 |
| -70°   | 14.0 | 11.6  | 9.4  | 7.1   | 4.7  | 2.4   | 0.0 |
| -72.5° | 12.2 | 10.3  | 8.2  | 6.2   | 4.1  | 2.1   | 0.0 |
| -75°   | 10.5 | 8.8   | 7.1  | 5.3   | 3.6  | 1.8   | 0.0 |
| -77.5° | 8.8  | 7.4   | 5.9  | 4.5   | 3.0  | 1.5   | 0.0 |
| -80°   | 7.1  | 5.9   | 4.8  | 3.6   | 2.4  | 1.2   | 0.0 |
| -82.5° | 5.3  | 4.5   | 3.6  | 2.7   | 1.8  | 0.9   | 0.0 |
| -85°   | 3.6  | 3.0   | 2.4  | 1.8   | 1.2  | 0.6   | 0.0 |
| -87.5° | 1.8  | 1.5   | 1.2  | 0.9   | 0.6  | 0.3   | 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



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

Scaled Data Report





Horizontal Angle (degrees)



Horizontal Angle (degrees)



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

Scaled Data Report

