

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: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-80-1S-HEG-A**

Issue Date: 2/3/2026

**Test Information**

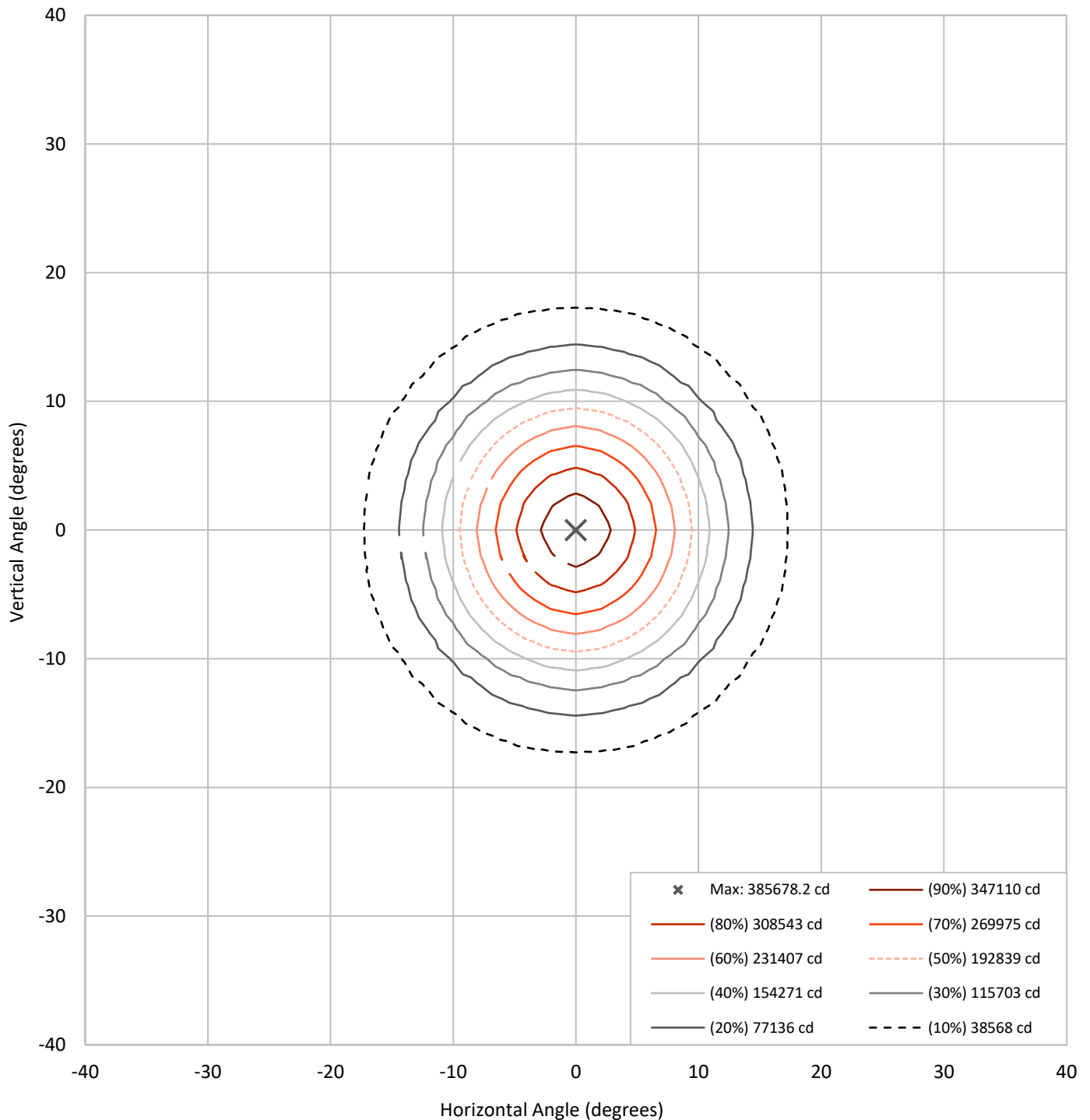
Test Method: LM-79-08  
Report Number: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-61)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-57-80-1S-HEG-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 1S BEAM SHAPE  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                                      |                      |                  |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 3H x 3V          |
| Luminaire Lumens:                 | 52246.1 lumens                       | Max Intensity:       | 385678.2 candela |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:                         | 155.5 lumens/watt                    |                      |                  |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%):                 | 19°H x 19°V                          | Field Angle (10%):   | 34.3°H x 34.3°V  |
| Beam Lumens:                      | 22518.8 lumens                       | Field Lumens:        | 41484.4 lumens   |
| Beam Efficiency:                  | 43.1%                                | Field Efficiency:    | 79.4%            |
| Input Watts (W):                  | 336                                  |                      |                  |
| 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





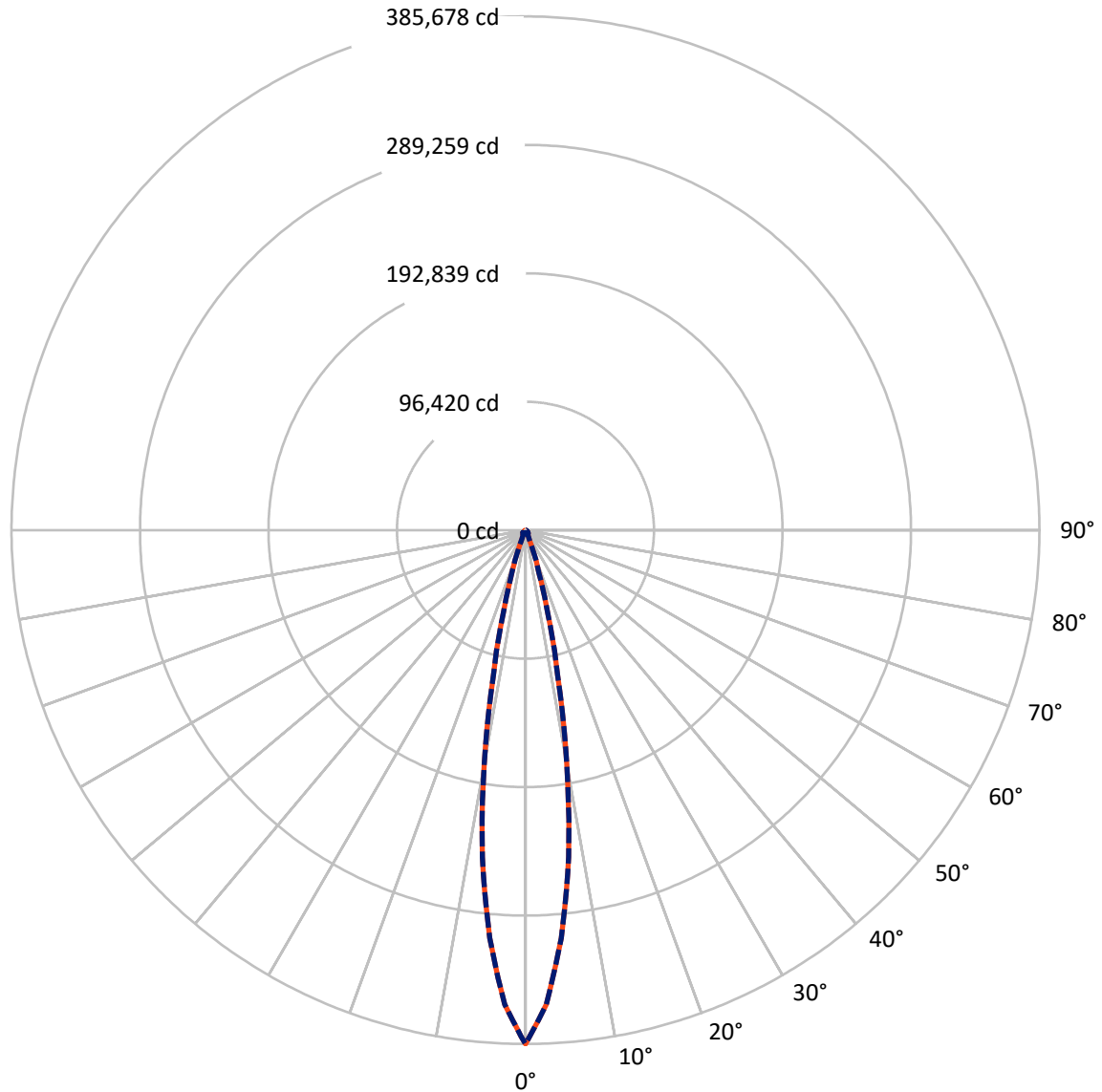
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### Lumen Table

|     |     |     |      |      |      |       |        |        |        |        |       |      |      |      |     |     |
|-----|-----|-----|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|-----|-----|
| 90  | 0.1 | 0.5 |      | 1.8  |      | 4.5   |        | 6.0    |        | 4.5    |       | 1.8  |      | 0.5  |     | 0.1 |
| 80  | 0.1 | 0.5 |      | 1.8  |      | 4.5   |        | 6.0    |        | 4.5    |       | 1.8  |      | 0.5  |     | 0.1 |
| 70  | 0.2 | 0.3 | 1.1  | 3.3  | 6.6  | 10.2  | 13.2   | 14.8   | 14.8   | 13.2   | 10.2  | 6.6  | 3.3  | 1.1  | 0.3 | 0.2 |
| 60  |     | 0.8 | 3.8  | 9.5  | 16.3 | 22.0  | 25.8   | 27.8   | 27.8   | 25.8   | 22.0  | 16.3 | 9.5  | 3.8  | 0.8 |     |
| 50  | 0.6 | 2.0 | 7.7  | 16.1 | 23.6 | 39.9  | 62.9   | 75.5   | 75.5   | 62.9   | 39.9  | 23.6 | 16.1 | 7.7  | 2.0 | 0.6 |
| 40  |     | 3.5 | 11.5 | 20.4 | 48.2 | 82.5  | 91.1   | 91.3   | 91.3   | 91.1   | 82.5  | 48.2 | 20.4 | 11.5 | 3.5 |     |
| 30  | 1.3 | 4.9 | 14.0 | 31.5 | 74.6 | 82.6  | 90.8   | 157.4  | 157.4  | 90.8   | 82.6  | 74.6 | 31.5 | 14.0 | 4.9 | 1.3 |
| 20  |     | 6.0 | 15.4 | 46.7 | 77.2 | 85.3  | 498.9  | 1863.0 | 1863.0 | 498.9  | 85.3  | 77.2 | 46.7 | 15.4 | 6.0 |     |
| 10  | 1.7 | 6.5 | 16.1 | 54.2 | 74.9 | 144.8 | 1817.9 | 7154.1 | 7154.1 | 1817.9 | 144.8 | 74.9 | 54.2 | 16.1 | 6.5 | 1.7 |
| 0   |     | 6.5 | 16.1 | 54.2 | 74.9 | 144.8 | 1817.9 | 7154.1 | 7154.1 | 1817.9 | 144.8 | 74.9 | 54.2 | 16.1 | 6.5 |     |
| -10 | 1.3 | 6.0 | 15.4 | 46.7 | 77.2 | 85.3  | 498.9  | 1863.0 | 1863.0 | 498.9  | 85.3  | 77.2 | 46.7 | 15.4 | 6.0 | 1.3 |
| -20 |     | 4.9 | 14.0 | 31.5 | 74.6 | 82.6  | 90.8   | 157.4  | 157.4  | 90.8   | 82.6  | 74.6 | 31.5 | 14.0 | 4.9 |     |
| -30 | 0.6 | 3.5 | 11.5 | 20.4 | 48.2 | 82.5  | 91.1   | 91.3   | 91.3   | 91.1   | 82.5  | 48.2 | 20.4 | 11.5 | 3.5 | 0.6 |
| -40 |     | 2.0 | 7.7  | 16.1 | 23.6 | 39.9  | 62.9   | 75.5   | 75.5   | 62.9   | 39.9  | 23.6 | 16.1 | 7.7  | 2.0 |     |
| -50 | 0.2 | 0.8 | 3.8  | 9.5  | 16.3 | 22.0  | 25.8   | 27.8   | 27.8   | 25.8   | 22.0  | 16.3 | 9.5  | 3.8  | 0.8 | 0.2 |
| -60 |     | 0.3 | 1.1  | 3.3  | 6.6  | 10.2  | 13.2   | 14.8   | 14.8   | 13.2   | 10.2  | 6.6  | 3.3  | 1.1  | 0.3 |     |
| -70 | 0.1 | 0.5 |      | 1.8  |      | 4.5   |        | 6.0    |        | 4.5    |       | 1.8  |      | 0.5  |     | 0.1 |
| -80 |     | 0.5 |      | 1.8  |      | 4.5   |        | 6.0    |        | 4.5    |       | 1.8  |      | 0.5  |     |     |
| -90 | 0.1 | 0.5 |      | 1.8  |      | 4.5   |        | 6.0    |        | 4.5    |       | 1.8  |      | 0.5  |     | 0.1 |

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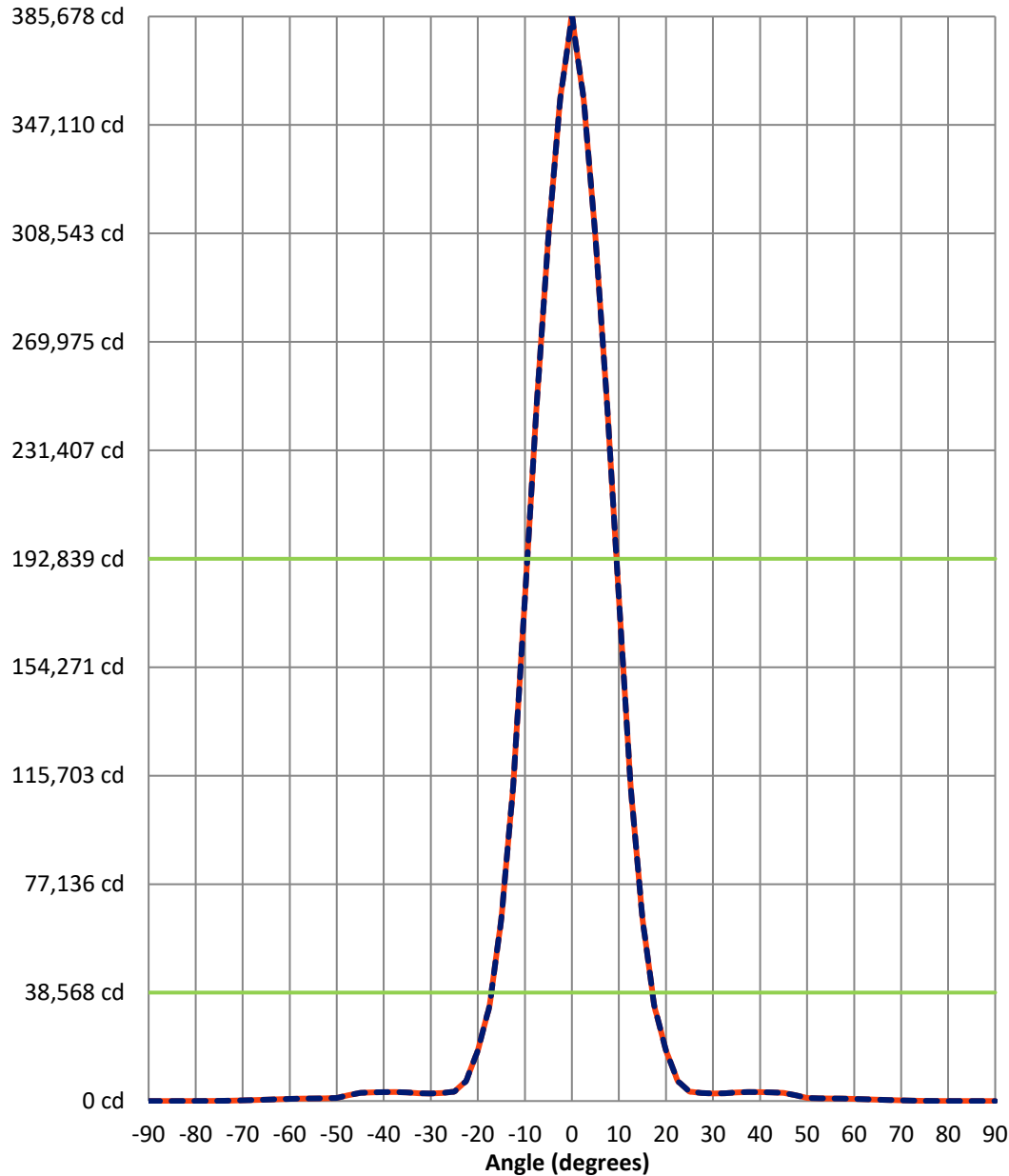
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 19°  
 V Angle: 19°  
 Lumens: 22518.8  
 Efficiency: 43.1%

**Field:**  
 H Angle: 34.3°  
 V Angle: 34.3°  
 Lumens: 41484.4  
 Efficiency: 79.4%

**Spill:**  
 Lumens: 10761.7  
 Efficiency: 20.6%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg

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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| 90°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
| 87.5°  | 0.0  | 0.2    | 0.3  | 0.5    | 0.6  | 0.8    | 1.0  | 1.1    | 1.3   | 1.4    | 1.6   |
| 85°    | 0.0  | 0.3    | 0.6  | 1.0    | 1.3  | 1.6    | 1.9  | 2.2    | 2.5   | 2.8    | 3.1   |
| 82.5°  | 0.0  | 0.5    | 1.0  | 1.4    | 1.9  | 2.4    | 2.9  | 3.3    | 3.8   | 4.1    | 4.4   |
| 80°    | 0.0  | 0.6    | 1.3  | 1.9    | 2.6  | 3.2    | 3.8  | 4.3    | 4.7   | 5.2    | 5.6   |
| 77.5°  | 0.0  | 0.8    | 1.6  | 2.4    | 3.2  | 3.9    | 4.5  | 5.1    | 5.7   | 6.2    | 7.0   |
| 75°    | 0.0  | 1.0    | 1.9  | 2.9    | 3.8  | 4.5    | 5.2  | 5.9    | 6.7   | 8.0    | 9.3   |
| 72.5°  | 0.0  | 1.1    | 2.2  | 3.3    | 4.3  | 5.1    | 5.9  | 6.9    | 8.5   | 10.0   | 11.6  |
| 70°    | 0.0  | 1.3    | 2.5  | 3.8    | 4.7  | 5.7    | 6.7  | 8.5    | 10.3  | 12.1   | 14.1  |
| 67.5°  | 0.0  | 1.4    | 2.8  | 4.1    | 5.2  | 6.2    | 8.0  | 10.0   | 12.1  | 14.4   | 16.7  |
| 65°    | 0.0  | 1.6    | 3.1  | 4.4    | 5.6  | 7.0    | 9.3  | 11.6   | 14.1  | 16.7   | 19.8  |
| 62.5°  | 0.0  | 1.7    | 3.4  | 4.8    | 6.1  | 8.1    | 10.6 | 13.3   | 16.1  | 19.3   | 24.1  |
| 60°    | 0.0  | 1.8    | 3.7  | 5.1    | 6.5  | 9.2    | 11.9 | 15.0   | 18.1  | 23.1   | 28.3  |
| 57.5°  | 0.0  | 2.0    | 3.9  | 5.4    | 7.3  | 10.2   | 13.3 | 16.7   | 21.1  | 26.8   | 38.8  |
| 55°    | 0.0  | 2.1    | 4.1  | 5.7    | 8.1  | 11.2   | 14.7 | 18.3   | 24.3  | 32.3   | 52.2  |
| 52.5°  | 0.0  | 2.3    | 4.3  | 6.0    | 8.8  | 12.2   | 16.1 | 20.9   | 27.5  | 43.9   | 65.1  |
| 50°    | 0.0  | 2.4    | 4.5  | 6.3    | 9.6  | 13.3   | 17.4 | 23.6   | 32.6  | 55.3   | 89.6  |
| 47.5°  | 0.0  | 2.5    | 4.7  | 6.6    | 10.3 | 14.4   | 18.8 | 26.1   | 42.3  | 66.3   | 114.6 |
| 45°    | 0.0  | 2.6    | 4.9  | 7.2    | 11.0 | 15.4   | 20.9 | 28.6   | 51.7  | 87.7   | 138.8 |
| 42.5°  | 0.0  | 2.7    | 5.0  | 7.6    | 11.7 | 16.4   | 22.9 | 34.2   | 60.7  | 108.5  | 169.1 |
| 40°    | 0.0  | 2.8    | 5.2  | 8.1    | 12.4 | 17.3   | 24.9 | 41.7   | 72.2  | 128.5  | 199.2 |
| 37.5°  | 0.0  | 2.9    | 5.3  | 8.6    | 13.1 | 18.2   | 26.7 | 48.8   | 89.0  | 149.3  | 227.9 |
| 35°    | 0.0  | 3.0    | 5.5  | 9.0    | 13.8 | 19.4   | 28.4 | 55.6   | 105.0 | 173.7  | 256.2 |
| 32.5°  | 0.0  | 3.1    | 5.6  | 9.4    | 14.4 | 20.8   | 31.2 | 61.9   | 120.0 | 196.7  | 284.4 |
| 30°    | 0.0  | 3.2    | 5.7  | 9.8    | 15.0 | 22.1   | 36.3 | 69.4   | 134.0 | 218.2  | 310.9 |
| 27.5°  | 0.0  | 3.3    | 5.9  | 10.1   | 15.5 | 23.2   | 41.0 | 80.7   | 148.8 | 238.3  | 335.6 |
| 25°    | 0.0  | 3.4    | 6.0  | 10.4   | 16.0 | 24.3   | 45.3 | 91.2   | 165.1 | 257.9  | 358.5 |
| 22.5°  | 0.0  | 3.4    | 6.1  | 10.7   | 16.5 | 25.3   | 49.3 | 100.7  | 179.9 | 276.5  | 383.6 |
| 20°    | 0.0  | 3.5    | 6.2  | 11.0   | 16.9 | 26.2   | 52.9 | 109.3  | 193.3 | 293.2  | 406.2 |
| 17.5°  | 0.0  | 3.5    | 6.2  | 11.2   | 17.3 | 27.0   | 56.0 | 116.9  | 205.2 | 308.1  | 426.4 |
| 15°    | 0.0  | 3.6    | 6.3  | 11.4   | 17.6 | 27.7   | 58.8 | 123.6  | 215.6 | 321.0  | 443.9 |
| 12.5°  | 0.0  | 3.6    | 6.4  | 11.6   | 17.9 | 28.3   | 61.1 | 129.2  | 224.5 | 332.1  | 458.9 |
| 10°    | 0.0  | 3.6    | 6.4  | 11.7   | 18.1 | 28.7   | 63.1 | 133.9  | 231.7 | 341.2  | 471.2 |
| 7.5°   | 0.0  | 3.7    | 6.5  | 11.9   | 18.3 | 29.1   | 64.6 | 137.5  | 237.4 | 348.3  | 480.8 |
| 5°     | 0.0  | 3.7    | 6.5  | 11.9   | 18.4 | 29.4   | 65.6 | 140.1  | 241.4 | 353.3  | 487.7 |
| 2.5°   | 0.0  | 3.7    | 6.5  | 12.0   | 18.5 | 29.5   | 66.3 | 141.7  | 243.9 | 356.4  | 491.8 |
| 0°     | 0.0  | 3.7    | 6.5  | 12.0   | 18.5 | 29.6   | 66.5 | 142.2  | 244.7 | 357.4  | 493.2 |
| -2.5°  | 0.0  | 3.7    | 6.5  | 12.0   | 18.5 | 29.5   | 66.3 | 141.7  | 243.9 | 356.4  | 491.8 |
| -5°    | 0.0  | 3.7    | 6.5  | 11.9   | 18.4 | 29.4   | 65.6 | 140.1  | 241.4 | 353.3  | 487.7 |
| -7.5°  | 0.0  | 3.7    | 6.5  | 11.9   | 18.3 | 29.1   | 64.6 | 137.5  | 237.4 | 348.3  | 480.8 |
| -10°   | 0.0  | 3.6    | 6.4  | 11.7   | 18.1 | 28.7   | 63.1 | 133.9  | 231.7 | 341.2  | 471.2 |
| -12.5° | 0.0  | 3.6    | 6.4  | 11.6   | 17.9 | 28.3   | 61.1 | 129.2  | 224.5 | 332.1  | 458.9 |
| -15°   | 0.0  | 3.6    | 6.3  | 11.4   | 17.6 | 27.7   | 58.8 | 123.6  | 215.6 | 321.0  | 443.9 |
| -17.5° | 0.0  | 3.5    | 6.2  | 11.2   | 17.3 | 27.0   | 56.0 | 116.9  | 205.2 | 308.1  | 426.4 |
| -20°   | 0.0  | 3.5    | 6.2  | 11.0   | 16.9 | 26.2   | 52.9 | 109.3  | 193.3 | 293.2  | 406.2 |



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 CATALOG NUMBER: EPH-08-320N-57-80-1S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70°  | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 0.0  | 3.4    | 6.1  | 10.7   | 16.5 | 25.3   | 49.3 | 100.7  | 179.9 | 276.5  | 383.6 |
| -25°   | 0.0  | 3.4    | 6.0  | 10.4   | 16.0 | 24.3   | 45.3 | 91.2   | 165.1 | 257.9  | 358.5 |
| -27.5° | 0.0  | 3.3    | 5.9  | 10.1   | 15.5 | 23.2   | 41.0 | 80.7   | 148.8 | 238.3  | 335.6 |
| -30°   | 0.0  | 3.2    | 5.7  | 9.8    | 15.0 | 22.1   | 36.3 | 69.4   | 134.0 | 218.2  | 310.9 |
| -32.5° | 0.0  | 3.1    | 5.6  | 9.4    | 14.4 | 20.8   | 31.2 | 61.9   | 120.0 | 196.7  | 284.4 |
| -35°   | 0.0  | 3.0    | 5.5  | 9.0    | 13.8 | 19.4   | 28.4 | 55.6   | 105.0 | 173.7  | 256.2 |
| -37.5° | 0.0  | 2.9    | 5.3  | 8.6    | 13.1 | 18.2   | 26.7 | 48.8   | 89.0  | 149.3  | 227.9 |
| -40°   | 0.0  | 2.8    | 5.2  | 8.1    | 12.4 | 17.3   | 24.9 | 41.7   | 72.2  | 128.5  | 199.2 |
| -42.5° | 0.0  | 2.7    | 5.0  | 7.6    | 11.7 | 16.4   | 22.9 | 34.2   | 60.7  | 108.5  | 169.1 |
| -45°   | 0.0  | 2.6    | 4.9  | 7.2    | 11.0 | 15.4   | 20.9 | 28.6   | 51.7  | 87.7   | 138.8 |
| -47.5° | 0.0  | 2.5    | 4.7  | 6.6    | 10.3 | 14.4   | 18.8 | 26.1   | 42.3  | 66.3   | 114.6 |
| -50°   | 0.0  | 2.4    | 4.5  | 6.3    | 9.6  | 13.3   | 17.4 | 23.6   | 32.6  | 55.3   | 89.6  |
| -52.5° | 0.0  | 2.3    | 4.3  | 6.0    | 8.8  | 12.2   | 16.1 | 20.9   | 27.5  | 43.9   | 65.1  |
| -55°   | 0.0  | 2.1    | 4.1  | 5.7    | 8.1  | 11.2   | 14.7 | 18.3   | 24.3  | 32.3   | 52.2  |
| -57.5° | 0.0  | 2.0    | 3.9  | 5.4    | 7.3  | 10.2   | 13.3 | 16.7   | 21.1  | 26.8   | 38.8  |
| -60°   | 0.0  | 1.8    | 3.7  | 5.1    | 6.5  | 9.2    | 11.9 | 15.0   | 18.1  | 23.1   | 28.3  |
| -62.5° | 0.0  | 1.7    | 3.4  | 4.8    | 6.1  | 8.1    | 10.6 | 13.3   | 16.1  | 19.3   | 24.1  |
| -65°   | 0.0  | 1.6    | 3.1  | 4.4    | 5.6  | 7.0    | 9.3  | 11.6   | 14.1  | 16.7   | 19.8  |
| -67.5° | 0.0  | 1.4    | 2.8  | 4.1    | 5.2  | 6.2    | 8.0  | 10.0   | 12.1  | 14.4   | 16.7  |
| -70°   | 0.0  | 1.3    | 2.5  | 3.8    | 4.7  | 5.7    | 6.7  | 8.5    | 10.3  | 12.1   | 14.1  |
| -72.5° | 0.0  | 1.1    | 2.2  | 3.3    | 4.3  | 5.1    | 5.9  | 6.9    | 8.5   | 10.0   | 11.6  |
| -75°   | 0.0  | 1.0    | 1.9  | 2.9    | 3.8  | 4.5    | 5.2  | 5.9    | 6.7   | 8.0    | 9.3   |
| -77.5° | 0.0  | 0.8    | 1.6  | 2.4    | 3.2  | 3.9    | 4.5  | 5.1    | 5.7   | 6.2    | 7.0   |
| -80°   | 0.0  | 0.6    | 1.3  | 1.9    | 2.6  | 3.2    | 3.8  | 4.3    | 4.7   | 5.2    | 5.6   |
| -82.5° | 0.0  | 0.5    | 1.0  | 1.4    | 1.9  | 2.4    | 2.9  | 3.3    | 3.8   | 4.1    | 4.4   |
| -85°   | 0.0  | 0.3    | 0.6  | 1.0    | 1.3  | 1.6    | 1.9  | 2.2    | 2.5   | 2.8    | 3.1   |
| -87.5° | 0.0  | 0.2    | 0.3  | 0.5    | 0.6  | 0.8    | 1.0  | 1.1    | 1.3   | 1.4    | 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   |



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 CATALOG NUMBER: EPH-08-320N-57-80-1S-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°  | 1.7    | 1.8   | 2.0    | 2.1   | 2.3    | 2.4    | 2.5    | 2.6    | 2.7    | 2.8    | 2.9    |
| 85°    | 3.4    | 3.7   | 3.9    | 4.1   | 4.3    | 4.5    | 4.7    | 4.9    | 5.0    | 5.2    | 5.3    |
| 82.5°  | 4.8    | 5.1   | 5.4    | 5.7   | 6.0    | 6.3    | 6.6    | 7.2    | 7.6    | 8.1    | 8.6    |
| 80°    | 6.1    | 6.5   | 7.3    | 8.1   | 8.8    | 9.6    | 10.3   | 11.0   | 11.7   | 12.4   | 13.1   |
| 77.5°  | 8.1    | 9.2   | 10.2   | 11.2  | 12.2   | 13.3   | 14.4   | 15.4   | 16.4   | 17.3   | 18.2   |
| 75°    | 10.6   | 11.9  | 13.3   | 14.7  | 16.1   | 17.4   | 18.8   | 20.9   | 22.9   | 24.9   | 26.7   |
| 72.5°  | 13.3   | 15.0  | 16.7   | 18.3  | 20.9   | 23.6   | 26.1   | 28.6   | 34.2   | 41.7   | 48.8   |
| 70°    | 16.1   | 18.1  | 21.1   | 24.3  | 27.5   | 32.6   | 42.3   | 51.7   | 60.7   | 72.2   | 89.0   |
| 67.5°  | 19.3   | 23.1  | 26.8   | 32.3  | 43.9   | 55.3   | 66.3   | 87.7   | 108.5  | 128.5  | 149.3  |
| 65°    | 24.1   | 28.3  | 38.8   | 52.2  | 65.1   | 89.6   | 114.6  | 138.8  | 169.1  | 199.2  | 227.9  |
| 62.5°  | 28.8   | 42.1  | 57.1   | 77.3  | 106.6  | 135.1  | 170.0  | 206.0  | 240.7  | 276.9  | 311.8  |
| 60°    | 42.1   | 58.8  | 84.2   | 116.9 | 151.3  | 193.3  | 234.1  | 276.5  | 318.3  | 358.5  | 404.7  |
| 57.5°  | 57.1   | 84.2  | 120.4  | 160.6 | 207.5  | 253.9  | 302.6  | 349.7  | 402.9  | 455.5  | 506.2  |
| 55°    | 77.3   | 116.9 | 160.6  | 212.2 | 264.4  | 318.4  | 373.7  | 434.9  | 494.1  | 553.0  | 609.3  |
| 52.5°  | 106.6  | 151.3 | 207.5  | 264.4 | 323.7  | 386.5  | 454.4  | 521.1  | 586.9  | 649.1  | 705.4  |
| 50°    | 135.1  | 193.3 | 253.9  | 318.4 | 386.5  | 460.9  | 534.7  | 607.4  | 674.7  | 737.7  | 793.8  |
| 47.5°  | 170.0  | 234.1 | 302.6  | 373.7 | 454.4  | 534.7  | 614.3  | 687.6  | 757.2  | 816.8  | 873.3  |
| 45°    | 206.0  | 276.5 | 349.7  | 434.9 | 521.1  | 607.4  | 687.6  | 763.8  | 828.4  | 881.8  | 901.4  |
| 42.5°  | 240.7  | 318.3 | 402.9  | 494.1 | 586.9  | 674.7  | 757.2  | 828.4  | 883.7  | 905.3  | 930.2  |
| 40°    | 276.9  | 358.5 | 455.5  | 553.0 | 649.1  | 737.7  | 816.8  | 881.8  | 905.3  | 932.9  | 962.7  |
| 37.5°  | 311.8  | 404.7 | 506.2  | 609.3 | 705.4  | 793.8  | 873.3  | 901.4  | 930.2  | 962.7  | 1052.1 |
| 35°    | 345.0  | 448.6 | 555.7  | 660.9 | 759.2  | 844.3  | 893.7  | 922.2  | 957.3  | 1043.9 | 1317.0 |
| 32.5°  | 380.2  | 490.0 | 602.5  | 708.1 | 804.3  | 882.2  | 910.4  | 946.4  | 1019.6 | 1205.8 | 1886.7 |
| 30°    | 415.6  | 530.2 | 645.6  | 752.6 | 846.3  | 897.0  | 930.4  | 979.4  | 1091.4 | 1716.7 | 2377.3 |
| 27.5°  | 448.6  | 567.8 | 683.8  | 790.2 | 880.1  | 910.8  | 950.6  | 1042.7 | 1437.3 | 2181.7 | 2814.3 |
| 25°    | 479.0  | 602.5 | 719.1  | 823.8 | 891.9  | 926.9  | 979.1  | 1101.7 | 1859.5 | 2565.3 | 2971.5 |
| 22.5°  | 507.4  | 634.2 | 751.4  | 854.7 | 902.8  | 942.9  | 1029.6 | 1416.9 | 2224.6 | 2908.1 | 3051.3 |
| 20°    | 533.4  | 660.9 | 778.5  | 879.1 | 912.7  | 957.4  | 1075.6 | 1747.9 | 2527.1 | 2976.2 | 3105.5 |
| 17.5°  | 556.5  | 684.7 | 801.3  | 887.2 | 924.1  | 982.3  | 1154.7 | 2045.2 | 2799.5 | 3037.6 | 3145.5 |
| 15°    | 576.8  | 705.4 | 821.3  | 894.3 | 934.6  | 1015.6 | 1396.0 | 2272.5 | 2932.8 | 3085.8 | 3180.2 |
| 12.5°  | 594.0  | 723.1 | 838.3  | 900.3 | 943.5  | 1044.1 | 1602.7 | 2462.7 | 2975.9 | 3114.0 | 3189.8 |
| 10°    | 608.2  | 737.7 | 852.3  | 905.3 | 950.9  | 1067.7 | 1773.7 | 2620.2 | 3011.7 | 3137.4 | 3197.7 |
| 7.5°   | 619.3  | 749.1 | 863.2  | 909.2 | 956.7  | 1086.2 | 1907.8 | 2743.9 | 3039.8 | 3155.9 | 3204.0 |
| 5°     | 627.2  | 757.2 | 871.1  | 912.0 | 960.9  | 1099.4 | 2004.2 | 2833.0 | 3060.1 | 3169.2 | 3208.5 |
| 2.5°   | 632.0  | 762.2 | 875.8  | 913.7 | 963.4  | 1107.4 | 2062.3 | 2886.7 | 3072.3 | 3177.2 | 3211.3 |
| 0°     | 633.6  | 763.8 | 877.4  | 914.3 | 964.2  | 1110.1 | 2081.7 | 2904.6 | 3076.4 | 3179.9 | 3212.2 |
| -2.5°  | 632.0  | 762.2 | 875.8  | 913.7 | 963.4  | 1107.4 | 2062.3 | 2886.7 | 3072.3 | 3177.2 | 3211.3 |
| -5°    | 627.2  | 757.2 | 871.1  | 912.0 | 960.9  | 1099.4 | 2004.2 | 2833.0 | 3060.1 | 3169.2 | 3208.5 |
| -7.5°  | 619.3  | 749.1 | 863.2  | 909.2 | 956.7  | 1086.2 | 1907.8 | 2743.9 | 3039.8 | 3155.9 | 3204.0 |
| -10°   | 608.2  | 737.7 | 852.3  | 905.3 | 950.9  | 1067.7 | 1773.7 | 2620.2 | 3011.7 | 3137.4 | 3197.7 |
| -12.5° | 594.0  | 723.1 | 838.3  | 900.3 | 943.5  | 1044.1 | 1602.7 | 2462.7 | 2975.9 | 3114.0 | 3189.8 |
| -15°   | 576.8  | 705.4 | 821.3  | 894.3 | 934.6  | 1015.6 | 1396.0 | 2272.5 | 2932.8 | 3085.8 | 3180.2 |
| -17.5° | 556.5  | 684.7 | 801.3  | 887.2 | 924.1  | 982.3  | 1154.7 | 2045.2 | 2799.5 | 3037.6 | 3145.5 |
| -20°   | 533.4  | 660.9 | 778.5  | 879.1 | 912.7  | 957.4  | 1075.6 | 1747.9 | 2527.1 | 2976.2 | 3105.5 |



REPORT NUMBER: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-80-1S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°   | -42.5° | -40°   | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| -22.5° | 507.4  | 634.2 | 751.4  | 854.7 | 902.8  | 942.9 | 1029.6 | 1416.9 | 2224.6 | 2908.1 | 3051.3 |
| -25°   | 479.0  | 602.5 | 719.1  | 823.8 | 891.9  | 926.9 | 979.1  | 1101.7 | 1859.5 | 2565.3 | 2971.5 |
| -27.5° | 448.6  | 567.8 | 683.8  | 790.2 | 880.1  | 910.8 | 950.6  | 1042.7 | 1437.3 | 2181.7 | 2814.3 |
| -30°   | 415.6  | 530.2 | 645.6  | 752.6 | 846.3  | 897.0 | 930.4  | 979.4  | 1091.4 | 1716.7 | 2377.3 |
| -32.5° | 380.2  | 490.0 | 602.5  | 708.1 | 804.3  | 882.2 | 910.4  | 946.4  | 1019.6 | 1205.8 | 1886.7 |
| -35°   | 345.0  | 448.6 | 555.7  | 660.9 | 759.2  | 844.3 | 893.7  | 922.2  | 957.3  | 1043.9 | 1317.0 |
| -37.5° | 311.8  | 404.7 | 506.2  | 609.3 | 705.4  | 793.8 | 873.3  | 901.4  | 930.2  | 962.7  | 1052.1 |
| -40°   | 276.9  | 358.5 | 455.5  | 553.0 | 649.1  | 737.7 | 816.8  | 881.8  | 905.3  | 932.9  | 962.7  |
| -42.5° | 240.7  | 318.3 | 402.9  | 494.1 | 586.9  | 674.7 | 757.2  | 828.4  | 883.7  | 905.3  | 930.2  |
| -45°   | 206.0  | 276.5 | 349.7  | 434.9 | 521.1  | 607.4 | 687.6  | 763.8  | 828.4  | 881.8  | 901.4  |
| -47.5° | 170.0  | 234.1 | 302.6  | 373.7 | 454.4  | 534.7 | 614.3  | 687.6  | 757.2  | 816.8  | 873.3  |
| -50°   | 135.1  | 193.3 | 253.9  | 318.4 | 386.5  | 460.9 | 534.7  | 607.4  | 674.7  | 737.7  | 793.8  |
| -52.5° | 106.6  | 151.3 | 207.5  | 264.4 | 323.7  | 386.5 | 454.4  | 521.1  | 586.9  | 649.1  | 705.4  |
| -55°   | 77.3   | 116.9 | 160.6  | 212.2 | 264.4  | 318.4 | 373.7  | 434.9  | 494.1  | 553.0  | 609.3  |
| -57.5° | 57.1   | 84.2  | 120.4  | 160.6 | 207.5  | 253.9 | 302.6  | 349.7  | 402.9  | 455.5  | 506.2  |
| -60°   | 42.1   | 58.8  | 84.2   | 116.9 | 151.3  | 193.3 | 234.1  | 276.5  | 318.3  | 358.5  | 404.7  |
| -62.5° | 28.8   | 42.1  | 57.1   | 77.3  | 106.6  | 135.1 | 170.0  | 206.0  | 240.7  | 276.9  | 311.8  |
| -65°   | 24.1   | 28.3  | 38.8   | 52.2  | 65.1   | 89.6  | 114.6  | 138.8  | 169.1  | 199.2  | 227.9  |
| -67.5° | 19.3   | 23.1  | 26.8   | 32.3  | 43.9   | 55.3  | 66.3   | 87.7   | 108.5  | 128.5  | 149.3  |
| -70°   | 16.1   | 18.1  | 21.1   | 24.3  | 27.5   | 32.6  | 42.3   | 51.7   | 60.7   | 72.2   | 89.0   |
| -72.5° | 13.3   | 15.0  | 16.7   | 18.3  | 20.9   | 23.6  | 26.1   | 28.6   | 34.2   | 41.7   | 48.8   |
| -75°   | 10.6   | 11.9  | 13.3   | 14.7  | 16.1   | 17.4  | 18.8   | 20.9   | 22.9   | 24.9   | 26.7   |
| -77.5° | 8.1    | 9.2   | 10.2   | 11.2  | 12.2   | 13.3  | 14.4   | 15.4   | 16.4   | 17.3   | 18.2   |
| -80°   | 6.1    | 6.5   | 7.3    | 8.1   | 8.8    | 9.6   | 10.3   | 11.0   | 11.7   | 12.4   | 13.1   |
| -82.5° | 4.8    | 5.1   | 5.4    | 5.7   | 6.0    | 6.3   | 6.6    | 7.2    | 7.6    | 8.1    | 8.6    |
| -85°   | 3.4    | 3.7   | 3.9    | 4.1   | 4.3    | 4.5   | 4.7    | 4.9    | 5.0    | 5.2    | 5.3    |
| -87.5° | 1.7    | 1.8   | 2.0    | 2.1   | 2.3    | 2.4   | 2.5    | 2.6    | 2.7    | 2.8    | 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: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-80-1S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°    | -17.5°  | -15°    | -12.5°   | -10°     |
|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|----------|----------|
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0      | 0.0      |
| 87.5°  | 3.0    | 3.1    | 3.2    | 3.3    | 3.4    | 3.4    | 3.5     | 3.5     | 3.6     | 3.6      | 3.6      |
| 85°    | 5.5    | 5.6    | 5.7    | 5.9    | 6.0    | 6.1    | 6.2     | 6.2     | 6.3     | 6.4      | 6.4      |
| 82.5°  | 9.0    | 9.4    | 9.8    | 10.1   | 10.4   | 10.7   | 11.0    | 11.2    | 11.4    | 11.6     | 11.7     |
| 80°    | 13.8   | 14.4   | 15.0   | 15.5   | 16.0   | 16.5   | 16.9    | 17.3    | 17.6    | 17.9     | 18.1     |
| 77.5°  | 19.4   | 20.8   | 22.1   | 23.2   | 24.3   | 25.3   | 26.2    | 27.0    | 27.7    | 28.3     | 28.7     |
| 75°    | 28.4   | 31.2   | 36.3   | 41.0   | 45.3   | 49.3   | 52.9    | 56.0    | 58.8    | 61.1     | 63.1     |
| 72.5°  | 55.6   | 61.9   | 69.4   | 80.7   | 91.2   | 100.7  | 109.3   | 116.9   | 123.6   | 129.2    | 133.9    |
| 70°    | 105.0  | 120.0  | 134.0  | 148.8  | 165.1  | 179.9  | 193.3   | 205.2   | 215.6   | 224.5    | 231.7    |
| 67.5°  | 173.7  | 196.7  | 218.2  | 238.3  | 257.9  | 276.5  | 293.2   | 308.1   | 321.0   | 332.1    | 341.2    |
| 65°    | 256.2  | 284.4  | 310.9  | 335.6  | 358.5  | 383.6  | 406.2   | 426.4   | 443.9   | 458.9    | 471.2    |
| 62.5°  | 345.0  | 380.2  | 415.6  | 448.6  | 479.0  | 507.4  | 533.4   | 556.5   | 576.8   | 594.0    | 608.2    |
| 60°    | 448.6  | 490.0  | 530.2  | 567.8  | 602.5  | 634.2  | 660.9   | 684.7   | 705.4   | 723.1    | 737.7    |
| 57.5°  | 555.7  | 602.5  | 645.6  | 683.8  | 719.1  | 751.4  | 778.5   | 801.3   | 821.3   | 838.3    | 852.3    |
| 55°    | 660.9  | 708.1  | 752.6  | 790.2  | 823.8  | 854.7  | 879.1   | 887.2   | 894.3   | 900.3    | 905.3    |
| 52.5°  | 759.2  | 804.3  | 846.3  | 880.1  | 891.9  | 902.8  | 912.7   | 924.1   | 934.6   | 943.5    | 950.9    |
| 50°    | 844.3  | 882.2  | 897.0  | 910.8  | 926.9  | 942.9  | 957.4   | 982.3   | 1015.6  | 1044.1   | 1067.7   |
| 47.5°  | 893.7  | 910.4  | 930.4  | 950.6  | 979.1  | 1029.6 | 1075.6  | 1154.7  | 1396.0  | 1602.7   | 1773.7   |
| 45°    | 922.2  | 946.4  | 979.4  | 1042.7 | 1101.7 | 1416.9 | 1747.9  | 2045.2  | 2272.5  | 2462.7   | 2620.2   |
| 42.5°  | 957.3  | 1019.6 | 1091.4 | 1437.3 | 1859.5 | 2224.6 | 2527.1  | 2799.5  | 2932.8  | 2975.9   | 3011.7   |
| 40°    | 1043.9 | 1205.8 | 1716.7 | 2181.7 | 2565.3 | 2908.1 | 2976.2  | 3037.6  | 3085.8  | 3114.0   | 3137.4   |
| 37.5°  | 1317.0 | 1886.7 | 2377.3 | 2814.3 | 2971.5 | 3051.3 | 3105.5  | 3145.5  | 3180.2  | 3189.8   | 3197.7   |
| 35°    | 1943.8 | 2476.3 | 2917.4 | 3014.7 | 3094.5 | 3146.1 | 3184.2  | 3197.7  | 3209.6  | 3175.3   | 3134.4   |
| 32.5°  | 2476.3 | 2928.1 | 3036.5 | 3114.7 | 3173.7 | 3195.2 | 3211.2  | 3148.3  | 3087.0  | 3009.7   | 2923.7   |
| 30°    | 2917.4 | 3036.5 | 3121.5 | 3182.4 | 3202.0 | 3173.2 | 3092.2  | 2979.4  | 2851.4  | 2759.4   | 2735.4   |
| 27.5°  | 3014.7 | 3114.7 | 3182.4 | 3204.3 | 3151.0 | 3055.8 | 2888.1  | 2757.9  | 2722.5  | 2691.4   | 2755.1   |
| 25°    | 3094.5 | 3173.7 | 3202.0 | 3151.0 | 3033.4 | 2841.5 | 2739.4  | 2697.0  | 2771.4  | 2854.4   | 3009.6   |
| 22.5°  | 3146.1 | 3195.2 | 3173.2 | 3055.8 | 2841.5 | 2733.2 | 2709.3  | 2821.4  | 3006.1  | 3248.6   | 4090.8   |
| 20°    | 3184.2 | 3211.2 | 3092.2 | 2888.1 | 2739.4 | 2709.3 | 2838.3  | 3101.0  | 3641.8  | 5699.8   | 8135.1   |
| 17.5°  | 3197.7 | 3148.3 | 2979.4 | 2757.9 | 2697.0 | 2821.4 | 3101.0  | 4035.1  | 6534.0  | 11951.2  | 17666.1  |
| 15°    | 3209.6 | 3087.0 | 2851.4 | 2722.5 | 2771.4 | 3006.1 | 3641.8  | 6534.0  | 13260.1 | 21627.8  | 31023.4  |
| 12.5°  | 3175.3 | 3009.7 | 2759.4 | 2691.4 | 2854.4 | 3248.6 | 5699.8  | 11951.2 | 21627.8 | 33305.4  | 53085.4  |
| 10°    | 3134.4 | 2923.7 | 2735.4 | 2755.1 | 3009.6 | 4090.8 | 8135.1  | 17666.1 | 31023.4 | 53085.4  | 79940.3  |
| 7.5°   | 3102.1 | 2855.6 | 2716.4 | 2806.4 | 3160.6 | 5388.1 | 12323.2 | 24442.4 | 43500.6 | 72551.6  | 112248.5 |
| 5°     | 3078.7 | 2806.1 | 2702.5 | 2843.8 | 3271.4 | 6344.5 | 15434.8 | 29649.4 | 55124.9 | 92200.3  | 145150.2 |
| 2.5°   | 3064.5 | 2776.1 | 2694.1 | 2866.5 | 3339.0 | 6931.3 | 17354.8 | 32888.7 | 62443.8 | 106367.0 | 169765.0 |
| 0°     | 3059.8 | 2766.1 | 2691.3 | 2874.2 | 3361.8 | 7129.1 | 18004.2 | 33989.4 | 64947.6 | 111742.4 | 178557.4 |
| -2.5°  | 3064.5 | 2776.1 | 2694.1 | 2866.5 | 3339.0 | 6931.3 | 17354.8 | 32888.7 | 62443.8 | 106367.0 | 169765.0 |
| -5°    | 3078.7 | 2806.1 | 2702.5 | 2843.8 | 3271.4 | 6344.5 | 15434.8 | 29649.4 | 55124.9 | 92200.3  | 145150.2 |
| -7.5°  | 3102.1 | 2855.6 | 2716.4 | 2806.4 | 3160.6 | 5388.1 | 12323.2 | 24442.4 | 43500.6 | 72551.6  | 112248.5 |
| -10°   | 3134.4 | 2923.7 | 2735.4 | 2755.1 | 3009.6 | 4090.8 | 8135.1  | 17666.1 | 31023.4 | 53085.4  | 79940.3  |
| -12.5° | 3175.3 | 3009.7 | 2759.4 | 2691.4 | 2854.4 | 3248.6 | 5699.8  | 11951.2 | 21627.8 | 33305.4  | 53085.4  |
| -15°   | 3209.6 | 3087.0 | 2851.4 | 2722.5 | 2771.4 | 3006.1 | 3641.8  | 6534.0  | 13260.1 | 21627.8  | 31023.4  |
| -17.5° | 3197.7 | 3148.3 | 2979.4 | 2757.9 | 2697.0 | 2821.4 | 3101.0  | 4035.1  | 6534.0  | 11951.2  | 17666.1  |
| -20°   | 3184.2 | 3211.2 | 3092.2 | 2888.1 | 2739.4 | 2709.3 | 2838.3  | 3101.0  | 3641.8  | 5699.8   | 8135.1   |



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**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 3146.1 | 3195.2 | 3173.2 | 3055.8 | 2841.5 | 2733.2 | 2709.3 | 2821.4 | 3006.1 | 3248.6 | 4090.8 |
| -25°   | 3094.5 | 3173.7 | 3202.0 | 3151.0 | 3033.4 | 2841.5 | 2739.4 | 2697.0 | 2771.4 | 2854.4 | 3009.6 |
| -27.5° | 3014.7 | 3114.7 | 3182.4 | 3204.3 | 3151.0 | 3055.8 | 2888.1 | 2757.9 | 2722.5 | 2691.4 | 2755.1 |
| -30°   | 2917.4 | 3036.5 | 3121.5 | 3182.4 | 3202.0 | 3173.2 | 3092.2 | 2979.4 | 2851.4 | 2759.4 | 2735.4 |
| -32.5° | 2476.3 | 2928.1 | 3036.5 | 3114.7 | 3173.7 | 3195.2 | 3211.2 | 3148.3 | 3087.0 | 3009.7 | 2923.7 |
| -35°   | 1943.8 | 2476.3 | 2917.4 | 3014.7 | 3094.5 | 3146.1 | 3184.2 | 3197.7 | 3209.6 | 3175.3 | 3134.4 |
| -37.5° | 1317.0 | 1886.7 | 2377.3 | 2814.3 | 2971.5 | 3051.3 | 3105.5 | 3145.5 | 3180.2 | 3189.8 | 3197.7 |
| -40°   | 1043.9 | 1205.8 | 1716.7 | 2181.7 | 2565.3 | 2908.1 | 2976.2 | 3037.6 | 3085.8 | 3114.0 | 3137.4 |
| -42.5° | 957.3  | 1019.6 | 1091.4 | 1437.3 | 1859.5 | 2224.6 | 2527.1 | 2799.5 | 2932.8 | 2975.9 | 3011.7 |
| -45°   | 922.2  | 946.4  | 979.4  | 1042.7 | 1101.7 | 1416.9 | 1747.9 | 2045.2 | 2272.5 | 2462.7 | 2620.2 |
| -47.5° | 893.7  | 910.4  | 930.4  | 950.6  | 979.1  | 1029.6 | 1075.6 | 1154.7 | 1396.0 | 1602.7 | 1773.7 |
| -50°   | 844.3  | 882.2  | 897.0  | 910.8  | 926.9  | 942.9  | 957.4  | 982.3  | 1015.6 | 1044.1 | 1067.7 |
| -52.5° | 759.2  | 804.3  | 846.3  | 880.1  | 891.9  | 902.8  | 912.7  | 924.1  | 934.6  | 943.5  | 950.9  |
| -55°   | 660.9  | 708.1  | 752.6  | 790.2  | 823.8  | 854.7  | 879.1  | 887.2  | 894.3  | 900.3  | 905.3  |
| -57.5° | 555.7  | 602.5  | 645.6  | 683.8  | 719.1  | 751.4  | 778.5  | 801.3  | 821.3  | 838.3  | 852.3  |
| -60°   | 448.6  | 490.0  | 530.2  | 567.8  | 602.5  | 634.2  | 660.9  | 684.7  | 705.4  | 723.1  | 737.7  |
| -62.5° | 345.0  | 380.2  | 415.6  | 448.6  | 479.0  | 507.4  | 533.4  | 556.5  | 576.8  | 594.0  | 608.2  |
| -65°   | 256.2  | 284.4  | 310.9  | 335.6  | 358.5  | 383.6  | 406.2  | 426.4  | 443.9  | 458.9  | 471.2  |
| -67.5° | 173.7  | 196.7  | 218.2  | 238.3  | 257.9  | 276.5  | 293.2  | 308.1  | 321.0  | 332.1  | 341.2  |
| -70°   | 105.0  | 120.0  | 134.0  | 148.8  | 165.1  | 179.9  | 193.3  | 205.2  | 215.6  | 224.5  | 231.7  |
| -72.5° | 55.6   | 61.9   | 69.4   | 80.7   | 91.2   | 100.7  | 109.3  | 116.9  | 123.6  | 129.2  | 133.9  |
| -75°   | 28.4   | 31.2   | 36.3   | 41.0   | 45.3   | 49.3   | 52.9   | 56.0   | 58.8   | 61.1   | 63.1   |
| -77.5° | 19.4   | 20.8   | 22.1   | 23.2   | 24.3   | 25.3   | 26.2   | 27.0   | 27.7   | 28.3   | 28.7   |
| -80°   | 13.8   | 14.4   | 15.0   | 15.5   | 16.0   | 16.5   | 16.9   | 17.3   | 17.6   | 17.9   | 18.1   |
| -82.5° | 9.0    | 9.4    | 9.8    | 10.1   | 10.4   | 10.7   | 11.0   | 11.2   | 11.4   | 11.6   | 11.7   |
| -85°   | 5.5    | 5.6    | 5.7    | 5.9    | 6.0    | 6.1    | 6.2    | 6.2    | 6.3    | 6.4    | 6.4    |
| -87.5° | 3.0    | 3.1    | 3.2    | 3.3    | 3.4    | 3.4    | 3.5    | 3.5    | 3.6    | 3.6    | 3.6    |
| -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: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-80-1S-HEG-A

**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°  | 3.7      | 3.7      | 3.7      | 3.7      | 3.7      | 3.7      | 3.7      | 3.6      | 3.6      | 3.6     | 3.5     |
| 85°    | 6.5      | 6.5      | 6.5      | 6.5      | 6.5      | 6.5      | 6.5      | 6.4      | 6.4      | 6.3     | 6.2     |
| 82.5°  | 11.9     | 11.9     | 12.0     | 12.0     | 12.0     | 11.9     | 11.9     | 11.7     | 11.6     | 11.4    | 11.2    |
| 80°    | 18.3     | 18.4     | 18.5     | 18.5     | 18.5     | 18.4     | 18.3     | 18.1     | 17.9     | 17.6    | 17.3    |
| 77.5°  | 29.1     | 29.4     | 29.5     | 29.6     | 29.5     | 29.4     | 29.1     | 28.7     | 28.3     | 27.7    | 27.0    |
| 75°    | 64.6     | 65.6     | 66.3     | 66.5     | 66.3     | 65.6     | 64.6     | 63.1     | 61.1     | 58.8    | 56.0    |
| 72.5°  | 137.5    | 140.1    | 141.7    | 142.2    | 141.7    | 140.1    | 137.5    | 133.9    | 129.2    | 123.6   | 116.9   |
| 70°    | 237.4    | 241.4    | 243.9    | 244.7    | 243.9    | 241.4    | 237.4    | 231.7    | 224.5    | 215.6   | 205.2   |
| 67.5°  | 348.3    | 353.3    | 356.4    | 357.4    | 356.4    | 353.3    | 348.3    | 341.2    | 332.1    | 321.0   | 308.1   |
| 65°    | 480.8    | 487.7    | 491.8    | 493.2    | 491.8    | 487.7    | 480.8    | 471.2    | 458.9    | 443.9   | 426.4   |
| 62.5°  | 619.3    | 627.2    | 632.0    | 633.6    | 632.0    | 627.2    | 619.3    | 608.2    | 594.0    | 576.8   | 556.5   |
| 60°    | 749.1    | 757.2    | 762.2    | 763.8    | 762.2    | 757.2    | 749.1    | 737.7    | 723.1    | 705.4   | 684.7   |
| 57.5°  | 863.2    | 871.1    | 875.8    | 877.4    | 875.8    | 871.1    | 863.2    | 852.3    | 838.3    | 821.3   | 801.3   |
| 55°    | 909.2    | 912.0    | 913.7    | 914.3    | 913.7    | 912.0    | 909.2    | 905.3    | 900.3    | 894.3   | 887.2   |
| 52.5°  | 956.7    | 960.9    | 963.4    | 964.2    | 963.4    | 960.9    | 956.7    | 950.9    | 943.5    | 934.6   | 924.1   |
| 50°    | 1086.2   | 1099.4   | 1107.4   | 1110.1   | 1107.4   | 1099.4   | 1086.2   | 1067.7   | 1044.1   | 1015.6  | 982.3   |
| 47.5°  | 1907.8   | 2004.2   | 2062.3   | 2081.7   | 2062.3   | 2004.2   | 1907.8   | 1773.7   | 1602.7   | 1396.0  | 1154.7  |
| 45°    | 2743.9   | 2833.0   | 2886.7   | 2904.6   | 2886.7   | 2833.0   | 2743.9   | 2620.2   | 2462.7   | 2272.5  | 2045.2  |
| 42.5°  | 3039.8   | 3060.1   | 3072.3   | 3076.4   | 3072.3   | 3060.1   | 3039.8   | 3011.7   | 2975.9   | 2932.8  | 2799.5  |
| 40°    | 3155.9   | 3169.2   | 3177.2   | 3179.9   | 3177.2   | 3169.2   | 3155.9   | 3137.4   | 3114.0   | 3085.8  | 3037.6  |
| 37.5°  | 3204.0   | 3208.5   | 3211.3   | 3212.2   | 3211.3   | 3208.5   | 3204.0   | 3197.7   | 3189.8   | 3180.2  | 3145.5  |
| 35°    | 3102.1   | 3078.7   | 3064.5   | 3059.8   | 3064.5   | 3078.7   | 3102.1   | 3134.4   | 3175.3   | 3209.6  | 3197.7  |
| 32.5°  | 2855.6   | 2806.1   | 2776.1   | 2766.1   | 2776.1   | 2806.1   | 2855.6   | 2923.7   | 3009.7   | 3087.0  | 3148.3  |
| 30°    | 2716.4   | 2702.5   | 2694.1   | 2691.3   | 2694.1   | 2702.5   | 2716.4   | 2735.4   | 2759.4   | 2851.4  | 2979.4  |
| 27.5°  | 2806.4   | 2843.8   | 2866.5   | 2874.2   | 2866.5   | 2843.8   | 2806.4   | 2755.1   | 2691.4   | 2722.5  | 2757.9  |
| 25°    | 3160.6   | 3271.4   | 3339.0   | 3361.8   | 3339.0   | 3271.4   | 3160.6   | 3009.6   | 2854.4   | 2771.4  | 2697.0  |
| 22.5°  | 5388.1   | 6344.5   | 6931.3   | 7129.1   | 6931.3   | 6344.5   | 5388.1   | 4090.8   | 3248.6   | 3006.1  | 2821.4  |
| 20°    | 12323.2  | 15434.8  | 17354.8  | 18004.2  | 17354.8  | 15434.8  | 12323.2  | 8135.1   | 5699.8   | 3641.8  | 3101.0  |
| 17.5°  | 24442.4  | 29649.4  | 32888.7  | 33989.4  | 32888.7  | 29649.4  | 24442.4  | 17666.1  | 11951.2  | 6534.0  | 4035.1  |
| 15°    | 43500.6  | 55124.9  | 62443.8  | 64947.6  | 62443.8  | 55124.9  | 43500.6  | 31023.4  | 21627.8  | 13260.1 | 6534.0  |
| 12.5°  | 72551.6  | 92200.3  | 106367.0 | 111742.4 | 106367.0 | 92200.3  | 72551.6  | 53085.4  | 33305.4  | 21627.8 | 11951.2 |
| 10°    | 112248.5 | 145150.2 | 169765.0 | 178557.4 | 169765.0 | 145150.2 | 112248.5 | 79940.3  | 53085.4  | 31023.4 | 17666.1 |
| 7.5°   | 161490.5 | 205711.7 | 236784.0 | 247363.2 | 236784.0 | 205711.7 | 161490.5 | 112248.5 | 72551.6  | 43500.6 | 24442.4 |
| 5°     | 205711.7 | 258728.9 | 294190.2 | 307308.3 | 294190.2 | 258728.9 | 205711.7 | 145150.2 | 92200.3  | 55124.9 | 29649.4 |
| 2.5°   | 236784.0 | 294190.2 | 336267.7 | 356219.4 | 336267.7 | 294190.2 | 236784.0 | 169765.0 | 106367.0 | 62443.8 | 32888.7 |
| 0°     | 247363.2 | 307308.3 | 356219.4 | 385678.2 | 356219.4 | 307308.3 | 247363.2 | 178557.4 | 111742.4 | 64947.6 | 33989.4 |
| -2.5°  | 236784.0 | 294190.2 | 336267.7 | 356219.4 | 336267.7 | 294190.2 | 236784.0 | 169765.0 | 106367.0 | 62443.8 | 32888.7 |
| -5°    | 205711.7 | 258728.9 | 294190.2 | 307308.3 | 294190.2 | 258728.9 | 205711.7 | 145150.2 | 92200.3  | 55124.9 | 29649.4 |
| -7.5°  | 161490.5 | 205711.7 | 236784.0 | 247363.2 | 236784.0 | 205711.7 | 161490.5 | 112248.5 | 72551.6  | 43500.6 | 24442.4 |
| -10°   | 112248.5 | 145150.2 | 169765.0 | 178557.4 | 169765.0 | 145150.2 | 112248.5 | 79940.3  | 53085.4  | 31023.4 | 17666.1 |
| -12.5° | 72551.6  | 92200.3  | 106367.0 | 111742.4 | 106367.0 | 92200.3  | 72551.6  | 53085.4  | 33305.4  | 21627.8 | 11951.2 |
| -15°   | 43500.6  | 55124.9  | 62443.8  | 64947.6  | 62443.8  | 55124.9  | 43500.6  | 31023.4  | 21627.8  | 13260.1 | 6534.0  |
| -17.5° | 24442.4  | 29649.4  | 32888.7  | 33989.4  | 32888.7  | 29649.4  | 24442.4  | 17666.1  | 11951.2  | 6534.0  | 4035.1  |
| -20°   | 12323.2  | 15434.8  | 17354.8  | 18004.2  | 17354.8  | 15434.8  | 12323.2  | 8135.1   | 5699.8   | 3641.8  | 3101.0  |



REPORT NUMBER: P1305911 (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°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 5388.1 | 6344.5 | 6931.3 | 7129.1 | 6931.3 | 6344.5 | 5388.1 | 4090.8 | 3248.6 | 3006.1 | 2821.4 |
| -25°   | 3160.6 | 3271.4 | 3339.0 | 3361.8 | 3339.0 | 3271.4 | 3160.6 | 3009.6 | 2854.4 | 2771.4 | 2697.0 |
| -27.5° | 2806.4 | 2843.8 | 2866.5 | 2874.2 | 2866.5 | 2843.8 | 2806.4 | 2755.1 | 2691.4 | 2722.5 | 2757.9 |
| -30°   | 2716.4 | 2702.5 | 2694.1 | 2691.3 | 2694.1 | 2702.5 | 2716.4 | 2735.4 | 2759.4 | 2851.4 | 2979.4 |
| -32.5° | 2855.6 | 2806.1 | 2776.1 | 2766.1 | 2776.1 | 2806.1 | 2855.6 | 2923.7 | 3009.7 | 3087.0 | 3148.3 |
| -35°   | 3102.1 | 3078.7 | 3064.5 | 3059.8 | 3064.5 | 3078.7 | 3102.1 | 3134.4 | 3175.3 | 3209.6 | 3197.7 |
| -37.5° | 3204.0 | 3208.5 | 3211.3 | 3212.2 | 3211.3 | 3208.5 | 3204.0 | 3197.7 | 3189.8 | 3180.2 | 3145.5 |
| -40°   | 3155.9 | 3169.2 | 3177.2 | 3179.9 | 3177.2 | 3169.2 | 3155.9 | 3137.4 | 3114.0 | 3085.8 | 3037.6 |
| -42.5° | 3039.8 | 3060.1 | 3072.3 | 3076.4 | 3072.3 | 3060.1 | 3039.8 | 3011.7 | 2975.9 | 2932.8 | 2799.5 |
| -45°   | 2743.9 | 2833.0 | 2886.7 | 2904.6 | 2886.7 | 2833.0 | 2743.9 | 2620.2 | 2462.7 | 2272.5 | 2045.2 |
| -47.5° | 1907.8 | 2004.2 | 2062.3 | 2081.7 | 2062.3 | 2004.2 | 1907.8 | 1773.7 | 1602.7 | 1396.0 | 1154.7 |
| -50°   | 1086.2 | 1099.4 | 1107.4 | 1110.1 | 1107.4 | 1099.4 | 1086.2 | 1067.7 | 1044.1 | 1015.6 | 982.3  |
| -52.5° | 956.7  | 960.9  | 963.4  | 964.2  | 963.4  | 960.9  | 956.7  | 950.9  | 943.5  | 934.6  | 924.1  |
| -55°   | 909.2  | 912.0  | 913.7  | 914.3  | 913.7  | 912.0  | 909.2  | 905.3  | 900.3  | 894.3  | 887.2  |
| -57.5° | 863.2  | 871.1  | 875.8  | 877.4  | 875.8  | 871.1  | 863.2  | 852.3  | 838.3  | 821.3  | 801.3  |
| -60°   | 749.1  | 757.2  | 762.2  | 763.8  | 762.2  | 757.2  | 749.1  | 737.7  | 723.1  | 705.4  | 684.7  |
| -62.5° | 619.3  | 627.2  | 632.0  | 633.6  | 632.0  | 627.2  | 619.3  | 608.2  | 594.0  | 576.8  | 556.5  |
| -65°   | 480.8  | 487.7  | 491.8  | 493.2  | 491.8  | 487.7  | 480.8  | 471.2  | 458.9  | 443.9  | 426.4  |
| -67.5° | 348.3  | 353.3  | 356.4  | 357.4  | 356.4  | 353.3  | 348.3  | 341.2  | 332.1  | 321.0  | 308.1  |
| -70°   | 237.4  | 241.4  | 243.9  | 244.7  | 243.9  | 241.4  | 237.4  | 231.7  | 224.5  | 215.6  | 205.2  |
| -72.5° | 137.5  | 140.1  | 141.7  | 142.2  | 141.7  | 140.1  | 137.5  | 133.9  | 129.2  | 123.6  | 116.9  |
| -75°   | 64.6   | 65.6   | 66.3   | 66.5   | 66.3   | 65.6   | 64.6   | 63.1   | 61.1   | 58.8   | 56.0   |
| -77.5° | 29.1   | 29.4   | 29.5   | 29.6   | 29.5   | 29.4   | 29.1   | 28.7   | 28.3   | 27.7   | 27.0   |
| -80°   | 18.3   | 18.4   | 18.5   | 18.5   | 18.5   | 18.4   | 18.3   | 18.1   | 17.9   | 17.6   | 17.3   |
| -82.5° | 11.9   | 11.9   | 12.0   | 12.0   | 12.0   | 11.9   | 11.9   | 11.7   | 11.6   | 11.4   | 11.2   |
| -85°   | 6.5    | 6.5    | 6.5    | 6.5    | 6.5    | 6.5    | 6.5    | 6.4    | 6.4    | 6.3    | 6.2    |
| -87.5° | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.7    | 3.6    | 3.6    | 3.6    | 3.5    |
| -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: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-80-1S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°    | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5°  | 3.5     | 3.4    | 3.4    | 3.3    | 3.2    | 3.1    | 3.0    | 2.9    | 2.8    | 2.7    | 2.6    |
| 85°    | 6.2     | 6.1    | 6.0    | 5.9    | 5.7    | 5.6    | 5.5    | 5.3    | 5.2    | 5.0    | 4.9    |
| 82.5°  | 11.0    | 10.7   | 10.4   | 10.1   | 9.8    | 9.4    | 9.0    | 8.6    | 8.1    | 7.6    | 7.2    |
| 80°    | 16.9    | 16.5   | 16.0   | 15.5   | 15.0   | 14.4   | 13.8   | 13.1   | 12.4   | 11.7   | 11.0   |
| 77.5°  | 26.2    | 25.3   | 24.3   | 23.2   | 22.1   | 20.8   | 19.4   | 18.2   | 17.3   | 16.4   | 15.4   |
| 75°    | 52.9    | 49.3   | 45.3   | 41.0   | 36.3   | 31.2   | 28.4   | 26.7   | 24.9   | 22.9   | 20.9   |
| 72.5°  | 109.3   | 100.7  | 91.2   | 80.7   | 69.4   | 61.9   | 55.6   | 48.8   | 41.7   | 34.2   | 28.6   |
| 70°    | 193.3   | 179.9  | 165.1  | 148.8  | 134.0  | 120.0  | 105.0  | 89.0   | 72.2   | 60.7   | 51.7   |
| 67.5°  | 293.2   | 276.5  | 257.9  | 238.3  | 218.2  | 196.7  | 173.7  | 149.3  | 128.5  | 108.5  | 87.7   |
| 65°    | 406.2   | 383.6  | 358.5  | 335.6  | 310.9  | 284.4  | 256.2  | 227.9  | 199.2  | 169.1  | 138.8  |
| 62.5°  | 533.4   | 507.4  | 479.0  | 448.6  | 415.6  | 380.2  | 345.0  | 311.8  | 276.9  | 240.7  | 206.0  |
| 60°    | 660.9   | 634.2  | 602.5  | 567.8  | 530.2  | 490.0  | 448.6  | 404.7  | 358.5  | 318.3  | 276.5  |
| 57.5°  | 778.5   | 751.4  | 719.1  | 683.8  | 645.6  | 602.5  | 555.7  | 506.2  | 455.5  | 402.9  | 349.7  |
| 55°    | 879.1   | 854.7  | 823.8  | 790.2  | 752.6  | 708.1  | 660.9  | 609.3  | 553.0  | 494.1  | 434.9  |
| 52.5°  | 912.7   | 902.8  | 891.9  | 880.1  | 846.3  | 804.3  | 759.2  | 705.4  | 649.1  | 586.9  | 521.1  |
| 50°    | 957.4   | 942.9  | 926.9  | 910.8  | 897.0  | 882.2  | 844.3  | 793.8  | 737.7  | 674.7  | 607.4  |
| 47.5°  | 1075.6  | 1029.6 | 979.1  | 950.6  | 930.4  | 910.4  | 893.7  | 873.3  | 816.8  | 757.2  | 687.6  |
| 45°    | 1747.9  | 1416.9 | 1101.7 | 1042.7 | 979.4  | 946.4  | 922.2  | 901.4  | 881.8  | 828.4  | 763.8  |
| 42.5°  | 2527.1  | 2224.6 | 1859.5 | 1437.3 | 1091.4 | 1019.6 | 957.3  | 930.2  | 905.3  | 883.7  | 828.4  |
| 40°    | 2976.2  | 2908.1 | 2565.3 | 2181.7 | 1716.7 | 1205.8 | 1043.9 | 962.7  | 932.9  | 905.3  | 881.8  |
| 37.5°  | 3105.5  | 3051.3 | 2971.5 | 2814.3 | 2377.3 | 1886.7 | 1317.0 | 1052.1 | 962.7  | 930.2  | 901.4  |
| 35°    | 3184.2  | 3146.1 | 3094.5 | 3014.7 | 2917.4 | 2476.3 | 1943.8 | 1317.0 | 1043.9 | 957.3  | 922.2  |
| 32.5°  | 3211.2  | 3195.2 | 3173.7 | 3114.7 | 3036.5 | 2928.1 | 2476.3 | 1886.7 | 1205.8 | 1019.6 | 946.4  |
| 30°    | 3092.2  | 3173.2 | 3202.0 | 3182.4 | 3121.5 | 3036.5 | 2917.4 | 2377.3 | 1716.7 | 1091.4 | 979.4  |
| 27.5°  | 2888.1  | 3055.8 | 3151.0 | 3204.3 | 3182.4 | 3114.7 | 3014.7 | 2814.3 | 2181.7 | 1437.3 | 1042.7 |
| 25°    | 2739.4  | 2841.5 | 3033.4 | 3151.0 | 3202.0 | 3173.7 | 3094.5 | 2971.5 | 2565.3 | 1859.5 | 1101.7 |
| 22.5°  | 2709.3  | 2733.2 | 2841.5 | 3055.8 | 3173.2 | 3195.2 | 3146.1 | 3051.3 | 2908.1 | 2224.6 | 1416.9 |
| 20°    | 2838.3  | 2709.3 | 2739.4 | 2888.1 | 3092.2 | 3211.2 | 3184.2 | 3105.5 | 2976.2 | 2527.1 | 1747.9 |
| 17.5°  | 3101.0  | 2821.4 | 2697.0 | 2757.9 | 2979.4 | 3148.3 | 3197.7 | 3145.5 | 3037.6 | 2799.5 | 2045.2 |
| 15°    | 3641.8  | 3006.1 | 2771.4 | 2722.5 | 2851.4 | 3087.0 | 3209.6 | 3180.2 | 3085.8 | 2932.8 | 2272.5 |
| 12.5°  | 5699.8  | 3248.6 | 2854.4 | 2691.4 | 2759.4 | 3009.7 | 3175.3 | 3189.8 | 3114.0 | 2975.9 | 2462.7 |
| 10°    | 8135.1  | 4090.8 | 3009.6 | 2755.1 | 2735.4 | 2923.7 | 3134.4 | 3197.7 | 3137.4 | 3011.7 | 2620.2 |
| 7.5°   | 12323.2 | 5388.1 | 3160.6 | 2806.4 | 2716.4 | 2855.6 | 3102.1 | 3204.0 | 3155.9 | 3039.8 | 2743.9 |
| 5°     | 15434.8 | 6344.5 | 3271.4 | 2843.8 | 2702.5 | 2806.1 | 3078.7 | 3208.5 | 3169.2 | 3060.1 | 2833.0 |
| 2.5°   | 17354.8 | 6931.3 | 3339.0 | 2866.5 | 2694.1 | 2776.1 | 3064.5 | 3211.3 | 3177.2 | 3072.3 | 2886.7 |
| 0°     | 18004.2 | 7129.1 | 3361.8 | 2874.2 | 2691.3 | 2766.1 | 3059.8 | 3212.2 | 3179.9 | 3076.4 | 2904.6 |
| -2.5°  | 17354.8 | 6931.3 | 3339.0 | 2866.5 | 2694.1 | 2776.1 | 3064.5 | 3211.3 | 3177.2 | 3072.3 | 2886.7 |
| -5°    | 15434.8 | 6344.5 | 3271.4 | 2843.8 | 2702.5 | 2806.1 | 3078.7 | 3208.5 | 3169.2 | 3060.1 | 2833.0 |
| -7.5°  | 12323.2 | 5388.1 | 3160.6 | 2806.4 | 2716.4 | 2855.6 | 3102.1 | 3204.0 | 3155.9 | 3039.8 | 2743.9 |
| -10°   | 8135.1  | 4090.8 | 3009.6 | 2755.1 | 2735.4 | 2923.7 | 3134.4 | 3197.7 | 3137.4 | 3011.7 | 2620.2 |
| -12.5° | 5699.8  | 3248.6 | 2854.4 | 2691.4 | 2759.4 | 3009.7 | 3175.3 | 3189.8 | 3114.0 | 2975.9 | 2462.7 |
| -15°   | 3641.8  | 3006.1 | 2771.4 | 2722.5 | 2851.4 | 3087.0 | 3209.6 | 3180.2 | 3085.8 | 2932.8 | 2272.5 |
| -17.5° | 3101.0  | 2821.4 | 2697.0 | 2757.9 | 2979.4 | 3148.3 | 3197.7 | 3145.5 | 3037.6 | 2799.5 | 2045.2 |
| -20°   | 2838.3  | 2709.3 | 2739.4 | 2888.1 | 3092.2 | 3211.2 | 3184.2 | 3105.5 | 2976.2 | 2527.1 | 1747.9 |



REPORT NUMBER: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-80-1S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2709.3 | 2733.2 | 2841.5 | 3055.8 | 3173.2 | 3195.2 | 3146.1 | 3051.3 | 2908.1 | 2224.6 | 1416.9 |
| -25°   | 2739.4 | 2841.5 | 3033.4 | 3151.0 | 3202.0 | 3173.7 | 3094.5 | 2971.5 | 2565.3 | 1859.5 | 1101.7 |
| -27.5° | 2888.1 | 3055.8 | 3151.0 | 3204.3 | 3182.4 | 3114.7 | 3014.7 | 2814.3 | 2181.7 | 1437.3 | 1042.7 |
| -30°   | 3092.2 | 3173.2 | 3202.0 | 3182.4 | 3121.5 | 3036.5 | 2917.4 | 2377.3 | 1716.7 | 1091.4 | 979.4  |
| -32.5° | 3211.2 | 3195.2 | 3173.7 | 3114.7 | 3036.5 | 2928.1 | 2476.3 | 1886.7 | 1205.8 | 1019.6 | 946.4  |
| -35°   | 3184.2 | 3146.1 | 3094.5 | 3014.7 | 2917.4 | 2476.3 | 1943.8 | 1317.0 | 1043.9 | 957.3  | 922.2  |
| -37.5° | 3105.5 | 3051.3 | 2971.5 | 2814.3 | 2377.3 | 1886.7 | 1317.0 | 1052.1 | 962.7  | 930.2  | 901.4  |
| -40°   | 2976.2 | 2908.1 | 2565.3 | 2181.7 | 1716.7 | 1205.8 | 1043.9 | 962.7  | 932.9  | 905.3  | 881.8  |
| -42.5° | 2527.1 | 2224.6 | 1859.5 | 1437.3 | 1091.4 | 1019.6 | 957.3  | 930.2  | 905.3  | 883.7  | 828.4  |
| -45°   | 1747.9 | 1416.9 | 1101.7 | 1042.7 | 979.4  | 946.4  | 922.2  | 901.4  | 881.8  | 828.4  | 763.8  |
| -47.5° | 1075.6 | 1029.6 | 979.1  | 950.6  | 930.4  | 910.4  | 893.7  | 873.3  | 816.8  | 757.2  | 687.6  |
| -50°   | 957.4  | 942.9  | 926.9  | 910.8  | 897.0  | 882.2  | 844.3  | 793.8  | 737.7  | 674.7  | 607.4  |
| -52.5° | 912.7  | 902.8  | 891.9  | 880.1  | 846.3  | 804.3  | 759.2  | 705.4  | 649.1  | 586.9  | 521.1  |
| -55°   | 879.1  | 854.7  | 823.8  | 790.2  | 752.6  | 708.1  | 660.9  | 609.3  | 553.0  | 494.1  | 434.9  |
| -57.5° | 778.5  | 751.4  | 719.1  | 683.8  | 645.6  | 602.5  | 555.7  | 506.2  | 455.5  | 402.9  | 349.7  |
| -60°   | 660.9  | 634.2  | 602.5  | 567.8  | 530.2  | 490.0  | 448.6  | 404.7  | 358.5  | 318.3  | 276.5  |
| -62.5° | 533.4  | 507.4  | 479.0  | 448.6  | 415.6  | 380.2  | 345.0  | 311.8  | 276.9  | 240.7  | 206.0  |
| -65°   | 406.2  | 383.6  | 358.5  | 335.6  | 310.9  | 284.4  | 256.2  | 227.9  | 199.2  | 169.1  | 138.8  |
| -67.5° | 293.2  | 276.5  | 257.9  | 238.3  | 218.2  | 196.7  | 173.7  | 149.3  | 128.5  | 108.5  | 87.7   |
| -70°   | 193.3  | 179.9  | 165.1  | 148.8  | 134.0  | 120.0  | 105.0  | 89.0   | 72.2   | 60.7   | 51.7   |
| -72.5° | 109.3  | 100.7  | 91.2   | 80.7   | 69.4   | 61.9   | 55.6   | 48.8   | 41.7   | 34.2   | 28.6   |
| -75°   | 52.9   | 49.3   | 45.3   | 41.0   | 36.3   | 31.2   | 28.4   | 26.7   | 24.9   | 22.9   | 20.9   |
| -77.5° | 26.2   | 25.3   | 24.3   | 23.2   | 22.1   | 20.8   | 19.4   | 18.2   | 17.3   | 16.4   | 15.4   |
| -80°   | 16.9   | 16.5   | 16.0   | 15.5   | 15.0   | 14.4   | 13.8   | 13.1   | 12.4   | 11.7   | 11.0   |
| -82.5° | 11.0   | 10.7   | 10.4   | 10.1   | 9.8    | 9.4    | 9.0    | 8.6    | 8.1    | 7.6    | 7.2    |
| -85°   | 6.2    | 6.1    | 6.0    | 5.9    | 5.7    | 5.6    | 5.5    | 5.3    | 5.2    | 5.0    | 4.9    |
| -87.5° | 3.5    | 3.4    | 3.4    | 3.3    | 3.2    | 3.1    | 3.0    | 2.9    | 2.8    | 2.7    | 2.6    |
| -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: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-80-1S-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°  | 2.5    | 2.4    | 2.3   | 2.1   | 2.0   | 1.8   | 1.7   | 1.6   | 1.4   | 1.3   | 1.1   |
| 85°    | 4.7    | 4.5    | 4.3   | 4.1   | 3.9   | 3.7   | 3.4   | 3.1   | 2.8   | 2.5   | 2.2   |
| 82.5°  | 6.6    | 6.3    | 6.0   | 5.7   | 5.4   | 5.1   | 4.8   | 4.4   | 4.1   | 3.8   | 3.3   |
| 80°    | 10.3   | 9.6    | 8.8   | 8.1   | 7.3   | 6.5   | 6.1   | 5.6   | 5.2   | 4.7   | 4.3   |
| 77.5°  | 14.4   | 13.3   | 12.2  | 11.2  | 10.2  | 9.2   | 8.1   | 7.0   | 6.2   | 5.7   | 5.1   |
| 75°    | 18.8   | 17.4   | 16.1  | 14.7  | 13.3  | 11.9  | 10.6  | 9.3   | 8.0   | 6.7   | 5.9   |
| 72.5°  | 26.1   | 23.6   | 20.9  | 18.3  | 16.7  | 15.0  | 13.3  | 11.6  | 10.0  | 8.5   | 6.9   |
| 70°    | 42.3   | 32.6   | 27.5  | 24.3  | 21.1  | 18.1  | 16.1  | 14.1  | 12.1  | 10.3  | 8.5   |
| 67.5°  | 66.3   | 55.3   | 43.9  | 32.3  | 26.8  | 23.1  | 19.3  | 16.7  | 14.4  | 12.1  | 10.0  |
| 65°    | 114.6  | 89.6   | 65.1  | 52.2  | 38.8  | 28.3  | 24.1  | 19.8  | 16.7  | 14.1  | 11.6  |
| 62.5°  | 170.0  | 135.1  | 106.6 | 77.3  | 57.1  | 42.1  | 28.8  | 24.1  | 19.3  | 16.1  | 13.3  |
| 60°    | 234.1  | 193.3  | 151.3 | 116.9 | 84.2  | 58.8  | 42.1  | 28.3  | 23.1  | 18.1  | 15.0  |
| 57.5°  | 302.6  | 253.9  | 207.5 | 160.6 | 120.4 | 84.2  | 57.1  | 38.8  | 26.8  | 21.1  | 16.7  |
| 55°    | 373.7  | 318.4  | 264.4 | 212.2 | 160.6 | 116.9 | 77.3  | 52.2  | 32.3  | 24.3  | 18.3  |
| 52.5°  | 454.4  | 386.5  | 323.7 | 264.4 | 207.5 | 151.3 | 106.6 | 65.1  | 43.9  | 27.5  | 20.9  |
| 50°    | 534.7  | 460.9  | 386.5 | 318.4 | 253.9 | 193.3 | 135.1 | 89.6  | 55.3  | 32.6  | 23.6  |
| 47.5°  | 614.3  | 534.7  | 454.4 | 373.7 | 302.6 | 234.1 | 170.0 | 114.6 | 66.3  | 42.3  | 26.1  |
| 45°    | 687.6  | 607.4  | 521.1 | 434.9 | 349.7 | 276.5 | 206.0 | 138.8 | 87.7  | 51.7  | 28.6  |
| 42.5°  | 757.2  | 674.7  | 586.9 | 494.1 | 402.9 | 318.3 | 240.7 | 169.1 | 108.5 | 60.7  | 34.2  |
| 40°    | 816.8  | 737.7  | 649.1 | 553.0 | 455.5 | 358.5 | 276.9 | 199.2 | 128.5 | 72.2  | 41.7  |
| 37.5°  | 873.3  | 793.8  | 705.4 | 609.3 | 506.2 | 404.7 | 311.8 | 227.9 | 149.3 | 89.0  | 48.8  |
| 35°    | 893.7  | 844.3  | 759.2 | 660.9 | 555.7 | 448.6 | 345.0 | 256.2 | 173.7 | 105.0 | 55.6  |
| 32.5°  | 910.4  | 882.2  | 804.3 | 708.1 | 602.5 | 490.0 | 380.2 | 284.4 | 196.7 | 120.0 | 61.9  |
| 30°    | 930.4  | 897.0  | 846.3 | 752.6 | 645.6 | 530.2 | 415.6 | 310.9 | 218.2 | 134.0 | 69.4  |
| 27.5°  | 950.6  | 910.8  | 880.1 | 790.2 | 683.8 | 567.8 | 448.6 | 335.6 | 238.3 | 148.8 | 80.7  |
| 25°    | 979.1  | 926.9  | 891.9 | 823.8 | 719.1 | 602.5 | 479.0 | 358.5 | 257.9 | 165.1 | 91.2  |
| 22.5°  | 1029.6 | 942.9  | 902.8 | 854.7 | 751.4 | 634.2 | 507.4 | 383.6 | 276.5 | 179.9 | 100.7 |
| 20°    | 1075.6 | 957.4  | 912.7 | 879.1 | 778.5 | 660.9 | 533.4 | 406.2 | 293.2 | 193.3 | 109.3 |
| 17.5°  | 1154.7 | 982.3  | 924.1 | 887.2 | 801.3 | 684.7 | 556.5 | 426.4 | 308.1 | 205.2 | 116.9 |
| 15°    | 1396.0 | 1015.6 | 934.6 | 894.3 | 821.3 | 705.4 | 576.8 | 443.9 | 321.0 | 215.6 | 123.6 |
| 12.5°  | 1602.7 | 1044.1 | 943.5 | 900.3 | 838.3 | 723.1 | 594.0 | 458.9 | 332.1 | 224.5 | 129.2 |
| 10°    | 1773.7 | 1067.7 | 950.9 | 905.3 | 852.3 | 737.7 | 608.2 | 471.2 | 341.2 | 231.7 | 133.9 |
| 7.5°   | 1907.8 | 1086.2 | 956.7 | 909.2 | 863.2 | 749.1 | 619.3 | 480.8 | 348.3 | 237.4 | 137.5 |
| 5°     | 2004.2 | 1099.4 | 960.9 | 912.0 | 871.1 | 757.2 | 627.2 | 487.7 | 353.3 | 241.4 | 140.1 |
| 2.5°   | 2062.3 | 1107.4 | 963.4 | 913.7 | 875.8 | 762.2 | 632.0 | 491.8 | 356.4 | 243.9 | 141.7 |
| 0°     | 2081.7 | 1110.1 | 964.2 | 914.3 | 877.4 | 763.8 | 633.6 | 493.2 | 357.4 | 244.7 | 142.2 |
| -2.5°  | 2062.3 | 1107.4 | 963.4 | 913.7 | 875.8 | 762.2 | 632.0 | 491.8 | 356.4 | 243.9 | 141.7 |
| -5°    | 2004.2 | 1099.4 | 960.9 | 912.0 | 871.1 | 757.2 | 627.2 | 487.7 | 353.3 | 241.4 | 140.1 |
| -7.5°  | 1907.8 | 1086.2 | 956.7 | 909.2 | 863.2 | 749.1 | 619.3 | 480.8 | 348.3 | 237.4 | 137.5 |
| -10°   | 1773.7 | 1067.7 | 950.9 | 905.3 | 852.3 | 737.7 | 608.2 | 471.2 | 341.2 | 231.7 | 133.9 |
| -12.5° | 1602.7 | 1044.1 | 943.5 | 900.3 | 838.3 | 723.1 | 594.0 | 458.9 | 332.1 | 224.5 | 129.2 |
| -15°   | 1396.0 | 1015.6 | 934.6 | 894.3 | 821.3 | 705.4 | 576.8 | 443.9 | 321.0 | 215.6 | 123.6 |
| -17.5° | 1154.7 | 982.3  | 924.1 | 887.2 | 801.3 | 684.7 | 556.5 | 426.4 | 308.1 | 205.2 | 116.9 |
| -20°   | 1075.6 | 957.4  | 912.7 | 879.1 | 778.5 | 660.9 | 533.4 | 406.2 | 293.2 | 193.3 | 109.3 |



REPORT NUMBER: P1305911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-57-80-1S-HEG-A

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1029.6 | 942.9 | 902.8 | 854.7 | 751.4 | 634.2 | 507.4 | 383.6 | 276.5 | 179.9 | 100.7 |
| -25°   | 979.1  | 926.9 | 891.9 | 823.8 | 719.1 | 602.5 | 479.0 | 358.5 | 257.9 | 165.1 | 91.2  |
| -27.5° | 950.6  | 910.8 | 880.1 | 790.2 | 683.8 | 567.8 | 448.6 | 335.6 | 238.3 | 148.8 | 80.7  |
| -30°   | 930.4  | 897.0 | 846.3 | 752.6 | 645.6 | 530.2 | 415.6 | 310.9 | 218.2 | 134.0 | 69.4  |
| -32.5° | 910.4  | 882.2 | 804.3 | 708.1 | 602.5 | 490.0 | 380.2 | 284.4 | 196.7 | 120.0 | 61.9  |
| -35°   | 893.7  | 844.3 | 759.2 | 660.9 | 555.7 | 448.6 | 345.0 | 256.2 | 173.7 | 105.0 | 55.6  |
| -37.5° | 873.3  | 793.8 | 705.4 | 609.3 | 506.2 | 404.7 | 311.8 | 227.9 | 149.3 | 89.0  | 48.8  |
| -40°   | 816.8  | 737.7 | 649.1 | 553.0 | 455.5 | 358.5 | 276.9 | 199.2 | 128.5 | 72.2  | 41.7  |
| -42.5° | 757.2  | 674.7 | 586.9 | 494.1 | 402.9 | 318.3 | 240.7 | 169.1 | 108.5 | 60.7  | 34.2  |
| -45°   | 687.6  | 607.4 | 521.1 | 434.9 | 349.7 | 276.5 | 206.0 | 138.8 | 87.7  | 51.7  | 28.6  |
| -47.5° | 614.3  | 534.7 | 454.4 | 373.7 | 302.6 | 234.1 | 170.0 | 114.6 | 66.3  | 42.3  | 26.1  |
| -50°   | 534.7  | 460.9 | 386.5 | 318.4 | 253.9 | 193.3 | 135.1 | 89.6  | 55.3  | 32.6  | 23.6  |
| -52.5° | 454.4  | 386.5 | 323.7 | 264.4 | 207.5 | 151.3 | 106.6 | 65.1  | 43.9  | 27.5  | 20.9  |
| -55°   | 373.7  | 318.4 | 264.4 | 212.2 | 160.6 | 116.9 | 77.3  | 52.2  | 32.3  | 24.3  | 18.3  |
| -57.5° | 302.6  | 253.9 | 207.5 | 160.6 | 120.4 | 84.2  | 57.1  | 38.8  | 26.8  | 21.1  | 16.7  |
| -60°   | 234.1  | 193.3 | 151.3 | 116.9 | 84.2  | 58.8  | 42.1  | 28.3  | 23.1  | 18.1  | 15.0  |
| -62.5° | 170.0  | 135.1 | 106.6 | 77.3  | 57.1  | 42.1  | 28.8  | 24.1  | 19.3  | 16.1  | 13.3  |
| -65°   | 114.6  | 89.6  | 65.1  | 52.2  | 38.8  | 28.3  | 24.1  | 19.8  | 16.7  | 14.1  | 11.6  |
| -67.5° | 66.3   | 55.3  | 43.9  | 32.3  | 26.8  | 23.1  | 19.3  | 16.7  | 14.4  | 12.1  | 10.0  |
| -70°   | 42.3   | 32.6  | 27.5  | 24.3  | 21.1  | 18.1  | 16.1  | 14.1  | 12.1  | 10.3  | 8.5   |
| -72.5° | 26.1   | 23.6  | 20.9  | 18.3  | 16.7  | 15.0  | 13.3  | 11.6  | 10.0  | 8.5   | 6.9   |
| -75°   | 18.8   | 17.4  | 16.1  | 14.7  | 13.3  | 11.9  | 10.6  | 9.3   | 8.0   | 6.7   | 5.9   |
| -77.5° | 14.4   | 13.3  | 12.2  | 11.2  | 10.2  | 9.2   | 8.1   | 7.0   | 6.2   | 5.7   | 5.1   |
| -80°   | 10.3   | 9.6   | 8.8   | 8.1   | 7.3   | 6.5   | 6.1   | 5.6   | 5.2   | 4.7   | 4.3   |
| -82.5° | 6.6    | 6.3   | 6.0   | 5.7   | 5.4   | 5.1   | 4.8   | 4.4   | 4.1   | 3.8   | 3.3   |
| -85°   | 4.7    | 4.5   | 4.3   | 4.1   | 3.9   | 3.7   | 3.4   | 3.1   | 2.8   | 2.5   | 2.2   |
| -87.5° | 2.5    | 2.4   | 2.3   | 2.1   | 2.0   | 1.8   | 1.7   | 1.6   | 1.4   | 1.3   | 1.1   |
| -90°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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 CATALOG NUMBER: EPH-08-320N-57-80-1S-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°  | 1.0  | 0.8   | 0.6  | 0.5   | 0.3 | 0.2   | 0.0 |
| 85°    | 1.9  | 1.6   | 1.3  | 1.0   | 0.6 | 0.3   | 0.0 |
| 82.5°  | 2.9  | 2.4   | 1.9  | 1.4   | 1.0 | 0.5   | 0.0 |
| 80°    | 3.8  | 3.2   | 2.6  | 1.9   | 1.3 | 0.6   | 0.0 |
| 77.5°  | 4.5  | 3.9   | 3.2  | 2.4   | 1.6 | 0.8   | 0.0 |
| 75°    | 5.2  | 4.5   | 3.8  | 2.9   | 1.9 | 1.0   | 0.0 |
| 72.5°  | 5.9  | 5.1   | 4.3  | 3.3   | 2.2 | 1.1   | 0.0 |
| 70°    | 6.7  | 5.7   | 4.7  | 3.8   | 2.5 | 1.3   | 0.0 |
| 67.5°  | 8.0  | 6.2   | 5.2  | 4.1   | 2.8 | 1.4   | 0.0 |
| 65°    | 9.3  | 7.0   | 5.6  | 4.4   | 3.1 | 1.6   | 0.0 |
| 62.5°  | 10.6 | 8.1   | 6.1  | 4.8   | 3.4 | 1.7   | 0.0 |
| 60°    | 11.9 | 9.2   | 6.5  | 5.1   | 3.7 | 1.8   | 0.0 |
| 57.5°  | 13.3 | 10.2  | 7.3  | 5.4   | 3.9 | 2.0   | 0.0 |
| 55°    | 14.7 | 11.2  | 8.1  | 5.7   | 4.1 | 2.1   | 0.0 |
| 52.5°  | 16.1 | 12.2  | 8.8  | 6.0   | 4.3 | 2.3   | 0.0 |
| 50°    | 17.4 | 13.3  | 9.6  | 6.3   | 4.5 | 2.4   | 0.0 |
| 47.5°  | 18.8 | 14.4  | 10.3 | 6.6   | 4.7 | 2.5   | 0.0 |
| 45°    | 20.9 | 15.4  | 11.0 | 7.2   | 4.9 | 2.6   | 0.0 |
| 42.5°  | 22.9 | 16.4  | 11.7 | 7.6   | 5.0 | 2.7   | 0.0 |
| 40°    | 24.9 | 17.3  | 12.4 | 8.1   | 5.2 | 2.8   | 0.0 |
| 37.5°  | 26.7 | 18.2  | 13.1 | 8.6   | 5.3 | 2.9   | 0.0 |
| 35°    | 28.4 | 19.4  | 13.8 | 9.0   | 5.5 | 3.0   | 0.0 |
| 32.5°  | 31.2 | 20.8  | 14.4 | 9.4   | 5.6 | 3.1   | 0.0 |
| 30°    | 36.3 | 22.1  | 15.0 | 9.8   | 5.7 | 3.2   | 0.0 |
| 27.5°  | 41.0 | 23.2  | 15.5 | 10.1  | 5.9 | 3.3   | 0.0 |
| 25°    | 45.3 | 24.3  | 16.0 | 10.4  | 6.0 | 3.4   | 0.0 |
| 22.5°  | 49.3 | 25.3  | 16.5 | 10.7  | 6.1 | 3.4   | 0.0 |
| 20°    | 52.9 | 26.2  | 16.9 | 11.0  | 6.2 | 3.5   | 0.0 |
| 17.5°  | 56.0 | 27.0  | 17.3 | 11.2  | 6.2 | 3.5   | 0.0 |
| 15°    | 58.8 | 27.7  | 17.6 | 11.4  | 6.3 | 3.6   | 0.0 |
| 12.5°  | 61.1 | 28.3  | 17.9 | 11.6  | 6.4 | 3.6   | 0.0 |
| 10°    | 63.1 | 28.7  | 18.1 | 11.7  | 6.4 | 3.6   | 0.0 |
| 7.5°   | 64.6 | 29.1  | 18.3 | 11.9  | 6.5 | 3.7   | 0.0 |
| 5°     | 65.6 | 29.4  | 18.4 | 11.9  | 6.5 | 3.7   | 0.0 |
| 2.5°   | 66.3 | 29.5  | 18.5 | 12.0  | 6.5 | 3.7   | 0.0 |
| 0°     | 66.5 | 29.6  | 18.5 | 12.0  | 6.5 | 3.7   | 0.0 |
| -2.5°  | 66.3 | 29.5  | 18.5 | 12.0  | 6.5 | 3.7   | 0.0 |
| -5°    | 65.6 | 29.4  | 18.4 | 11.9  | 6.5 | 3.7   | 0.0 |
| -7.5°  | 64.6 | 29.1  | 18.3 | 11.9  | 6.5 | 3.7   | 0.0 |
| -10°   | 63.1 | 28.7  | 18.1 | 11.7  | 6.4 | 3.6   | 0.0 |
| -12.5° | 61.1 | 28.3  | 17.9 | 11.6  | 6.4 | 3.6   | 0.0 |
| -15°   | 58.8 | 27.7  | 17.6 | 11.4  | 6.3 | 3.6   | 0.0 |
| -17.5° | 56.0 | 27.0  | 17.3 | 11.2  | 6.2 | 3.5   | 0.0 |
| -20°   | 52.9 | 26.2  | 16.9 | 11.0  | 6.2 | 3.5   | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80°  | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 49.3 | 25.3  | 16.5 | 10.7  | 6.1 | 3.4   | 0.0 |
| -25°   | 45.3 | 24.3  | 16.0 | 10.4  | 6.0 | 3.4   | 0.0 |
| -27.5° | 41.0 | 23.2  | 15.5 | 10.1  | 5.9 | 3.3   | 0.0 |
| -30°   | 36.3 | 22.1  | 15.0 | 9.8   | 5.7 | 3.2   | 0.0 |
| -32.5° | 31.2 | 20.8  | 14.4 | 9.4   | 5.6 | 3.1   | 0.0 |
| -35°   | 28.4 | 19.4  | 13.8 | 9.0   | 5.5 | 3.0   | 0.0 |
| -37.5° | 26.7 | 18.2  | 13.1 | 8.6   | 5.3 | 2.9   | 0.0 |
| -40°   | 24.9 | 17.3  | 12.4 | 8.1   | 5.2 | 2.8   | 0.0 |
| -42.5° | 22.9 | 16.4  | 11.7 | 7.6   | 5.0 | 2.7   | 0.0 |
| -45°   | 20.9 | 15.4  | 11.0 | 7.2   | 4.9 | 2.6   | 0.0 |
| -47.5° | 18.8 | 14.4  | 10.3 | 6.6   | 4.7 | 2.5   | 0.0 |
| -50°   | 17.4 | 13.3  | 9.6  | 6.3   | 4.5 | 2.4   | 0.0 |
| -52.5° | 16.1 | 12.2  | 8.8  | 6.0   | 4.3 | 2.3   | 0.0 |
| -55°   | 14.7 | 11.2  | 8.1  | 5.7   | 4.1 | 2.1   | 0.0 |
| -57.5° | 13.3 | 10.2  | 7.3  | 5.4   | 3.9 | 2.0   | 0.0 |
| -60°   | 11.9 | 9.2   | 6.5  | 5.1   | 3.7 | 1.8   | 0.0 |
| -62.5° | 10.6 | 8.1   | 6.1  | 4.8   | 3.4 | 1.7   | 0.0 |
| -65°   | 9.3  | 7.0   | 5.6  | 4.4   | 3.1 | 1.6   | 0.0 |
| -67.5° | 8.0  | 6.2   | 5.2  | 4.1   | 2.8 | 1.4   | 0.0 |
| -70°   | 6.7  | 5.7   | 4.7  | 3.8   | 2.5 | 1.3   | 0.0 |
| -72.5° | 5.9  | 5.1   | 4.3  | 3.3   | 2.2 | 1.1   | 0.0 |
| -75°   | 5.2  | 4.5   | 3.8  | 2.9   | 1.9 | 1.0   | 0.0 |
| -77.5° | 4.5  | 3.9   | 3.2  | 2.4   | 1.6 | 0.8   | 0.0 |
| -80°   | 3.8  | 3.2   | 2.6  | 1.9   | 1.3 | 0.6   | 0.0 |
| -82.5° | 2.9  | 2.4   | 1.9  | 1.4   | 1.0 | 0.5   | 0.0 |
| -85°   | 1.9  | 1.6   | 1.3  | 1.0   | 0.6 | 0.3   | 0.0 |
| -87.5° | 1.0  | 0.8   | 0.6  | 0.5   | 0.3 | 0.2   | 0.0 |
| -90°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)