

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: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-S8**

Issue Date: 11/14/2024

**Test Information**

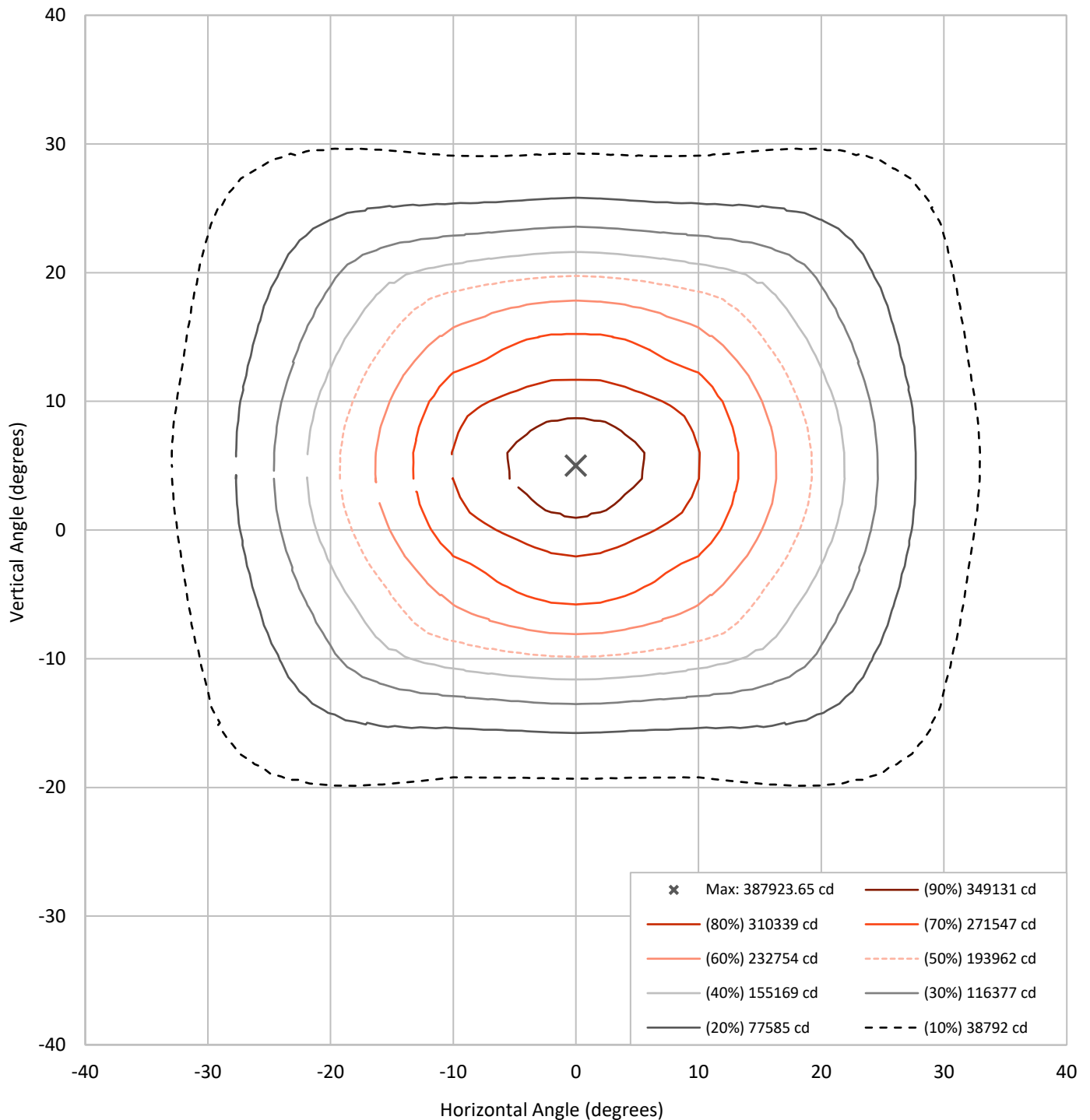
Test Method: LM-79-08  
Report Number: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( LVA2006017)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/14/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-AV-03-1360S-57-85-S8  
Description: ARENAVISION LUMINAIRE  
5700K, 85 CRI LEDS AND S8 OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                                    |                      |                  |
|-----------------------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp:                  | N/A                                | NEMA Type:           | 4H x 4V          |
| Luminaire Lumens:                 | 166093.3 lumens                    | Max Intensity:       | 387923.6 candela |
| Efficiency:                       | N/A                                | Max Intensity Angle: | 0°H x 5°V        |
| Efficacy:                         | 117.5 lumens/watt                  |                      |                  |
| Luminous Opening:                 | Rectangular (W 2m x L: 2m x H: 0m) |                      |                  |
| Beam Angle (50%):                 | 38.7°H x 29.6°V                    | Field Angle (10%):   | 65.7°H x 48.6°V  |
| Beam Lumens:                      | 76893.2 lumens                     | Field Lumens:        | 132995.6 lumens  |
| Beam Efficiency:                  | 46.3%                              | Field Efficiency:    | 80.1%            |
| Input Watts (W):                  | 1413                               |                      |                  |
| Input Voltage (V):                | NR                                 |                      |                  |
| Input Current (Ain):              | NR                                 |                      |                  |
| Voltage Rise (V):                 | NR                                 |                      |                  |
| Power Factor:                     | NR                                 |                      |                  |
| Total Harmonic Distortion (THDi): | NR                                 |                      |                  |
| Frequency (hertz):                | 60                                 |                      |                  |
| Stabilization Time:               | NR                                 |                      |                  |
| Operation Time:                   | NR                                 |                      |                  |
| Ambient Temperature (°C):         | NR                                 |                      |                  |
| Test Distance:                    | 25 FT                              |                      |                  |

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### Iso-Candela Plot





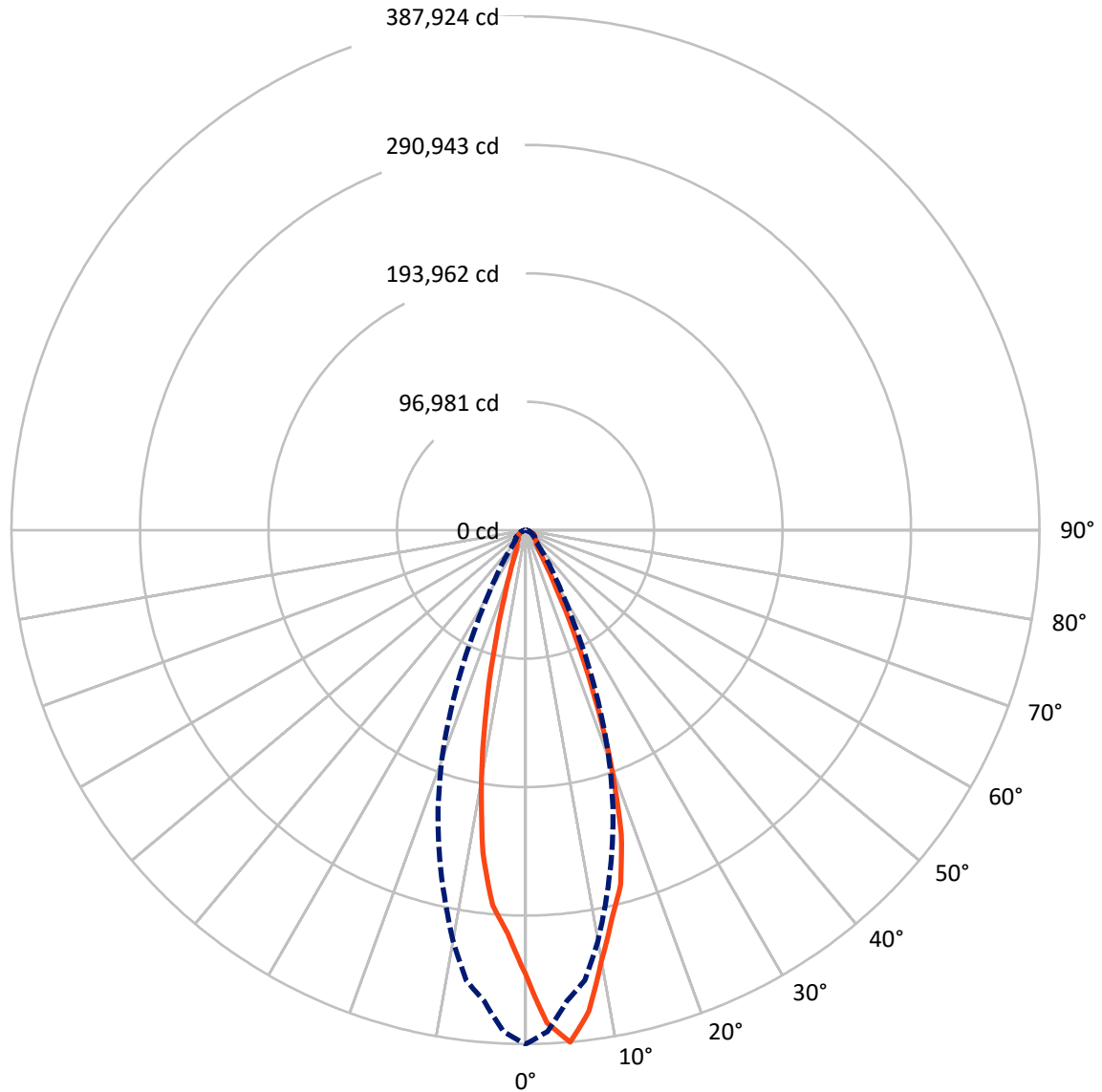
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### Lumen Table

|     |      |      |       |       |       |        |        |         |         |        |        |       |       |       |      |      |    |    |    |
|-----|------|------|-------|-------|-------|--------|--------|---------|---------|--------|--------|-------|-------|-------|------|------|----|----|----|
| 90  |      |      |       |       |       |        |        |         |         |        |        |       |       |       |      |      |    |    |    |
| 80  | 2.1  | 23.6 |       | 77.9  |       | 128.8  |        | 166.4   |         | 128.8  |        | 77.9  |       | 23.6  |      | 2.1  |    |    |    |
| 70  |      |      |       |       |       |        |        |         |         |        |        |       |       |       |      |      |    |    |    |
| 60  | 10.9 | 15.2 | 35.5  | 65.6  | 104.0 | 113.8  | 128.8  | 168.3   | 168.3   | 128.8  | 113.8  | 104.0 | 65.6  | 35.5  | 15.2 | 10.9 |    |    |    |
| 50  |      | 28.8 | 57.5  | 98.1  | 161.3 | 171.2  | 186.0  | 224.7   | 224.7   | 186.0  | 171.2  | 161.3 | 98.1  | 57.5  | 28.8 |      |    |    |    |
| 40  | 21.2 | 35.0 | 71.2  | 119.9 | 193.1 | 241.7  | 292.7  | 332.3   | 332.3   | 292.7  | 241.7  | 193.1 | 119.9 | 71.2  | 35.0 | 21.2 |    |    |    |
| 30  |      | 38.4 | 81.9  | 150.7 | 308.5 | 570.9  | 615.2  | 568.9   | 568.9   | 615.2  | 570.9  | 308.5 | 150.7 | 81.9  | 38.4 |      |    |    |    |
| 20  | 30.9 | 46.7 | 94.6  | 186.2 | 541.0 | 1471.8 | 2410.3 | 2822.8  | 2822.8  | 2410.3 | 1471.8 | 541.0 | 186.2 | 94.6  | 46.7 | 30.9 |    |    |    |
| 10  |      | 57.6 | 116.6 | 222.3 | 699.7 | 2495.8 | 5685.7 | 7819.1  | 7819.1  | 5685.7 | 2495.8 | 699.7 | 222.3 | 116.6 | 57.6 |      |    |    |    |
| 0   | 33.4 | 63.3 | 136.1 | 246.5 | 789.7 | 3097.1 | 7187.0 | 10306.8 | 10306.8 | 7187.0 | 3097.1 | 789.7 | 246.5 | 136.1 | 63.3 | 33.4 |    |    |    |
| -10 |      | 58.0 | 120.8 | 223.1 | 696.7 | 2504.2 | 5678.1 | 7889.6  | 7889.6  | 5678.1 | 2504.2 | 696.7 | 223.1 | 120.8 | 58.0 |      |    |    |    |
| -20 | 27.0 | 48.0 | 98.1  | 189.1 | 543.0 | 1485.2 | 2444.3 | 2837.2  | 2837.2  | 2444.3 | 1485.2 | 543.0 | 189.1 | 98.1  | 48.0 | 27.0 |    |    |    |
| -30 |      | 39.8 | 84.0  | 153.6 | 308.2 | 568.6  | 618.3  | 581.4   | 581.4   | 618.3  | 568.6  | 308.2 | 153.6 | 84.0  | 39.8 |      |    |    |    |
| -40 | 18.4 | 38.0 | 75.1  | 124.6 | 195.8 | 251.6  | 301.2  | 335.1   | 335.1   | 301.2  | 251.6  | 195.8 | 124.6 | 75.1  | 38.0 | 18.4 |    |    |    |
| -50 |      | 32.7 | 62.7  | 105.0 | 171.3 | 189.0  | 203.0  | 233.0   | 233.0   | 203.0  | 189.0  | 171.3 | 105.0 | 62.7  | 32.7 |      |    |    |    |
| -60 | 8.6  | 19.9 | 43.9  | 78.3  | 125.4 | 136.1  | 150.4  | 189.9   | 189.9   | 150.4  | 136.1  | 125.4 | 78.3  | 43.9  | 19.9 | 8.6  |    |    |    |
| -70 |      | 10.9 | 24.3  | 42.5  | 65.8  | 80.3   | 91.1   | 109.5   | 109.5   | 91.1   | 80.3   | 65.8  | 42.5  | 24.3  | 10.9 |      |    |    |    |
| -80 | 1.9  | 19.7 |       | 58.1  |       | 104.0  |        | 130.5   |         | 104.0  |        | 58.1  |       | 19.7  |      | 1.9  |    |    |    |
| -90 |      |      |       |       |       |        |        |         |         |        |        |       |       |       |      |      |    |    |    |
|     | -90  | -80  | -70   | -60   | -50   | -40    | -30    | -20     | -10     | 0      | 10     | 20    | 30    | 40    | 50   | 60   | 70 | 80 | 90 |

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CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

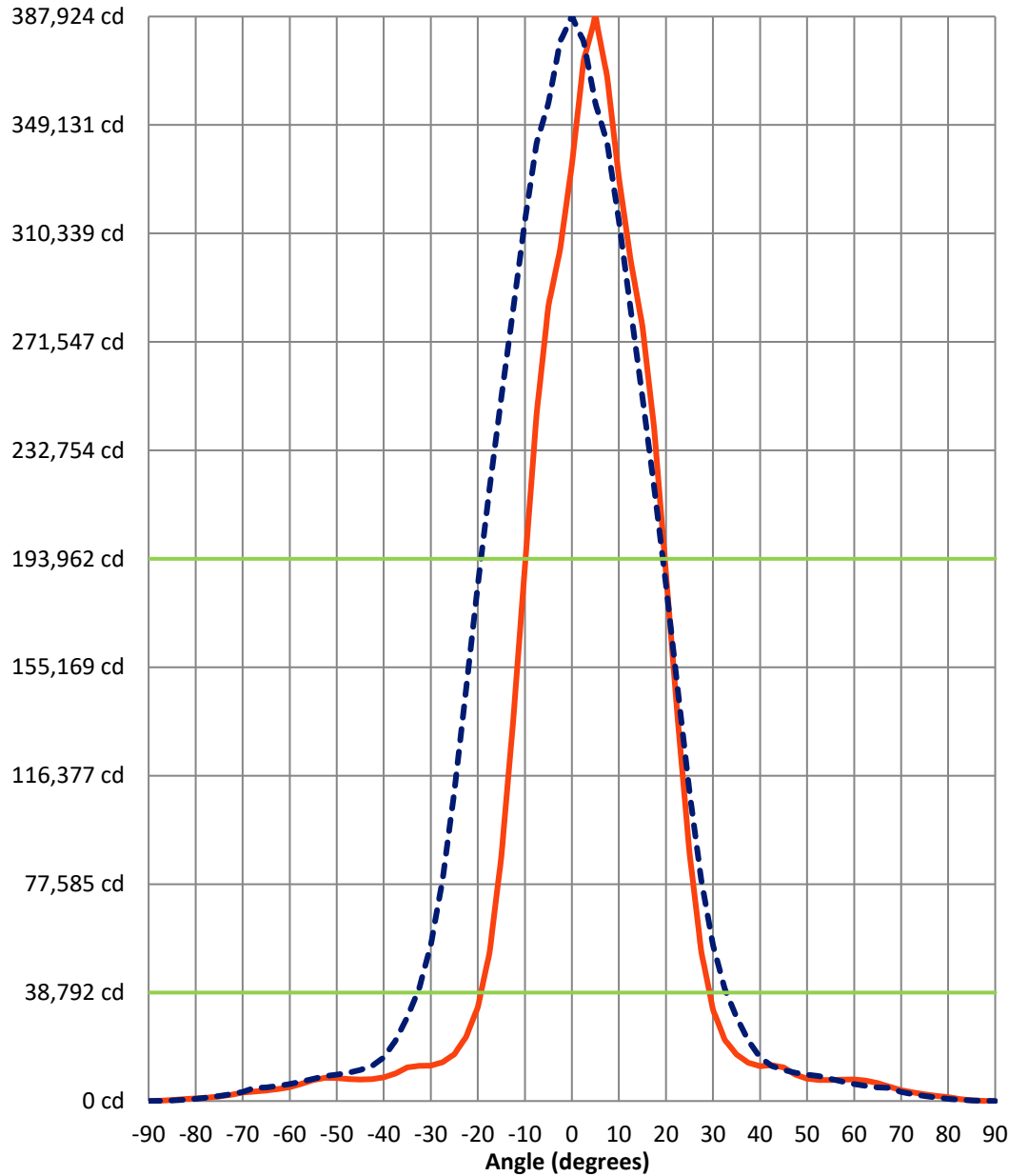
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 38.7°  
 V Angle: 29.6°  
 Lumens: 76893.2  
 Efficiency: 46.3%

**Field:**  
 H Angle: 65.7°  
 V Angle: 48.6°  
 Lumens: 132995.6  
 Efficiency: 80.1%

**Spill:**  
 Lumens: 33097.7  
 Efficiency: 19.9%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 5-Deg



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

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  | 3.2    | 6.3   | 9.8    | 13.0  | 16.7   | 20.0   | 23.3   | 26.5   | 29.6   | 32.7   |
| 85°    | 0.0  | 6.3    | 12.7  | 19.6   | 26.1  | 33.4   | 40.0   | 46.5   | 52.9   | 59.2   | 68.9   |
| 82.5°  | 0.0  | 9.5    | 19.0  | 29.3   | 39.0  | 50.0   | 59.9   | 77.4   | 96.5   | 115.3  | 134.8  |
| 80°    | 0.0  | 12.6   | 25.2  | 39.0   | 51.9  | 71.3   | 98.0   | 123.5  | 148.9  | 174.0  | 209.3  |
| 77.5°  | 0.0  | 15.7   | 31.5  | 48.5   | 69.1  | 103.9  | 137.8  | 169.3  | 211.3  | 264.9  | 318.9  |
| 75°    | 0.0  | 18.8   | 37.6  | 58.0   | 93.7  | 136.0  | 177.2  | 234.1  | 298.3  | 363.0  | 440.0  |
| 72.5°  | 0.0  | 21.9   | 43.7  | 73.1   | 117.9 | 167.6  | 234.3  | 309.2  | 384.3  | 486.3  | 592.8  |
| 70°    | 0.0  | 24.9   | 49.7  | 89.4   | 141.4 | 207.3  | 296.4  | 383.2  | 498.8  | 620.9  | 753.9  |
| 67.5°  | 0.0  | 27.8   | 55.6  | 105.3  | 164.2 | 255.2  | 357.2  | 480.6  | 615.3  | 764.8  | 934.4  |
| 65°    | 0.0  | 30.7   | 63.7  | 120.8  | 192.9 | 301.5  | 426.7  | 580.0  | 737.2  | 918.0  | 1117.3 |
| 62.5°  | 0.0  | 33.6   | 73.2  | 135.9  | 226.4 | 346.0  | 505.0  | 677.2  | 868.0  | 1073.9 | 1309.0 |
| 60°    | 0.0  | 36.4   | 82.5  | 150.4  | 258.6 | 395.4  | 580.1  | 788.4  | 995.2  | 1260.0 | 1525.6 |
| 57.5°  | 0.0  | 39.1   | 91.5  | 165.0  | 289.6 | 450.5  | 651.7  | 895.6  | 1161.7 | 1451.6 | 1831.4 |
| 55°    | 0.0  | 41.7   | 100.1 | 186.7  | 319.0 | 502.6  | 732.0  | 993.8  | 1326.5 | 1701.1 | 2143.0 |
| 52.5°  | 0.0  | 44.3   | 108.4 | 207.5  | 349.2 | 551.7  | 806.6  | 1104.9 | 1477.0 | 1933.2 | 2444.4 |
| 50°    | 0.0  | 46.8   | 116.3 | 227.4  | 386.7 | 599.2  | 876.5  | 1205.7 | 1602.1 | 2109.8 | 2651.7 |
| 47.5°  | 0.0  | 49.1   | 123.8 | 246.3  | 422.6 | 655.2  | 943.4  | 1293.0 | 1694.6 | 2179.7 | 2699.9 |
| 45°    | 0.0  | 51.4   | 130.9 | 264.1  | 457.1 | 708.3  | 1016.6 | 1366.7 | 1777.7 | 2229.8 | 2672.4 |
| 42.5°  | 0.0  | 53.6   | 137.6 | 280.9  | 489.7 | 758.4  | 1086.6 | 1450.0 | 1847.0 | 2256.3 | 2613.0 |
| 40°    | 0.0  | 55.7   | 143.9 | 296.8  | 520.4 | 805.4  | 1155.2 | 1535.7 | 1918.2 | 2293.9 | 2692.6 |
| 37.5°  | 0.0  | 57.7   | 149.7 | 311.7  | 549.1 | 849.2  | 1222.3 | 1621.4 | 1991.3 | 2388.8 | 2789.0 |
| 35°    | 0.0  | 60.3   | 158.0 | 330.4  | 580.9 | 898.6  | 1291.0 | 1712.1 | 2111.7 | 2501.9 | 2910.1 |
| 32.5°  | 0.0  | 62.9   | 166.7 | 349.5  | 612.5 | 949.6  | 1359.6 | 1808.3 | 2241.9 | 2626.8 | 3075.9 |
| 30°    | 0.0  | 65.4   | 174.7 | 367.2  | 641.6 | 997.3  | 1424.9 | 1906.5 | 2376.9 | 2798.3 | 3243.0 |
| 27.5°  | 0.0  | 67.7   | 182.2 | 383.4  | 669.1 | 1041.5 | 1487.4 | 2005.9 | 2531.9 | 2975.8 | 3416.2 |
| 25°    | 0.0  | 69.7   | 188.9 | 398.0  | 694.2 | 1082.2 | 1545.1 | 2105.7 | 2714.1 | 3157.9 | 3583.9 |
| 22.5°  | 0.0  | 71.6   | 194.9 | 411.0  | 716.7 | 1119.5 | 1597.7 | 2187.1 | 2938.1 | 3452.2 | 3755.4 |
| 20°    | 0.0  | 73.3   | 200.2 | 422.5  | 736.7 | 1153.3 | 1647.4 | 2266.0 | 3124.8 | 3727.7 | 4000.0 |
| 17.5°  | 0.0  | 74.7   | 204.7 | 432.0  | 754.0 | 1182.9 | 1694.6 | 2332.5 | 3241.9 | 3965.8 | 4220.1 |
| 15°    | 0.0  | 76.0   | 208.5 | 439.8  | 768.6 | 1209.8 | 1733.4 | 2381.9 | 3349.5 | 4209.9 | 4419.3 |
| 12.5°  | 0.0  | 77.0   | 211.5 | 445.9  | 779.1 | 1233.8 | 1764.3 | 2409.9 | 3378.9 | 4499.6 | 4608.4 |
| 10°    | 0.0  | 77.9   | 213.8 | 450.4  | 786.2 | 1249.9 | 1787.6 | 2422.4 | 3325.4 | 4618.1 | 4751.5 |
| 7.5°   | 0.0  | 78.5   | 215.4 | 453.2  | 790.4 | 1258.4 | 1799.4 | 2425.3 | 3240.5 | 4693.0 | 4827.9 |
| 5°     | 0.0  | 78.9   | 216.2 | 454.3  | 791.8 | 1261.8 | 1803.1 | 2437.5 | 3257.6 | 4707.4 | 4873.6 |
| 2.5°   | 0.0  | 79.1   | 216.3 | 453.9  | 790.5 | 1260.0 | 1800.1 | 2440.9 | 3303.6 | 4639.0 | 4809.8 |
| 0°     | 0.0  | 79.2   | 215.7 | 451.9  | 786.4 | 1253.3 | 1790.3 | 2435.1 | 3336.6 | 4568.5 | 4741.9 |
| -2.5°  | 0.0  | 79.0   | 214.9 | 449.2  | 779.6 | 1240.6 | 1774.2 | 2424.8 | 3336.9 | 4360.4 | 4592.5 |
| -5°    | 0.0  | 78.6   | 213.4 | 445.0  | 770.2 | 1223.0 | 1751.4 | 2404.4 | 3321.3 | 4146.2 | 4433.4 |
| -7.5°  | 0.0  | 78.0   | 211.2 | 439.2  | 758.3 | 1200.7 | 1721.7 | 2373.5 | 3255.4 | 3910.8 | 4251.3 |
| -10°   | 0.0  | 77.2   | 208.3 | 432.1  | 743.9 | 1173.8 | 1684.6 | 2306.7 | 3076.4 | 3652.0 | 4049.9 |
| -12.5° | 0.0  | 76.3   | 204.8 | 423.4  | 727.3 | 1143.5 | 1639.5 | 2228.1 | 2898.5 | 3387.3 | 3865.4 |
| -15°   | 0.0  | 75.1   | 200.6 | 413.4  | 709.0 | 1110.4 | 1588.8 | 2145.0 | 2730.0 | 3204.9 | 3688.2 |
| -17.5° | 0.0  | 73.8   | 195.8 | 402.0  | 690.0 | 1075.5 | 1532.9 | 2053.3 | 2569.9 | 3013.4 | 3510.9 |
| -20°   | 0.0  | 72.2   | 190.4 | 389.5  | 668.7 | 1038.9 | 1472.9 | 1956.8 | 2414.8 | 2856.1 | 3343.0 |



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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85°  | -82.5° | -80°  | -77.5° | -75°   | -72.5° | -70°   | -67.5° | -65°   |
|--------|------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| -22.5° | 0.0  | 70.5   | 184.5 | 376.4  | 645.2 | 999.1  | 1415.1 | 1861.4 | 2291.8 | 2724.6 | 3175.3 |
| -25°   | 0.0  | 68.6   | 177.9 | 362.0  | 619.5 | 958.3  | 1356.2 | 1772.7 | 2192.4 | 2590.4 | 3033.6 |
| -27.5° | 0.0  | 66.5   | 170.8 | 346.6  | 591.6 | 915.1  | 1294.3 | 1702.3 | 2095.5 | 2494.6 | 2891.3 |
| -30°   | 0.0  | 64.2   | 163.2 | 330.1  | 562.0 | 869.1  | 1232.1 | 1629.9 | 2027.0 | 2430.1 | 2828.6 |
| -32.5° | 0.0  | 61.8   | 155.4 | 312.6  | 533.1 | 820.3  | 1174.8 | 1556.2 | 1993.0 | 2395.4 | 2846.6 |
| -35°   | 0.0  | 59.2   | 147.0 | 294.1  | 502.6 | 768.9  | 1113.9 | 1490.9 | 1952.6 | 2444.8 | 2922.2 |
| -37.5° | 0.0  | 56.6   | 139.1 | 276.4  | 473.0 | 721.5  | 1051.6 | 1430.7 | 1897.2 | 2433.6 | 3039.3 |
| -40°   | 0.0  | 54.6   | 133.5 | 262.2  | 447.5 | 683.2  | 989.5  | 1357.4 | 1796.3 | 2346.9 | 2963.7 |
| -42.5° | 0.0  | 52.5   | 127.6 | 247.6  | 420.5 | 642.2  | 923.3  | 1270.9 | 1668.5 | 2152.7 | 2717.8 |
| -45°   | 0.0  | 50.3   | 121.4 | 232.9  | 392.2 | 598.6  | 852.1  | 1169.5 | 1514.4 | 1933.9 | 2420.6 |
| -47.5° | 0.0  | 48.0   | 114.9 | 217.4  | 362.7 | 552.7  | 775.9  | 1059.6 | 1375.4 | 1729.7 | 2135.4 |
| -50°   | 0.0  | 45.6   | 108.1 | 201.2  | 332.3 | 504.5  | 713.4  | 959.3  | 1233.2 | 1531.1 | 1867.0 |
| -52.5° | 0.0  | 43.2   | 101.1 | 184.3  | 300.7 | 464.4  | 651.8  | 858.1  | 1092.0 | 1367.0 | 1664.9 |
| -55°   | 0.0  | 40.7   | 93.8  | 166.6  | 275.2 | 421.6  | 588.3  | 758.6  | 976.7  | 1214.2 | 1463.6 |
| -57.5° | 0.0  | 38.1   | 86.3  | 148.4  | 250.4 | 377.2  | 521.4  | 679.6  | 858.1  | 1063.1 | 1292.0 |
| -60°   | 0.0  | 35.4   | 78.6  | 136.1  | 224.5 | 331.2  | 464.0  | 598.6  | 742.2  | 928.9  | 1114.1 |
| -62.5° | 0.0  | 32.7   | 70.6  | 123.9  | 197.6 | 290.7  | 405.7  | 516.5  | 650.5  | 792.8  | 958.5  |
| -65°   | 0.0  | 29.9   | 62.5  | 111.3  | 169.7 | 254.5  | 346.7  | 449.5  | 557.4  | 682.4  | 809.1  |
| -67.5° | 0.0  | 27.0   | 55.4  | 98.2   | 146.0 | 217.3  | 294.5  | 381.7  | 474.7  | 577.9  | 683.4  |
| -70°   | 0.0  | 24.2   | 49.5  | 84.8   | 127.3 | 179.2  | 248.4  | 315.2  | 398.3  | 483.3  | 567.6  |
| -72.5° | 0.0  | 21.2   | 43.6  | 71.1   | 108.2 | 147.5  | 201.6  | 261.3  | 322.6  | 397.5  | 467.1  |
| -75°   | 0.0  | 18.3   | 37.5  | 58.0   | 88.8  | 122.0  | 158.2  | 206.8  | 260.0  | 316.3  | 373.5  |
| -77.5° | 0.0  | 15.3   | 31.4  | 48.5   | 69.0  | 96.0   | 126.0  | 157.7  | 196.3  | 244.4  | 290.1  |
| -80°   | 0.0  | 12.2   | 25.2  | 39.0   | 53.4  | 69.6   | 93.3   | 118.5  | 144.4  | 175.2  | 210.0  |
| -82.5° | 0.0  | 9.2    | 19.0  | 29.3   | 40.2  | 50.1   | 61.6   | 78.8   | 96.9   | 119.8  | 143.3  |
| -85°   | 0.0  | 6.1    | 12.7  | 19.6   | 26.8  | 33.5   | 41.1   | 49.1   | 55.9   | 66.0   | 79.4   |
| -87.5° | 0.0  | 3.1    | 6.3   | 9.8    | 13.4  | 16.7   | 20.6   | 24.6   | 28.0   | 33.1   | 38.4   |
| -90°   | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





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 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**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°  | 33.6   | 36.4   | 36.7   | 37.9   | 38.8   | 39.5   | 40.0    | 41.8    | 43.6    | 45.3    | 46.9    |
| 85°    | 78.4   | 90.4   | 97.8   | 107.2  | 116.5  | 123.2  | 128.9   | 136.7   | 146.9   | 157.1   | 170.5   |
| 82.5°  | 153.6  | 171.0  | 183.1  | 208.0  | 233.5  | 253.8  | 273.2   | 296.0   | 323.2   | 351.9   | 384.2   |
| 80°    | 252.8  | 290.7  | 319.9  | 351.0  | 389.7  | 432.1  | 473.2   | 519.6   | 571.4   | 624.1   | 678.8   |
| 77.5°  | 373.4  | 430.1  | 485.4  | 539.4  | 601.3  | 656.9  | 725.2   | 798.2   | 874.1   | 949.6   | 1025.9  |
| 75°    | 531.9  | 615.2  | 678.7  | 763.0  | 852.1  | 938.8  | 1024.9  | 1140.2  | 1261.5  | 1382.8  | 1508.0  |
| 72.5°  | 700.3  | 831.5  | 940.5  | 1026.8 | 1140.3 | 1267.0 | 1402.1  | 1562.5  | 1742.7  | 1918.5  | 2082.8  |
| 70°    | 909.3  | 1072.0 | 1224.3 | 1330.8 | 1464.5 | 1634.1 | 1819.6  | 2037.9  | 2290.7  | 2555.1  | 2840.7  |
| 67.5°  | 1119.4 | 1357.5 | 1538.0 | 1657.1 | 1844.4 | 2029.7 | 2256.4  | 2551.8  | 2863.1  | 3209.6  | 3663.8  |
| 65°    | 1353.2 | 1655.3 | 1844.0 | 2002.3 | 2215.3 | 2425.4 | 2693.1  | 3052.3  | 3410.4  | 3759.1  | 4254.4  |
| 62.5°  | 1604.8 | 1975.1 | 2150.2 | 2333.9 | 2568.4 | 2797.1 | 3104.6  | 3486.5  | 3880.5  | 4258.3  | 4679.3  |
| 60°    | 1922.3 | 2313.4 | 2468.4 | 2633.5 | 2891.8 | 3137.7 | 3464.6  | 3887.7  | 4340.4  | 4758.0  | 5183.6  |
| 57.5°  | 2280.9 | 2735.5 | 2786.2 | 2912.9 | 3190.8 | 3444.6 | 3803.6  | 4256.6  | 4710.0  | 5198.9  | 5741.1  |
| 55°    | 2726.7 | 3204.5 | 3086.9 | 3236.8 | 3463.3 | 3730.3 | 4088.6  | 4520.3  | 5008.3  | 5581.6  | 6233.2  |
| 52.5°  | 3141.6 | 3650.0 | 3369.0 | 3507.4 | 3691.6 | 3953.7 | 4316.8  | 4756.9  | 5275.7  | 5903.2  | 6619.7  |
| 50°    | 3348.7 | 3655.4 | 3509.7 | 3732.0 | 3919.8 | 4165.1 | 4520.0  | 4979.1  | 5511.4  | 6136.0  | 6880.6  |
| 47.5°  | 3353.8 | 3472.4 | 3672.1 | 3937.7 | 4145.5 | 4418.0 | 4776.3  | 5201.9  | 5705.2  | 6306.9  | 6991.6  |
| 45°    | 3098.8 | 3418.1 | 3740.9 | 4065.1 | 4366.0 | 4681.2 | 5048.1  | 5424.1  | 5932.7  | 6438.2  | 6974.1  |
| 42.5°  | 2989.6 | 3421.2 | 3817.6 | 4192.8 | 4569.7 | 4930.8 | 5331.3  | 5776.9  | 6298.7  | 6706.1  | 7223.6  |
| 40°    | 3081.6 | 3494.4 | 3919.2 | 4324.2 | 4745.8 | 5171.8 | 5650.2  | 6223.7  | 6854.8  | 7189.0  | 7850.5  |
| 37.5°  | 3198.9 | 3620.5 | 4054.1 | 4486.1 | 4943.5 | 5397.9 | 5919.8  | 6585.8  | 7315.3  | 7939.5  | 8879.1  |
| 35°    | 3350.1 | 3754.4 | 4190.7 | 4642.7 | 5140.4 | 5587.4 | 6101.2  | 6818.9  | 7724.5  | 8774.2  | 10183.6 |
| 32.5°  | 3495.4 | 3892.2 | 4343.3 | 4820.0 | 5291.6 | 5756.6 | 6315.6  | 7080.9  | 8147.8  | 9644.9  | 11557.2 |
| 30°    | 3647.2 | 4043.5 | 4495.1 | 4998.3 | 5428.6 | 5922.8 | 6540.5  | 7396.9  | 8658.8  | 10469.3 | 12966.2 |
| 27.5°  | 3814.8 | 4189.5 | 4662.8 | 5160.5 | 5604.4 | 6153.7 | 6849.1  | 7787.8  | 9241.2  | 11338.1 | 14232.3 |
| 25°    | 3974.9 | 4367.3 | 4821.2 | 5331.9 | 5824.2 | 6413.5 | 7170.4  | 8168.6  | 9767.2  | 12084.5 | 15288.3 |
| 22.5°  | 4175.6 | 4533.0 | 5034.1 | 5535.4 | 6125.1 | 6750.3 | 7542.1  | 8611.5  | 10251.5 | 12690.2 | 16294.5 |
| 20°    | 4379.4 | 4758.1 | 5266.9 | 5860.1 | 6507.0 | 7197.7 | 7941.1  | 9002.2  | 10611.2 | 13012.2 | 16945.4 |
| 17.5°  | 4606.0 | 5000.0 | 5539.1 | 6208.8 | 6945.6 | 7670.7 | 8401.6  | 9406.5  | 11019.5 | 13634.3 | 18011.9 |
| 15°    | 4837.2 | 5274.0 | 5824.3 | 6572.4 | 7387.2 | 8131.1 | 8846.0  | 9782.4  | 11344.6 | 14078.0 | 18744.0 |
| 12.5°  | 5040.2 | 5524.4 | 6127.3 | 6943.7 | 7818.4 | 8540.2 | 9246.7  | 10118.4 | 11623.1 | 14664.9 | 20089.0 |
| 10°    | 5244.8 | 5784.2 | 6490.1 | 7340.0 | 8256.7 | 8932.6 | 9628.0  | 10516.7 | 12094.1 | 15224.4 | 21016.1 |
| 7.5°   | 5343.5 | 5970.1 | 6832.3 | 7765.9 | 8700.5 | 9264.2 | 9940.7  | 10944.3 | 12437.6 | 15568.3 | 21529.3 |
| 5°     | 5408.9 | 6078.4 | 6960.7 | 7935.3 | 8925.5 | 9437.3 | 10124.7 | 11122.6 | 12558.3 | 15617.0 | 21640.4 |
| 2.5°   | 5335.8 | 6009.6 | 6865.5 | 7870.1 | 8891.1 | 9380.7 | 10028.4 | 10907.4 | 12418.1 | 15410.6 | 21375.4 |
| 0°     | 5233.4 | 5863.2 | 6595.0 | 7550.6 | 8578.6 | 9128.8 | 9719.5  | 10464.9 | 12059.5 | 14993.8 | 20726.8 |
| -2.5°  | 5088.6 | 5656.5 | 6312.2 | 7182.8 | 8149.2 | 8777.9 | 9353.3  | 10064.0 | 11633.8 | 14480.5 | 19880.4 |
| -5°    | 4929.3 | 5439.7 | 6028.3 | 6810.3 | 7693.3 | 8400.3 | 8990.0  | 9750.9  | 11255.6 | 13986.5 | 18818.2 |
| -7.5°  | 4742.7 | 5216.9 | 5753.9 | 6443.1 | 7235.8 | 7969.9 | 8608.0  | 9446.9  | 10913.1 | 13501.3 | 17686.3 |
| -10°   | 4547.1 | 4993.9 | 5501.8 | 6107.2 | 6796.9 | 7504.1 | 8208.1  | 9119.0  | 10590.5 | 13054.3 | 16880.4 |
| -12.5° | 4345.4 | 4766.3 | 5257.8 | 5801.9 | 6394.7 | 7034.4 | 7797.2  | 8794.2  | 10246.5 | 12681.1 | 16283.1 |
| -15°   | 4146.4 | 4557.6 | 5028.9 | 5532.9 | 6045.4 | 6622.1 | 7380.1  | 8413.5  | 9903.5  | 12124.3 | 15393.5 |
| -17.5° | 3968.1 | 4349.4 | 4817.8 | 5305.0 | 5763.7 | 6290.1 | 6950.2  | 7940.9  | 9387.0  | 11441.3 | 14441.7 |
| -20°   | 3782.3 | 4183.7 | 4621.9 | 5107.8 | 5539.4 | 6030.9 | 6584.6  | 7463.1  | 8772.5  | 10521.0 | 13026.8 |



REPORT NUMBER: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°   | -57.5° | -55°   | -52.5° | -50°   | -47.5° | -45°   | -42.5° | -40°   | -37.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| -22.5° | 3626.2 | 4021.8 | 4463.3 | 4927.4 | 5377.5 | 5828.9 | 6371.5 | 7093.7 | 8215.5 | 9691.1 | 11554.4 |
| -25°   | 3464.1 | 3895.1 | 4317.6 | 4773.6 | 5232.3 | 5701.3 | 6300.0 | 6918.2 | 7744.6 | 8763.5 | 10103.6 |
| -27.5° | 3338.3 | 3756.8 | 4182.2 | 4600.8 | 5074.5 | 5554.1 | 6165.2 | 6880.0 | 7576.0 | 8023.6 | 8965.0  |
| -30°   | 3228.9 | 3653.4 | 4055.3 | 4463.7 | 4905.9 | 5345.7 | 5867.8 | 6430.9 | 7201.4 | 7361.7 | 7999.8  |
| -32.5° | 3236.1 | 3609.9 | 3987.1 | 4375.5 | 4756.7 | 5136.4 | 5557.7 | 6004.0 | 6516.2 | 6839.8 | 7269.8  |
| -35°   | 3366.2 | 3682.6 | 3939.6 | 4301.5 | 4585.7 | 4922.9 | 5290.6 | 5678.4 | 6131.3 | 6517.1 | 7021.6  |
| -37.5° | 3574.4 | 3877.6 | 3928.0 | 4163.1 | 4412.4 | 4698.1 | 5067.3 | 5459.7 | 5899.9 | 6342.9 | 6924.8  |
| -40°   | 3674.2 | 3994.1 | 3828.1 | 3954.2 | 4198.5 | 4478.3 | 4840.5 | 5242.0 | 5691.4 | 6156.0 | 6809.3  |
| -42.5° | 3600.8 | 3771.8 | 3617.7 | 3712.2 | 3975.6 | 4282.9 | 4628.1 | 5040.2 | 5493.0 | 5998.5 | 6658.5  |
| -45°   | 3141.7 | 3467.4 | 3326.5 | 3484.8 | 3770.6 | 4082.2 | 4443.3 | 4833.3 | 5291.3 | 5790.4 | 6442.7  |
| -47.5° | 2645.7 | 3125.9 | 3027.5 | 3241.8 | 3546.8 | 3851.4 | 4210.3 | 4628.1 | 5068.1 | 5553.2 | 6155.6  |
| -50°   | 2314.1 | 2704.6 | 2820.1 | 3005.7 | 3297.8 | 3577.0 | 3919.5 | 4346.4 | 4791.9 | 5233.3 | 5832.4  |
| -52.5° | 2025.5 | 2398.5 | 2568.3 | 2754.9 | 3017.4 | 3275.8 | 3600.6 | 4002.1 | 4417.4 | 4897.6 | 5505.1  |
| -55°   | 1788.7 | 2124.5 | 2327.0 | 2481.8 | 2705.5 | 2946.8 | 3248.2 | 3611.7 | 3993.8 | 4535.9 | 5167.3  |
| -57.5° | 1563.1 | 1850.4 | 2036.3 | 2185.3 | 2381.8 | 2600.6 | 2867.8 | 3191.3 | 3544.0 | 4024.1 | 4513.2  |
| -60°   | 1351.8 | 1583.4 | 1745.2 | 1887.3 | 2057.7 | 2252.8 | 2475.5 | 2746.3 | 3038.7 | 3343.1 | 3663.2  |
| -62.5° | 1144.2 | 1340.0 | 1467.6 | 1606.3 | 1762.6 | 1926.9 | 2099.2 | 2315.0 | 2521.5 | 2746.4 | 2960.5  |
| -65°   | 962.2  | 1110.9 | 1228.5 | 1344.7 | 1498.2 | 1634.8 | 1766.1 | 1922.4 | 2086.5 | 2263.5 | 2460.0  |
| -67.5° | 793.1  | 923.9  | 1019.2 | 1128.4 | 1256.3 | 1375.1 | 1465.1 | 1575.0 | 1714.2 | 1859.7 | 2021.9  |
| -70°   | 661.7  | 755.1  | 847.8  | 933.1  | 1033.9 | 1134.1 | 1197.0 | 1276.7 | 1396.1 | 1525.7 | 1665.6  |
| -72.5° | 537.0  | 618.9  | 690.1  | 755.4  | 835.6  | 907.6  | 957.0  | 1025.8 | 1123.0 | 1243.6 | 1368.7  |
| -75°   | 436.7  | 494.4  | 543.2  | 605.7  | 664.6  | 707.9  | 741.1  | 802.2  | 880.7  | 992.5  | 1107.0  |
| -77.5° | 338.6  | 384.2  | 427.9  | 473.5  | 518.4  | 555.4  | 587.8  | 628.6  | 682.7  | 768.5  | 853.2   |
| -80°   | 249.9  | 283.9  | 317.1  | 352.2  | 388.8  | 420.3  | 442.8  | 474.2  | 520.7  | 586.3  | 643.6   |
| -82.5° | 168.1  | 188.7  | 210.7  | 235.3  | 261.6  | 285.2  | 301.2  | 320.8  | 351.2  | 389.5  | 422.8   |
| -85°   | 94.3   | 107.2  | 119.5  | 130.7  | 145.8  | 159.8  | 169.9  | 179.4  | 194.5  | 209.8  | 228.3   |
| -87.5° | 43.0   | 46.6   | 48.9   | 49.6   | 54.0   | 58.5   | 63.0   | 65.9   | 72.1   | 78.4   | 86.6    |
| -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: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**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°  | 50.2    | 53.5    | 56.6    | 59.4    | 62.3     | 65.1     | 68.0     | 70.4     | 72.2     | 74.6     | 76.3     |
| 85°    | 178.0   | 185.6   | 195.6   | 204.7   | 215.7    | 229.4    | 246.1    | 262.3    | 271.6    | 278.6    | 279.8    |
| 82.5°  | 407.6   | 429.3   | 451.7   | 471.5   | 490.4    | 522.8    | 564.6    | 609.3    | 630.1    | 633.1    | 626.6    |
| 80°    | 725.7   | 769.0   | 803.9   | 831.6   | 859.5    | 900.3    | 948.8    | 983.3    | 993.5    | 1010.3   | 1042.5   |
| 77.5°  | 1108.0  | 1180.4  | 1229.3  | 1259.1  | 1290.8   | 1335.0   | 1388.7   | 1401.7   | 1405.0   | 1443.7   | 1510.4   |
| 75°    | 1617.0  | 1694.1  | 1743.4  | 1763.1  | 1798.3   | 1857.3   | 1910.6   | 1923.2   | 1928.4   | 1991.9   | 2102.7   |
| 72.5°  | 2216.9  | 2285.4  | 2310.8  | 2318.6  | 2364.5   | 2435.6   | 2465.9   | 2474.7   | 2502.0   | 2588.7   | 2731.0   |
| 70°    | 3016.4  | 2988.9  | 2919.2  | 2898.2  | 2955.1   | 3025.4   | 3026.0   | 3026.1   | 3089.6   | 3210.6   | 3367.1   |
| 67.5°  | 3876.0  | 3680.2  | 3531.8  | 3506.3  | 3559.0   | 3598.6   | 3583.9   | 3605.0   | 3703.9   | 3854.4   | 4091.5   |
| 65°    | 4433.1  | 4253.9  | 4131.9  | 4122.5  | 4150.9   | 4149.8   | 4144.8   | 4226.5   | 4351.1   | 4529.2   | 4806.1   |
| 62.5°  | 4864.3  | 4828.1  | 4744.5  | 4716.0  | 4714.0   | 4685.8   | 4701.3   | 4865.4   | 5065.9   | 5203.5   | 5399.2   |
| 60°    | 5436.4  | 5452.4  | 5351.9  | 5287.4  | 5238.2   | 5190.7   | 5219.3   | 5342.6   | 5541.7   | 5677.3   | 5899.6   |
| 57.5°  | 6106.8  | 6167.5  | 6015.7  | 5864.3  | 5669.7   | 5516.7   | 5578.6   | 5690.2   | 5819.7   | 5985.7   | 6287.6   |
| 55°    | 6756.3  | 6937.1  | 6812.4  | 6493.2  | 6074.8   | 5908.0   | 6004.8   | 6135.3   | 6241.6   | 6361.0   | 6651.2   |
| 52.5°  | 7303.2  | 7608.2  | 7507.8  | 6976.0  | 6495.8   | 6385.0   | 6502.9   | 6630.0   | 6721.6   | 6850.7   | 7130.6   |
| 50°    | 7665.2  | 8033.3  | 7867.1  | 7320.4  | 6951.3   | 6955.2   | 7067.9   | 7175.7   | 7290.6   | 7456.6   | 7733.1   |
| 47.5°  | 7712.8  | 8107.0  | 7985.4  | 7646.0  | 7499.7   | 7632.8   | 7736.3   | 7832.8   | 8048.2   | 8305.8   | 8614.5   |
| 45°    | 7699.7  | 8119.0  | 8142.3  | 8199.3  | 8304.6   | 8542.3   | 8673.3   | 8938.1   | 9410.8   | 9960.1   | 10605.6  |
| 42.5°  | 7949.4  | 8456.2  | 8843.6  | 9253.9  | 9556.8   | 9990.4   | 10346.6  | 11006.5  | 11796.7  | 12561.3  | 12797.1  |
| 40°    | 8739.9  | 9515.6  | 10269.2 | 11032.5 | 11558.5  | 12377.3  | 13096.0  | 13916.2  | 14057.0  | 13656.9  | 13166.8  |
| 37.5°  | 10067.1 | 11222.0 | 12637.9 | 13874.8 | 14805.5  | 16746.1  | 17450.6  | 16829.1  | 15618.2  | 14841.3  | 14433.6  |
| 35°    | 11905.6 | 13827.5 | 15973.6 | 18400.2 | 21077.0  | 21842.7  | 21418.3  | 19972.6  | 18688.2  | 18023.4  | 17293.6  |
| 32.5°  | 13978.7 | 16618.9 | 20282.8 | 24212.1 | 26574.8  | 27173.0  | 26578.6  | 25795.7  | 24725.3  | 23644.9  | 22495.6  |
| 30°    | 16050.9 | 20132.5 | 25579.9 | 30744.5 | 33589.5  | 35626.9  | 36476.0  | 36368.3  | 35395.8  | 33577.1  | 32085.7  |
| 27.5°  | 18198.2 | 24042.3 | 31436.6 | 37429.1 | 42792.4  | 47958.3  | 51499.4  | 52660.1  | 52632.3  | 50667.8  | 50590.0  |
| 25°    | 20150.7 | 27983.6 | 36175.0 | 44188.0 | 53384.6  | 62510.0  | 70068.9  | 75133.8  | 78225.0  | 78932.7  | 80917.1  |
| 22.5°  | 22178.2 | 30352.4 | 39357.8 | 49917.4 | 63056.1  | 77522.6  | 91034.0  | 102769.4 | 112235.9 | 117311.7 | 122258.3 |
| 20°    | 23470.9 | 31983.3 | 41757.8 | 54808.9 | 71315.5  | 90392.0  | 110189.1 | 130238.0 | 147378.2 | 159279.1 | 167296.9 |
| 17.5°  | 25133.2 | 33357.3 | 44336.0 | 60031.1 | 80234.9  | 102073.6 | 124855.6 | 149133.3 | 174778.9 | 198232.8 | 212360.8 |
| 15°    | 26671.0 | 34998.4 | 47193.8 | 65152.0 | 87980.8  | 113828.4 | 140671.8 | 168303.8 | 195787.5 | 222056.7 | 241506.2 |
| 12.5°  | 27877.3 | 36644.9 | 49756.1 | 69441.8 | 95025.7  | 124517.4 | 155798.1 | 187890.1 | 218797.2 | 247147.6 | 269311.0 |
| 10°    | 28842.3 | 38115.1 | 52920.0 | 75077.0 | 103331.1 | 135715.5 | 170095.7 | 203007.3 | 235416.5 | 265500.6 | 292535.3 |
| 7.5°   | 29699.4 | 39761.0 | 55265.2 | 78321.8 | 108414.4 | 143847.6 | 180685.0 | 214867.6 | 246947.3 | 277711.6 | 307092.3 |
| 5°     | 30026.9 | 40161.3 | 55826.8 | 79145.9 | 110681.0 | 147290.3 | 184625.9 | 219314.0 | 251714.2 | 283023.5 | 314711.1 |
| 2.5°   | 29647.8 | 39448.8 | 54879.0 | 78597.1 | 109428.5 | 145140.9 | 181795.0 | 215961.6 | 247681.9 | 277203.8 | 304833.0 |
| 0°     | 28768.9 | 37970.1 | 52599.3 | 75409.0 | 104115.6 | 136866.0 | 170947.8 | 203881.5 | 235183.4 | 264124.7 | 290126.3 |
| -2.5°  | 27777.2 | 36509.8 | 49914.0 | 70289.5 | 96197.9  | 125714.3 | 156520.1 | 187846.9 | 217720.8 | 245355.5 | 267179.2 |
| -5°    | 26563.1 | 34957.1 | 47211.5 | 65144.2 | 88495.1  | 114151.5 | 140403.3 | 166953.3 | 193705.7 | 220842.4 | 241902.0 |
| -7.5°  | 24996.7 | 33291.3 | 44376.1 | 60120.7 | 80005.7  | 101822.2 | 124544.0 | 149473.1 | 176040.8 | 199807.6 | 213932.3 |
| -10°   | 23362.1 | 31537.0 | 41282.7 | 54521.8 | 71173.6  | 90287.1  | 110612.1 | 130117.1 | 147636.1 | 159937.7 | 169354.0 |
| -12.5° | 22097.2 | 30138.1 | 38805.5 | 49411.8 | 62984.0  | 77753.3  | 91666.1  | 103555.0 | 112492.3 | 118525.4 | 122775.9 |
| -15°   | 20458.2 | 27950.8 | 36268.3 | 44528.3 | 54086.3  | 63763.9  | 71659.4  | 76959.7  | 79587.8  | 80356.8  | 80780.0  |
| -17.5° | 18605.4 | 24592.1 | 31920.7 | 37855.5 | 43686.9  | 49150.5  | 53184.1  | 54540.7  | 54139.1  | 52659.1  | 50716.2  |
| -20°   | 16213.7 | 20436.2 | 25998.0 | 31282.0 | 34268.2  | 36473.8  | 37884.4  | 38018.1  | 36852.3  | 35224.7  | 33322.8  |



REPORT NUMBER: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**CANDELA DISTRIBUTION (continued):**

|        | -35°    | -32.5°  | -30°    | -27.5°  | -25°    | -22.5°  | -20°    | -17.5°  | -15°    | -12.5°  | -10°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 13789.9 | 16523.4 | 20165.0 | 24059.4 | 26414.2 | 27021.9 | 26684.6 | 26204.8 | 25425.4 | 24326.9 | 23262.4 |
| -25°   | 11729.4 | 13439.3 | 15512.1 | 17996.8 | 20240.5 | 21096.9 | 20509.1 | 19386.0 | 18586.7 | 17863.9 | 17466.0 |
| -27.5° | 10125.8 | 11353.3 | 12525.4 | 13760.0 | 15213.5 | 16498.6 | 16877.4 | 16004.2 | 15190.4 | 14353.8 | 14203.3 |
| -30°   | 8865.3  | 9735.1  | 10553.1 | 11255.6 | 11856.5 | 12730.1 | 13492.4 | 14099.2 | 13810.4 | 13153.9 | 12832.1 |
| -32.5° | 8022.3  | 8641.4  | 9138.9  | 9592.6  | 9925.4  | 10282.0 | 10685.3 | 11386.2 | 12034.4 | 12556.8 | 12959.5 |
| -35°   | 7728.5  | 8232.3  | 8408.8  | 8473.7  | 8685.3  | 8900.8  | 9021.3  | 9243.7  | 9654.4  | 10373.3 | 10996.4 |
| -37.5° | 7689.7  | 8288.8  | 8302.5  | 8026.2  | 7866.7  | 8042.3  | 8144.2  | 8256.3  | 8438.2  | 8760.5  | 9063.7  |
| -40°   | 7598.6  | 8267.3  | 8325.0  | 7853.4  | 7440.4  | 7439.2  | 7546.1  | 7666.1  | 7773.2  | 7963.6  | 8216.3  |
| -42.5° | 7379.5  | 7940.5  | 8090.5  | 7638.2  | 7072.9  | 6933.1  | 7035.2  | 7184.0  | 7273.3  | 7391.8  | 7617.1  |
| -45°   | 7088.0  | 7482.4  | 7503.7  | 7204.4  | 6757.0  | 6487.8  | 6564.5  | 6724.7  | 6845.2  | 6966.1  | 7153.3  |
| -47.5° | 6683.6  | 6915.8  | 6855.5  | 6644.0  | 6369.7  | 6192.2  | 6189.8  | 6289.2  | 6450.7  | 6612.7  | 6811.2  |
| -50°   | 6275.5  | 6357.5  | 6250.4  | 6110.2  | 5978.8  | 5850.9  | 5880.1  | 6106.3  | 6295.5  | 6334.7  | 6433.0  |
| -52.5° | 5791.4  | 5766.6  | 5648.9  | 5537.0  | 5464.0  | 5347.9  | 5349.9  | 5537.6  | 5749.0  | 5833.2  | 5919.3  |
| -55°   | 5466.3  | 5177.4  | 5004.3  | 4945.8  | 4929.6  | 4868.4  | 4850.6  | 4941.1  | 5075.4  | 5219.3  | 5422.6  |
| -57.5° | 4680.4  | 4528.7  | 4417.7  | 4368.1  | 4422.4  | 4460.4  | 4414.7  | 4423.9  | 4513.1  | 4648.1  | 4846.4  |
| -60°   | 3831.9  | 3863.1  | 3820.2  | 3795.2  | 3883.8  | 4003.2  | 3982.5  | 3935.1  | 3987.9  | 4099.1  | 4270.3  |
| -62.5° | 3135.4  | 3250.9  | 3282.6  | 3273.7  | 3355.2  | 3490.7  | 3497.5  | 3476.1  | 3507.7  | 3606.5  | 3771.1  |
| -65°   | 2617.6  | 2723.4  | 2807.2  | 2817.8  | 2865.2  | 2953.9  | 2994.8  | 3007.7  | 3034.9  | 3127.2  | 3282.0  |
| -67.5° | 2156.4  | 2251.7  | 2331.8  | 2378.4  | 2412.7  | 2466.5  | 2520.3  | 2555.3  | 2583.2  | 2654.1  | 2788.2  |
| -70°   | 1762.7  | 1827.5  | 1891.5  | 1943.1  | 1999.0  | 2077.8  | 2174.2  | 2246.1  | 2273.4  | 2306.7  | 2405.1  |
| -72.5° | 1427.6  | 1458.5  | 1511.2  | 1573.5  | 1655.3  | 1758.5  | 1878.4  | 1981.6  | 2037.4  | 2075.2  | 2111.6  |
| -75°   | 1135.5  | 1141.7  | 1179.7  | 1240.9  | 1338.8  | 1444.2  | 1523.5  | 1563.1  | 1589.1  | 1646.7  | 1717.3  |
| -77.5° | 867.9   | 870.8   | 898.4   | 953.1   | 1041.2  | 1118.5  | 1149.5  | 1141.1  | 1144.8  | 1181.2  | 1242.5  |
| -80°   | 653.6   | 662.2   | 682.0   | 721.8   | 777.9   | 817.9   | 821.7   | 822.0   | 831.5   | 850.9   | 883.3   |
| -82.5° | 433.0   | 447.1   | 465.0   | 491.1   | 525.7   | 553.6   | 563.6   | 573.4   | 586.2   | 599.1   | 618.4   |
| -85°   | 234.9   | 244.4   | 255.0   | 267.8   | 284.5   | 300.0   | 309.0   | 318.9   | 328.7   | 338.3   | 349.9   |
| -87.5° | 90.7    | 93.1    | 98.6    | 104.0   | 109.6   | 118.1   | 122.8   | 125.9   | 130.3   | 135.9   | 140.5   |
| -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: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**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°  | 76.5     | 75.9     | 75.4     | 74.6     | 75.4     | 75.9     | 76.5     | 76.3     | 74.6     | 72.2     | 70.4     |
| 85°    | 280.8    | 282.5    | 280.7    | 274.9    | 280.7    | 282.5    | 280.8    | 279.8    | 278.6    | 271.6    | 262.3    |
| 82.5°  | 645.0    | 676.0    | 699.7    | 697.6    | 699.7    | 676.0    | 645.0    | 626.6    | 633.1    | 630.1    | 609.3    |
| 80°    | 1105.9   | 1196.1   | 1333.3   | 1405.3   | 1333.3   | 1196.1   | 1105.9   | 1042.5   | 1010.3   | 993.5    | 983.3    |
| 77.5°  | 1588.0   | 1667.5   | 1756.5   | 1825.8   | 1756.5   | 1667.5   | 1588.0   | 1510.4   | 1443.7   | 1405.0   | 1401.7   |
| 75°    | 2213.9   | 2295.8   | 2359.8   | 2402.8   | 2359.8   | 2295.8   | 2213.9   | 2102.7   | 1991.9   | 1928.4   | 1923.2   |
| 72.5°  | 2863.9   | 2968.6   | 3049.3   | 3090.4   | 3049.3   | 2968.6   | 2863.9   | 2731.0   | 2588.7   | 2502.0   | 2474.7   |
| 70°    | 3546.2   | 3715.6   | 3829.1   | 3877.2   | 3829.1   | 3715.6   | 3546.2   | 3367.1   | 3210.6   | 3089.6   | 3026.1   |
| 67.5°  | 4426.9   | 4762.3   | 5012.3   | 5134.2   | 5012.3   | 4762.3   | 4426.9   | 4091.5   | 3854.4   | 3703.9   | 3605.0   |
| 65°    | 5258.0   | 5767.3   | 6182.1   | 6422.9   | 6182.1   | 5767.3   | 5258.0   | 4806.1   | 4529.2   | 4351.1   | 4226.5   |
| 62.5°  | 5903.6   | 6544.7   | 7044.5   | 7309.0   | 7044.5   | 6544.7   | 5903.6   | 5399.2   | 5203.5   | 5065.9   | 4865.4   |
| 60°    | 6444.5   | 7148.2   | 7597.1   | 7727.2   | 7597.1   | 7148.2   | 6444.5   | 5899.6   | 5677.3   | 5541.7   | 5342.6   |
| 57.5°  | 6929.6   | 7500.8   | 7664.1   | 7656.2   | 7664.1   | 7500.8   | 6929.6   | 6287.6   | 5985.7   | 5819.7   | 5690.2   |
| 55°    | 7152.9   | 7510.7   | 7551.6   | 7521.5   | 7551.6   | 7510.7   | 7152.9   | 6651.2   | 6361.0   | 6241.6   | 6135.3   |
| 52.5°  | 7516.0   | 7674.7   | 7602.2   | 7532.8   | 7602.2   | 7674.7   | 7516.0   | 7130.6   | 6850.7   | 6721.6   | 6630.0   |
| 50°    | 8096.8   | 8162.5   | 8059.3   | 8005.7   | 8059.3   | 8162.5   | 8096.8   | 7733.1   | 7456.6   | 7290.6   | 7175.7   |
| 47.5°  | 9020.6   | 9319.9   | 9429.0   | 9466.0   | 9429.0   | 9319.9   | 9020.6   | 8614.5   | 8305.8   | 8048.2   | 7832.8   |
| 45°    | 11221.4  | 11656.0  | 11923.3  | 12021.3  | 11923.3  | 11656.0  | 11221.4  | 10605.6  | 9960.1   | 9410.8   | 8938.1   |
| 42.5°  | 12829.0  | 12758.1  | 12793.6  | 12837.2  | 12793.6  | 12758.1  | 12829.0  | 12797.1  | 12561.3  | 11796.7  | 11006.5  |
| 40°    | 12727.4  | 12450.8  | 12391.8  | 12474.5  | 12391.8  | 12450.8  | 12727.4  | 13166.8  | 13656.9  | 14057.0  | 13916.2  |
| 37.5°  | 13954.0  | 13770.7  | 13718.2  | 13710.0  | 13718.2  | 13770.7  | 13954.0  | 14433.6  | 14841.3  | 15618.2  | 16829.1  |
| 35°    | 16802.7  | 16824.6  | 16783.2  | 16669.4  | 16783.2  | 16824.6  | 16802.7  | 17293.6  | 18023.4  | 18688.2  | 19972.6  |
| 32.5°  | 21904.8  | 21934.3  | 21990.4  | 21922.3  | 21990.4  | 21934.3  | 21904.8  | 22495.6  | 23644.9  | 24725.3  | 25795.7  |
| 30°    | 31737.2  | 31880.2  | 32410.5  | 32701.6  | 32410.5  | 31880.2  | 31737.2  | 32085.7  | 33577.1  | 35395.8  | 36368.3  |
| 27.5°  | 50236.8  | 50515.4  | 52517.9  | 53578.7  | 52517.9  | 50515.4  | 50236.8  | 50590.0  | 50667.8  | 52632.3  | 52660.1  |
| 25°    | 81392.1  | 84301.0  | 87336.3  | 88895.1  | 87336.3  | 84301.0  | 81392.1  | 80917.1  | 78932.7  | 78225.0  | 75133.8  |
| 22.5°  | 126247.5 | 130684.8 | 134881.3 | 136655.6 | 134881.3 | 130684.8 | 126247.5 | 122258.3 | 117311.7 | 112235.9 | 102769.4 |
| 20°    | 175457.8 | 181861.6 | 187144.0 | 188797.6 | 187144.0 | 181861.6 | 175457.8 | 167296.9 | 159279.1 | 147378.2 | 130238.0 |
| 17.5°  | 222599.6 | 232724.0 | 238606.1 | 240307.5 | 238606.1 | 232724.0 | 222599.6 | 212360.8 | 198232.8 | 174778.9 | 149133.3 |
| 15°    | 252664.6 | 269075.2 | 276731.2 | 277054.8 | 276731.2 | 269075.2 | 252664.6 | 241506.2 | 222056.7 | 195787.5 | 168303.8 |
| 12.5°  | 277471.7 | 290648.7 | 300336.6 | 300655.0 | 300336.6 | 290648.7 | 277471.7 | 269311.0 | 247147.6 | 218797.2 | 187890.1 |
| 10°    | 308988.2 | 319471.4 | 329221.4 | 330198.4 | 329221.4 | 319471.4 | 308988.2 | 292535.3 | 265500.6 | 235416.5 | 203007.3 |
| 7.5°   | 332813.8 | 343358.5 | 360899.5 | 366288.5 | 360899.5 | 343358.5 | 332813.8 | 307092.3 | 277711.6 | 246947.3 | 214867.6 |
| 5°     | 342699.0 | 356961.0 | 378930.5 | 387923.7 | 378930.5 | 356961.0 | 342699.0 | 314711.1 | 283023.5 | 251714.2 | 219314.0 |
| 2.5°   | 329209.9 | 339505.6 | 361576.0 | 372176.3 | 361576.0 | 339505.6 | 329209.9 | 304833.0 | 277203.8 | 247681.9 | 215961.6 |
| 0°     | 305800.0 | 317523.7 | 330265.7 | 335014.9 | 330265.7 | 317523.7 | 305800.0 | 290126.3 | 264124.7 | 235183.4 | 203881.5 |
| -2.5°  | 276066.7 | 290484.9 | 301385.1 | 304734.2 | 301385.1 | 290484.9 | 276066.7 | 267179.2 | 245355.5 | 217720.8 | 187846.9 |
| -5°    | 257595.1 | 273277.5 | 282848.9 | 284281.3 | 282848.9 | 273277.5 | 257595.1 | 241902.0 | 220842.4 | 193705.7 | 166953.3 |
| -7.5°  | 226029.0 | 235659.2 | 243400.6 | 245785.7 | 243400.6 | 235659.2 | 226029.0 | 213932.3 | 199807.6 | 176040.8 | 149473.1 |
| -10°   | 177891.1 | 183901.8 | 189351.9 | 190927.4 | 189351.9 | 183901.8 | 177891.1 | 169354.0 | 159937.7 | 147636.1 | 130117.1 |
| -12.5° | 126654.1 | 130696.2 | 134555.8 | 135708.2 | 134555.8 | 130696.2 | 126654.1 | 122775.9 | 118525.4 | 112492.3 | 103555.0 |
| -15°   | 82505.8  | 83697.0  | 86623.8  | 87553.6  | 86623.8  | 83697.0  | 82505.8  | 80780.0  | 80356.8  | 79587.8  | 76959.7  |
| -17.5° | 51415.9  | 51209.9  | 52505.1  | 53241.0  | 52505.1  | 51209.9  | 51415.9  | 50716.2  | 52659.1  | 54139.1  | 54540.7  |
| -20°   | 33330.8  | 33332.7  | 33391.1  | 33617.3  | 33391.1  | 33332.7  | 33330.8  | 33322.8  | 35224.7  | 36852.3  | 38018.1  |



REPORT NUMBER: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°   | -5°     | -2.5°   | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 22732.4 | 22999.1 | 22943.8 | 22965.3 | 22943.8 | 22999.1 | 22732.4 | 23262.4 | 24326.9 | 25425.4 | 26204.8 |
| -25°   | 16864.5 | 16893.3 | 16788.9 | 16752.2 | 16788.9 | 16893.3 | 16864.5 | 17466.0 | 17863.9 | 18586.7 | 19386.0 |
| -27.5° | 13911.2 | 13844.5 | 13855.4 | 13889.4 | 13855.4 | 13844.5 | 13911.2 | 14203.3 | 14353.8 | 15190.4 | 16004.2 |
| -30°   | 12522.1 | 12396.6 | 12464.5 | 12663.8 | 12464.5 | 12396.6 | 12522.1 | 12832.1 | 13153.9 | 13810.4 | 14099.2 |
| -32.5° | 12670.1 | 12450.1 | 12505.2 | 12595.5 | 12505.2 | 12450.1 | 12670.1 | 12959.5 | 12556.8 | 12034.4 | 11386.2 |
| -35°   | 11437.8 | 11683.8 | 11903.5 | 12026.7 | 11903.5 | 11683.8 | 11437.8 | 10996.4 | 10373.3 | 9654.4  | 9243.7  |
| -37.5° | 9347.5  | 9546.0  | 9726.6  | 9864.6  | 9726.6  | 9546.0  | 9347.5  | 9063.7  | 8760.5  | 8438.2  | 8256.3  |
| -40°   | 8415.4  | 8438.3  | 8423.3  | 8473.5  | 8423.3  | 8438.3  | 8415.4  | 8216.3  | 7963.6  | 7773.2  | 7666.1  |
| -42.5° | 7796.9  | 7837.1  | 7799.1  | 7831.8  | 7799.1  | 7837.1  | 7796.9  | 7617.1  | 7391.8  | 7273.3  | 7184.0  |
| -45°   | 7436.0  | 7603.7  | 7653.6  | 7693.4  | 7653.6  | 7603.7  | 7436.0  | 7153.3  | 6966.1  | 6845.2  | 6724.7  |
| -47.5° | 7277.1  | 7638.8  | 7800.7  | 7862.3  | 7800.7  | 7638.8  | 7277.1  | 6811.2  | 6612.7  | 6450.7  | 6289.2  |
| -50°   | 6828.6  | 7518.0  | 8022.1  | 8231.4  | 8022.1  | 7518.0  | 6828.6  | 6433.0  | 6334.7  | 6295.5  | 6106.3  |
| -52.5° | 6392.8  | 7116.5  | 7838.5  | 8301.9  | 7838.5  | 7116.5  | 6392.8  | 5919.3  | 5833.2  | 5749.0  | 5537.6  |
| -55°   | 5828.2  | 6369.2  | 6990.2  | 7506.9  | 6990.2  | 6369.2  | 5828.2  | 5422.6  | 5219.3  | 5075.4  | 4941.1  |
| -57.5° | 5146.6  | 5474.4  | 5841.0  | 6160.3  | 5841.0  | 5474.4  | 5146.6  | 4846.4  | 4648.1  | 4513.1  | 4423.9  |
| -60°   | 4476.6  | 4669.7  | 4854.9  | 4969.4  | 4854.9  | 4669.7  | 4476.6  | 4270.3  | 4099.1  | 3987.9  | 3935.1  |
| -62.5° | 3940.6  | 4086.0  | 4220.3  | 4296.3  | 4220.3  | 4086.0  | 3940.6  | 3771.1  | 3606.5  | 3507.7  | 3476.1  |
| -65°   | 3441.5  | 3568.3  | 3695.1  | 3773.4  | 3695.1  | 3568.3  | 3441.5  | 3282.0  | 3127.2  | 3034.9  | 3007.7  |
| -67.5° | 2958.2  | 3115.4  | 3287.0  | 3399.4  | 3287.0  | 3115.4  | 2958.2  | 2788.2  | 2654.1  | 2583.2  | 2555.3  |
| -70°   | 2577.9  | 2766.1  | 2976.3  | 3049.0  | 2976.3  | 2766.1  | 2577.9  | 2405.1  | 2306.7  | 2273.4  | 2246.1  |
| -72.5° | 2142.5  | 2202.9  | 2246.4  | 2220.3  | 2246.4  | 2202.9  | 2142.5  | 2111.6  | 2075.2  | 2037.4  | 1981.6  |
| -75°   | 1726.6  | 1699.3  | 1666.7  | 1646.5  | 1666.7  | 1699.3  | 1726.6  | 1717.3  | 1646.7  | 1589.1  | 1563.1  |
| -77.5° | 1287.2  | 1281.3  | 1235.4  | 1218.7  | 1235.4  | 1281.3  | 1287.2  | 1242.5  | 1181.2  | 1144.8  | 1141.1  |
| -80°   | 917.5   | 950.4   | 947.5   | 941.1   | 947.5   | 950.4   | 917.5   | 883.3   | 850.9   | 831.5   | 822.0   |
| -82.5° | 638.1   | 654.7   | 674.3   | 694.0   | 674.3   | 654.7   | 638.1   | 618.4   | 599.1   | 586.2   | 573.4   |
| -85°   | 357.8   | 362.9   | 365.3   | 368.6   | 365.3   | 362.9   | 357.8   | 349.9   | 338.3   | 328.7   | 318.9   |
| -87.5° | 143.6   | 144.5   | 140.9   | 138.8   | 140.9   | 144.5   | 143.6   | 140.5   | 135.9   | 130.3   | 125.9   |
| -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: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**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°  | 68.0     | 65.1     | 62.3     | 59.4    | 56.6    | 53.5    | 50.2    | 46.9    | 45.3    | 43.6    | 41.8    |
| 85°    | 246.1    | 229.4    | 215.7    | 204.7   | 195.6   | 185.6   | 178.0   | 170.5   | 157.1   | 146.9   | 136.7   |
| 82.5°  | 564.6    | 522.8    | 490.4    | 471.5   | 451.7   | 429.3   | 407.6   | 384.2   | 351.9   | 323.2   | 296.0   |
| 80°    | 948.8    | 900.3    | 859.5    | 831.6   | 803.9   | 769.0   | 725.7   | 678.8   | 624.1   | 571.4   | 519.6   |
| 77.5°  | 1388.7   | 1335.0   | 1290.8   | 1259.1  | 1229.3  | 1180.4  | 1108.0  | 1025.9  | 949.6   | 874.1   | 798.2   |
| 75°    | 1910.6   | 1857.3   | 1798.3   | 1763.1  | 1743.4  | 1694.1  | 1617.0  | 1508.0  | 1382.8  | 1261.5  | 1140.2  |
| 72.5°  | 2465.9   | 2435.6   | 2364.5   | 2318.6  | 2310.8  | 2285.4  | 2216.9  | 2082.8  | 1918.5  | 1742.7  | 1562.5  |
| 70°    | 3026.0   | 3025.4   | 2955.1   | 2898.2  | 2919.2  | 2988.9  | 3016.4  | 2840.7  | 2555.1  | 2290.7  | 2037.9  |
| 67.5°  | 3583.9   | 3598.6   | 3559.0   | 3506.3  | 3531.8  | 3680.2  | 3876.0  | 3663.8  | 3209.6  | 2863.1  | 2551.8  |
| 65°    | 4144.8   | 4149.8   | 4150.9   | 4122.5  | 4131.9  | 4253.9  | 4433.1  | 4254.4  | 3759.1  | 3410.4  | 3052.3  |
| 62.5°  | 4701.3   | 4685.8   | 4714.0   | 4716.0  | 4744.5  | 4828.1  | 4864.3  | 4679.3  | 4258.3  | 3880.5  | 3486.5  |
| 60°    | 5219.3   | 5190.7   | 5238.2   | 5287.4  | 5351.9  | 5452.4  | 5436.4  | 5183.6  | 4758.0  | 4340.4  | 3887.7  |
| 57.5°  | 5578.6   | 5516.7   | 5669.7   | 5864.3  | 6015.7  | 6167.5  | 6106.8  | 5741.1  | 5198.9  | 4710.0  | 4256.6  |
| 55°    | 6004.8   | 5908.0   | 6074.8   | 6493.2  | 6812.4  | 6937.1  | 6756.3  | 6233.2  | 5581.6  | 5008.3  | 4520.3  |
| 52.5°  | 6502.9   | 6385.0   | 6495.8   | 6976.0  | 7507.8  | 7608.2  | 7303.2  | 6619.7  | 5903.2  | 5275.7  | 4756.9  |
| 50°    | 7067.9   | 6955.2   | 6951.3   | 7320.4  | 7867.1  | 8033.3  | 7665.2  | 6880.6  | 6136.0  | 5511.4  | 4979.1  |
| 47.5°  | 7736.3   | 7632.8   | 7499.7   | 7646.0  | 7985.4  | 8107.0  | 7712.8  | 6991.6  | 6306.9  | 5705.2  | 5201.9  |
| 45°    | 8673.3   | 8542.3   | 8304.6   | 8199.3  | 8142.3  | 8119.0  | 7699.7  | 6974.1  | 6438.2  | 5932.7  | 5424.1  |
| 42.5°  | 10346.6  | 9990.4   | 9556.8   | 9253.9  | 8843.6  | 8456.2  | 7949.4  | 7223.6  | 6706.1  | 6298.7  | 5776.9  |
| 40°    | 13096.0  | 12377.3  | 11558.5  | 11032.5 | 10269.2 | 9515.6  | 8739.9  | 7850.5  | 7189.0  | 6854.8  | 6223.7  |
| 37.5°  | 17450.6  | 16746.1  | 14805.5  | 13874.8 | 12637.9 | 11222.0 | 10067.1 | 8879.1  | 7939.5  | 7315.3  | 6585.8  |
| 35°    | 21418.3  | 21842.7  | 21077.0  | 18400.2 | 15973.6 | 13827.5 | 11905.6 | 10183.6 | 8774.2  | 7724.5  | 6818.9  |
| 32.5°  | 26578.6  | 27173.0  | 26574.8  | 24212.1 | 20282.8 | 16618.9 | 13978.7 | 11557.2 | 9644.9  | 8147.8  | 7080.9  |
| 30°    | 36476.0  | 35626.9  | 33589.5  | 30744.5 | 25579.9 | 20132.5 | 16050.9 | 12966.2 | 10469.3 | 8658.8  | 7396.9  |
| 27.5°  | 51499.4  | 47958.3  | 42792.4  | 37429.1 | 31436.6 | 24042.3 | 18198.2 | 14232.3 | 11338.1 | 9241.2  | 7787.8  |
| 25°    | 70068.9  | 62510.0  | 53384.6  | 44188.0 | 36175.0 | 27983.6 | 20150.7 | 15288.3 | 12084.5 | 9767.2  | 8168.6  |
| 22.5°  | 91034.0  | 77522.6  | 63056.1  | 49917.4 | 39357.8 | 30352.4 | 22178.2 | 16294.5 | 12690.2 | 10251.5 | 8611.5  |
| 20°    | 110189.1 | 90392.0  | 71315.5  | 54808.9 | 41757.8 | 31983.3 | 23470.9 | 16945.4 | 13012.2 | 10611.2 | 9002.2  |
| 17.5°  | 124855.6 | 102073.6 | 80234.9  | 60031.1 | 44336.0 | 33357.3 | 25133.2 | 18011.9 | 13634.3 | 11019.5 | 9406.5  |
| 15°    | 140671.8 | 113828.4 | 87980.8  | 65152.0 | 47193.8 | 34998.4 | 26671.0 | 18744.0 | 14078.0 | 11344.6 | 9782.4  |
| 12.5°  | 155798.1 | 124517.4 | 95025.7  | 69441.8 | 49756.1 | 36644.9 | 27877.3 | 20089.0 | 14664.9 | 11623.1 | 10118.4 |
| 10°    | 170095.7 | 135715.5 | 103331.1 | 75077.0 | 52920.0 | 38115.1 | 28842.3 | 21016.1 | 15224.4 | 12094.1 | 10516.7 |
| 7.5°   | 180685.0 | 143847.6 | 108414.4 | 78321.8 | 55265.2 | 39761.0 | 29699.4 | 21529.3 | 15568.3 | 12437.6 | 10944.3 |
| 5°     | 184625.9 | 147290.3 | 110681.0 | 79145.9 | 55826.8 | 40161.3 | 30026.9 | 21640.4 | 15617.0 | 12558.3 | 11122.6 |
| 2.5°   | 181795.0 | 145140.9 | 109428.5 | 78597.1 | 54879.0 | 39448.8 | 29647.8 | 21375.4 | 15410.6 | 12418.1 | 10907.4 |
| 0°     | 170947.8 | 136866.0 | 104115.6 | 75409.0 | 52599.3 | 37970.1 | 28768.9 | 20726.8 | 14993.8 | 12059.5 | 10464.9 |
| -2.5°  | 156520.1 | 125714.3 | 96197.9  | 70289.5 | 49914.0 | 36509.8 | 27777.2 | 19880.4 | 14480.5 | 11633.8 | 10064.0 |
| -5°    | 140403.3 | 114151.5 | 88495.1  | 65144.2 | 47211.5 | 34957.1 | 26563.1 | 18818.2 | 13986.5 | 11255.6 | 9750.9  |
| -7.5°  | 124544.0 | 101822.2 | 80005.7  | 60120.7 | 44376.1 | 33291.3 | 24996.7 | 17686.3 | 13501.3 | 10913.1 | 9446.9  |
| -10°   | 110612.1 | 90287.1  | 71173.6  | 54521.8 | 41282.7 | 31537.0 | 23362.1 | 16880.4 | 13054.3 | 10590.5 | 9119.0  |
| -12.5° | 91666.1  | 77753.3  | 62984.0  | 49411.8 | 38805.5 | 30138.1 | 22097.2 | 16283.1 | 12681.1 | 10246.5 | 8794.2  |
| -15°   | 71659.4  | 63763.9  | 54086.3  | 44528.3 | 36268.3 | 27950.8 | 20458.2 | 15393.5 | 12124.3 | 9903.5  | 8413.5  |
| -17.5° | 53184.1  | 49150.5  | 43686.9  | 37855.5 | 31920.7 | 24592.1 | 18605.4 | 14441.7 | 11441.3 | 9387.0  | 7940.9  |
| -20°   | 37884.4  | 36473.8  | 34268.2  | 31282.0 | 25998.0 | 20436.2 | 16213.7 | 13026.8 | 10521.0 | 8772.5  | 7463.1  |



REPORT NUMBER: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°   | 25°     | 27.5°   | 30°     | 32.5°   | 35°     | 37.5°   | 40°    | 42.5°  | 45°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -22.5° | 26684.6 | 27021.9 | 26414.2 | 24059.4 | 20165.0 | 16523.4 | 13789.9 | 11554.4 | 9691.1 | 8215.5 | 7093.7 |
| -25°   | 20509.1 | 21096.9 | 20240.5 | 17996.8 | 15512.1 | 13439.3 | 11729.4 | 10103.6 | 8763.5 | 7744.6 | 6918.2 |
| -27.5° | 16877.4 | 16498.6 | 15213.5 | 13760.0 | 12525.4 | 11353.3 | 10125.8 | 8965.0  | 8023.6 | 7576.0 | 6880.0 |
| -30°   | 13492.4 | 12730.1 | 11856.5 | 11255.6 | 10553.1 | 9735.1  | 8865.3  | 7999.8  | 7361.7 | 7201.4 | 6430.9 |
| -32.5° | 10685.3 | 10282.0 | 9925.4  | 9592.6  | 9138.9  | 8641.4  | 8022.3  | 7269.8  | 6839.8 | 6516.2 | 6004.0 |
| -35°   | 9021.3  | 8900.8  | 8685.3  | 8473.7  | 8408.8  | 8232.3  | 7728.5  | 7021.6  | 6517.1 | 6131.3 | 5678.4 |
| -37.5° | 8144.2  | 8042.3  | 7866.7  | 8026.2  | 8302.5  | 8288.8  | 7689.7  | 6924.8  | 6342.9 | 5899.9 | 5459.7 |
| -40°   | 7546.1  | 7439.2  | 7440.4  | 7853.4  | 8325.0  | 8267.3  | 7598.6  | 6809.3  | 6156.0 | 5691.4 | 5242.0 |
| -42.5° | 7035.2  | 6933.1  | 7072.9  | 7638.2  | 8090.5  | 7940.5  | 7379.5  | 6658.5  | 5998.5 | 5493.0 | 5040.2 |
| -45°   | 6564.5  | 6487.8  | 6757.0  | 7204.4  | 7503.7  | 7482.4  | 7088.0  | 6442.7  | 5790.4 | 5291.3 | 4833.3 |
| -47.5° | 6189.8  | 6192.2  | 6369.7  | 6644.0  | 6855.5  | 6915.8  | 6683.6  | 6155.6  | 5553.2 | 5068.1 | 4628.1 |
| -50°   | 5880.1  | 5850.9  | 5978.8  | 6110.2  | 6250.4  | 6357.5  | 6275.5  | 5832.4  | 5233.3 | 4791.9 | 4346.4 |
| -52.5° | 5349.9  | 5347.9  | 5464.0  | 5537.0  | 5648.9  | 5766.6  | 5791.4  | 5505.1  | 4897.6 | 4417.4 | 4002.1 |
| -55°   | 4850.6  | 4868.4  | 4929.6  | 4945.8  | 5004.3  | 5177.4  | 5466.3  | 5167.3  | 4535.9 | 3993.8 | 3611.7 |
| -57.5° | 4414.7  | 4460.4  | 4422.4  | 4368.1  | 4417.7  | 4528.7  | 4680.4  | 4513.2  | 4024.1 | 3544.0 | 3191.3 |
| -60°   | 3982.5  | 4003.2  | 3883.8  | 3795.2  | 3820.2  | 3863.1  | 3831.9  | 3663.2  | 3343.1 | 3038.7 | 2746.3 |
| -62.5° | 3497.5  | 3490.7  | 3355.2  | 3273.7  | 3282.6  | 3250.9  | 3135.4  | 2960.5  | 2746.4 | 2521.5 | 2315.0 |
| -65°   | 2994.8  | 2953.9  | 2865.2  | 2817.8  | 2807.2  | 2723.4  | 2617.6  | 2460.0  | 2263.5 | 2086.5 | 1922.4 |
| -67.5° | 2520.3  | 2466.5  | 2412.7  | 2378.4  | 2331.8  | 2251.7  | 2156.4  | 2021.9  | 1859.7 | 1714.2 | 1575.0 |
| -70°   | 2174.2  | 2077.8  | 1999.0  | 1943.1  | 1891.5  | 1827.5  | 1762.7  | 1665.6  | 1525.7 | 1396.1 | 1276.7 |
| -72.5° | 1878.4  | 1758.5  | 1655.3  | 1573.5  | 1511.2  | 1458.5  | 1427.6  | 1368.7  | 1243.6 | 1123.0 | 1025.8 |
| -75°   | 1523.5  | 1444.2  | 1338.8  | 1240.9  | 1179.7  | 1141.7  | 1135.5  | 1107.0  | 992.5  | 880.7  | 802.2  |
| -77.5° | 1149.5  | 1118.5  | 1041.2  | 953.1   | 898.4   | 870.8   | 867.9   | 853.2   | 768.5  | 682.7  | 628.6  |
| -80°   | 821.7   | 817.9   | 777.9   | 721.8   | 682.0   | 662.2   | 653.6   | 643.6   | 586.3  | 520.7  | 474.2  |
| -82.5° | 563.6   | 553.6   | 525.7   | 491.1   | 465.0   | 447.1   | 433.0   | 422.8   | 389.5  | 351.2  | 320.8  |
| -85°   | 309.0   | 300.0   | 284.5   | 267.8   | 255.0   | 244.4   | 234.9   | 228.3   | 209.8  | 194.5  | 179.4  |
| -87.5° | 122.8   | 118.1   | 109.6   | 104.0   | 98.6    | 93.1    | 90.7    | 86.6    | 78.4   | 72.1   | 65.9   |
| -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: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**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°  | 40.0    | 39.5   | 38.8   | 37.9   | 36.7   | 36.4   | 33.6   | 32.7   | 29.6   | 26.5   | 23.3   |
| 85°    | 128.9   | 123.2  | 116.5  | 107.2  | 97.8   | 90.4   | 78.4   | 68.9   | 59.2   | 52.9   | 46.5   |
| 82.5°  | 273.2   | 253.8  | 233.5  | 208.0  | 183.1  | 171.0  | 153.6  | 134.8  | 115.3  | 96.5   | 77.4   |
| 80°    | 473.2   | 432.1  | 389.7  | 351.0  | 319.9  | 290.7  | 252.8  | 209.3  | 174.0  | 148.9  | 123.5  |
| 77.5°  | 725.2   | 656.9  | 601.3  | 539.4  | 485.4  | 430.1  | 373.4  | 318.9  | 264.9  | 211.3  | 169.3  |
| 75°    | 1024.9  | 938.8  | 852.1  | 763.0  | 678.7  | 615.2  | 531.9  | 440.0  | 363.0  | 298.3  | 234.1  |
| 72.5°  | 1402.1  | 1267.0 | 1140.3 | 1026.8 | 940.5  | 831.5  | 700.3  | 592.8  | 486.3  | 384.3  | 309.2  |
| 70°    | 1819.6  | 1634.1 | 1464.5 | 1330.8 | 1224.3 | 1072.0 | 909.3  | 753.9  | 620.9  | 498.8  | 383.2  |
| 67.5°  | 2256.4  | 2029.7 | 1844.4 | 1657.1 | 1538.0 | 1357.5 | 1119.4 | 934.4  | 764.8  | 615.3  | 480.6  |
| 65°    | 2693.1  | 2425.4 | 2215.3 | 2002.3 | 1844.0 | 1655.3 | 1353.2 | 1117.3 | 918.0  | 737.2  | 580.0  |
| 62.5°  | 3104.6  | 2797.1 | 2568.4 | 2333.9 | 2150.2 | 1975.1 | 1604.8 | 1309.0 | 1073.9 | 868.0  | 677.2  |
| 60°    | 3464.6  | 3137.7 | 2891.8 | 2633.5 | 2468.4 | 2313.4 | 1922.3 | 1525.6 | 1260.0 | 995.2  | 788.4  |
| 57.5°  | 3803.6  | 3444.6 | 3190.8 | 2912.9 | 2786.2 | 2735.5 | 2280.9 | 1831.4 | 1451.6 | 1161.7 | 895.6  |
| 55°    | 4088.6  | 3730.3 | 3463.3 | 3236.8 | 3086.9 | 3204.5 | 2726.7 | 2143.0 | 1701.1 | 1326.5 | 993.8  |
| 52.5°  | 4316.8  | 3953.7 | 3691.6 | 3507.4 | 3369.0 | 3650.0 | 3141.6 | 2444.4 | 1933.2 | 1477.0 | 1104.9 |
| 50°    | 4520.0  | 4165.1 | 3919.8 | 3732.0 | 3509.7 | 3655.4 | 3348.7 | 2651.7 | 2109.8 | 1602.1 | 1205.7 |
| 47.5°  | 4776.3  | 4418.0 | 4145.5 | 3937.7 | 3672.1 | 3472.4 | 3353.8 | 2699.9 | 2179.7 | 1694.6 | 1293.0 |
| 45°    | 5048.1  | 4681.2 | 4366.0 | 4065.1 | 3740.9 | 3418.1 | 3098.8 | 2672.4 | 2229.8 | 1777.7 | 1366.7 |
| 42.5°  | 5331.3  | 4930.8 | 4569.7 | 4192.8 | 3817.6 | 3421.2 | 2989.6 | 2613.0 | 2256.3 | 1847.0 | 1450.0 |
| 40°    | 5650.2  | 5171.8 | 4745.8 | 4324.2 | 3919.2 | 3494.4 | 3081.6 | 2692.6 | 2293.9 | 1918.2 | 1535.7 |
| 37.5°  | 5919.8  | 5397.9 | 4943.5 | 4486.1 | 4054.1 | 3620.5 | 3198.9 | 2789.0 | 2388.8 | 1991.3 | 1621.4 |
| 35°    | 6101.2  | 5587.4 | 5140.4 | 4642.7 | 4190.7 | 3754.4 | 3350.1 | 2910.1 | 2501.9 | 2111.7 | 1712.1 |
| 32.5°  | 6315.6  | 5756.6 | 5291.6 | 4820.0 | 4343.3 | 3892.2 | 3495.4 | 3075.9 | 2626.8 | 2241.9 | 1808.3 |
| 30°    | 6540.5  | 5922.8 | 5428.6 | 4998.3 | 4495.1 | 4043.5 | 3647.2 | 3243.0 | 2798.3 | 2376.9 | 1906.5 |
| 27.5°  | 6849.1  | 6153.7 | 5604.4 | 5160.5 | 4662.8 | 4189.5 | 3814.8 | 3416.2 | 2975.8 | 2531.9 | 2005.9 |
| 25°    | 7170.4  | 6413.5 | 5824.2 | 5331.9 | 4821.2 | 4367.3 | 3974.9 | 3583.9 | 3157.9 | 2714.1 | 2105.7 |
| 22.5°  | 7542.1  | 6750.3 | 6125.1 | 5535.4 | 5034.1 | 4533.0 | 4175.6 | 3755.4 | 3452.2 | 2938.1 | 2187.1 |
| 20°    | 7941.1  | 7197.7 | 6507.0 | 5860.1 | 5266.9 | 4758.1 | 4379.4 | 4000.0 | 3727.7 | 3124.8 | 2266.0 |
| 17.5°  | 8401.6  | 7670.7 | 6945.6 | 6208.8 | 5539.1 | 5000.0 | 4606.0 | 4220.1 | 3965.8 | 3241.9 | 2332.5 |
| 15°    | 8846.0  | 8131.1 | 7387.2 | 6572.4 | 5824.3 | 5274.0 | 4837.2 | 4419.3 | 4209.9 | 3349.5 | 2381.9 |
| 12.5°  | 9246.7  | 8540.2 | 7818.4 | 6943.7 | 6127.3 | 5524.4 | 5040.2 | 4608.4 | 4499.6 | 3378.9 | 2409.9 |
| 10°    | 9628.0  | 8932.6 | 8256.7 | 7340.0 | 6490.1 | 5784.2 | 5244.8 | 4751.5 | 4618.1 | 3325.4 | 2422.4 |
| 7.5°   | 9940.7  | 9264.2 | 8700.5 | 7765.9 | 6832.3 | 5970.1 | 5343.5 | 4827.9 | 4693.0 | 3240.5 | 2425.3 |
| 5°     | 10124.7 | 9437.3 | 8925.5 | 7935.3 | 6960.7 | 6078.4 | 5408.9 | 4873.6 | 4707.4 | 3257.6 | 2437.5 |
| 2.5°   | 10028.4 | 9380.7 | 8891.1 | 7870.1 | 6865.5 | 6009.6 | 5335.8 | 4809.8 | 4639.0 | 3303.6 | 2440.9 |
| 0°     | 9719.5  | 9128.8 | 8578.6 | 7550.6 | 6595.0 | 5863.2 | 5233.4 | 4741.9 | 4568.5 | 3336.6 | 2435.1 |
| -2.5°  | 9353.3  | 8777.9 | 8149.2 | 7182.8 | 6312.2 | 5656.5 | 5088.6 | 4592.5 | 4360.4 | 3336.9 | 2424.8 |
| -5°    | 8990.0  | 8400.3 | 7693.3 | 6810.3 | 6028.3 | 5439.7 | 4929.3 | 4433.4 | 4146.2 | 3321.3 | 2404.4 |
| -7.5°  | 8608.0  | 7969.9 | 7235.8 | 6443.1 | 5753.9 | 5216.9 | 4742.7 | 4251.3 | 3910.8 | 3255.4 | 2373.5 |
| -10°   | 8208.1  | 7504.1 | 6796.9 | 6107.2 | 5501.8 | 4993.9 | 4547.1 | 4049.9 | 3652.0 | 3076.4 | 2306.7 |
| -12.5° | 7797.2  | 7034.4 | 6394.7 | 5801.9 | 5257.8 | 4766.3 | 4345.4 | 3865.4 | 3387.3 | 2898.5 | 2228.1 |
| -15°   | 7380.1  | 6622.1 | 6045.4 | 5532.9 | 5028.9 | 4557.6 | 4146.4 | 3688.2 | 3204.9 | 2730.0 | 2145.0 |
| -17.5° | 6950.2  | 6290.1 | 5763.7 | 5305.0 | 4817.8 | 4349.4 | 3968.1 | 3510.9 | 3013.4 | 2569.9 | 2053.3 |
| -20°   | 6584.6  | 6030.9 | 5539.4 | 5107.8 | 4621.9 | 4183.7 | 3782.3 | 3343.0 | 2856.1 | 2414.8 | 1956.8 |



REPORT NUMBER: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6371.5 | 5828.9 | 5377.5 | 4927.4 | 4463.3 | 4021.8 | 3626.2 | 3175.3 | 2724.6 | 2291.8 | 1861.4 |
| -25°   | 6300.0 | 5701.3 | 5232.3 | 4773.6 | 4317.6 | 3895.1 | 3464.1 | 3033.6 | 2590.4 | 2192.4 | 1772.7 |
| -27.5° | 6165.2 | 5554.1 | 5074.5 | 4600.8 | 4182.2 | 3756.8 | 3338.3 | 2891.3 | 2494.6 | 2095.5 | 1702.3 |
| -30°   | 5867.8 | 5345.7 | 4905.9 | 4463.7 | 4055.3 | 3653.4 | 3228.9 | 2828.6 | 2430.1 | 2027.0 | 1629.9 |
| -32.5° | 5557.7 | 5136.4 | 4756.7 | 4375.5 | 3987.1 | 3609.9 | 3236.1 | 2846.6 | 2395.4 | 1993.0 | 1556.2 |
| -35°   | 5290.6 | 4922.9 | 4585.7 | 4301.5 | 3939.6 | 3682.6 | 3366.2 | 2922.2 | 2444.8 | 1952.6 | 1490.9 |
| -37.5° | 5067.3 | 4698.1 | 4412.4 | 4163.1 | 3928.0 | 3877.6 | 3574.4 | 3039.3 | 2433.6 | 1897.2 | 1430.7 |
| -40°   | 4840.5 | 4478.3 | 4198.5 | 3954.2 | 3828.1 | 3994.1 | 3674.2 | 2963.7 | 2346.9 | 1796.3 | 1357.4 |
| -42.5° | 4628.1 | 4282.9 | 3975.6 | 3712.2 | 3617.7 | 3771.8 | 3600.8 | 2717.8 | 2152.7 | 1668.5 | 1270.9 |
| -45°   | 4443.3 | 4082.2 | 3770.6 | 3484.8 | 3326.5 | 3467.4 | 3141.7 | 2420.6 | 1933.9 | 1514.4 | 1169.5 |
| -47.5° | 4210.3 | 3851.4 | 3546.8 | 3241.8 | 3027.5 | 3125.9 | 2645.7 | 2135.4 | 1729.7 | 1375.4 | 1059.6 |
| -50°   | 3919.5 | 3577.0 | 3297.8 | 3005.7 | 2820.1 | 2704.6 | 2314.1 | 1867.0 | 1531.1 | 1233.2 | 959.3  |
| -52.5° | 3600.6 | 3275.8 | 3017.4 | 2754.9 | 2568.3 | 2398.5 | 2025.5 | 1664.9 | 1367.0 | 1092.0 | 858.1  |
| -55°   | 3248.2 | 2946.8 | 2705.5 | 2481.8 | 2327.0 | 2124.5 | 1788.7 | 1463.6 | 1214.2 | 976.7  | 758.6  |
| -57.5° | 2867.8 | 2600.6 | 2381.8 | 2185.3 | 2036.3 | 1850.4 | 1563.1 | 1292.0 | 1063.1 | 858.1  | 679.6  |
| -60°   | 2475.5 | 2252.8 | 2057.7 | 1887.3 | 1745.2 | 1583.4 | 1351.8 | 1114.1 | 928.9  | 742.2  | 598.6  |
| -62.5° | 2099.2 | 1926.9 | 1762.6 | 1606.3 | 1467.6 | 1340.0 | 1144.2 | 958.5  | 792.8  | 650.5  | 516.5  |
| -65°   | 1766.1 | 1634.8 | 1498.2 | 1344.7 | 1228.5 | 1110.9 | 962.2  | 809.1  | 682.4  | 557.4  | 449.5  |
| -67.5° | 1465.1 | 1375.1 | 1256.3 | 1128.4 | 1019.2 | 923.9  | 793.1  | 683.4  | 577.9  | 474.7  | 381.7  |
| -70°   | 1197.0 | 1134.1 | 1033.9 | 933.1  | 847.8  | 755.1  | 661.7  | 567.6  | 483.3  | 398.3  | 315.2  |
| -72.5° | 957.0  | 907.6  | 835.6  | 755.4  | 690.1  | 618.9  | 537.0  | 467.1  | 397.5  | 322.6  | 261.3  |
| -75°   | 741.1  | 707.9  | 664.6  | 605.7  | 543.2  | 494.4  | 436.7  | 373.5  | 316.3  | 260.0  | 206.8  |
| -77.5° | 587.8  | 555.4  | 518.4  | 473.5  | 427.9  | 384.2  | 338.6  | 290.1  | 244.4  | 196.3  | 157.7  |
| -80°   | 442.8  | 420.3  | 388.8  | 352.2  | 317.1  | 283.9  | 249.9  | 210.0  | 175.2  | 144.4  | 118.5  |
| -82.5° | 301.2  | 285.2  | 261.6  | 235.3  | 210.7  | 188.7  | 168.1  | 143.3  | 119.8  | 96.9   | 78.8   |
| -85°   | 169.9  | 159.8  | 145.8  | 130.7  | 119.5  | 107.2  | 94.3   | 79.4   | 66.0   | 55.9   | 49.1   |
| -87.5° | 63.0   | 58.5   | 54.0   | 49.6   | 48.9   | 46.6   | 43.0   | 38.4   | 33.1   | 28.0   | 24.6   |
| -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: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**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°  | 20.0   | 16.7   | 13.0  | 9.8   | 6.3   | 3.2   | 0.0 |
| 85°    | 40.0   | 33.4   | 26.1  | 19.6  | 12.7  | 6.3   | 0.0 |
| 82.5°  | 59.9   | 50.0   | 39.0  | 29.3  | 19.0  | 9.5   | 0.0 |
| 80°    | 98.0   | 71.3   | 51.9  | 39.0  | 25.2  | 12.6  | 0.0 |
| 77.5°  | 137.8  | 103.9  | 69.1  | 48.5  | 31.5  | 15.7  | 0.0 |
| 75°    | 177.2  | 136.0  | 93.7  | 58.0  | 37.6  | 18.8  | 0.0 |
| 72.5°  | 234.3  | 167.6  | 117.9 | 73.1  | 43.7  | 21.9  | 0.0 |
| 70°    | 296.4  | 207.3  | 141.4 | 89.4  | 49.7  | 24.9  | 0.0 |
| 67.5°  | 357.2  | 255.2  | 164.2 | 105.3 | 55.6  | 27.8  | 0.0 |
| 65°    | 426.7  | 301.5  | 192.9 | 120.8 | 63.7  | 30.7  | 0.0 |
| 62.5°  | 505.0  | 346.0  | 226.4 | 135.9 | 73.2  | 33.6  | 0.0 |
| 60°    | 580.1  | 395.4  | 258.6 | 150.4 | 82.5  | 36.4  | 0.0 |
| 57.5°  | 651.7  | 450.5  | 289.6 | 165.0 | 91.5  | 39.1  | 0.0 |
| 55°    | 732.0  | 502.6  | 319.0 | 186.7 | 100.1 | 41.7  | 0.0 |
| 52.5°  | 806.6  | 551.7  | 349.2 | 207.5 | 108.4 | 44.3  | 0.0 |
| 50°    | 876.5  | 599.2  | 386.7 | 227.4 | 116.3 | 46.8  | 0.0 |
| 47.5°  | 943.4  | 655.2  | 422.6 | 246.3 | 123.8 | 49.1  | 0.0 |
| 45°    | 1016.6 | 708.3  | 457.1 | 264.1 | 130.9 | 51.4  | 0.0 |
| 42.5°  | 1086.6 | 758.4  | 489.7 | 280.9 | 137.6 | 53.6  | 0.0 |
| 40°    | 1155.2 | 805.4  | 520.4 | 296.8 | 143.9 | 55.7  | 0.0 |
| 37.5°  | 1222.3 | 849.2  | 549.1 | 311.7 | 149.7 | 57.7  | 0.0 |
| 35°    | 1291.0 | 898.6  | 580.9 | 330.4 | 158.0 | 60.3  | 0.0 |
| 32.5°  | 1359.6 | 949.6  | 612.5 | 349.5 | 166.7 | 62.9  | 0.0 |
| 30°    | 1424.9 | 997.3  | 641.6 | 367.2 | 174.7 | 65.4  | 0.0 |
| 27.5°  | 1487.4 | 1041.5 | 669.1 | 383.4 | 182.2 | 67.7  | 0.0 |
| 25°    | 1545.1 | 1082.2 | 694.2 | 398.0 | 188.9 | 69.7  | 0.0 |
| 22.5°  | 1597.7 | 1119.5 | 716.7 | 411.0 | 194.9 | 71.6  | 0.0 |
| 20°    | 1647.4 | 1153.3 | 736.7 | 422.5 | 200.2 | 73.3  | 0.0 |
| 17.5°  | 1694.6 | 1182.9 | 754.0 | 432.0 | 204.7 | 74.7  | 0.0 |
| 15°    | 1733.4 | 1209.8 | 768.6 | 439.8 | 208.5 | 76.0  | 0.0 |
| 12.5°  | 1764.3 | 1233.8 | 779.1 | 445.9 | 211.5 | 77.0  | 0.0 |
| 10°    | 1787.6 | 1249.9 | 786.2 | 450.4 | 213.8 | 77.9  | 0.0 |
| 7.5°   | 1799.4 | 1258.4 | 790.4 | 453.2 | 215.4 | 78.5  | 0.0 |
| 5°     | 1803.1 | 1261.8 | 791.8 | 454.3 | 216.2 | 78.9  | 0.0 |
| 2.5°   | 1800.1 | 1260.0 | 790.5 | 453.9 | 216.3 | 79.1  | 0.0 |
| 0°     | 1790.3 | 1253.3 | 786.4 | 451.9 | 215.7 | 79.2  | 0.0 |
| -2.5°  | 1774.2 | 1240.6 | 779.6 | 449.2 | 214.9 | 79.0  | 0.0 |
| -5°    | 1751.4 | 1223.0 | 770.2 | 445.0 | 213.4 | 78.6  | 0.0 |
| -7.5°  | 1721.7 | 1200.7 | 758.3 | 439.2 | 211.2 | 78.0  | 0.0 |
| -10°   | 1684.6 | 1173.8 | 743.9 | 432.1 | 208.3 | 77.2  | 0.0 |
| -12.5° | 1639.5 | 1143.5 | 727.3 | 423.4 | 204.8 | 76.3  | 0.0 |
| -15°   | 1588.8 | 1110.4 | 709.0 | 413.4 | 200.6 | 75.1  | 0.0 |
| -17.5° | 1532.9 | 1075.5 | 690.0 | 402.0 | 195.8 | 73.8  | 0.0 |
| -20°   | 1472.9 | 1038.9 | 668.7 | 389.5 | 190.4 | 72.2  | 0.0 |



REPORT NUMBER: P902135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-S8

**CANDELA DISTRIBUTION (continued):**

|        | 75°    | 77.5° | 80°   | 82.5° | 85°   | 87.5° | 90° |
|--------|--------|-------|-------|-------|-------|-------|-----|
| -22.5° | 1415.1 | 999.1 | 645.2 | 376.4 | 184.5 | 70.5  | 0.0 |
| -25°   | 1356.2 | 958.3 | 619.5 | 362.0 | 177.9 | 68.6  | 0.0 |
| -27.5° | 1294.3 | 915.1 | 591.6 | 346.6 | 170.8 | 66.5  | 0.0 |
| -30°   | 1232.1 | 869.1 | 562.0 | 330.1 | 163.2 | 64.2  | 0.0 |
| -32.5° | 1174.8 | 820.3 | 533.1 | 312.6 | 155.4 | 61.8  | 0.0 |
| -35°   | 1113.9 | 768.9 | 502.6 | 294.1 | 147.0 | 59.2  | 0.0 |
| -37.5° | 1051.6 | 721.5 | 473.0 | 276.4 | 139.1 | 56.6  | 0.0 |
| -40°   | 989.5  | 683.2 | 447.5 | 262.2 | 133.5 | 54.6  | 0.0 |
| -42.5° | 923.3  | 642.2 | 420.5 | 247.6 | 127.6 | 52.5  | 0.0 |
| -45°   | 852.1  | 598.6 | 392.2 | 232.9 | 121.4 | 50.3  | 0.0 |
| -47.5° | 775.9  | 552.7 | 362.7 | 217.4 | 114.9 | 48.0  | 0.0 |
| -50°   | 713.4  | 504.5 | 332.3 | 201.2 | 108.1 | 45.6  | 0.0 |
| -52.5° | 651.8  | 464.4 | 300.7 | 184.3 | 101.1 | 43.2  | 0.0 |
| -55°   | 588.3  | 421.6 | 275.2 | 166.6 | 93.8  | 40.7  | 0.0 |
| -57.5° | 521.4  | 377.2 | 250.4 | 148.4 | 86.3  | 38.1  | 0.0 |
| -60°   | 464.0  | 331.2 | 224.5 | 136.1 | 78.6  | 35.4  | 0.0 |
| -62.5° | 405.7  | 290.7 | 197.6 | 123.9 | 70.6  | 32.7  | 0.0 |
| -65°   | 346.7  | 254.5 | 169.7 | 111.3 | 62.5  | 29.9  | 0.0 |
| -67.5° | 294.5  | 217.3 | 146.0 | 98.2  | 55.4  | 27.0  | 0.0 |
| -70°   | 248.4  | 179.2 | 127.3 | 84.8  | 49.5  | 24.2  | 0.0 |
| -72.5° | 201.6  | 147.5 | 108.2 | 71.1  | 43.6  | 21.2  | 0.0 |
| -75°   | 158.2  | 122.0 | 88.8  | 58.0  | 37.5  | 18.3  | 0.0 |
| -77.5° | 126.0  | 96.0  | 69.0  | 48.5  | 31.4  | 15.3  | 0.0 |
| -80°   | 93.3   | 69.6  | 53.4  | 39.0  | 25.2  | 12.2  | 0.0 |
| -82.5° | 61.6   | 50.1  | 40.2  | 29.3  | 19.0  | 9.2   | 0.0 |
| -85°   | 41.1   | 33.5  | 26.8  | 19.6  | 12.7  | 6.1   | 0.0 |
| -87.5° | 20.6   | 16.7  | 13.4  | 9.8   | 6.3   | 3.1   | 0.0 |
| -90°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 |

(END OF REPORT)