

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: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-AV-03-1360S-57-85-A55-NB-LT**

Issue Date: 11/13/2024

Test Information

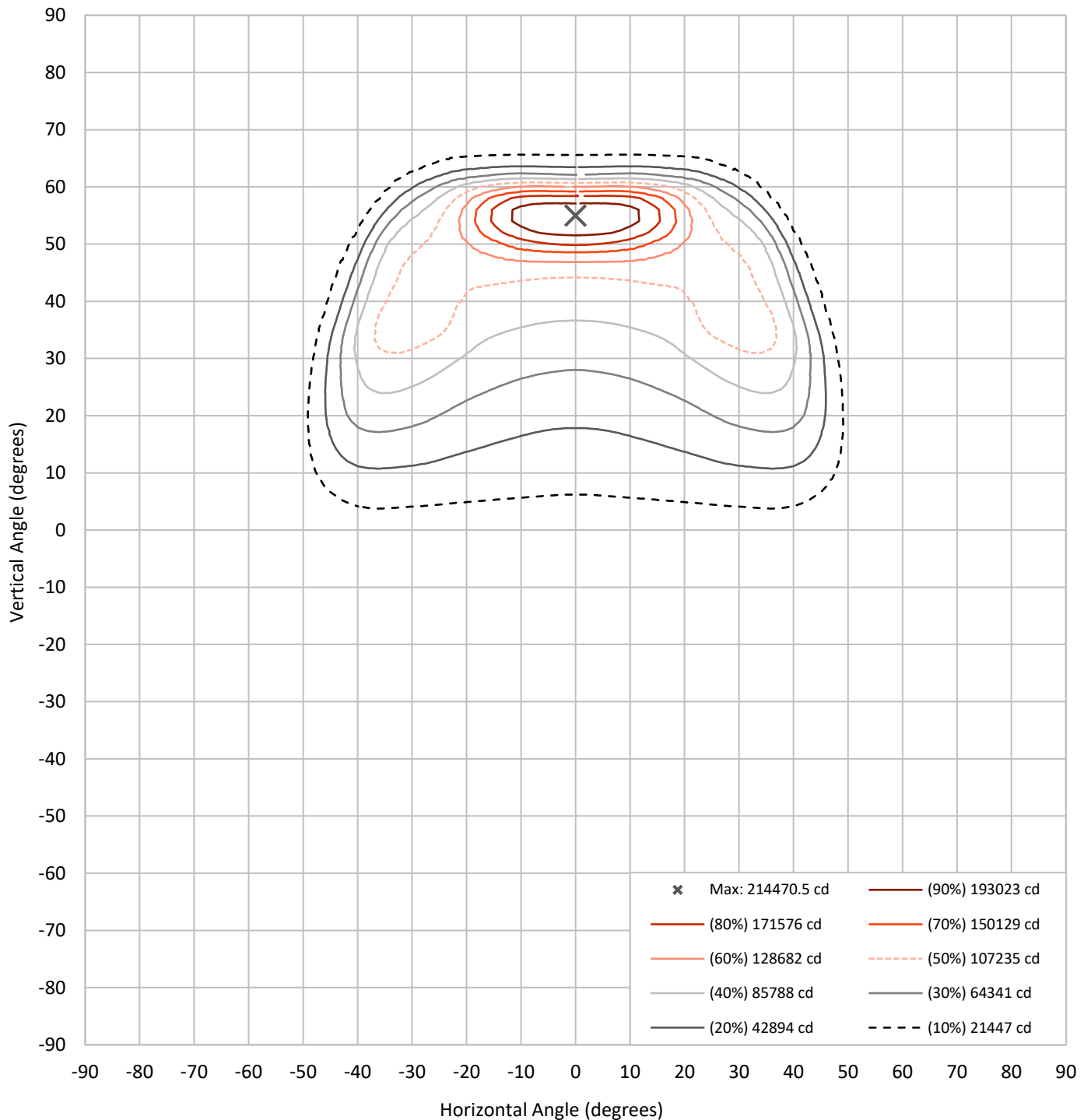
Test Method: LM-79-08
Report Number: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (LVM20484U1)
Test Lab: INNOVATION CENTER
Issue Date: 11/13/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-AV-03-1360S-57-85-A55-NB-LT
Description: ARENAVISION LUMINAIRE
5700K, 85 CRI LEDS AND A55-NB-LT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 5H x 4V |
| Luminaire Lumens: | 135973.6 lumens | Max Intensity: | 214470.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 55°V |
| Efficacy: | 96.2 lumens/watt | | |
| Luminous Opening: | Rectangular (W 2m x L: 2m x H: 0m) | | |
| Beam Angle (50%): | 49.3°H x 16.4°V | Field Angle (10%): | 76.7°H x 59°V |
| Beam Lumens: | 47177 lumens | Field Lumens: | 115682.7 lumens |
| Beam Efficiency: | 34.7% | Field Efficiency: | 85.1% |
| 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 | | |

REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

Iso-Candela Plot





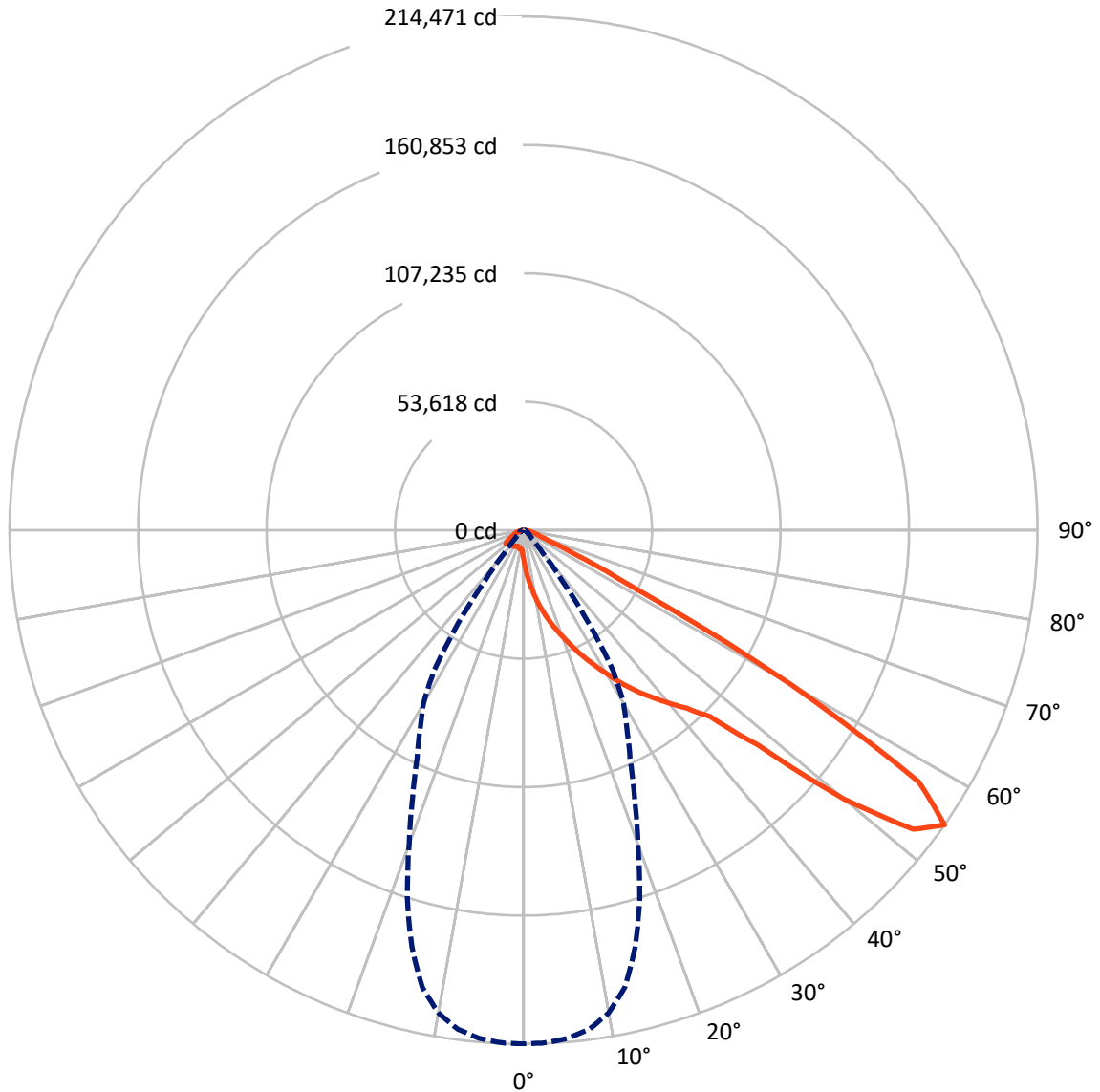
REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|------|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|----|----|----|------|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 2.0 | 21.1 | 76.7 | 209.4 | 302.3 | 209.4 | 76.7 | 21.1 | 2.0 | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 9.9 | 13.1 | 30.7 | 63.5 | 221.9 | 675.9 | 1080.9 | 1179.4 | 1179.4 | 1080.9 | 675.9 | 221.9 | 63.5 | 30.7 | 13.1 | | | | 9.9 |
| 50 | | 19.0 | 43.8 | 152.2 | 1206.6 | 2803.0 | 4684.5 | 5741.0 | 5741.0 | 4684.5 | 2803.0 | 1206.6 | 152.2 | 43.8 | 19.0 | | | | |
| 40 | 17.7 | 24.7 | 59.9 | 444.1 | 2282.5 | 3109.0 | 3428.6 | 3614.3 | 3614.3 | 3428.6 | 3109.0 | 2282.5 | 444.1 | 59.9 | 24.7 | | | | 17.7 |
| 30 | | 29.7 | 81.5 | 896.6 | 2680.0 | 2934.7 | 2610.6 | 2507.6 | 2507.6 | 2610.6 | 2934.7 | 2680.0 | 896.6 | 81.5 | 29.7 | | | | |
| 20 | 21.5 | 32.4 | 105.9 | 1062.3 | 2164.2 | 2155.1 | 1917.3 | 1784.9 | 1784.9 | 1917.3 | 2155.1 | 2164.2 | 1062.3 | 105.9 | 32.4 | | | | 21.5 |
| 10 | | 33.7 | 114.6 | 835.5 | 1403.6 | 1387.2 | 1255.9 | 1164.9 | 1164.9 | 1255.9 | 1387.2 | 1403.6 | 835.5 | 114.6 | 33.7 | | | | |
| 0 | 22.2 | 34.3 | 90.5 | 386.4 | 625.0 | 641.7 | 622.7 | 603.2 | 603.2 | 622.7 | 641.7 | 625.0 | 386.4 | 90.5 | 34.3 | | | | 22.2 |
| -10 | | 33.8 | 69.5 | 141.4 | 215.1 | 227.6 | 250.4 | 264.9 | 264.9 | 250.4 | 227.6 | 215.1 | 141.4 | 69.5 | 33.8 | | | | |
| -20 | 19.5 | 32.3 | 62.3 | 102.7 | 150.8 | 181.2 | 219.2 | 228.3 | 228.3 | 219.2 | 181.2 | 150.8 | 102.7 | 62.3 | 32.3 | | | | 19.5 |
| -30 | | 29.4 | 58.1 | 92.1 | 134.2 | 167.9 | 216.7 | 227.0 | 227.0 | 216.7 | 167.9 | 134.2 | 92.1 | 58.1 | 29.4 | | | | |
| -40 | 13.8 | 25.6 | 53.0 | 87.5 | 131.4 | 176.0 | 232.1 | 240.5 | 240.5 | 232.1 | 176.0 | 131.4 | 87.5 | 53.0 | 25.6 | | | | 13.8 |
| -50 | | 20.2 | 44.4 | 76.7 | 129.0 | 179.1 | 221.9 | 239.7 | 239.7 | 221.9 | 179.1 | 129.0 | 76.7 | 44.4 | 20.2 | | | | |
| -60 | 6.7 | 13.9 | 31.1 | 55.6 | 94.9 | 144.0 | 185.5 | 238.0 | 238.0 | 185.5 | 144.0 | 94.9 | 55.6 | 31.1 | 13.9 | | | | 6.7 |
| -70 | | 7.7 | 17.2 | 32.0 | 53.2 | 78.9 | 100.4 | 127.1 | 127.1 | 100.4 | 78.9 | 53.2 | 32.0 | 17.2 | 7.7 | | | | |
| -80 | 1.5 | 14.4 | 47.5 | 97.1 | 144.2 | 97.1 | 47.5 | 14.4 | 1.5 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

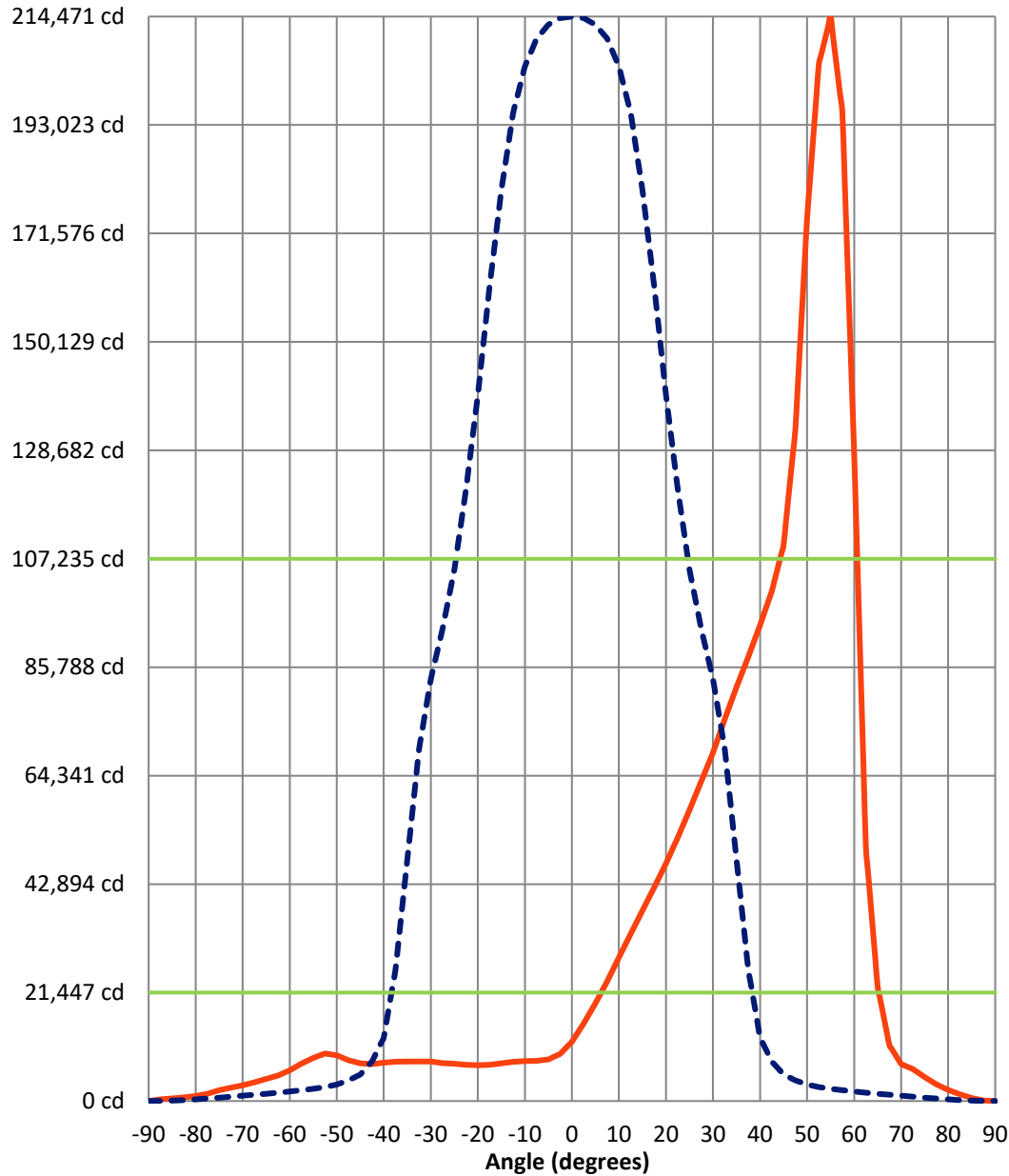
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 55-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 49.3°
 V Angle: 16.4°
 Lumens: 47177
 Efficiency: 34.7%

Field:
 H Angle: 76.7°
 V Angle: 59°
 Lumens: 115682.7
 Efficiency: 85.1%

Spill:
 Lumens: 20290.9
 Efficiency: 14.9%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 55-Deg



REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

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 | 2.3 | 5.9 | 8.9 | 11.8 | 14.8 | 17.7 | 20.5 | 23.3 | 24.4 | 19.3 |
| 85° | 0.0 | 4.6 | 11.9 | 17.8 | 23.7 | 29.5 | 35.3 | 41.0 | 46.6 | 48.8 | 43.4 |
| 82.5° | 0.0 | 6.9 | 17.7 | 26.7 | 35.5 | 44.2 | 52.9 | 68.4 | 84.3 | 97.8 | 105.9 |
| 80° | 0.0 | 9.1 | 23.5 | 35.5 | 47.2 | 63.9 | 89.6 | 109.8 | 129.4 | 149.0 | 176.1 |
| 77.5° | 0.0 | 11.4 | 29.2 | 44.2 | 63.8 | 96.2 | 128.1 | 151.4 | 187.4 | 238.1 | 280.1 |
| 75° | 0.0 | 13.7 | 34.7 | 52.9 | 88.8 | 128.1 | 166.3 | 217.3 | 276.7 | 336.4 | 398.4 |
| 72.5° | 0.0 | 16.0 | 40.1 | 67.1 | 113.2 | 159.7 | 223.8 | 295.9 | 365.7 | 456.7 | 551.6 |
| 70° | 0.0 | 18.2 | 45.3 | 82.4 | 136.8 | 201.1 | 287.1 | 372.9 | 473.5 | 587.0 | 706.1 |
| 67.5° | 0.0 | 20.5 | 50.3 | 97.1 | 159.4 | 253.0 | 349.3 | 455.7 | 579.6 | 715.2 | 865.4 |
| 65° | 0.0 | 22.8 | 56.9 | 111.3 | 190.8 | 304.1 | 411.8 | 536.4 | 682.1 | 837.6 | 1007.6 |
| 62.5° | 0.0 | 25.0 | 64.5 | 124.8 | 230.0 | 354.3 | 473.8 | 613.6 | 783.7 | 949.4 | 1120.0 |
| 60° | 0.0 | 27.2 | 71.9 | 137.7 | 268.3 | 404.5 | 533.1 | 700.1 | 882.9 | 1048.5 | 1227.5 |
| 57.5° | 0.0 | 29.5 | 79.1 | 150.7 | 305.7 | 455.0 | 589.4 | 784.3 | 975.6 | 1149.1 | 1330.1 |
| 55° | 0.0 | 31.7 | 85.9 | 174.7 | 342.0 | 504.9 | 657.0 | 864.2 | 1063.8 | 1253.9 | 1433.5 |
| 52.5° | 0.0 | 33.9 | 92.5 | 196.8 | 377.4 | 553.7 | 722.2 | 936.5 | 1148.2 | 1359.9 | 1541.6 |
| 50° | 0.0 | 36.0 | 98.7 | 217.2 | 412.5 | 597.8 | 781.5 | 1005.9 | 1233.9 | 1465.4 | 1650.6 |
| 47.5° | 0.0 | 38.2 | 104.6 | 235.6 | 444.0 | 635.9 | 835.4 | 1072.9 | 1315.8 | 1561.8 | 1769.5 |
| 45° | 0.0 | 40.3 | 110.2 | 252.1 | 469.1 | 670.1 | 891.0 | 1141.0 | 1396.9 | 1660.9 | 1883.9 |
| 42.5° | 0.0 | 42.4 | 115.5 | 266.6 | 491.7 | 700.2 | 944.3 | 1207.8 | 1483.8 | 1762.5 | 1990.6 |
| 40° | 0.0 | 44.5 | 120.3 | 280.3 | 511.8 | 726.2 | 990.1 | 1268.0 | 1563.8 | 1861.4 | 2100.4 |
| 37.5° | 0.0 | 46.5 | 124.9 | 293.1 | 529.2 | 748.0 | 1024.2 | 1321.4 | 1636.5 | 1946.9 | 2207.2 |
| 35° | 0.0 | 49.1 | 132.0 | 306.6 | 541.7 | 769.5 | 1053.7 | 1366.3 | 1684.8 | 2024.5 | 2303.2 |
| 32.5° | 0.0 | 51.7 | 139.4 | 319.5 | 551.5 | 790.0 | 1080.6 | 1399.3 | 1723.6 | 2086.7 | 2351.0 |
| 30° | 0.0 | 54.2 | 146.0 | 330.8 | 559.9 | 808.2 | 1104.4 | 1427.4 | 1750.4 | 2105.8 | 2386.4 |
| 27.5° | 0.0 | 56.5 | 152.8 | 340.6 | 570.5 | 824.0 | 1128.9 | 1453.4 | 1778.4 | 2118.7 | 2408.5 |
| 25° | 0.0 | 58.6 | 158.8 | 348.8 | 580.2 | 837.4 | 1150.6 | 1476.9 | 1809.2 | 2126.2 | 2438.8 |
| 22.5° | 0.0 | 60.6 | 164.1 | 355.5 | 588.3 | 849.9 | 1168.2 | 1500.7 | 1835.4 | 2154.9 | 2466.0 |
| 20° | 0.0 | 62.4 | 168.6 | 360.6 | 595.0 | 863.8 | 1182.2 | 1520.9 | 1857.5 | 2178.9 | 2497.5 |
| 17.5° | 0.0 | 64.0 | 172.4 | 365.4 | 600.1 | 875.1 | 1197.5 | 1536.1 | 1873.3 | 2199.2 | 2521.9 |
| 15° | 0.0 | 65.4 | 175.5 | 369.0 | 603.5 | 884.8 | 1211.5 | 1549.3 | 1883.0 | 2218.6 | 2546.2 |
| 12.5° | 0.0 | 66.7 | 177.9 | 371.1 | 607.4 | 892.7 | 1221.4 | 1561.7 | 1894.3 | 2236.2 | 2568.4 |
| 10° | 0.0 | 67.8 | 179.6 | 371.8 | 610.5 | 899.5 | 1227.5 | 1570.0 | 1906.5 | 2262.8 | 2583.9 |
| 7.5° | 0.0 | 68.7 | 180.6 | 371.0 | 611.9 | 905.0 | 1231.5 | 1573.8 | 1913.7 | 2283.9 | 2598.8 |
| 5° | 0.0 | 69.4 | 181.0 | 368.8 | 611.6 | 907.3 | 1232.0 | 1572.5 | 1922.4 | 2302.5 | 2608.6 |
| 2.5° | 0.0 | 70.0 | 180.7 | 365.4 | 609.5 | 906.5 | 1228.3 | 1566.6 | 1928.6 | 2320.8 | 2620.2 |
| 0° | 0.0 | 70.5 | 179.8 | 360.8 | 605.5 | 902.6 | 1220.6 | 1555.9 | 1929.5 | 2333.5 | 2625.3 |
| -2.5° | 0.0 | 70.4 | 179.5 | 359.8 | 604.3 | 900.1 | 1216.7 | 1553.3 | 1928.5 | 2335.8 | 2622.7 |
| -5° | 0.0 | 70.2 | 178.5 | 357.7 | 601.1 | 894.6 | 1209.0 | 1545.9 | 1921.2 | 2332.7 | 2615.3 |
| -7.5° | 0.0 | 69.8 | 177.0 | 354.4 | 596.0 | 886.2 | 1197.3 | 1533.7 | 1906.7 | 2320.9 | 2602.7 |
| -10° | 0.0 | 69.3 | 174.9 | 350.1 | 588.8 | 875.1 | 1181.3 | 1512.0 | 1882.5 | 2300.8 | 2585.9 |
| -12.5° | 0.0 | 68.6 | 172.2 | 344.7 | 579.7 | 860.3 | 1160.9 | 1484.4 | 1851.6 | 2269.7 | 2563.6 |
| -15° | 0.0 | 67.8 | 169.0 | 338.2 | 568.4 | 841.3 | 1137.6 | 1451.9 | 1810.4 | 2212.2 | 2536.5 |
| -17.5° | 0.0 | 66.8 | 165.2 | 330.6 | 555.1 | 820.1 | 1111.5 | 1411.7 | 1758.7 | 2148.1 | 2487.9 |
| -20° | 0.0 | 65.7 | 160.9 | 322.0 | 539.7 | 797.2 | 1079.2 | 1364.4 | 1701.0 | 2079.7 | 2419.5 |



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CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| -22.5° | 0.0 | 64.4 | 156.0 | 312.3 | 522.5 | 772.3 | 1038.4 | 1312.1 | 1646.2 | 2010.0 | 2345.4 |
| -25° | 0.0 | 63.0 | 150.6 | 301.7 | 503.3 | 745.1 | 996.3 | 1260.3 | 1596.3 | 1939.1 | 2277.9 |
| -27.5° | 0.0 | 61.5 | 144.6 | 290.1 | 482.3 | 716.4 | 953.1 | 1220.0 | 1544.4 | 1873.4 | 2207.3 |
| -30° | 0.0 | 59.8 | 138.2 | 277.6 | 459.6 | 686.3 | 911.0 | 1175.3 | 1487.1 | 1807.1 | 2129.4 |
| -32.5° | 0.0 | 58.0 | 131.3 | 264.3 | 436.8 | 655.2 | 873.2 | 1126.1 | 1427.1 | 1737.2 | 2049.6 |
| -35° | 0.0 | 56.1 | 123.8 | 250.1 | 412.6 | 623.2 | 832.1 | 1075.2 | 1364.7 | 1660.6 | 1966.3 |
| -37.5° | 0.0 | 54.1 | 117.0 | 236.1 | 389.2 | 590.2 | 789.8 | 1026.8 | 1302.8 | 1577.7 | 1867.0 |
| -40° | 0.0 | 52.3 | 112.6 | 223.5 | 369.0 | 555.7 | 748.0 | 977.1 | 1231.8 | 1492.5 | 1760.4 |
| -42.5° | 0.0 | 50.3 | 108.1 | 210.4 | 347.3 | 519.3 | 705.8 | 922.6 | 1155.3 | 1401.6 | 1648.5 |
| -45° | 0.0 | 48.3 | 103.3 | 196.8 | 324.3 | 481.3 | 662.7 | 863.0 | 1073.5 | 1306.7 | 1540.1 |
| -47.5° | 0.0 | 46.1 | 98.3 | 182.5 | 299.9 | 441.5 | 616.9 | 801.4 | 998.8 | 1208.6 | 1429.5 |
| -50° | 0.0 | 43.9 | 93.1 | 167.6 | 274.8 | 400.3 | 569.7 | 740.2 | 917.7 | 1106.9 | 1315.3 |
| -52.5° | 0.0 | 41.5 | 87.7 | 152.1 | 249.3 | 369.2 | 520.4 | 674.7 | 830.4 | 1003.5 | 1195.8 |
| -55° | 0.0 | 39.1 | 82.1 | 136.0 | 227.4 | 337.5 | 469.0 | 605.3 | 745.5 | 894.2 | 1070.0 |
| -57.5° | 0.0 | 36.7 | 76.3 | 119.4 | 205.3 | 303.3 | 412.2 | 534.5 | 659.0 | 780.7 | 940.3 |
| -60° | 0.0 | 34.1 | 70.4 | 109.9 | 182.2 | 266.7 | 362.1 | 460.1 | 571.6 | 677.4 | 810.8 |
| -62.5° | 0.0 | 31.5 | 64.3 | 100.8 | 158.1 | 231.7 | 312.5 | 384.5 | 485.0 | 572.9 | 694.9 |
| -65° | 0.0 | 28.8 | 58.1 | 91.5 | 133.0 | 199.2 | 263.4 | 331.4 | 400.4 | 486.4 | 579.6 |
| -67.5° | 0.0 | 26.1 | 52.2 | 82.0 | 113.3 | 166.8 | 221.0 | 278.6 | 333.7 | 403.4 | 481.8 |
| -70° | 0.0 | 23.3 | 46.6 | 72.3 | 100.3 | 134.2 | 183.9 | 227.6 | 277.4 | 333.0 | 391.8 |
| -72.5° | 0.0 | 20.5 | 41.0 | 62.5 | 86.9 | 110.0 | 146.3 | 188.0 | 222.9 | 274.8 | 321.3 |
| -75° | 0.0 | 17.7 | 35.3 | 52.9 | 73.4 | 93.3 | 113.1 | 149.1 | 186.9 | 223.0 | 258.6 |
| -77.5° | 0.0 | 14.8 | 29.5 | 44.2 | 59.6 | 76.4 | 93.1 | 115.5 | 151.7 | 181.4 | 206.2 |
| -80° | 0.0 | 11.8 | 23.7 | 35.5 | 47.2 | 59.5 | 72.9 | 89.8 | 116.2 | 140.0 | 157.5 |
| -82.5° | 0.0 | 8.9 | 17.8 | 26.7 | 35.5 | 44.2 | 52.9 | 63.5 | 79.4 | 104.3 | 116.3 |
| -85° | 0.0 | 5.9 | 11.9 | 17.8 | 23.7 | 29.5 | 35.3 | 41.0 | 46.6 | 69.0 | 77.0 |
| -87.5° | 0.0 | 3.0 | 5.9 | 8.9 | 11.8 | 14.8 | 17.7 | 20.5 | 23.3 | 34.7 | 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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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° | 21.0 | 22.7 | 24.4 | 26.1 | 27.7 | 29.2 | 30.7 | 32.2 | 46.8 | 52.2 | 54.1 |
| 85° | 52.5 | 61.8 | 71.1 | 79.7 | 82.8 | 88.0 | 94.9 | 101.6 | 111.5 | 118.2 | 121.1 |
| 82.5° | 113.5 | 125.4 | 139.9 | 161.3 | 174.1 | 193.4 | 215.0 | 236.2 | 257.1 | 276.4 | 281.6 |
| 80° | 200.3 | 229.1 | 260.4 | 282.4 | 307.1 | 345.2 | 382.8 | 423.3 | 465.5 | 502.2 | 532.7 |
| 77.5° | 310.4 | 354.3 | 413.7 | 457.7 | 489.6 | 529.0 | 604.3 | 677.5 | 742.2 | 807.6 | 889.8 |
| 75° | 471.1 | 533.1 | 597.5 | 695.2 | 780.2 | 849.8 | 920.4 | 1017.2 | 1112.5 | 1219.1 | 1367.1 |
| 72.5° | 645.3 | 757.1 | 888.6 | 1008.6 | 1116.4 | 1222.6 | 1322.7 | 1429.2 | 1576.3 | 1762.7 | 2001.0 |
| 70° | 849.3 | 1009.6 | 1161.3 | 1307.4 | 1454.4 | 1583.9 | 1726.0 | 1894.5 | 2085.0 | 2361.8 | 2762.9 |
| 67.5° | 1037.8 | 1213.7 | 1406.6 | 1568.5 | 1726.4 | 1899.5 | 2085.0 | 2291.6 | 2591.2 | 3052.9 | 3738.4 |
| 65° | 1186.3 | 1391.1 | 1597.4 | 1790.3 | 1948.1 | 2160.1 | 2411.3 | 2723.4 | 3181.9 | 3980.6 | 5068.2 |
| 62.5° | 1316.2 | 1521.9 | 1745.7 | 1928.8 | 2132.5 | 2386.5 | 2720.1 | 3237.5 | 3999.4 | 5338.7 | 7483.2 |
| 60° | 1422.4 | 1643.1 | 1859.1 | 2073.4 | 2312.0 | 2637.2 | 3086.0 | 3813.6 | 4958.9 | 6972.2 | 10223.7 |
| 57.5° | 1531.7 | 1763.2 | 1997.4 | 2226.8 | 2532.0 | 2918.3 | 3555.6 | 4455.4 | 6040.0 | 8940.4 | 15280.9 |
| 55° | 1650.2 | 1890.8 | 2145.5 | 2420.5 | 2763.8 | 3266.9 | 4093.2 | 5252.6 | 7829.9 | 12565.9 | 26056.6 |
| 52.5° | 1769.0 | 2021.4 | 2296.0 | 2607.1 | 2996.4 | 3675.0 | 4706.5 | 6534.3 | 10928.4 | 20520.2 | 40790.1 |
| 50° | 1892.3 | 2156.2 | 2445.9 | 2797.0 | 3276.0 | 4091.8 | 5441.6 | 8474.5 | 15145.5 | 30540.4 | 56315.1 |
| 47.5° | 2010.4 | 2284.8 | 2609.0 | 3004.7 | 3547.7 | 4527.6 | 6501.9 | 11053.2 | 21018.4 | 42228.5 | 70379.4 |
| 45° | 2123.9 | 2416.3 | 2765.3 | 3192.2 | 3830.7 | 5024.3 | 7645.0 | 13577.4 | 28238.1 | 52635.0 | 80554.1 |
| 42.5° | 2238.9 | 2538.6 | 2921.5 | 3400.6 | 4125.9 | 5538.2 | 8904.7 | 18089.4 | 36663.4 | 62951.1 | 87310.0 |
| 40° | 2346.1 | 2660.8 | 3077.5 | 3601.5 | 4446.9 | 6285.1 | 11144.0 | 23107.6 | 44893.7 | 72036.3 | 93892.9 |
| 37.5° | 2440.3 | 2789.6 | 3252.7 | 3856.8 | 4844.6 | 7231.6 | 13629.1 | 28601.0 | 54761.2 | 80973.3 | 100896.2 |
| 35° | 2540.3 | 2915.4 | 3418.7 | 4063.8 | 5163.8 | 8102.1 | 16968.7 | 37166.9 | 63802.2 | 88163.9 | 105858.4 |
| 32.5° | 2635.0 | 3045.8 | 3583.3 | 4254.4 | 5625.0 | 9877.7 | 21756.5 | 43920.0 | 69789.1 | 91334.5 | 105814.6 |
| 30° | 2698.3 | 3141.0 | 3712.3 | 4341.3 | 5822.2 | 10817.1 | 25184.5 | 48179.4 | 70678.2 | 88144.1 | 99006.3 |
| 27.5° | 2745.5 | 3223.7 | 3807.0 | 4482.3 | 6338.0 | 12778.2 | 28018.7 | 49372.7 | 69469.9 | 84498.3 | 93220.8 |
| 25° | 2795.8 | 3300.3 | 3877.9 | 4601.5 | 6634.7 | 13747.4 | 30183.2 | 50636.4 | 68622.7 | 81426.0 | 87833.4 |
| 22.5° | 2841.5 | 3355.6 | 3925.0 | 4678.2 | 6996.2 | 14931.4 | 31356.3 | 50065.3 | 65657.4 | 76009.1 | 80807.7 |
| 20° | 2871.8 | 3380.9 | 3982.9 | 4901.6 | 7474.8 | 16037.5 | 31685.5 | 48547.4 | 62236.3 | 70399.6 | 73609.8 |
| 17.5° | 2897.1 | 3389.9 | 4028.4 | 4971.5 | 7507.3 | 15958.9 | 30970.9 | 45390.9 | 56471.4 | 62984.3 | 65582.4 |
| 15° | 2910.2 | 3388.2 | 4037.7 | 4965.2 | 7272.4 | 15488.8 | 28650.6 | 40939.3 | 50087.0 | 55402.1 | 57511.7 |
| 12.5° | 2925.0 | 3379.7 | 4010.1 | 4938.4 | 7330.4 | 14477.1 | 25513.9 | 35793.2 | 43293.6 | 47338.9 | 48919.1 |
| 10° | 2933.5 | 3389.2 | 3980.6 | 4879.2 | 6920.6 | 12938.0 | 21780.5 | 29847.5 | 35591.1 | 39049.5 | 40385.4 |
| 7.5° | 2945.8 | 3385.9 | 3930.4 | 4698.7 | 6367.8 | 10985.8 | 17705.7 | 23515.8 | 28069.9 | 30941.9 | 32056.6 |
| 5° | 2949.7 | 3371.1 | 3825.7 | 4501.7 | 5759.9 | 8942.3 | 13548.4 | 17584.7 | 21123.8 | 23555.3 | 24503.2 |
| 2.5° | 2941.8 | 3351.2 | 3729.3 | 4301.2 | 5201.8 | 7153.9 | 10006.8 | 12663.3 | 15302.3 | 17375.4 | 18213.9 |
| 0° | 2924.7 | 3323.1 | 3638.6 | 4115.9 | 4726.7 | 5851.3 | 7481.4 | 9109.6 | 10953.1 | 12705.7 | 13397.9 |
| -2.5° | 2906.1 | 3252.3 | 3606.8 | 3992.6 | 4480.2 | 5220.2 | 6141.2 | 7111.9 | 8447.8 | 9755.4 | 10364.8 |
| -5° | 2881.7 | 3181.8 | 3561.8 | 3876.6 | 4290.7 | 4797.7 | 5378.8 | 6014.2 | 6919.1 | 7794.8 | 8251.0 |
| -7.5° | 2854.0 | 3124.7 | 3502.2 | 3773.6 | 4135.9 | 4525.4 | 4956.1 | 5425.7 | 6032.7 | 6555.3 | 6874.6 |
| -10° | 2824.4 | 3084.0 | 3410.1 | 3710.7 | 4002.5 | 4336.2 | 4694.8 | 5101.5 | 5539.1 | 5911.8 | 6183.3 |
| -12.5° | 2800.0 | 3057.8 | 3319.6 | 3644.9 | 3910.0 | 4185.7 | 4527.3 | 4918.0 | 5273.3 | 5612.2 | 5930.1 |
| -15° | 2767.6 | 3027.6 | 3267.4 | 3558.5 | 3821.6 | 4084.7 | 4393.1 | 4764.0 | 5097.2 | 5460.6 | 5852.7 |
| -17.5° | 2736.3 | 2992.3 | 3222.9 | 3469.1 | 3723.4 | 3956.7 | 4253.9 | 4570.7 | 4900.1 | 5272.6 | 5706.1 |
| -20° | 2695.8 | 2948.2 | 3179.0 | 3408.0 | 3645.8 | 3871.1 | 4122.4 | 4414.2 | 4745.7 | 5092.4 | 5451.0 |



REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2632.7 | 2889.7 | 3135.1 | 3358.4 | 3612.5 | 3830.0 | 4057.9 | 4306.6 | 4609.2 | 4971.3 | 5260.2 |
| -25° | 2564.9 | 2829.3 | 3078.1 | 3332.0 | 3575.8 | 3788.6 | 4007.6 | 4204.3 | 4503.6 | 4841.9 | 5071.6 |
| -27.5° | 2504.7 | 2766.4 | 3015.9 | 3268.2 | 3516.8 | 3731.1 | 3950.2 | 4151.8 | 4417.9 | 4716.5 | 4958.8 |
| -30° | 2431.8 | 2698.8 | 2946.5 | 3177.2 | 3445.2 | 3675.2 | 3902.7 | 4099.7 | 4359.4 | 4653.0 | 4908.8 |
| -32.5° | 2352.1 | 2626.2 | 2865.4 | 3107.6 | 3352.8 | 3618.5 | 3864.4 | 4086.8 | 4314.8 | 4613.4 | 4902.4 |
| -35° | 2266.1 | 2544.7 | 2764.1 | 3028.6 | 3276.2 | 3543.6 | 3801.8 | 4067.0 | 4325.7 | 4603.7 | 4912.9 |
| -37.5° | 2163.0 | 2441.7 | 2676.4 | 2918.0 | 3178.9 | 3463.7 | 3692.7 | 4023.9 | 4328.0 | 4619.1 | 4940.3 |
| -40° | 2043.5 | 2328.8 | 2586.6 | 2802.2 | 3062.7 | 3352.4 | 3585.2 | 3888.7 | 4219.2 | 4598.1 | 4910.7 |
| -42.5° | 1914.8 | 2195.1 | 2455.9 | 2685.6 | 2927.8 | 3188.2 | 3468.6 | 3746.4 | 4067.7 | 4433.2 | 4866.0 |
| -45° | 1785.8 | 2043.7 | 2302.1 | 2551.8 | 2774.8 | 3012.7 | 3267.1 | 3557.3 | 3848.0 | 4208.5 | 4660.1 |
| -47.5° | 1651.0 | 1889.9 | 2135.7 | 2372.5 | 2607.6 | 2822.6 | 3058.3 | 3319.2 | 3619.3 | 3957.4 | 4368.1 |
| -50° | 1516.8 | 1735.9 | 1962.0 | 2184.6 | 2409.3 | 2624.3 | 2844.8 | 3072.8 | 3363.9 | 3684.4 | 4068.5 |
| -52.5° | 1375.4 | 1575.1 | 1776.8 | 1989.1 | 2194.1 | 2403.7 | 2624.9 | 2828.7 | 3090.9 | 3407.9 | 3763.6 |
| -55° | 1230.6 | 1400.0 | 1574.6 | 1770.9 | 1951.2 | 2154.4 | 2357.4 | 2582.4 | 2808.3 | 3080.5 | 3401.2 |
| -57.5° | 1083.2 | 1225.3 | 1381.3 | 1540.3 | 1709.1 | 1876.1 | 2066.3 | 2269.5 | 2496.3 | 2741.1 | 3006.4 |
| -60° | 938.9 | 1060.9 | 1194.3 | 1339.8 | 1479.4 | 1627.3 | 1788.8 | 1981.0 | 2183.9 | 2402.6 | 2633.0 |
| -62.5° | 800.1 | 910.1 | 1019.5 | 1149.0 | 1272.8 | 1399.0 | 1539.3 | 1714.2 | 1896.8 | 2092.1 | 2280.8 |
| -65° | 674.9 | 771.6 | 862.5 | 965.2 | 1072.5 | 1188.0 | 1318.6 | 1459.6 | 1621.7 | 1788.7 | 1943.7 |
| -67.5° | 555.3 | 641.3 | 713.7 | 797.9 | 886.0 | 981.5 | 1101.2 | 1213.5 | 1348.2 | 1490.1 | 1611.7 |
| -70° | 457.2 | 515.5 | 578.4 | 648.7 | 719.4 | 806.3 | 900.8 | 996.8 | 1109.3 | 1216.4 | 1307.6 |
| -72.5° | 363.0 | 416.4 | 463.2 | 518.2 | 587.8 | 654.0 | 723.9 | 799.2 | 889.5 | 971.7 | 1041.4 |
| -75° | 295.1 | 332.5 | 363.8 | 411.7 | 465.2 | 514.0 | 561.9 | 628.2 | 695.8 | 759.8 | 818.8 |
| -77.5° | 231.3 | 265.4 | 293.5 | 324.7 | 357.0 | 382.1 | 431.3 | 480.8 | 529.7 | 583.5 | 622.9 |
| -80° | 183.0 | 208.9 | 228.7 | 253.5 | 277.4 | 297.0 | 331.0 | 364.4 | 396.0 | 444.7 | 487.2 |
| -82.5° | 134.9 | 155.4 | 170.1 | 193.9 | 209.2 | 221.1 | 243.5 | 270.9 | 298.6 | 332.2 | 351.6 |
| -85° | 85.9 | 109.0 | 117.8 | 135.4 | 148.0 | 154.6 | 166.7 | 185.8 | 202.9 | 230.5 | 241.5 |
| -87.5° | 42.0 | 56.8 | 61.1 | 71.7 | 83.0 | 87.7 | 96.8 | 112.5 | 117.4 | 139.2 | 149.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

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° | 56.4 | 59.0 | 61.6 | 60.7 | 50.5 | 50.9 | 51.9 | 53.2 | 56.4 | 61.4 | 64.4 |
| 85° | 135.5 | 152.6 | 169.9 | 184.5 | 196.8 | 196.4 | 199.9 | 200.9 | 217.6 | 234.5 | 260.2 |
| 82.5° | 305.9 | 349.8 | 400.2 | 449.3 | 474.9 | 488.8 | 495.4 | 487.8 | 517.2 | 545.9 | 619.0 |
| 80° | 592.1 | 723.7 | 798.9 | 880.2 | 916.3 | 917.1 | 925.2 | 947.9 | 1016.5 | 1096.3 | 1268.5 |
| 77.5° | 1038.7 | 1219.6 | 1365.8 | 1498.0 | 1540.0 | 1535.4 | 1527.6 | 1565.6 | 1719.9 | 1989.2 | 2351.9 |
| 75° | 1577.3 | 1822.2 | 2081.2 | 2325.5 | 2505.8 | 2607.5 | 2649.4 | 2789.7 | 3129.5 | 3593.8 | 4087.6 |
| 72.5° | 2333.3 | 2812.8 | 3383.9 | 3965.3 | 4404.8 | 4640.2 | 4843.1 | 5155.0 | 5500.3 | 5753.5 | 6000.1 |
| 70° | 3405.1 | 4234.4 | 5113.4 | 5950.0 | 6657.6 | 7176.6 | 7471.2 | 7663.0 | 7818.8 | 7827.4 | 7518.6 |
| 67.5° | 4740.3 | 5910.6 | 7066.0 | 8149.0 | 9492.3 | 10626.1 | 11233.6 | 11445.4 | 11507.0 | 11507.2 | 11541.9 |
| 65° | 6689.3 | 9031.6 | 11222.8 | 13175.4 | 16659.1 | 19109.2 | 20343.9 | 20934.0 | 21667.4 | 22607.9 | 22730.0 |
| 62.5° | 10623.1 | 15406.7 | 20782.5 | 27177.9 | 35848.9 | 42719.0 | 46701.4 | 49088.8 | 53554.3 | 55593.2 | 55634.8 |
| 60° | 16178.8 | 28015.8 | 41089.0 | 54131.0 | 67632.2 | 81560.5 | 95173.0 | 107082.4 | 117170.1 | 124633.1 | 129665.7 |
| 57.5° | 27558.0 | 48041.7 | 64804.8 | 78428.2 | 92406.1 | 108944.2 | 127611.2 | 148058.0 | 166276.0 | 180335.4 | 191091.2 |
| 55° | 47725.9 | 69563.3 | 83408.6 | 93391.5 | 105083.4 | 121080.5 | 139626.1 | 161094.6 | 180122.7 | 195378.0 | 204585.5 |
| 52.5° | 67689.2 | 86331.6 | 96209.7 | 102660.4 | 110578.9 | 122078.3 | 136362.2 | 152592.3 | 168476.1 | 181324.0 | 191771.9 |
| 50° | 83797.3 | 98001.0 | 103950.8 | 107785.6 | 112548.9 | 118646.0 | 126833.5 | 134937.2 | 143537.6 | 152725.1 | 160725.9 |
| 47.5° | 93001.1 | 104227.8 | 108774.6 | 111122.1 | 113370.1 | 116268.4 | 119723.3 | 122913.1 | 125854.7 | 129070.1 | 131042.3 |
| 45° | 98515.5 | 107447.9 | 111017.3 | 112340.1 | 113149.0 | 113295.8 | 113251.5 | 113191.1 | 112979.0 | 112420.1 | 111825.4 |
| 42.5° | 102421.9 | 110052.9 | 112754.3 | 113058.9 | 112038.2 | 110575.6 | 108242.8 | 106507.9 | 106086.8 | 104977.9 | 103377.7 |
| 40° | 107521.5 | 113962.2 | 116093.3 | 115359.1 | 113438.3 | 109120.8 | 105968.4 | 102513.7 | 100187.7 | 98387.0 | 96861.7 |
| 37.5° | 113203.0 | 119172.5 | 119665.3 | 117744.1 | 115010.7 | 107671.3 | 100702.7 | 96334.4 | 93807.9 | 92071.0 | 90538.5 |
| 35° | 116303.1 | 119661.0 | 118407.9 | 115155.9 | 111100.7 | 104281.9 | 95349.2 | 90735.6 | 88003.2 | 86285.2 | 84783.4 |
| 32.5° | 112126.8 | 113335.9 | 110819.6 | 106927.2 | 102529.7 | 97188.0 | 90109.4 | 85231.7 | 82600.3 | 80647.9 | 78950.0 |
| 30° | 103640.1 | 103847.8 | 101066.7 | 97258.2 | 92918.2 | 88157.6 | 83504.3 | 79634.9 | 76994.1 | 74760.2 | 72846.5 |
| 27.5° | 96337.9 | 95781.2 | 93143.8 | 89803.6 | 85633.4 | 80944.5 | 77024.8 | 73775.7 | 71024.7 | 68623.7 | 66754.2 |
| 25° | 89498.3 | 88321.8 | 85527.8 | 82514.5 | 78511.5 | 74041.8 | 70439.7 | 67445.0 | 64925.1 | 62719.8 | 60906.0 |
| 22.5° | 81825.8 | 80389.7 | 77847.7 | 74943.4 | 71269.6 | 67227.7 | 63868.5 | 61284.4 | 58959.1 | 56899.4 | 55246.4 |
| 20° | 73912.5 | 72332.0 | 70144.2 | 67518.0 | 64075.9 | 60496.8 | 57738.9 | 55288.8 | 53255.3 | 51463.1 | 49953.3 |
| 17.5° | 65580.7 | 64177.9 | 62403.8 | 60272.4 | 57145.7 | 54224.2 | 51871.1 | 49704.3 | 47889.6 | 46346.7 | 44944.2 |
| 15° | 57326.2 | 56060.3 | 54613.7 | 52912.0 | 50473.6 | 48062.5 | 46051.0 | 44276.7 | 42687.1 | 41325.7 | 40020.3 |
| 12.5° | 48820.8 | 47825.1 | 46847.5 | 45568.6 | 43630.8 | 41654.6 | 40042.7 | 38663.6 | 37361.9 | 36153.0 | 35143.1 |
| 10° | 40374.6 | 39613.9 | 38880.7 | 38000.3 | 36581.5 | 35061.8 | 33897.1 | 32829.4 | 31799.7 | 30934.0 | 30138.6 |
| 7.5° | 32087.3 | 31627.2 | 31064.1 | 30451.2 | 29383.7 | 28370.1 | 27673.1 | 26929.3 | 26228.7 | 25645.5 | 25090.0 |
| 5° | 24533.5 | 24123.3 | 23702.5 | 23307.4 | 22643.0 | 21979.9 | 21544.6 | 21138.5 | 20748.8 | 20415.7 | 20130.0 |
| 2.5° | 18267.9 | 17894.0 | 17470.7 | 17165.2 | 16781.1 | 16375.9 | 16140.0 | 15985.2 | 15844.2 | 15717.8 | 15609.6 |
| 0° | 13431.8 | 13088.0 | 12667.2 | 12396.2 | 12180.1 | 11935.4 | 11886.5 | 11878.6 | 11820.8 | 11742.8 | 11704.5 |
| -2.5° | 10355.0 | 9994.0 | 9534.0 | 9256.4 | 9171.7 | 9106.0 | 9102.9 | 9099.4 | 9067.3 | 9036.9 | 9040.0 |
| -5° | 8194.7 | 7858.4 | 7529.6 | 7361.4 | 7493.2 | 7625.4 | 7682.9 | 7737.5 | 7785.1 | 7863.7 | 7955.7 |
| -7.5° | 6917.5 | 6724.5 | 6505.5 | 6584.0 | 6881.3 | 7079.3 | 7187.1 | 7375.4 | 7551.0 | 7679.8 | 7802.2 |
| -10° | 6369.3 | 6317.5 | 6224.8 | 6387.7 | 6696.5 | 6917.5 | 7121.5 | 7415.5 | 7625.7 | 7755.3 | 7868.3 |
| -12.5° | 6163.8 | 6332.5 | 6323.7 | 6426.5 | 6636.7 | 6862.6 | 7137.0 | 7466.8 | 7695.5 | 7799.0 | 7856.4 |
| -15° | 6159.8 | 6416.2 | 6527.8 | 6503.9 | 6547.0 | 6778.6 | 7067.4 | 7437.4 | 7651.1 | 7644.6 | 7666.3 |
| -17.5° | 6044.6 | 6327.8 | 6496.4 | 6345.6 | 6319.8 | 6590.8 | 6923.2 | 7214.4 | 7444.4 | 7456.9 | 7439.5 |
| -20° | 5769.1 | 5999.8 | 6217.9 | 6106.9 | 6066.5 | 6361.1 | 6732.5 | 7024.2 | 7266.7 | 7324.1 | 7277.1 |



REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 5513.9 | 5769.5 | 5998.7 | 5908.0 | 5881.5 | 6223.2 | 6646.3 | 6950.1 | 7277.2 | 7398.6 | 7382.1 |
| -25° | 5286.8 | 5569.1 | 5827.6 | 5777.3 | 5786.0 | 6176.6 | 6671.1 | 7103.0 | 7450.2 | 7668.7 | 7660.0 |
| -27.5° | 5192.7 | 5475.9 | 5784.9 | 5798.7 | 5849.4 | 6271.4 | 6831.4 | 7299.2 | 7650.1 | 7892.7 | 7923.2 |
| -30° | 5153.0 | 5478.7 | 5814.4 | 5906.8 | 5961.7 | 6360.7 | 6924.4 | 7415.0 | 7795.7 | 8068.8 | 8105.4 |
| -32.5° | 5148.6 | 5512.1 | 5878.5 | 5999.0 | 6088.4 | 6459.2 | 7066.0 | 7620.3 | 7965.9 | 8228.7 | 8262.3 |
| -35° | 5203.9 | 5555.2 | 5954.9 | 6148.4 | 6252.6 | 6560.8 | 7143.5 | 7680.7 | 8073.5 | 8305.7 | 8301.1 |
| -37.5° | 5273.2 | 5689.8 | 6106.3 | 6343.8 | 6423.4 | 6666.4 | 7183.8 | 7722.3 | 8118.6 | 8318.3 | 8289.2 |
| -40° | 5307.3 | 5779.5 | 6250.0 | 6458.6 | 6463.7 | 6609.2 | 7090.6 | 7619.0 | 8040.4 | 8201.2 | 8195.1 |
| -42.5° | 5344.2 | 5874.6 | 6308.6 | 6528.8 | 6445.5 | 6477.1 | 6854.1 | 7399.6 | 7757.6 | 7889.5 | 7927.0 |
| -45° | 5242.6 | 5874.9 | 6354.8 | 6548.8 | 6502.0 | 6388.0 | 6664.2 | 7131.5 | 7508.2 | 7790.0 | 7862.3 |
| -47.5° | 4943.7 | 5603.0 | 6181.4 | 6509.5 | 6603.0 | 6512.6 | 6627.5 | 7066.1 | 7484.8 | 7816.5 | 8037.0 |
| -50° | 4551.1 | 5192.3 | 5800.2 | 6233.3 | 6552.2 | 6606.2 | 6649.2 | 7094.9 | 7601.8 | 8042.2 | 8440.2 |
| -52.5° | 4202.4 | 4726.3 | 5265.6 | 5694.6 | 6014.8 | 6208.0 | 6254.8 | 6634.4 | 7273.5 | 7801.4 | 8319.5 |
| -55° | 3772.3 | 4210.3 | 4633.8 | 5036.3 | 5305.0 | 5495.7 | 5581.8 | 5813.0 | 6283.7 | 6838.9 | 7379.5 |
| -57.5° | 3285.3 | 3659.6 | 4021.6 | 4349.6 | 4618.0 | 4786.5 | 4884.2 | 5039.9 | 5416.2 | 5894.5 | 6367.0 |
| -60° | 2876.4 | 3149.5 | 3422.9 | 3712.6 | 3967.6 | 4147.1 | 4255.4 | 4350.5 | 4591.6 | 4964.9 | 5365.7 |
| -62.5° | 2490.8 | 2710.1 | 2941.1 | 3189.5 | 3424.9 | 3591.2 | 3692.1 | 3764.6 | 3895.7 | 4124.6 | 4421.1 |
| -65° | 2125.1 | 2283.0 | 2458.2 | 2656.4 | 2884.3 | 3061.1 | 3171.6 | 3249.0 | 3329.3 | 3461.8 | 3709.6 |
| -67.5° | 1751.4 | 1871.2 | 1993.0 | 2144.2 | 2314.7 | 2504.8 | 2621.5 | 2705.0 | 2803.4 | 2921.8 | 3125.2 |
| -70° | 1414.7 | 1514.6 | 1608.9 | 1716.3 | 1827.0 | 1964.0 | 2089.1 | 2186.0 | 2303.4 | 2454.9 | 2639.8 |
| -72.5° | 1116.8 | 1198.1 | 1279.4 | 1359.4 | 1435.3 | 1514.1 | 1608.1 | 1704.5 | 1811.2 | 1936.2 | 2102.3 |
| -75° | 875.2 | 936.1 | 994.2 | 1054.2 | 1113.6 | 1179.0 | 1242.1 | 1305.1 | 1381.4 | 1474.3 | 1607.9 |
| -77.5° | 669.0 | 720.4 | 766.0 | 806.7 | 854.6 | 902.2 | 946.2 | 984.7 | 1028.3 | 1085.3 | 1173.0 |
| -80° | 520.2 | 543.7 | 579.1 | 614.3 | 654.0 | 695.3 | 732.3 | 751.8 | 788.4 | 820.0 | 876.2 |
| -82.5° | 383.9 | 411.8 | 432.9 | 461.9 | 488.7 | 520.7 | 545.8 | 565.4 | 592.8 | 617.9 | 639.0 |
| -85° | 269.0 | 287.2 | 309.1 | 333.7 | 363.2 | 387.2 | 414.2 | 429.3 | 448.9 | 463.3 | 471.0 |
| -87.5° | 166.1 | 169.8 | 190.8 | 195.9 | 210.6 | 236.5 | 247.7 | 266.7 | 272.1 | 277.0 | 308.6 |
| -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: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

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° | 75.6 | 95.4 | 106.3 | 108.7 | 106.3 | 95.4 | 75.6 | 64.4 | 61.4 | 56.4 | 53.2 |
| 85° | 347.1 | 479.8 | 570.6 | 595.0 | 570.6 | 479.8 | 347.1 | 260.2 | 234.5 | 217.6 | 200.9 |
| 82.5° | 824.5 | 1108.9 | 1292.4 | 1335.6 | 1292.4 | 1108.9 | 824.5 | 619.0 | 545.9 | 517.2 | 487.8 |
| 80° | 1547.5 | 1857.9 | 2111.5 | 2198.5 | 2111.5 | 1857.9 | 1547.5 | 1268.5 | 1096.3 | 1016.5 | 947.9 |
| 77.5° | 2581.9 | 2828.6 | 3132.4 | 3299.3 | 3132.4 | 2828.6 | 2581.9 | 2351.9 | 1989.2 | 1719.9 | 1565.6 |
| 75° | 4111.0 | 4141.9 | 4506.4 | 4730.2 | 4506.4 | 4141.9 | 4111.0 | 4087.6 | 3593.8 | 3129.5 | 2789.7 |
| 72.5° | 5734.9 | 5637.0 | 6030.3 | 6315.8 | 6030.3 | 5637.0 | 5734.9 | 6000.1 | 5753.5 | 5500.3 | 5155.0 |
| 70° | 6895.1 | 6686.9 | 7066.3 | 7317.6 | 7066.3 | 6686.9 | 6895.1 | 7518.6 | 7827.4 | 7818.8 | 7663.0 |
| 67.5° | 11330.4 | 11123.5 | 11050.2 | 11056.3 | 11050.2 | 11123.5 | 11330.4 | 11541.9 | 11507.2 | 11507.0 | 11445.4 |
| 65° | 22764.3 | 22831.1 | 22787.3 | 22670.8 | 22787.3 | 22831.1 | 22764.3 | 22730.0 | 22607.9 | 21667.4 | 20934.0 |
| 62.5° | 54685.0 | 52957.1 | 51258.4 | 50449.5 | 51258.4 | 52957.1 | 54685.0 | 55634.8 | 55593.2 | 53554.3 | 49088.8 |
| 60° | 131899.9 | 131154.8 | 129476.5 | 128500.9 | 129476.5 | 131154.8 | 131899.9 | 129665.7 | 124633.1 | 117170.1 | 107082.4 |
| 57.5° | 195183.6 | 195802.2 | 195682.0 | 195478.8 | 195682.0 | 195802.2 | 195183.6 | 191091.2 | 180335.4 | 166276.0 | 148058.0 |
| 55° | 210091.9 | 212866.0 | 214161.2 | 214470.5 | 214161.2 | 212866.0 | 210091.9 | 204585.5 | 195378.0 | 180122.7 | 161094.6 |
| 52.5° | 198642.7 | 202411.4 | 204500.9 | 205020.1 | 204500.9 | 202411.4 | 198642.7 | 191771.9 | 181324.0 | 168476.1 | 152592.3 |
| 50° | 166894.5 | 170752.7 | 173365.6 | 174451.3 | 173365.6 | 170752.7 | 166894.5 | 160725.9 | 152725.1 | 143537.6 | 134937.2 |
| 47.5° | 131834.7 | 132483.8 | 132678.5 | 132687.6 | 132678.5 | 132483.8 | 131834.7 | 131042.3 | 129070.1 | 125854.7 | 122913.1 |
| 45° | 111470.5 | 110841.5 | 110038.3 | 109937.9 | 110038.3 | 110841.5 | 111470.5 | 111825.4 | 112420.1 | 112979.0 | 113191.1 |
| 42.5° | 102182.3 | 101392.9 | 100925.0 | 100823.8 | 100925.0 | 101392.9 | 102182.3 | 103377.7 | 104977.9 | 106086.8 | 106507.9 |
| 40° | 95645.1 | 94774.7 | 94235.4 | 94109.4 | 94235.4 | 94774.7 | 95645.1 | 96861.7 | 98387.0 | 100187.7 | 102513.7 |
| 37.5° | 89310.7 | 88454.0 | 87957.0 | 87837.0 | 87957.0 | 88454.0 | 89310.7 | 90538.5 | 92071.0 | 93807.9 | 96334.4 |
| 35° | 83519.5 | 82567.9 | 82013.7 | 81864.9 | 82013.7 | 82567.9 | 83519.5 | 84783.4 | 86285.2 | 88003.2 | 90735.6 |
| 32.5° | 77477.5 | 76377.8 | 75732.6 | 75533.3 | 75732.6 | 76377.8 | 77477.5 | 78950.0 | 80647.9 | 82600.3 | 85231.7 |
| 30° | 71211.4 | 70011.5 | 69182.4 | 68904.3 | 69182.4 | 70011.5 | 71211.4 | 72846.5 | 74760.2 | 76994.1 | 79634.9 |
| 27.5° | 65277.1 | 64230.0 | 63455.0 | 63225.0 | 63455.0 | 64230.0 | 65277.1 | 66754.2 | 68623.7 | 71024.7 | 73775.7 |
| 25° | 59506.8 | 58469.6 | 57741.2 | 57554.1 | 57741.2 | 58469.6 | 59506.8 | 60906.8 | 62719.8 | 64925.1 | 67445.0 |
| 22.5° | 53908.6 | 52927.9 | 52269.7 | 52100.1 | 52269.7 | 52927.9 | 53908.6 | 55246.4 | 56899.4 | 58959.1 | 61284.4 |
| 20° | 48689.3 | 47728.3 | 47171.7 | 46981.9 | 47171.7 | 47728.3 | 48689.3 | 49953.3 | 51463.1 | 53255.3 | 55288.8 |
| 17.5° | 43714.3 | 42808.5 | 42312.8 | 42248.0 | 42312.8 | 42808.5 | 43714.3 | 44944.2 | 46346.7 | 47889.6 | 49704.3 |
| 15° | 38937.3 | 38119.2 | 37669.5 | 37674.8 | 37669.5 | 38119.2 | 38937.3 | 40020.3 | 41325.7 | 42687.1 | 44276.7 |
| 12.5° | 34245.1 | 33505.2 | 33097.8 | 33064.5 | 33097.8 | 33505.2 | 34245.1 | 35143.1 | 36153.0 | 37361.9 | 38663.6 |
| 10° | 29453.0 | 28871.0 | 28472.4 | 28414.9 | 28472.4 | 28871.0 | 29453.0 | 30138.6 | 30934.0 | 31799.7 | 32829.4 |
| 7.5° | 24566.3 | 24139.3 | 23792.7 | 23670.9 | 23792.7 | 24139.3 | 24566.3 | 25090.0 | 25645.5 | 26228.7 | 26929.3 |
| 5° | 19833.1 | 19576.4 | 19410.3 | 19331.7 | 19410.3 | 19576.4 | 19833.1 | 20130.0 | 20415.7 | 20748.8 | 21138.5 |
| 2.5° | 15460.2 | 15372.3 | 15339.0 | 15335.3 | 15339.0 | 15372.3 | 15460.2 | 15609.6 | 15717.8 | 15844.2 | 15985.2 |
| 0° | 11666.3 | 11662.4 | 11693.3 | 11722.7 | 11693.3 | 11662.4 | 11666.3 | 11704.5 | 11742.8 | 11820.8 | 11878.6 |
| -2.5° | 9055.8 | 9122.0 | 9238.7 | 9328.7 | 9238.7 | 9122.0 | 9055.8 | 9040.0 | 9036.9 | 9067.3 | 9099.4 |
| -5° | 8037.2 | 8119.0 | 8169.1 | 8232.9 | 8169.1 | 8119.0 | 8037.2 | 7955.7 | 7863.7 | 7785.1 | 7737.5 |
| -7.5° | 7895.8 | 7929.8 | 7944.2 | 7950.2 | 7944.2 | 7929.8 | 7895.8 | 7802.2 | 7679.8 | 7551.0 | 7375.4 |
| -10° | 7909.9 | 7899.3 | 7909.5 | 7900.1 | 7909.5 | 7899.3 | 7909.9 | 7868.3 | 7755.3 | 7625.7 | 7415.5 |
| -12.5° | 7847.3 | 7777.4 | 7772.4 | 7753.7 | 7772.4 | 7777.4 | 7847.3 | 7856.4 | 7799.0 | 7695.5 | 7466.8 |
| -15° | 7619.3 | 7530.7 | 7492.9 | 7462.2 | 7492.9 | 7530.7 | 7619.3 | 7666.3 | 7644.6 | 7651.1 | 7437.4 |
| -17.5° | 7337.7 | 7235.4 | 7164.8 | 7168.0 | 7164.8 | 7235.4 | 7337.7 | 7439.5 | 7456.9 | 7444.4 | 7214.4 |
| -20° | 7211.8 | 7093.2 | 7067.3 | 7081.0 | 7067.3 | 7093.2 | 7211.8 | 7277.1 | 7324.1 | 7266.7 | 7024.2 |



REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 7344.4 | 7263.3 | 7176.1 | 7166.6 | 7176.1 | 7263.3 | 7344.4 | 7382.1 | 7398.6 | 7277.2 | 6950.1 |
| -25° | 7626.1 | 7486.2 | 7401.7 | 7381.5 | 7401.7 | 7486.2 | 7626.1 | 7660.0 | 7668.7 | 7450.2 | 7103.0 |
| -27.5° | 7779.0 | 7592.8 | 7516.0 | 7494.6 | 7516.0 | 7592.8 | 7779.0 | 7923.2 | 7892.7 | 7650.1 | 7299.2 |
| -30° | 8038.3 | 7906.8 | 7847.7 | 7819.2 | 7847.7 | 7906.8 | 8038.3 | 8105.4 | 8068.8 | 7795.7 | 7415.0 |
| -32.5° | 8102.1 | 7920.2 | 7826.1 | 7815.1 | 7826.1 | 7920.2 | 8102.1 | 8262.3 | 8228.7 | 7965.9 | 7620.3 |
| -35° | 8111.3 | 7915.7 | 7833.7 | 7815.2 | 7833.7 | 7915.7 | 8111.3 | 8301.1 | 8305.7 | 8073.5 | 7680.7 |
| -37.5° | 8077.7 | 7868.0 | 7765.2 | 7775.7 | 7765.2 | 7868.0 | 8077.7 | 8289.2 | 8318.3 | 8118.6 | 7722.3 |
| -40° | 7978.7 | 7676.9 | 7569.4 | 7590.6 | 7569.4 | 7676.9 | 7978.7 | 8195.1 | 8201.2 | 8040.4 | 7619.0 |
| -42.5° | 7795.4 | 7525.6 | 7361.6 | 7307.5 | 7361.6 | 7525.6 | 7795.4 | 7927.0 | 7889.5 | 7757.6 | 7399.6 |
| -45° | 7858.7 | 7633.7 | 7502.4 | 7467.3 | 7502.4 | 7633.7 | 7858.7 | 7862.3 | 7790.0 | 7508.2 | 7131.5 |
| -47.5° | 8139.5 | 8126.5 | 8060.9 | 8070.0 | 8060.9 | 8126.5 | 8139.5 | 8037.0 | 7816.5 | 7484.8 | 7066.1 |
| -50° | 8735.7 | 8886.8 | 8953.5 | 9042.8 | 8953.5 | 8886.8 | 8735.7 | 8440.2 | 8042.2 | 7601.8 | 7094.9 |
| -52.5° | 8761.7 | 9077.1 | 9313.5 | 9394.8 | 9313.5 | 9077.1 | 8761.7 | 8319.5 | 7801.4 | 7273.5 | 6634.4 |
| -55° | 7815.2 | 8157.7 | 8427.3 | 8517.0 | 8427.3 | 8157.7 | 7815.2 | 7379.5 | 6838.9 | 6283.7 | 5813.0 |
| -57.5° | 6768.3 | 7059.5 | 7261.3 | 7396.5 | 7261.3 | 7059.5 | 6768.3 | 6367.0 | 5894.5 | 5416.2 | 5039.9 |
| -60° | 5698.3 | 5873.5 | 5996.2 | 6065.6 | 5996.2 | 5873.5 | 5698.3 | 5365.7 | 4964.9 | 4591.6 | 4350.5 |
| -62.5° | 4665.7 | 4827.0 | 4975.5 | 5045.3 | 4975.5 | 4827.0 | 4665.7 | 4421.1 | 4124.6 | 3895.7 | 3764.6 |
| -65° | 3972.8 | 4160.1 | 4303.2 | 4378.8 | 4303.2 | 4160.1 | 3972.8 | 3709.6 | 3461.8 | 3329.3 | 3249.0 |
| -67.5° | 3340.3 | 3505.3 | 3631.6 | 3701.7 | 3631.6 | 3505.3 | 3340.3 | 3125.2 | 2921.8 | 2803.4 | 2705.0 |
| -70° | 2828.3 | 2949.9 | 3048.8 | 3112.7 | 3048.8 | 2949.9 | 2828.3 | 2639.8 | 2454.9 | 2303.4 | 2186.0 |
| -72.5° | 2314.1 | 2473.7 | 2582.1 | 2642.3 | 2582.1 | 2473.7 | 2314.1 | 2102.3 | 1936.2 | 1811.2 | 1704.5 |
| -75° | 1732.9 | 1891.0 | 2062.0 | 2140.2 | 2062.0 | 1891.0 | 1732.9 | 1607.9 | 1474.3 | 1381.4 | 1305.1 |
| -77.5° | 1204.8 | 1281.0 | 1380.5 | 1436.5 | 1380.5 | 1281.0 | 1204.8 | 1173.0 | 1085.3 | 1028.3 | 984.7 |
| -80° | 893.5 | 929.5 | 973.6 | 993.1 | 973.6 | 929.5 | 893.5 | 876.2 | 820.0 | 788.4 | 751.8 |
| -82.5° | 653.1 | 682.2 | 701.1 | 717.7 | 701.1 | 682.2 | 653.1 | 639.0 | 617.9 | 592.8 | 565.4 |
| -85° | 490.2 | 499.5 | 508.1 | 520.2 | 508.1 | 499.5 | 490.2 | 471.0 | 463.3 | 448.9 | 429.3 |
| -87.5° | 313.7 | 315.2 | 327.5 | 334.3 | 327.5 | 315.2 | 313.7 | 308.6 | 277.0 | 272.1 | 266.7 |
| -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: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

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° | 51.9 | 50.9 | 50.5 | 60.7 | 61.6 | 59.0 | 56.4 | 54.1 | 52.2 | 46.8 | 32.2 |
| 85° | 199.9 | 196.4 | 196.8 | 184.5 | 169.9 | 152.6 | 135.5 | 121.1 | 118.2 | 111.5 | 101.6 |
| 82.5° | 495.4 | 488.8 | 474.9 | 449.3 | 400.2 | 349.8 | 305.9 | 281.6 | 276.4 | 257.1 | 236.2 |
| 80° | 925.2 | 917.1 | 916.3 | 880.2 | 798.9 | 723.7 | 592.1 | 532.7 | 502.2 | 465.5 | 423.3 |
| 77.5° | 1527.6 | 1535.4 | 1540.0 | 1498.0 | 1365.8 | 1219.6 | 1038.7 | 889.8 | 807.6 | 742.2 | 677.5 |
| 75° | 2649.4 | 2607.5 | 2505.8 | 2325.5 | 2081.2 | 1822.2 | 1577.3 | 1367.1 | 1219.1 | 1112.5 | 1017.2 |
| 72.5° | 4843.1 | 4640.2 | 4404.8 | 3965.3 | 3383.9 | 2812.8 | 2333.3 | 2001.0 | 1762.7 | 1576.3 | 1429.2 |
| 70° | 7471.2 | 7176.6 | 6657.6 | 5950.0 | 5113.4 | 4234.4 | 3405.1 | 2762.9 | 2361.8 | 2085.0 | 1894.5 |
| 67.5° | 11233.6 | 10626.1 | 9492.3 | 8149.0 | 7066.0 | 5910.6 | 4740.3 | 3738.4 | 3052.9 | 2591.2 | 2291.6 |
| 65° | 20343.9 | 19109.2 | 16659.1 | 13175.4 | 11222.8 | 9031.6 | 6689.3 | 5068.2 | 3980.6 | 3181.9 | 2723.4 |
| 62.5° | 46701.4 | 42719.0 | 35848.9 | 27177.9 | 20782.5 | 15406.7 | 10623.1 | 7483.2 | 5338.7 | 3999.4 | 3237.5 |
| 60° | 95173.0 | 81560.5 | 67632.2 | 54131.0 | 41089.0 | 28015.8 | 16178.8 | 10223.7 | 6972.2 | 4958.9 | 3813.6 |
| 57.5° | 127611.2 | 108944.2 | 92406.1 | 78428.2 | 64804.8 | 48041.7 | 27558.0 | 15280.9 | 8940.4 | 6040.0 | 4455.4 |
| 55° | 139626.1 | 121080.5 | 105083.4 | 93391.5 | 83408.6 | 69563.3 | 47725.9 | 26056.6 | 12565.9 | 7829.9 | 5252.6 |
| 52.5° | 136362.2 | 122078.3 | 110578.9 | 102660.4 | 96209.7 | 86331.6 | 67689.2 | 40790.1 | 20520.2 | 10928.4 | 6534.3 |
| 50° | 126833.5 | 118646.0 | 112548.9 | 107785.6 | 103950.8 | 98001.0 | 83797.3 | 56315.1 | 30540.4 | 15145.5 | 8474.5 |
| 47.5° | 119723.3 | 116268.4 | 113370.1 | 111122.1 | 108774.6 | 104227.8 | 93001.1 | 70379.4 | 42228.5 | 21018.4 | 11053.2 |
| 45° | 113251.5 | 113295.8 | 113149.0 | 112340.1 | 111017.3 | 107447.9 | 98515.5 | 80554.1 | 52635.0 | 28238.1 | 13577.4 |
| 42.5° | 108242.8 | 110575.6 | 112038.2 | 113058.9 | 112754.3 | 110052.9 | 102421.9 | 87310.0 | 62951.1 | 36663.4 | 18089.4 |
| 40° | 105968.4 | 109120.8 | 113438.3 | 115359.1 | 116093.3 | 113962.2 | 107521.5 | 93892.9 | 72036.3 | 44893.7 | 23107.6 |
| 37.5° | 100702.7 | 107671.3 | 115010.7 | 117744.1 | 119665.3 | 119172.5 | 113203.0 | 100896.2 | 80973.3 | 54761.2 | 28601.0 |
| 35° | 95349.2 | 104281.9 | 111100.7 | 115155.9 | 118407.9 | 119661.0 | 116303.1 | 105858.4 | 88163.9 | 63802.2 | 37166.9 |
| 32.5° | 90109.4 | 97188.0 | 102529.7 | 106927.2 | 110819.6 | 113335.9 | 112126.8 | 105814.6 | 91334.5 | 69789.1 | 43920.0 |
| 30° | 83504.3 | 88157.6 | 92918.2 | 97258.2 | 101066.7 | 103847.8 | 103640.1 | 99006.3 | 88144.1 | 70678.2 | 48179.4 |
| 27.5° | 77024.8 | 80944.5 | 85633.4 | 89803.6 | 93143.8 | 95781.2 | 96337.9 | 93220.8 | 84498.3 | 69469.9 | 49372.7 |
| 25° | 70439.7 | 74041.8 | 78511.5 | 82514.5 | 85527.8 | 88321.8 | 89498.3 | 87833.4 | 81426.0 | 68622.7 | 50636.4 |
| 22.5° | 63868.5 | 67227.7 | 71269.6 | 74943.4 | 77847.7 | 80389.7 | 81825.8 | 80807.7 | 76009.1 | 65657.4 | 50065.3 |
| 20° | 57738.9 | 60496.8 | 64075.9 | 67518.0 | 70144.2 | 72332.0 | 73912.5 | 73609.8 | 70399.6 | 62236.3 | 48547.4 |
| 17.5° | 51871.1 | 54224.2 | 57145.7 | 60272.4 | 62403.8 | 64177.9 | 65580.7 | 65582.4 | 62984.3 | 56471.4 | 45390.9 |
| 15° | 46051.0 | 48062.5 | 50473.6 | 52912.0 | 54613.7 | 56060.3 | 57326.2 | 57511.7 | 55402.1 | 50087.0 | 40939.3 |
| 12.5° | 40042.7 | 41654.6 | 43630.8 | 45568.6 | 46847.5 | 47825.1 | 48820.8 | 48919.1 | 47338.9 | 43293.6 | 35793.2 |
| 10° | 33897.1 | 35061.8 | 36581.5 | 38000.3 | 38880.7 | 39613.9 | 40374.6 | 40385.4 | 39049.5 | 35591.1 | 29847.5 |
| 7.5° | 27673.1 | 28370.1 | 29383.7 | 30451.2 | 31064.1 | 31627.2 | 32087.3 | 32056.6 | 30941.9 | 28069.9 | 23515.8 |
| 5° | 21544.6 | 21979.9 | 22643.0 | 23307.4 | 23702.5 | 24123.3 | 24533.5 | 24503.2 | 23555.3 | 21123.8 | 17584.7 |
| 2.5° | 16140.0 | 16375.9 | 16781.1 | 17165.2 | 17470.7 | 17894.0 | 18267.9 | 18213.9 | 17375.4 | 15302.3 | 12663.3 |
| 0° | 11886.5 | 11935.4 | 12180.1 | 12396.2 | 12667.2 | 13088.0 | 13431.8 | 13397.9 | 12705.7 | 10953.1 | 9109.6 |
| -2.5° | 9102.9 | 9106.0 | 9171.7 | 9256.4 | 9534.0 | 9994.0 | 10355.0 | 10364.8 | 9755.4 | 8447.8 | 7111.9 |
| -5° | 7682.9 | 7625.4 | 7493.2 | 7361.4 | 7529.6 | 7858.4 | 8194.7 | 8251.0 | 7794.8 | 6919.1 | 6014.2 |
| -7.5° | 7187.1 | 7079.3 | 6881.3 | 6584.0 | 6505.5 | 6724.5 | 6917.5 | 6874.6 | 6555.3 | 6032.7 | 5425.7 |
| -10° | 7121.5 | 6917.5 | 6696.5 | 6387.7 | 6224.8 | 6317.5 | 6369.3 | 6183.3 | 5911.8 | 5539.1 | 5101.5 |
| -12.5° | 7137.0 | 6862.6 | 6636.7 | 6426.5 | 6323.7 | 6332.5 | 6163.8 | 5930.1 | 5612.2 | 5273.3 | 4918.0 |
| -15° | 7067.4 | 6778.6 | 6547.0 | 6503.9 | 6527.8 | 6416.2 | 6159.8 | 5852.7 | 5460.6 | 5097.2 | 4764.0 |
| -17.5° | 6923.2 | 6590.8 | 6319.8 | 6345.6 | 6496.4 | 6327.8 | 6044.6 | 5706.1 | 5272.6 | 4900.1 | 4570.7 |
| -20° | 6732.5 | 6361.1 | 6066.5 | 6106.9 | 6217.9 | 5999.8 | 5769.1 | 5451.0 | 5092.4 | 4745.7 | 4414.2 |



REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6646.3 | 6223.2 | 5881.5 | 5908.0 | 5998.7 | 5769.5 | 5513.9 | 5260.2 | 4971.3 | 4609.2 | 4306.6 |
| -25° | 6671.1 | 6176.6 | 5786.0 | 5777.3 | 5827.6 | 5569.1 | 5286.8 | 5071.6 | 4841.9 | 4503.6 | 4204.3 |
| -27.5° | 6831.4 | 6271.4 | 5849.4 | 5798.7 | 5784.9 | 5475.9 | 5192.7 | 4958.8 | 4716.5 | 4417.9 | 4151.8 |
| -30° | 6924.4 | 6360.7 | 5961.7 | 5906.8 | 5814.4 | 5478.7 | 5153.0 | 4908.8 | 4653.0 | 4359.4 | 4099.7 |
| -32.5° | 7066.0 | 6459.2 | 6088.4 | 5999.0 | 5878.5 | 5512.1 | 5148.6 | 4902.4 | 4613.4 | 4314.8 | 4086.8 |
| -35° | 7143.5 | 6560.8 | 6252.6 | 6148.4 | 5954.9 | 5555.2 | 5203.9 | 4912.9 | 4603.7 | 4325.7 | 4067.0 |
| -37.5° | 7183.8 | 6666.4 | 6423.4 | 6343.8 | 6106.3 | 5689.8 | 5273.2 | 4940.3 | 4619.1 | 4328.0 | 4023.9 |
| -40° | 7090.6 | 6609.2 | 6463.7 | 6458.6 | 6250.0 | 5779.5 | 5307.3 | 4910.7 | 4598.1 | 4219.2 | 3888.7 |
| -42.5° | 6854.1 | 6477.1 | 6445.5 | 6528.8 | 6308.6 | 5874.6 | 5344.2 | 4866.0 | 4433.2 | 4067.7 | 3746.4 |
| -45° | 6664.2 | 6388.0 | 6502.0 | 6548.8 | 6354.8 | 5874.9 | 5242.6 | 4660.1 | 4208.5 | 3848.0 | 3557.3 |
| -47.5° | 6627.5 | 6512.6 | 6603.0 | 6509.5 | 6181.4 | 5603.0 | 4943.7 | 4368.1 | 3957.4 | 3619.3 | 3319.2 |
| -50° | 6649.2 | 6606.2 | 6552.2 | 6233.3 | 5800.2 | 5192.3 | 4551.1 | 4068.5 | 3684.4 | 3363.9 | 3072.8 |
| -52.5° | 6254.8 | 6208.0 | 6014.8 | 5694.6 | 5265.6 | 4726.3 | 4202.4 | 3763.6 | 3407.9 | 3090.9 | 2828.7 |
| -55° | 5581.8 | 5495.7 | 5305.0 | 5036.3 | 4633.8 | 4210.3 | 3772.3 | 3401.2 | 3080.5 | 2808.3 | 2582.4 |
| -57.5° | 4884.2 | 4786.5 | 4618.0 | 4349.6 | 4021.6 | 3659.6 | 3285.3 | 3006.4 | 2741.1 | 2496.3 | 2269.5 |
| -60° | 4255.4 | 4147.1 | 3967.6 | 3712.6 | 3422.9 | 3149.5 | 2876.4 | 2633.0 | 2402.6 | 2183.9 | 1981.0 |
| -62.5° | 3692.1 | 3591.2 | 3424.9 | 3189.5 | 2941.1 | 2710.1 | 2490.8 | 2280.8 | 2092.1 | 1896.8 | 1714.2 |
| -65° | 3171.6 | 3061.1 | 2884.3 | 2656.4 | 2458.2 | 2283.0 | 2125.1 | 1943.7 | 1788.7 | 1621.7 | 1459.6 |
| -67.5° | 2621.5 | 2504.8 | 2314.7 | 2144.2 | 1993.0 | 1871.2 | 1751.4 | 1611.7 | 1490.1 | 1348.2 | 1213.5 |
| -70° | 2089.1 | 1964.0 | 1827.0 | 1716.3 | 1608.9 | 1514.6 | 1414.7 | 1307.6 | 1216.4 | 1109.3 | 996.8 |
| -72.5° | 1608.1 | 1514.1 | 1435.3 | 1359.4 | 1279.4 | 1198.1 | 1116.8 | 1041.4 | 971.7 | 889.5 | 799.2 |
| -75° | 1242.1 | 1179.0 | 1113.6 | 1054.2 | 994.2 | 936.1 | 875.2 | 818.8 | 759.8 | 695.8 | 628.2 |
| -77.5° | 946.2 | 902.2 | 854.6 | 806.7 | 766.0 | 720.4 | 669.0 | 622.9 | 583.5 | 529.7 | 480.8 |
| -80° | 732.3 | 695.3 | 654.0 | 614.3 | 579.1 | 543.7 | 520.2 | 487.2 | 444.7 | 396.0 | 364.4 |
| -82.5° | 545.8 | 520.7 | 488.7 | 461.9 | 432.9 | 411.8 | 383.9 | 351.6 | 332.2 | 298.6 | 270.9 |
| -85° | 414.2 | 387.2 | 363.2 | 333.7 | 309.1 | 287.2 | 269.0 | 241.5 | 230.5 | 202.9 | 185.8 |
| -87.5° | 247.7 | 236.5 | 210.6 | 195.9 | 190.8 | 169.8 | 166.1 | 149.8 | 139.2 | 117.4 | 112.5 |
| -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: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

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° | 30.7 | 29.2 | 27.7 | 26.1 | 24.4 | 22.7 | 21.0 | 19.3 | 24.4 | 23.3 | 20.5 |
| 85° | 94.9 | 88.0 | 82.8 | 79.7 | 71.1 | 61.8 | 52.5 | 43.4 | 48.8 | 46.6 | 41.0 |
| 82.5° | 215.0 | 193.4 | 174.1 | 161.3 | 139.9 | 125.4 | 113.5 | 105.9 | 97.8 | 84.3 | 68.4 |
| 80° | 382.8 | 345.2 | 307.1 | 282.4 | 260.4 | 229.1 | 200.3 | 176.1 | 149.0 | 129.4 | 109.8 |
| 77.5° | 604.3 | 529.0 | 489.6 | 457.7 | 413.7 | 354.3 | 310.4 | 280.1 | 238.1 | 187.4 | 151.4 |
| 75° | 920.4 | 849.8 | 780.2 | 695.2 | 597.5 | 533.1 | 471.1 | 398.4 | 336.4 | 276.7 | 217.3 |
| 72.5° | 1322.7 | 1222.6 | 1116.4 | 1008.6 | 888.6 | 757.1 | 645.3 | 551.6 | 456.7 | 365.7 | 295.9 |
| 70° | 1726.0 | 1583.9 | 1454.4 | 1307.4 | 1161.3 | 1009.6 | 849.3 | 706.1 | 587.0 | 473.5 | 372.9 |
| 67.5° | 2085.0 | 1899.5 | 1726.4 | 1568.5 | 1406.6 | 1213.7 | 1037.8 | 865.4 | 715.2 | 579.6 | 455.7 |
| 65° | 2411.3 | 2160.1 | 1948.1 | 1790.3 | 1597.4 | 1391.1 | 1186.3 | 1007.6 | 837.6 | 682.1 | 536.4 |
| 62.5° | 2720.1 | 2386.5 | 2132.5 | 1928.8 | 1745.7 | 1521.9 | 1316.2 | 1120.0 | 949.4 | 783.7 | 613.6 |
| 60° | 3086.0 | 2637.2 | 2312.0 | 2073.4 | 1859.1 | 1643.1 | 1422.4 | 1227.5 | 1048.5 | 882.9 | 700.1 |
| 57.5° | 3555.6 | 2918.3 | 2532.0 | 2226.8 | 1997.4 | 1763.2 | 1531.7 | 1330.1 | 1149.1 | 975.6 | 784.3 |
| 55° | 4093.2 | 3266.9 | 2763.8 | 2420.5 | 2145.5 | 1890.8 | 1650.2 | 1433.5 | 1253.9 | 1063.8 | 864.2 |
| 52.5° | 4706.5 | 3675.0 | 2996.4 | 2607.1 | 2296.0 | 2021.4 | 1769.0 | 1541.6 | 1359.9 | 1148.2 | 936.5 |
| 50° | 5441.6 | 4091.8 | 3276.0 | 2797.0 | 2445.9 | 2156.2 | 1892.3 | 1650.6 | 1465.4 | 1233.9 | 1005.9 |
| 47.5° | 6501.9 | 4527.6 | 3547.7 | 3004.7 | 2609.0 | 2284.8 | 2010.4 | 1769.5 | 1561.8 | 1315.8 | 1072.9 |
| 45° | 7645.0 | 5024.3 | 3830.7 | 3192.2 | 2765.3 | 2416.3 | 2123.9 | 1883.9 | 1660.9 | 1396.9 | 1141.0 |
| 42.5° | 8904.7 | 5538.2 | 4125.9 | 3400.6 | 2921.5 | 2538.6 | 2238.9 | 1990.6 | 1762.5 | 1483.8 | 1207.8 |
| 40° | 11144.0 | 6285.1 | 4446.9 | 3601.5 | 3077.5 | 2660.8 | 2346.1 | 2100.4 | 1861.4 | 1563.8 | 1268.0 |
| 37.5° | 13629.1 | 7231.6 | 4844.6 | 3856.8 | 3252.7 | 2789.6 | 2440.3 | 2207.2 | 1946.9 | 1636.5 | 1321.4 |
| 35° | 16968.7 | 8102.1 | 5163.8 | 4063.8 | 3418.7 | 2915.4 | 2540.3 | 2303.2 | 2024.5 | 1684.8 | 1366.3 |
| 32.5° | 21756.5 | 9877.7 | 5625.0 | 4254.4 | 3583.3 | 3045.8 | 2635.0 | 2351.0 | 2086.7 | 1723.6 | 1399.3 |
| 30° | 25184.5 | 10817.1 | 5822.2 | 4341.3 | 3712.3 | 3141.0 | 2698.3 | 2386.4 | 2105.8 | 1750.4 | 1427.4 |
| 27.5° | 28018.7 | 12778.2 | 6338.0 | 4482.3 | 3807.0 | 3223.7 | 2745.5 | 2408.5 | 2118.7 | 1778.4 | 1453.4 |
| 25° | 30183.2 | 13747.4 | 6634.7 | 4601.5 | 3877.9 | 3300.3 | 2795.8 | 2438.8 | 2126.2 | 1809.2 | 1476.9 |
| 22.5° | 31356.3 | 14931.4 | 6996.2 | 4678.2 | 3925.0 | 3355.6 | 2841.5 | 2466.0 | 2154.9 | 1835.4 | 1500.7 |
| 20° | 31685.5 | 16037.5 | 7474.8 | 4901.6 | 3982.9 | 3380.9 | 2871.8 | 2497.5 | 2178.9 | 1857.5 | 1520.9 |
| 17.5° | 30970.9 | 15958.9 | 7507.3 | 4971.5 | 4028.4 | 3389.9 | 2897.1 | 2521.9 | 2199.2 | 1873.3 | 1536.1 |
| 15° | 28650.6 | 15488.8 | 7272.4 | 4965.2 | 4037.7 | 3388.2 | 2910.2 | 2546.2 | 2218.6 | 1883.0 | 1549.3 |
| 12.5° | 25513.9 | 14477.1 | 7330.4 | 4938.4 | 4010.1 | 3379.7 | 2925.0 | 2568.4 | 2236.2 | 1894.3 | 1561.7 |
| 10° | 21780.5 | 12938.0 | 6920.6 | 4879.2 | 3980.6 | 3389.2 | 2933.5 | 2583.9 | 2262.8 | 1906.5 | 1570.0 |
| 7.5° | 17705.7 | 10985.8 | 6367.8 | 4698.7 | 3930.4 | 3385.9 | 2945.8 | 2598.8 | 2283.9 | 1913.7 | 1573.8 |
| 5° | 13548.4 | 8942.3 | 5759.9 | 4501.7 | 3825.7 | 3371.1 | 2949.7 | 2608.6 | 2302.5 | 1922.4 | 1572.5 |
| 2.5° | 10006.8 | 7153.9 | 5201.8 | 4301.2 | 3729.3 | 3351.2 | 2941.8 | 2620.2 | 2320.8 | 1928.6 | 1566.6 |
| 0° | 7481.4 | 5851.3 | 4726.7 | 4115.9 | 3638.6 | 3323.1 | 2924.7 | 2625.3 | 2333.5 | 1929.5 | 1555.9 |
| -2.5° | 6141.2 | 5220.2 | 4480.2 | 3992.6 | 3606.8 | 3252.3 | 2906.1 | 2622.7 | 2335.8 | 1928.5 | 1553.3 |
| -5° | 5378.8 | 4797.7 | 4290.7 | 3876.6 | 3561.8 | 3181.8 | 2881.7 | 2615.3 | 2332.7 | 1921.2 | 1545.9 |
| -7.5° | 4956.1 | 4525.4 | 4135.9 | 3773.6 | 3502.2 | 3124.7 | 2854.0 | 2602.7 | 2320.9 | 1906.7 | 1533.7 |
| -10° | 4694.8 | 4336.2 | 4002.5 | 3710.7 | 3410.1 | 3084.0 | 2824.4 | 2585.9 | 2300.8 | 1882.5 | 1512.0 |
| -12.5° | 4527.3 | 4185.7 | 3910.0 | 3644.9 | 3319.6 | 3057.8 | 2800.0 | 2563.6 | 2269.7 | 1851.6 | 1484.4 |
| -15° | 4393.1 | 4084.7 | 3821.6 | 3558.5 | 3267.4 | 3027.6 | 2767.6 | 2536.5 | 2212.2 | 1810.4 | 1451.9 |
| -17.5° | 4253.9 | 3956.7 | 3723.4 | 3469.1 | 3222.9 | 2992.3 | 2736.3 | 2487.9 | 2148.1 | 1758.7 | 1411.7 |
| -20° | 4122.4 | 3871.1 | 3645.8 | 3408.0 | 3179.0 | 2948.2 | 2695.8 | 2419.5 | 2079.7 | 1701.0 | 1364.4 |



REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 4057.9 | 3830.0 | 3612.5 | 3358.4 | 3135.1 | 2889.7 | 2632.7 | 2345.4 | 2010.0 | 1646.2 | 1312.1 |
| -25° | 4007.6 | 3788.6 | 3575.8 | 3332.0 | 3078.1 | 2829.3 | 2564.9 | 2277.9 | 1939.1 | 1596.3 | 1260.3 |
| -27.5° | 3950.2 | 3731.1 | 3516.8 | 3268.2 | 3015.9 | 2766.4 | 2504.7 | 2207.3 | 1873.4 | 1544.4 | 1220.0 |
| -30° | 3902.7 | 3675.2 | 3445.2 | 3177.2 | 2946.5 | 2698.8 | 2431.8 | 2129.4 | 1807.1 | 1487.1 | 1175.3 |
| -32.5° | 3864.4 | 3618.5 | 3352.8 | 3107.6 | 2865.4 | 2626.2 | 2352.1 | 2049.6 | 1737.2 | 1427.1 | 1126.1 |
| -35° | 3801.8 | 3543.6 | 3276.2 | 3028.6 | 2764.1 | 2544.7 | 2266.1 | 1966.3 | 1660.6 | 1364.7 | 1075.2 |
| -37.5° | 3692.7 | 3463.7 | 3178.9 | 2918.0 | 2676.4 | 2441.7 | 2163.0 | 1867.0 | 1577.7 | 1302.8 | 1026.8 |
| -40° | 3585.2 | 3352.4 | 3062.7 | 2802.2 | 2586.6 | 2328.8 | 2043.5 | 1760.4 | 1492.5 | 1231.8 | 977.1 |
| -42.5° | 3468.6 | 3188.2 | 2927.8 | 2685.6 | 2455.9 | 2195.1 | 1914.8 | 1648.5 | 1401.6 | 1155.3 | 922.6 |
| -45° | 3267.1 | 3012.7 | 2774.8 | 2551.8 | 2302.1 | 2043.7 | 1785.8 | 1540.1 | 1306.7 | 1073.5 | 863.0 |
| -47.5° | 3058.3 | 2822.6 | 2607.6 | 2372.5 | 2135.7 | 1889.9 | 1651.0 | 1429.5 | 1208.6 | 998.8 | 801.4 |
| -50° | 2844.8 | 2624.3 | 2409.3 | 2184.6 | 1962.0 | 1735.9 | 1516.8 | 1315.3 | 1106.9 | 917.7 | 740.2 |
| -52.5° | 2624.9 | 2403.7 | 2194.1 | 1989.1 | 1776.8 | 1575.1 | 1375.4 | 1195.8 | 1003.5 | 830.4 | 674.7 |
| -55° | 2357.4 | 2154.4 | 1951.2 | 1770.9 | 1574.6 | 1400.0 | 1230.6 | 1070.0 | 894.2 | 745.5 | 605.3 |
| -57.5° | 2066.3 | 1876.1 | 1709.1 | 1540.3 | 1381.3 | 1225.3 | 1083.2 | 940.3 | 780.7 | 659.0 | 534.5 |
| -60° | 1788.8 | 1627.3 | 1479.4 | 1339.8 | 1194.3 | 1060.9 | 938.9 | 810.8 | 677.4 | 571.6 | 460.1 |
| -62.5° | 1539.3 | 1399.0 | 1272.8 | 1149.0 | 1019.5 | 910.1 | 800.1 | 694.9 | 572.9 | 485.0 | 384.5 |
| -65° | 1318.6 | 1188.0 | 1072.5 | 965.2 | 862.5 | 771.6 | 674.9 | 579.6 | 486.4 | 400.4 | 331.4 |
| -67.5° | 1101.2 | 981.5 | 886.0 | 797.9 | 713.7 | 641.3 | 555.3 | 481.8 | 403.4 | 333.7 | 278.6 |
| -70° | 900.8 | 806.3 | 719.4 | 648.7 | 578.4 | 515.5 | 457.2 | 391.8 | 333.0 | 277.4 | 227.6 |
| -72.5° | 723.9 | 654.0 | 587.8 | 518.2 | 463.2 | 416.4 | 363.0 | 321.3 | 274.8 | 222.9 | 188.0 |
| -75° | 561.9 | 514.0 | 465.2 | 411.7 | 363.8 | 332.5 | 295.1 | 258.6 | 223.0 | 186.9 | 149.1 |
| -77.5° | 431.3 | 382.1 | 357.0 | 324.7 | 293.5 | 265.4 | 231.3 | 206.2 | 181.4 | 151.7 | 115.5 |
| -80° | 331.0 | 297.0 | 277.4 | 253.5 | 228.7 | 208.9 | 183.0 | 157.5 | 140.0 | 116.2 | 89.8 |
| -82.5° | 243.5 | 221.1 | 209.2 | 193.9 | 170.1 | 155.4 | 134.9 | 116.3 | 104.3 | 79.4 | 63.5 |
| -85° | 166.7 | 154.6 | 148.0 | 135.4 | 117.8 | 109.0 | 85.9 | 77.0 | 69.0 | 46.6 | 41.0 |
| -87.5° | 96.8 | 87.7 | 83.0 | 71.7 | 61.1 | 56.8 | 42.0 | 38.4 | 34.7 | 23.3 | 20.5 |
| -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: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

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° | 17.7 | 14.8 | 11.8 | 8.9 | 5.9 | 2.3 | 0.0 |
| 85° | 35.3 | 29.5 | 23.7 | 17.8 | 11.9 | 4.6 | 0.0 |
| 82.5° | 52.9 | 44.2 | 35.5 | 26.7 | 17.7 | 6.9 | 0.0 |
| 80° | 89.6 | 63.9 | 47.2 | 35.5 | 23.5 | 9.1 | 0.0 |
| 77.5° | 128.1 | 96.2 | 63.8 | 44.2 | 29.2 | 11.4 | 0.0 |
| 75° | 166.3 | 128.1 | 88.8 | 52.9 | 34.7 | 13.7 | 0.0 |
| 72.5° | 223.8 | 159.7 | 113.2 | 67.1 | 40.1 | 16.0 | 0.0 |
| 70° | 287.1 | 201.1 | 136.8 | 82.4 | 45.3 | 18.2 | 0.0 |
| 67.5° | 349.3 | 253.0 | 159.4 | 97.1 | 50.3 | 20.5 | 0.0 |
| 65° | 411.8 | 304.1 | 190.8 | 111.3 | 56.9 | 22.8 | 0.0 |
| 62.5° | 473.8 | 354.3 | 230.0 | 124.8 | 64.5 | 25.0 | 0.0 |
| 60° | 533.1 | 404.5 | 268.3 | 137.7 | 71.9 | 27.2 | 0.0 |
| 57.5° | 589.4 | 455.0 | 305.7 | 150.7 | 79.1 | 29.5 | 0.0 |
| 55° | 657.0 | 504.9 | 342.0 | 174.7 | 85.9 | 31.7 | 0.0 |
| 52.5° | 722.2 | 553.7 | 377.4 | 196.8 | 92.5 | 33.9 | 0.0 |
| 50° | 781.5 | 597.8 | 412.5 | 217.2 | 98.7 | 36.0 | 0.0 |
| 47.5° | 835.4 | 635.9 | 444.0 | 235.6 | 104.6 | 38.2 | 0.0 |
| 45° | 891.0 | 670.1 | 469.1 | 252.1 | 110.2 | 40.3 | 0.0 |
| 42.5° | 944.3 | 700.2 | 491.7 | 266.6 | 115.5 | 42.4 | 0.0 |
| 40° | 990.1 | 726.2 | 511.8 | 280.3 | 120.3 | 44.5 | 0.0 |
| 37.5° | 1024.2 | 748.0 | 529.2 | 293.1 | 124.9 | 46.5 | 0.0 |
| 35° | 1053.7 | 769.5 | 541.7 | 306.6 | 132.0 | 49.1 | 0.0 |
| 32.5° | 1080.6 | 790.0 | 551.5 | 319.5 | 139.4 | 51.7 | 0.0 |
| 30° | 1104.4 | 808.2 | 559.9 | 330.8 | 146.0 | 54.2 | 0.0 |
| 27.5° | 1128.9 | 824.0 | 570.5 | 340.6 | 152.8 | 56.5 | 0.0 |
| 25° | 1150.6 | 837.4 | 580.2 | 348.8 | 158.8 | 58.6 | 0.0 |
| 22.5° | 1168.2 | 849.9 | 588.3 | 355.5 | 164.1 | 60.6 | 0.0 |
| 20° | 1182.2 | 863.8 | 595.0 | 360.6 | 168.6 | 62.4 | 0.0 |
| 17.5° | 1197.5 | 875.1 | 600.1 | 365.4 | 172.4 | 64.0 | 0.0 |
| 15° | 1211.5 | 884.8 | 603.5 | 369.0 | 175.5 | 65.4 | 0.0 |
| 12.5° | 1221.4 | 892.7 | 607.4 | 371.1 | 177.9 | 66.7 | 0.0 |
| 10° | 1227.5 | 899.5 | 610.5 | 371.8 | 179.6 | 67.8 | 0.0 |
| 7.5° | 1231.5 | 905.0 | 611.9 | 371.0 | 180.6 | 68.7 | 0.0 |
| 5° | 1232.0 | 907.3 | 611.6 | 368.8 | 181.0 | 69.4 | 0.0 |
| 2.5° | 1228.3 | 906.5 | 609.5 | 365.4 | 180.7 | 70.0 | 0.0 |
| 0° | 1220.6 | 902.6 | 605.5 | 360.8 | 179.8 | 70.5 | 0.0 |
| -2.5° | 1216.7 | 900.1 | 604.3 | 359.8 | 179.5 | 70.4 | 0.0 |
| -5° | 1209.0 | 894.6 | 601.1 | 357.7 | 178.5 | 70.2 | 0.0 |
| -7.5° | 1197.3 | 886.2 | 596.0 | 354.4 | 177.0 | 69.8 | 0.0 |
| -10° | 1181.3 | 875.1 | 588.8 | 350.1 | 174.9 | 69.3 | 0.0 |
| -12.5° | 1160.9 | 860.3 | 579.7 | 344.7 | 172.2 | 68.6 | 0.0 |
| -15° | 1137.6 | 841.3 | 568.4 | 338.2 | 169.0 | 67.8 | 0.0 |
| -17.5° | 1111.5 | 820.1 | 555.1 | 330.6 | 165.2 | 66.8 | 0.0 |
| -20° | 1079.2 | 797.2 | 539.7 | 322.0 | 160.9 | 65.7 | 0.0 |



REPORT NUMBER: P902092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-AV-03-1360S-57-85-A55-NB-LT

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|-------|-------|-------|-------|-------|-----|
| -22.5° | 1038.4 | 772.3 | 522.5 | 312.3 | 156.0 | 64.4 | 0.0 |
| -25° | 996.3 | 745.1 | 503.3 | 301.7 | 150.6 | 63.0 | 0.0 |
| -27.5° | 953.1 | 716.4 | 482.3 | 290.1 | 144.6 | 61.5 | 0.0 |
| -30° | 911.0 | 686.3 | 459.6 | 277.6 | 138.2 | 59.8 | 0.0 |
| -32.5° | 873.2 | 655.2 | 436.8 | 264.3 | 131.3 | 58.0 | 0.0 |
| -35° | 832.1 | 623.2 | 412.6 | 250.1 | 123.8 | 56.1 | 0.0 |
| -37.5° | 789.8 | 590.2 | 389.2 | 236.1 | 117.0 | 54.1 | 0.0 |
| -40° | 748.0 | 555.7 | 369.0 | 223.5 | 112.6 | 52.3 | 0.0 |
| -42.5° | 705.8 | 519.3 | 347.3 | 210.4 | 108.1 | 50.3 | 0.0 |
| -45° | 662.7 | 481.3 | 324.3 | 196.8 | 103.3 | 48.3 | 0.0 |
| -47.5° | 616.9 | 441.5 | 299.9 | 182.5 | 98.3 | 46.1 | 0.0 |
| -50° | 569.7 | 400.3 | 274.8 | 167.6 | 93.1 | 43.9 | 0.0 |
| -52.5° | 520.4 | 369.2 | 249.3 | 152.1 | 87.7 | 41.5 | 0.0 |
| -55° | 469.0 | 337.5 | 227.4 | 136.0 | 82.1 | 39.1 | 0.0 |
| -57.5° | 412.2 | 303.3 | 205.3 | 119.4 | 76.3 | 36.7 | 0.0 |
| -60° | 362.1 | 266.7 | 182.2 | 109.9 | 70.4 | 34.1 | 0.0 |
| -62.5° | 312.5 | 231.7 | 158.1 | 100.8 | 64.3 | 31.5 | 0.0 |
| -65° | 263.4 | 199.2 | 133.0 | 91.5 | 58.1 | 28.8 | 0.0 |
| -67.5° | 221.0 | 166.8 | 113.3 | 82.0 | 52.2 | 26.1 | 0.0 |
| -70° | 183.9 | 134.2 | 100.3 | 72.3 | 46.6 | 23.3 | 0.0 |
| -72.5° | 146.3 | 110.0 | 86.9 | 62.5 | 41.0 | 20.5 | 0.0 |
| -75° | 113.1 | 93.3 | 73.4 | 52.9 | 35.3 | 17.7 | 0.0 |
| -77.5° | 93.1 | 76.4 | 59.6 | 44.2 | 29.5 | 14.8 | 0.0 |
| -80° | 72.9 | 59.5 | 47.2 | 35.5 | 23.7 | 11.8 | 0.0 |
| -82.5° | 52.9 | 44.2 | 35.5 | 26.7 | 17.8 | 8.9 | 0.0 |
| -85° | 35.3 | 29.5 | 23.7 | 17.8 | 11.9 | 5.9 | 0.0 |
| -87.5° | 17.7 | 14.8 | 11.8 | 8.9 | 5.9 | 3.0 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)