

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: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-57-80-7F-HEG-A**

Issue Date: 2/3/2026

Test Information

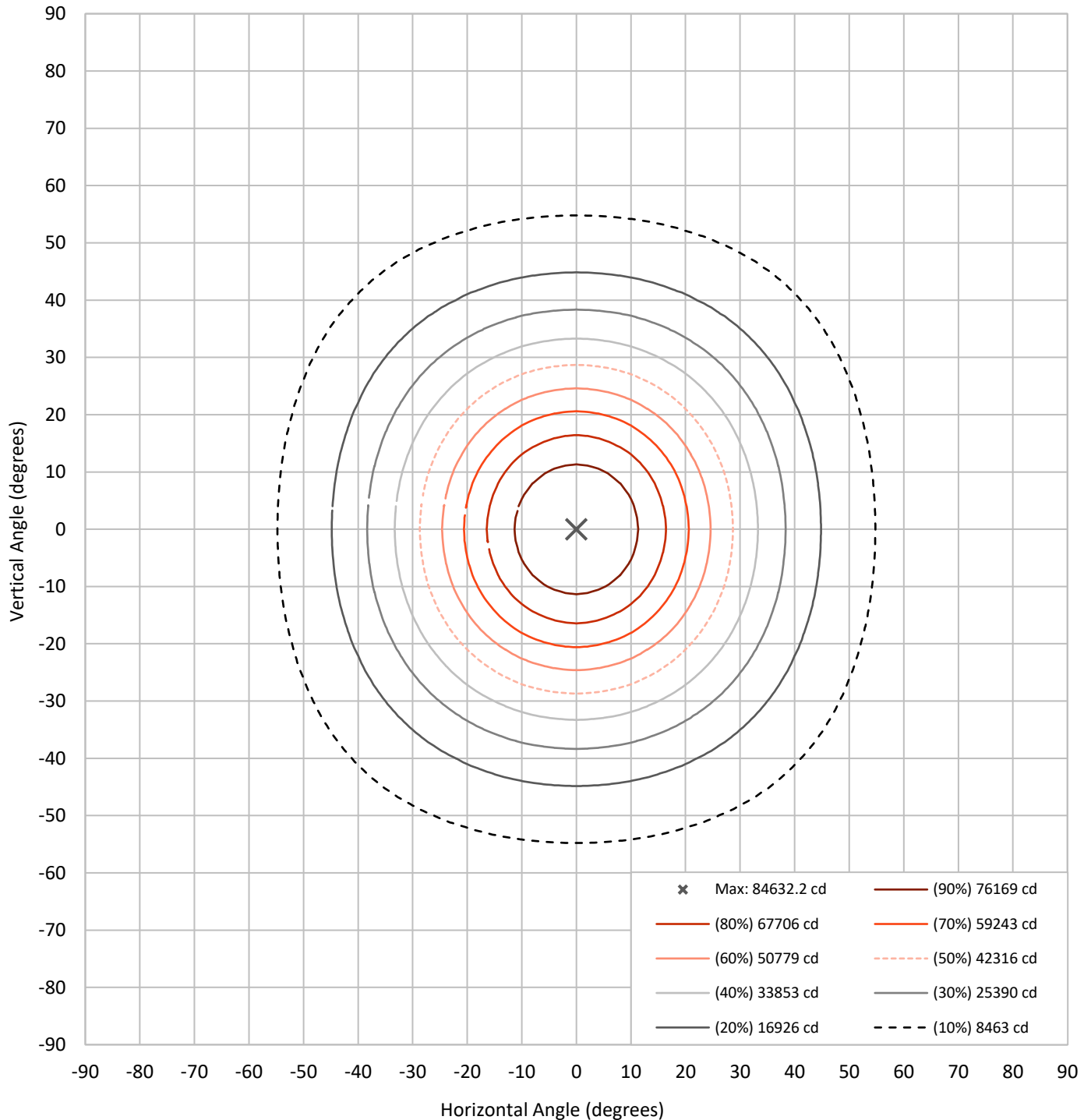
Test Method: LM-79-08
Report Number: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-7)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-57-80-7F-HEG-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 7F BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 6H x 6V |
| Luminaire Lumens: | 95490.9 lumens | Max Intensity: | 84632.2 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 138.8 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 57.4°H x 57.4°V | Field Angle (10%): | 109.4°H x 109.4°V |
| Beam Lumens: | 47029.2 lumens | Field Lumens: | 86630.8 lumens |
| Beam Efficiency: | 49.2% | Field Efficiency: | 90.7% |
| Input Watts (W): | 688 | | |
| Input Voltage (V): | NR | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |

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CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

Iso-Candela Plot





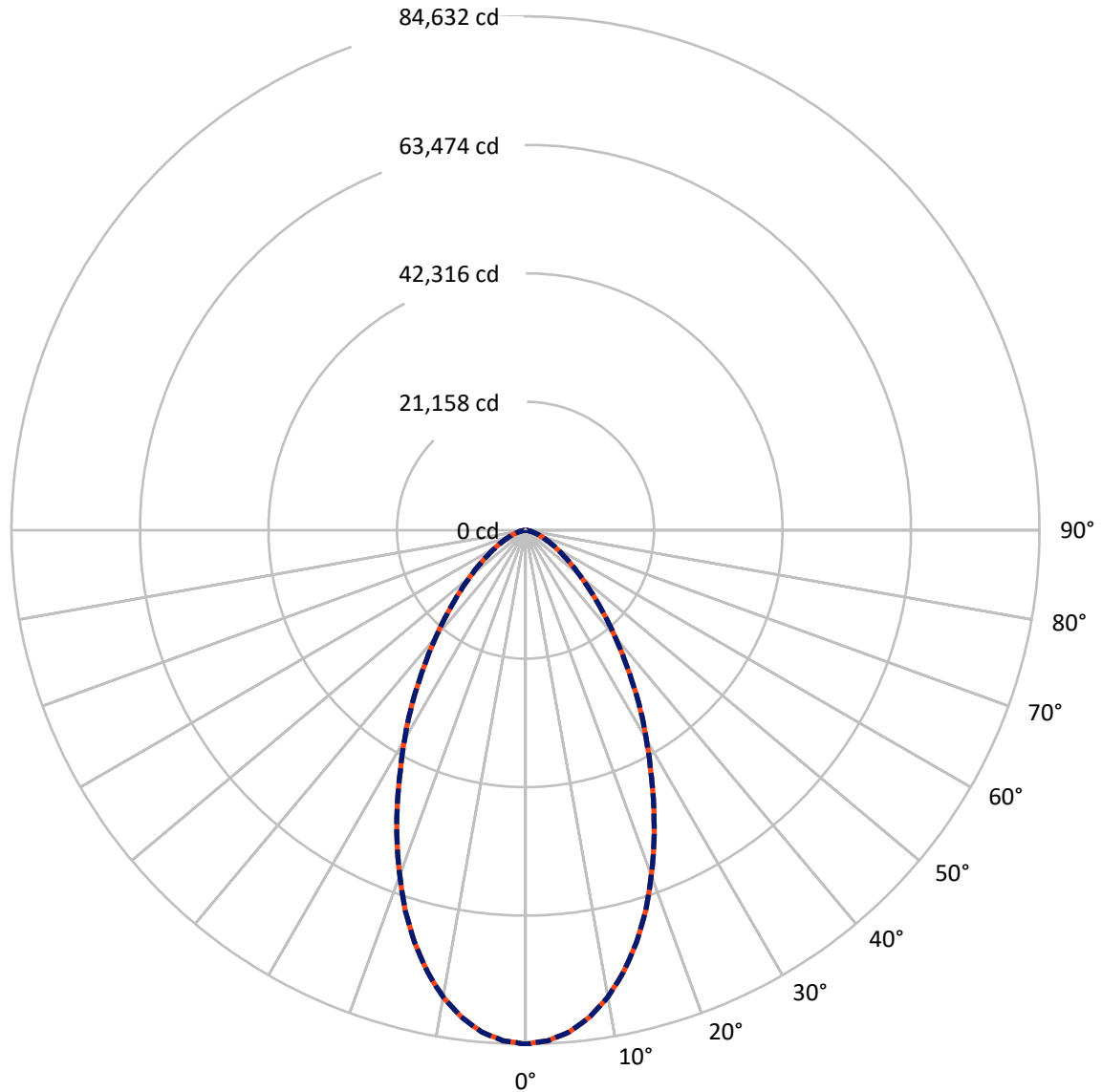
REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|------|------|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 1.1 | 12.9 | | 43.8 | | 80.2 | | 96.1 | | 80.2 | | 43.8 | | 12.9 | | 1.1 | | | |
| 70 | 6.2 | 8.4 | 21.1 | 39.9 | 62.8 | 86.2 | 105.8 | 116.7 | 116.7 | 105.8 | 86.2 | 62.8 | 39.9 | 21.1 | 8.4 | 6.2 | | | |
| 60 | | 15.7 | 39.6 | 76.0 | 123.6 | 176.8 | 224.8 | 253.1 | 253.1 | 224.8 | 176.8 | 123.6 | 76.0 | 39.6 | 15.7 | | | | |
| 50 | 14.5 | 24.3 | 62.0 | 124.7 | 216.3 | 328.8 | 437.0 | 504.3 | 504.3 | 437.0 | 328.8 | 216.3 | 124.7 | 62.0 | 24.3 | 14.5 | | | |
| 40 | | 33.0 | 87.3 | 187.4 | 348.2 | 561.6 | 778.8 | 918.8 | 918.8 | 778.8 | 561.6 | 348.2 | 187.4 | 87.3 | 33.0 | | | | |
| 30 | 21.9 | 41.1 | 113.2 | 258.1 | 508.9 | 861.5 | 1230.2 | 1475.9 | 1475.9 | 1230.2 | 861.5 | 508.9 | 258.1 | 113.2 | 41.1 | 21.9 | | | |
| 20 | | 47.4 | 135.2 | 322.4 | 663.3 | 1156.2 | 1697.5 | 2062.5 | 2062.5 | 1697.5 | 1156.2 | 663.3 | 322.4 | 135.2 | 47.4 | | | | |
| 10 | 24.8 | 50.7 | 147.8 | 361.1 | 759.4 | 1346.2 | 2001.4 | 2428.3 | 2428.3 | 2001.4 | 1346.2 | 759.4 | 361.1 | 147.8 | 50.7 | 24.8 | | | |
| 0 | | 50.7 | 147.8 | 361.1 | 759.4 | 1346.2 | 2001.4 | 2428.3 | 2428.3 | 2001.4 | 1346.2 | 759.4 | 361.1 | 147.8 | 50.7 | | | | |
| -10 | 21.9 | 47.4 | 135.2 | 322.4 | 663.3 | 1156.2 | 1697.5 | 2062.5 | 2062.5 | 1697.5 | 1156.2 | 663.3 | 322.4 | 135.2 | 47.4 | 21.9 | | | |
| -20 | | 41.1 | 113.2 | 258.1 | 508.9 | 861.5 | 1230.2 | 1475.9 | 1475.9 | 1230.2 | 861.5 | 508.9 | 258.1 | 113.2 | 41.1 | | | | |
| -30 | 14.5 | 33.0 | 87.3 | 187.4 | 348.2 | 561.6 | 778.8 | 918.8 | 918.8 | 778.8 | 561.6 | 348.2 | 187.4 | 87.3 | 33.0 | 14.5 | | | |
| -40 | | 24.3 | 62.0 | 124.7 | 216.3 | 328.8 | 437.0 | 504.3 | 504.3 | 437.0 | 328.8 | 216.3 | 124.7 | 62.0 | 24.3 | | | | |
| -50 | 6.2 | 15.7 | 39.6 | 76.0 | 123.6 | 176.8 | 224.8 | 253.1 | 253.1 | 224.8 | 176.8 | 123.6 | 76.0 | 39.6 | 15.7 | 6.2 | | | |
| -60 | | 8.4 | 21.1 | 39.9 | 62.8 | 86.2 | 105.8 | 116.7 | 116.7 | 105.8 | 86.2 | 62.8 | 39.9 | 21.1 | 8.4 | | | | |
| -70 | | | | | | | | | | | | | | | | | | | |
| -80 | 1.1 | 12.9 | | 43.8 | | 80.2 | | 96.1 | | 80.2 | | 43.8 | | 12.9 | | 1.1 | | | |
| -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-08-680R-57-80-7F-HEG-A

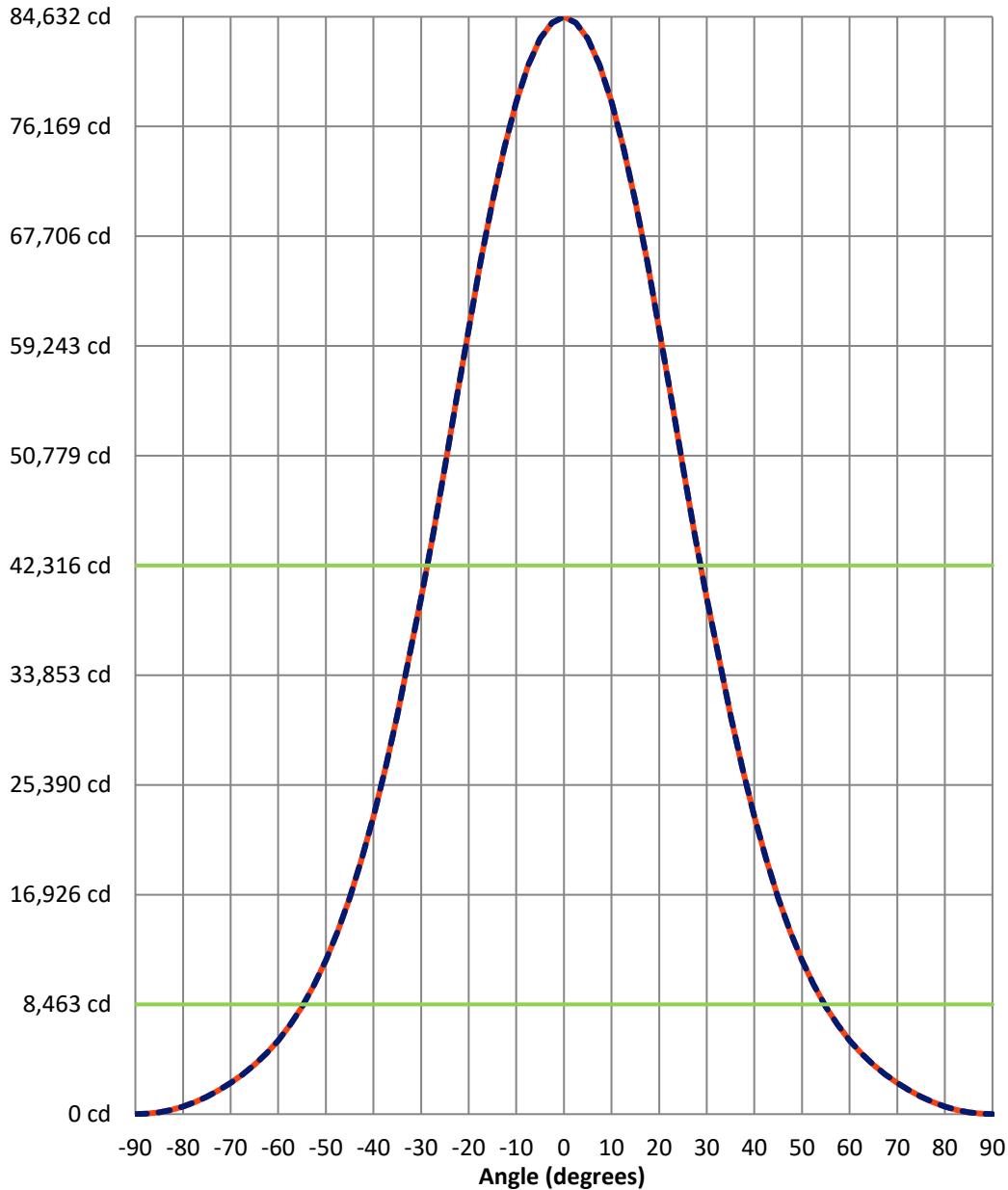
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 57.4°
 V Angle: 57.4°
 Lumens: 47029.2
 Efficiency: 49.2%

Field:
 H Angle: 109.4°
 V Angle: 109.4°
 Lumens: 86630.8
 Efficiency: 90.7%

Spill:
 Lumens: 8860.1
 Efficiency: 9.3%

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



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

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 | 1.9 | 3.7 | 5.6 | 7.5 | 9.3 | 11.1 | 12.9 | 14.7 | 16.5 | 18.2 |
| 85° | 0.0 | 3.7 | 7.5 | 11.2 | 14.9 | 18.6 | 22.2 | 25.8 | 29.4 | 32.9 | 36.3 |
| 82.5° | 0.0 | 5.6 | 11.2 | 16.8 | 22.3 | 27.8 | 33.3 | 38.7 | 45.3 | 57.2 | 69.0 |
| 80° | 0.0 | 7.5 | 14.9 | 22.3 | 29.7 | 37.0 | 46.0 | 62.4 | 78.5 | 94.4 | 110.0 |
| 77.5° | 0.0 | 9.3 | 18.6 | 27.8 | 37.0 | 50.3 | 70.9 | 91.3 | 111.5 | 131.3 | 158.9 |
| 75° | 0.0 | 11.1 | 22.2 | 33.3 | 46.0 | 70.9 | 95.6 | 120.1 | 146.7 | 190.1 | 232.7 |
| 72.5° | 0.0 | 12.9 | 25.8 | 38.7 | 62.4 | 91.3 | 120.1 | 154.6 | 205.8 | 256.2 | 305.9 |
| 70° | 0.0 | 14.7 | 29.4 | 45.3 | 78.5 | 111.5 | 146.7 | 205.8 | 264.1 | 322.3 | 406.1 |
| 67.5° | 0.0 | 16.5 | 32.9 | 57.2 | 94.4 | 131.3 | 190.1 | 256.2 | 322.3 | 417.8 | 511.7 |
| 65° | 0.0 | 18.2 | 36.3 | 69.0 | 110.0 | 158.9 | 232.7 | 305.9 | 406.1 | 511.7 | 624.5 |
| 62.5° | 0.0 | 19.9 | 39.7 | 80.5 | 125.4 | 193.8 | 274.5 | 371.1 | 488.3 | 609.4 | 756.0 |
| 60° | 0.0 | 21.5 | 43.0 | 91.7 | 140.4 | 227.9 | 315.5 | 441.8 | 568.9 | 725.8 | 885.0 |
| 57.5° | 0.0 | 23.1 | 50.2 | 102.7 | 166.4 | 261.3 | 372.4 | 510.8 | 665.5 | 839.5 | 1030.1 |
| 55° | 0.0 | 24.7 | 57.3 | 113.4 | 192.4 | 293.7 | 430.1 | 578.0 | 764.2 | 955.9 | 1180.6 |
| 52.5° | 0.0 | 26.2 | 64.2 | 123.7 | 217.6 | 327.7 | 486.1 | 659.9 | 860.2 | 1087.9 | 1327.2 |
| 50° | 0.0 | 27.6 | 70.9 | 133.8 | 242.0 | 372.8 | 540.3 | 741.3 | 959.3 | 1215.9 | 1494.8 |
| 47.5° | 0.0 | 29.0 | 77.4 | 145.3 | 265.5 | 416.4 | 594.8 | 819.9 | 1069.2 | 1339.7 | 1659.9 |
| 45° | 0.0 | 30.4 | 83.5 | 162.3 | 288.1 | 458.3 | 659.5 | 895.5 | 1175.1 | 1482.2 | 1819.3 |
| 42.5° | 0.0 | 31.7 | 89.5 | 178.5 | 309.8 | 498.5 | 721.6 | 977.5 | 1276.8 | 1619.7 | 1990.5 |
| 40° | 0.0 | 32.9 | 95.1 | 194.0 | 335.4 | 536.8 | 780.9 | 1062.3 | 1380.2 | 1751.2 | 2157.4 |
| 37.5° | 0.0 | 34.1 | 100.5 | 208.7 | 364.5 | 573.3 | 837.3 | 1142.9 | 1491.1 | 1881.3 | 2316.5 |
| 35° | 0.0 | 35.2 | 105.6 | 222.6 | 392.0 | 614.1 | 890.6 | 1219.2 | 1596.1 | 2016.4 | 2475.4 |
| 32.5° | 0.0 | 36.3 | 110.3 | 235.6 | 417.8 | 655.8 | 944.1 | 1291.1 | 1695.1 | 2143.7 | 2637.2 |
| 30° | 0.0 | 37.2 | 114.8 | 247.8 | 442.0 | 694.7 | 1001.4 | 1361.5 | 1787.7 | 2263.1 | 2788.9 |
| 27.5° | 0.0 | 38.1 | 118.9 | 259.1 | 464.4 | 730.9 | 1054.6 | 1436.3 | 1878.2 | 2374.0 | 2930.2 |
| 25° | 0.0 | 39.0 | 122.7 | 269.5 | 485.0 | 764.1 | 1103.6 | 1505.2 | 1968.4 | 2485.5 | 3061.4 |
| 22.5° | 0.0 | 39.7 | 126.1 | 279.0 | 503.7 | 794.4 | 1148.3 | 1568.1 | 2050.8 | 2591.7 | 3200.2 |
| 20° | 0.0 | 40.4 | 129.2 | 287.5 | 520.7 | 821.7 | 1188.6 | 1624.8 | 2125.1 | 2687.5 | 3325.6 |
| 17.5° | 0.0 | 41.0 | 132.0 | 295.1 | 535.7 | 845.9 | 1224.3 | 1675.1 | 2191.1 | 2772.6 | 3437.1 |
| 15° | 0.0 | 41.5 | 134.4 | 301.7 | 548.7 | 867.0 | 1255.5 | 1719.0 | 2248.6 | 2846.9 | 3534.4 |
| 12.5° | 0.0 | 42.0 | 136.4 | 307.3 | 559.8 | 885.0 | 1281.9 | 1756.3 | 2297.6 | 2910.2 | 3617.2 |
| 10° | 0.0 | 42.3 | 138.1 | 311.9 | 568.9 | 899.7 | 1303.7 | 1786.9 | 2337.8 | 2962.1 | 3685.4 |
| 7.5° | 0.0 | 42.6 | 139.4 | 315.5 | 576.0 | 911.2 | 1320.6 | 1810.9 | 2369.2 | 3002.7 | 3738.6 |
| 5° | 0.0 | 42.8 | 140.4 | 318.0 | 581.1 | 919.4 | 1332.8 | 1828.0 | 2391.7 | 3031.8 | 3776.7 |
| 2.5° | 0.0 | 43.0 | 140.9 | 319.6 | 584.2 | 924.4 | 1340.1 | 1838.3 | 2405.2 | 3049.3 | 3799.6 |
| 0° | 0.0 | 43.0 | 141.1 | 320.1 | 585.2 | 926.0 | 1342.5 | 1841.7 | 2409.7 | 3055.1 | 3807.3 |
| -2.5° | 0.0 | 43.0 | 140.9 | 319.6 | 584.2 | 924.4 | 1340.1 | 1838.3 | 2405.2 | 3049.3 | 3799.6 |
| -5° | 0.0 | 42.8 | 140.4 | 318.0 | 581.1 | 919.4 | 1332.8 | 1828.0 | 2391.7 | 3031.8 | 3776.7 |
| -7.5° | 0.0 | 42.6 | 139.4 | 315.5 | 576.0 | 911.2 | 1320.6 | 1810.9 | 2369.2 | 3002.7 | 3738.6 |
| -10° | 0.0 | 42.3 | 138.1 | 311.9 | 568.9 | 899.7 | 1303.7 | 1786.9 | 2337.8 | 2962.1 | 3685.4 |
| -12.5° | 0.0 | 42.0 | 136.4 | 307.3 | 559.8 | 885.0 | 1281.9 | 1756.3 | 2297.6 | 2910.2 | 3617.2 |
| -15° | 0.0 | 41.5 | 134.4 | 301.7 | 548.7 | 867.0 | 1255.5 | 1719.0 | 2248.6 | 2846.9 | 3534.4 |
| -17.5° | 0.0 | 41.0 | 132.0 | 295.1 | 535.7 | 845.9 | 1224.3 | 1675.1 | 2191.1 | 2772.6 | 3437.1 |
| -20° | 0.0 | 40.4 | 129.2 | 287.5 | 520.7 | 821.7 | 1188.6 | 1624.8 | 2125.1 | 2687.5 | 3325.6 |



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 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| -22.5° | 0.0 | 39.7 | 126.1 | 279.0 | 503.7 | 794.4 | 1148.3 | 1568.1 | 2050.8 | 2591.7 | 3200.2 |
| -25° | 0.0 | 39.0 | 122.7 | 269.5 | 485.0 | 764.1 | 1103.6 | 1505.2 | 1968.4 | 2485.5 | 3061.4 |
| -27.5° | 0.0 | 38.1 | 118.9 | 259.1 | 464.4 | 730.9 | 1054.6 | 1436.3 | 1878.2 | 2374.0 | 2930.2 |
| -30° | 0.0 | 37.2 | 114.8 | 247.8 | 442.0 | 694.7 | 1001.4 | 1361.5 | 1787.7 | 2263.1 | 2788.9 |
| -32.5° | 0.0 | 36.3 | 110.3 | 235.6 | 417.8 | 655.8 | 944.1 | 1291.1 | 1695.1 | 2143.7 | 2637.2 |
| -35° | 0.0 | 35.2 | 105.6 | 222.6 | 392.0 | 614.1 | 890.6 | 1219.2 | 1596.1 | 2016.4 | 2475.4 |
| -37.5° | 0.0 | 34.1 | 100.5 | 208.7 | 364.5 | 573.3 | 837.3 | 1142.9 | 1491.1 | 1881.3 | 2316.5 |
| -40° | 0.0 | 32.9 | 95.1 | 194.0 | 335.4 | 536.8 | 780.9 | 1062.3 | 1380.2 | 1751.2 | 2157.4 |
| -42.5° | 0.0 | 31.7 | 89.5 | 178.5 | 309.8 | 498.5 | 721.6 | 977.5 | 1276.8 | 1619.7 | 1990.5 |
| -45° | 0.0 | 30.4 | 83.5 | 162.3 | 288.1 | 458.3 | 659.5 | 895.5 | 1175.1 | 1482.2 | 1819.3 |
| -47.5° | 0.0 | 29.0 | 77.4 | 145.3 | 265.5 | 416.4 | 594.8 | 819.9 | 1069.2 | 1339.7 | 1659.9 |
| -50° | 0.0 | 27.6 | 70.9 | 133.8 | 242.0 | 372.8 | 540.3 | 741.3 | 959.3 | 1215.9 | 1494.8 |
| -52.5° | 0.0 | 26.2 | 64.2 | 123.7 | 217.6 | 327.7 | 486.1 | 659.9 | 860.2 | 1087.9 | 1327.2 |
| -55° | 0.0 | 24.7 | 57.3 | 113.4 | 192.4 | 293.7 | 430.1 | 578.0 | 764.2 | 955.9 | 1180.6 |
| -57.5° | 0.0 | 23.1 | 50.2 | 102.7 | 166.4 | 261.3 | 372.4 | 510.8 | 665.5 | 839.5 | 1030.1 |
| -60° | 0.0 | 21.5 | 43.0 | 91.7 | 140.4 | 227.9 | 315.5 | 441.8 | 568.9 | 725.8 | 885.0 |
| -62.5° | 0.0 | 19.9 | 39.7 | 80.5 | 125.4 | 193.8 | 274.5 | 371.1 | 488.3 | 609.4 | 756.0 |
| -65° | 0.0 | 18.2 | 36.3 | 69.0 | 110.0 | 158.9 | 232.7 | 305.9 | 406.1 | 511.7 | 624.5 |
| -67.5° | 0.0 | 16.5 | 32.9 | 57.2 | 94.4 | 131.3 | 190.1 | 256.2 | 322.3 | 417.8 | 511.7 |
| -70° | 0.0 | 14.7 | 29.4 | 45.3 | 78.5 | 111.5 | 146.7 | 205.8 | 264.1 | 322.3 | 406.1 |
| -72.5° | 0.0 | 12.9 | 25.8 | 38.7 | 62.4 | 91.3 | 120.1 | 154.6 | 205.8 | 256.2 | 305.9 |
| -75° | 0.0 | 11.1 | 22.2 | 33.3 | 46.0 | 70.9 | 95.6 | 120.1 | 146.7 | 190.1 | 232.7 |
| -77.5° | 0.0 | 9.3 | 18.6 | 27.8 | 37.0 | 50.3 | 70.9 | 91.3 | 111.5 | 131.3 | 158.9 |
| -80° | 0.0 | 7.5 | 14.9 | 22.3 | 29.7 | 37.0 | 46.0 | 62.4 | 78.5 | 94.4 | 110.0 |
| -82.5° | 0.0 | 5.6 | 11.2 | 16.8 | 22.3 | 27.8 | 33.3 | 38.7 | 45.3 | 57.2 | 69.0 |
| -85° | 0.0 | 3.7 | 7.5 | 11.2 | 14.9 | 18.6 | 22.2 | 25.8 | 29.4 | 32.9 | 36.3 |
| -87.5° | 0.0 | 1.9 | 3.7 | 5.6 | 7.5 | 9.3 | 11.1 | 12.9 | 14.7 | 16.5 | 18.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 19.9 | 21.5 | 23.1 | 24.7 | 26.2 | 27.6 | 29.0 | 30.4 | 31.7 | 32.9 | 34.1 |
| 85° | 39.7 | 43.0 | 50.2 | 57.3 | 64.2 | 70.9 | 77.4 | 83.5 | 89.5 | 95.1 | 100.5 |
| 82.5° | 80.5 | 91.7 | 102.7 | 113.4 | 123.7 | 133.8 | 145.3 | 162.3 | 178.5 | 194.0 | 208.7 |
| 80° | 125.4 | 140.4 | 166.4 | 192.4 | 217.6 | 242.0 | 265.5 | 288.1 | 309.8 | 335.4 | 364.5 |
| 77.5° | 193.8 | 227.9 | 261.3 | 293.7 | 327.7 | 372.8 | 416.4 | 458.3 | 498.5 | 536.8 | 573.3 |
| 75° | 274.5 | 315.5 | 372.4 | 430.1 | 486.1 | 540.3 | 594.8 | 659.5 | 721.6 | 780.9 | 837.3 |
| 72.5° | 371.1 | 441.8 | 510.8 | 578.0 | 659.9 | 741.3 | 819.9 | 895.5 | 977.5 | 1062.3 | 1142.9 |
| 70° | 488.3 | 568.9 | 665.5 | 764.2 | 860.2 | 959.3 | 1069.2 | 1175.1 | 1276.8 | 1380.2 | 1491.1 |
| 67.5° | 609.4 | 725.8 | 839.5 | 955.9 | 1087.9 | 1215.9 | 1339.7 | 1482.2 | 1619.7 | 1751.2 | 1881.3 |
| 65° | 756.0 | 885.0 | 1030.1 | 1180.6 | 1327.2 | 1494.8 | 1659.9 | 1819.3 | 1990.5 | 2157.4 | 2316.5 |
| 62.5° | 900.2 | 1067.4 | 1236.7 | 1414.0 | 1607.2 | 1795.0 | 1995.5 | 2195.4 | 2387.8 | 2594.3 | 2794.2 |
| 60° | 1067.4 | 1255.5 | 1459.1 | 1675.1 | 1891.9 | 2125.1 | 2351.2 | 2591.7 | 2830.9 | 3061.4 | 3317.0 |
| 57.5° | 1236.7 | 1459.1 | 1697.8 | 1943.9 | 2203.4 | 2462.5 | 2741.2 | 3011.0 | 3306.9 | 3598.2 | 3887.6 |
| 55° | 1414.0 | 1675.1 | 1943.9 | 2229.6 | 2522.4 | 2831.7 | 3145.1 | 3484.6 | 3813.2 | 4177.4 | 4526.2 |
| 52.5° | 1607.2 | 1891.9 | 2203.4 | 2522.4 | 2862.0 | 3216.3 | 3592.1 | 3980.0 | 4387.3 | 4795.2 | 5228.1 |
| 50° | 1795.0 | 2125.1 | 2462.5 | 2831.7 | 3216.3 | 3628.1 | 4064.0 | 4514.4 | 4991.9 | 5476.0 | 5997.8 |
| 47.5° | 1995.5 | 2351.2 | 2741.2 | 3145.1 | 3592.1 | 4064.0 | 4557.0 | 5090.9 | 5626.2 | 6243.6 | 6848.1 |
| 45° | 2195.4 | 2591.7 | 3011.0 | 3484.6 | 3980.0 | 4514.4 | 5090.9 | 5676.5 | 6367.5 | 7056.8 | 7792.8 |
| 42.5° | 2387.8 | 2830.9 | 3306.9 | 3813.2 | 4387.3 | 4991.9 | 5626.2 | 6367.5 | 7128.8 | 7939.0 | 8812.5 |
| 40° | 2594.3 | 3061.4 | 3598.2 | 4177.4 | 4795.2 | 5476.0 | 6243.6 | 7056.8 | 7939.0 | 8902.6 | 9902.7 |
| 37.5° | 2794.2 | 3317.0 | 3887.6 | 4526.2 | 5228.1 | 5997.8 | 6848.1 | 7792.8 | 8812.5 | 9902.7 | 11104.2 |
| 35° | 2984.1 | 3560.0 | 4193.9 | 4886.1 | 5641.3 | 6537.8 | 7502.8 | 8544.1 | 9719.5 | 10997.0 | 12341.3 |
| 32.5° | 3181.3 | 3789.8 | 4483.9 | 5248.7 | 6110.1 | 7073.7 | 8132.1 | 9356.4 | 10677.5 | 12084.9 | 13655.3 |
| 30° | 3377.4 | 4036.4 | 4768.7 | 5590.1 | 6559.5 | 7627.3 | 8820.0 | 10151.7 | 11619.4 | 13263.2 | 15025.8 |
| 27.5° | 3560.0 | 4268.9 | 5061.6 | 5959.3 | 6992.7 | 8146.5 | 9494.6 | 10980.4 | 12618.7 | 14416.5 | 16386.7 |
| 25° | 3728.8 | 4483.9 | 5332.8 | 6318.7 | 7438.4 | 8701.2 | 10147.3 | 11753.7 | 13592.6 | 15611.2 | 17828.5 |
| 22.5° | 3894.9 | 4681.3 | 5581.3 | 6648.5 | 7848.0 | 9236.7 | 10809.2 | 12571.8 | 14550.0 | 16728.4 | 19212.7 |
| 20° | 4056.0 | 4886.1 | 5834.2 | 6955.2 | 8219.6 | 9723.4 | 11411.8 | 13335.2 | 15492.4 | 17909.5 | 20573.4 |
| 17.5° | 4199.4 | 5068.6 | 6077.9 | 7259.8 | 8608.0 | 10188.6 | 11967.0 | 14020.8 | 16340.5 | 18975.0 | 21845.8 |
| 15° | 4324.7 | 5228.1 | 6291.2 | 7526.5 | 8959.2 | 10625.6 | 12523.5 | 14699.2 | 17157.2 | 19945.7 | 22978.2 |
| 12.5° | 4431.4 | 5364.0 | 6473.1 | 7754.2 | 9259.3 | 10999.5 | 13000.3 | 15291.6 | 17905.0 | 20843.3 | 24076.8 |
| 10° | 4519.2 | 5476.0 | 6622.9 | 7941.9 | 9506.9 | 11308.4 | 13394.6 | 15782.2 | 18525.2 | 21589.0 | 24991.6 |
| 7.5° | 4587.8 | 5563.4 | 6740.1 | 8088.8 | 9700.8 | 11550.4 | 13703.9 | 16167.5 | 19013.0 | 22176.4 | 25713.6 |
| 5° | 4637.0 | 5626.2 | 6824.1 | 8194.3 | 9840.1 | 11724.4 | 13926.3 | 16444.8 | 19364.4 | 22600.1 | 26235.1 |
| 2.5° | 4666.5 | 5663.9 | 6874.7 | 8257.7 | 9923.9 | 11829.1 | 14060.3 | 16612.0 | 19576.4 | 22856.0 | 26550.4 |
| 0° | 4676.4 | 5676.5 | 6891.6 | 8278.9 | 9951.9 | 11864.1 | 14105.1 | 16667.9 | 19647.3 | 22941.6 | 26655.9 |
| -2.5° | 4666.5 | 5663.9 | 6874.7 | 8257.7 | 9923.9 | 11829.1 | 14060.3 | 16612.0 | 19576.4 | 22856.0 | 26550.4 |
| -5° | 4637.0 | 5626.2 | 6824.1 | 8194.3 | 9840.1 | 11724.4 | 13926.3 | 16444.8 | 19364.4 | 22600.1 | 26235.1 |
| -7.5° | 4587.8 | 5563.4 | 6740.1 | 8088.8 | 9700.8 | 11550.4 | 13703.9 | 16167.5 | 19013.0 | 22176.4 | 25713.6 |
| -10° | 4519.2 | 5476.0 | 6622.9 | 7941.9 | 9506.9 | 11308.4 | 13394.6 | 15782.2 | 18525.2 | 21589.0 | 24991.6 |
| -12.5° | 4431.4 | 5364.0 | 6473.1 | 7754.2 | 9259.3 | 10999.5 | 13000.3 | 15291.6 | 17905.0 | 20843.3 | 24076.8 |
| -15° | 4324.7 | 5228.1 | 6291.2 | 7526.5 | 8959.2 | 10625.6 | 12523.5 | 14699.2 | 17157.2 | 19945.7 | 22978.2 |
| -17.5° | 4199.4 | 5068.6 | 6077.9 | 7259.8 | 8608.0 | 10188.6 | 11967.0 | 14020.8 | 16340.5 | 18975.0 | 21845.8 |
| -20° | 4056.0 | 4886.1 | 5834.2 | 6955.2 | 8219.6 | 9723.4 | 11411.8 | 13335.2 | 15492.4 | 17909.5 | 20573.4 |



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| -22.5° | 3894.9 | 4681.3 | 5581.3 | 6648.5 | 7848.0 | 9236.7 | 10809.2 | 12571.8 | 14550.0 | 16728.4 | 19212.7 |
| -25° | 3728.8 | 4483.9 | 5332.8 | 6318.7 | 7438.4 | 8701.2 | 10147.3 | 11753.7 | 13592.6 | 15611.2 | 17828.5 |
| -27.5° | 3560.0 | 4268.9 | 5061.6 | 5959.3 | 6992.7 | 8146.5 | 9494.6 | 10980.4 | 12618.7 | 14416.5 | 16386.7 |
| -30° | 3377.4 | 4036.4 | 4768.7 | 5590.1 | 6559.5 | 7627.3 | 8820.0 | 10151.7 | 11619.4 | 13263.2 | 15025.8 |
| -32.5° | 3181.3 | 3789.8 | 4483.9 | 5248.7 | 6110.1 | 7073.7 | 8132.1 | 9356.4 | 10677.5 | 12084.9 | 13655.3 |
| -35° | 2984.1 | 3560.0 | 4193.9 | 4886.1 | 5641.3 | 6537.8 | 7502.8 | 8544.1 | 9719.5 | 10997.0 | 12341.3 |
| -37.5° | 2794.2 | 3317.0 | 3887.6 | 4526.2 | 5228.1 | 5997.8 | 6848.1 | 7792.8 | 8812.5 | 9902.7 | 11104.2 |
| -40° | 2594.3 | 3061.4 | 3598.2 | 4177.4 | 4795.2 | 5476.0 | 6243.6 | 7056.8 | 7939.0 | 8902.6 | 9902.7 |
| -42.5° | 2387.8 | 2830.9 | 3306.9 | 3813.2 | 4387.3 | 4991.9 | 5626.2 | 6367.5 | 7128.8 | 7939.0 | 8812.5 |
| -45° | 2195.4 | 2591.7 | 3011.0 | 3484.6 | 3980.0 | 4514.4 | 5090.9 | 5676.5 | 6367.5 | 7056.8 | 7792.8 |
| -47.5° | 1995.5 | 2351.2 | 2741.2 | 3145.1 | 3592.1 | 4064.0 | 4557.0 | 5090.9 | 5626.2 | 6243.6 | 6848.1 |
| -50° | 1795.0 | 2125.1 | 2462.5 | 2831.7 | 3216.3 | 3628.1 | 4064.0 | 4514.4 | 4991.9 | 5476.0 | 5997.8 |
| -52.5° | 1607.2 | 1891.9 | 2203.4 | 2522.4 | 2862.0 | 3216.3 | 3592.1 | 3980.0 | 4387.3 | 4795.2 | 5228.1 |
| -55° | 1414.0 | 1675.1 | 1943.9 | 2229.6 | 2522.4 | 2831.7 | 3145.1 | 3484.6 | 3813.2 | 4177.4 | 4526.2 |
| -57.5° | 1236.7 | 1459.1 | 1697.8 | 1943.9 | 2203.4 | 2462.5 | 2741.2 | 3011.0 | 3306.9 | 3598.2 | 3887.6 |
| -60° | 1067.4 | 1255.5 | 1459.1 | 1675.1 | 1891.9 | 2125.1 | 2351.2 | 2591.7 | 2830.9 | 3061.4 | 3317.0 |
| -62.5° | 900.2 | 1067.4 | 1236.7 | 1414.0 | 1607.2 | 1795.0 | 1995.5 | 2195.4 | 2387.8 | 2594.3 | 2794.2 |
| -65° | 756.0 | 885.0 | 1030.1 | 1180.6 | 1327.2 | 1494.8 | 1659.9 | 1819.3 | 1990.5 | 2157.4 | 2316.5 |
| -67.5° | 609.4 | 725.8 | 839.5 | 955.9 | 1087.9 | 1215.9 | 1339.7 | 1482.2 | 1619.7 | 1751.2 | 1881.3 |
| -70° | 488.3 | 568.9 | 665.5 | 764.2 | 860.2 | 959.3 | 1069.2 | 1175.1 | 1276.8 | 1380.2 | 1491.1 |
| -72.5° | 371.1 | 441.8 | 510.8 | 578.0 | 659.9 | 741.3 | 819.9 | 895.5 | 977.5 | 1062.3 | 1142.9 |
| -75° | 274.5 | 315.5 | 372.4 | 430.1 | 486.1 | 540.3 | 594.8 | 659.5 | 721.6 | 780.9 | 837.3 |
| -77.5° | 193.8 | 227.9 | 261.3 | 293.7 | 327.7 | 372.8 | 416.4 | 458.3 | 498.5 | 536.8 | 573.3 |
| -80° | 125.4 | 140.4 | 166.4 | 192.4 | 217.6 | 242.0 | 265.5 | 288.1 | 309.8 | 335.4 | 364.5 |
| -82.5° | 80.5 | 91.7 | 102.7 | 113.4 | 123.7 | 133.8 | 145.3 | 162.3 | 178.5 | 194.0 | 208.7 |
| -85° | 39.7 | 43.0 | 50.2 | 57.3 | 64.2 | 70.9 | 77.4 | 83.5 | 89.5 | 95.1 | 100.5 |
| -87.5° | 19.9 | 21.5 | 23.1 | 24.7 | 26.2 | 27.6 | 29.0 | 30.4 | 31.7 | 32.9 | 34.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 35.2 | 36.3 | 37.2 | 38.1 | 39.0 | 39.7 | 40.4 | 41.0 | 41.5 | 42.0 | 42.3 |
| 85° | 105.6 | 110.3 | 114.8 | 118.9 | 122.7 | 126.1 | 129.2 | 132.0 | 134.4 | 136.4 | 138.1 |
| 82.5° | 222.6 | 235.6 | 247.8 | 259.1 | 269.5 | 279.0 | 287.5 | 295.1 | 301.7 | 307.3 | 311.9 |
| 80° | 392.0 | 417.8 | 442.0 | 464.4 | 485.0 | 503.7 | 520.7 | 535.7 | 548.7 | 559.8 | 568.9 |
| 77.5° | 614.1 | 655.8 | 694.7 | 730.9 | 764.1 | 794.4 | 821.7 | 845.9 | 867.0 | 885.0 | 899.7 |
| 75° | 890.6 | 944.1 | 1001.4 | 1054.6 | 1103.6 | 1148.3 | 1188.6 | 1224.3 | 1255.5 | 1281.9 | 1303.7 |
| 72.5° | 1219.2 | 1291.1 | 1361.5 | 1436.3 | 1505.2 | 1568.1 | 1624.8 | 1675.1 | 1719.0 | 1756.3 | 1786.9 |
| 70° | 1596.1 | 1695.1 | 1787.7 | 1878.2 | 1968.4 | 2050.8 | 2125.1 | 2191.1 | 2248.6 | 2297.6 | 2337.8 |
| 67.5° | 2016.4 | 2143.7 | 2263.1 | 2374.0 | 2485.5 | 2591.7 | 2687.5 | 2772.6 | 2846.9 | 2910.2 | 2962.1 |
| 65° | 2475.4 | 2637.2 | 2788.9 | 2930.2 | 3061.4 | 3200.2 | 3325.6 | 3437.1 | 3534.4 | 3617.2 | 3685.4 |
| 62.5° | 2984.1 | 3181.3 | 3377.4 | 3560.0 | 3728.8 | 3894.9 | 4056.0 | 4199.4 | 4324.7 | 4431.4 | 4519.2 |
| 60° | 3560.0 | 3789.8 | 4036.4 | 4268.9 | 4483.9 | 4681.3 | 4861.1 | 5068.6 | 5228.1 | 5364.0 | 5476.0 |
| 57.5° | 4193.9 | 4483.9 | 4768.7 | 5061.6 | 5332.8 | 5581.3 | 5834.2 | 6077.9 | 6291.2 | 6473.1 | 6622.9 |
| 55° | 4886.1 | 5248.7 | 5590.1 | 5959.3 | 6318.7 | 6648.5 | 6955.2 | 7259.8 | 7526.5 | 7754.2 | 7941.9 |
| 52.5° | 5641.3 | 6110.1 | 6559.5 | 6992.7 | 7438.4 | 7848.0 | 8219.6 | 8608.0 | 8959.2 | 9259.3 | 9506.9 |
| 50° | 6537.8 | 7073.7 | 7627.3 | 8146.5 | 8701.2 | 9236.7 | 9723.4 | 10188.6 | 10625.6 | 10999.5 | 11308.4 |
| 47.5° | 7502.8 | 8132.1 | 8820.0 | 9494.6 | 10147.3 | 10809.2 | 11411.8 | 11967.0 | 12523.5 | 13000.3 | 13394.6 |
| 45° | 8544.1 | 9356.4 | 10151.7 | 10980.4 | 11753.7 | 12571.8 | 13335.2 | 14020.8 | 14699.2 | 15291.6 | 15782.2 |
| 42.5° | 9719.5 | 10677.5 | 11619.4 | 12618.7 | 13592.6 | 14550.0 | 15492.4 | 16340.5 | 17157.2 | 17905.0 | 18525.2 |
| 40° | 10997.0 | 12084.9 | 13263.2 | 14416.5 | 15611.2 | 16728.4 | 17909.5 | 18975.0 | 19945.7 | 20843.3 | 21589.0 |
| 37.5° | 12341.3 | 13655.3 | 15025.8 | 16386.7 | 17828.5 | 19212.7 | 20573.4 | 21845.8 | 22978.2 | 24076.8 | 24991.6 |
| 35° | 13786.9 | 15333.9 | 16890.3 | 18576.9 | 20222.6 | 21864.6 | 23434.2 | 24983.2 | 26361.1 | 27647.3 | 28746.7 |
| 32.5° | 15333.9 | 17074.9 | 18955.8 | 20867.3 | 22745.5 | 24704.7 | 26540.7 | 28374.2 | 30021.5 | 31526.5 | 32851.2 |
| 30° | 16890.3 | 18955.8 | 21084.1 | 23224.2 | 25482.3 | 27705.0 | 29883.1 | 31993.0 | 33966.4 | 35686.9 | 37129.0 |
| 27.5° | 18576.9 | 20867.3 | 23224.2 | 25744.2 | 28302.8 | 30815.5 | 33400.9 | 35776.0 | 37909.1 | 39780.2 | 41481.7 |
| 25° | 20222.6 | 22745.5 | 25482.3 | 28302.8 | 31160.7 | 34118.5 | 36888.6 | 39445.6 | 41915.3 | 44118.0 | 46104.9 |
| 22.5° | 21864.6 | 24704.7 | 27705.0 | 30815.5 | 34118.5 | 37264.7 | 40265.8 | 43240.0 | 46067.5 | 48687.6 | 50953.3 |
| 20° | 23434.2 | 26540.7 | 29883.1 | 33400.9 | 36888.6 | 40265.8 | 43689.2 | 47093.4 | 50311.1 | 53254.2 | 55781.2 |
| 17.5° | 24983.2 | 28374.2 | 31993.0 | 35776.0 | 39445.6 | 43240.0 | 47093.4 | 50873.7 | 54447.1 | 57613.6 | 60357.9 |
| 15° | 26361.1 | 30021.5 | 33966.4 | 37909.1 | 41915.3 | 46067.5 | 50311.1 | 54447.1 | 58242.2 | 61706.7 | 64783.1 |
| 12.5° | 27647.3 | 31526.5 | 35686.9 | 39780.2 | 44118.0 | 48687.6 | 53254.2 | 57613.6 | 61706.7 | 65530.3 | 68614.4 |
| 10° | 28746.7 | 32851.2 | 37129.0 | 41481.7 | 46104.9 | 50953.3 | 55781.2 | 60357.9 | 64783.1 | 68614.4 | 71977.5 |
| 7.5° | 29616.4 | 33902.0 | 38276.8 | 42842.0 | 47737.4 | 52808.4 | 57792.3 | 62628.3 | 67178.9 | 71195.7 | 74570.3 |
| 5° | 30245.6 | 34664.0 | 39111.4 | 43834.8 | 48933.9 | 54176.1 | 59286.4 | 64333.2 | 68919.9 | 73058.6 | 76509.5 |
| 2.5° | 30626.6 | 35126.0 | 39618.4 | 44439.3 | 49664.9 | 55015.2 | 60208.3 | 65393.9 | 70016.1 | 74169.2 | 77669.7 |
| 0° | 30754.1 | 35280.8 | 39788.5 | 44642.3 | 49910.8 | 55298.1 | 60520.2 | 65754.3 | 70391.1 | 74535.8 | 78069.3 |
| -2.5° | 30626.6 | 35126.0 | 39618.4 | 44439.3 | 49664.9 | 55015.2 | 60208.3 | 65393.9 | 70016.1 | 74169.2 | 77669.7 |
| -5° | 30245.6 | 34664.0 | 39111.4 | 43834.8 | 48933.9 | 54176.1 | 59286.4 | 64333.2 | 68919.9 | 73058.6 | 76509.5 |
| -7.5° | 29616.4 | 33902.0 | 38276.8 | 42842.0 | 47737.4 | 52808.4 | 57792.3 | 62628.3 | 67178.9 | 71195.7 | 74570.3 |
| -10° | 28746.7 | 32851.2 | 37129.0 | 41481.7 | 46104.9 | 50953.3 | 55781.2 | 60357.9 | 64783.1 | 68614.4 | 71977.5 |
| -12.5° | 27647.3 | 31526.5 | 35686.9 | 39780.2 | 44118.0 | 48687.6 | 53254.2 | 57613.6 | 61706.7 | 65530.3 | 68614.4 |
| -15° | 26361.1 | 30021.5 | 33966.4 | 37909.1 | 41915.3 | 46067.5 | 50311.1 | 54447.1 | 58242.2 | 61706.7 | 64783.1 |
| -17.5° | 24983.2 | 28374.2 | 31993.0 | 35776.0 | 39445.6 | 43240.0 | 47093.4 | 50873.7 | 54447.1 | 57613.6 | 60357.9 |
| -20° | 23434.2 | 26540.7 | 29883.1 | 33400.9 | 36888.6 | 40265.8 | 43689.2 | 47093.4 | 50311.1 | 53254.2 | 55781.2 |



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 21864.6 | 24704.7 | 27705.0 | 30815.5 | 34118.5 | 37264.7 | 40265.8 | 43240.0 | 46067.5 | 48687.6 | 50953.3 |
| -25° | 20222.6 | 22745.5 | 25482.3 | 28302.8 | 31160.7 | 34118.5 | 36888.6 | 39445.6 | 41915.3 | 44118.0 | 46104.9 |
| -27.5° | 18576.9 | 20867.3 | 23224.2 | 25744.2 | 28302.8 | 30815.5 | 33400.9 | 35776.0 | 37909.1 | 39780.2 | 41481.7 |
| -30° | 16890.3 | 18955.8 | 21084.1 | 23224.2 | 25482.3 | 27705.0 | 29883.1 | 31993.0 | 33966.4 | 35686.9 | 37129.0 |
| -32.5° | 15333.9 | 17074.9 | 18955.8 | 20867.3 | 22745.5 | 24704.7 | 26540.7 | 28374.2 | 30021.5 | 31526.5 | 32851.2 |
| -35° | 13786.9 | 15333.9 | 16890.3 | 18576.9 | 20222.6 | 21864.6 | 23434.2 | 24983.2 | 26361.1 | 27647.3 | 28746.7 |
| -37.5° | 12341.3 | 13655.3 | 15025.8 | 16386.7 | 17828.5 | 19212.7 | 20573.4 | 21845.8 | 22978.2 | 24076.8 | 24991.6 |
| -40° | 10997.0 | 12084.9 | 13263.2 | 14416.5 | 15611.2 | 16728.4 | 17909.5 | 18975.0 | 19945.7 | 20843.3 | 21589.0 |
| -42.5° | 9719.5 | 10677.5 | 11619.4 | 12618.7 | 13592.6 | 14550.0 | 15492.4 | 16340.5 | 17157.2 | 17905.0 | 18525.2 |
| -45° | 8544.1 | 9356.4 | 10151.7 | 10980.4 | 11753.7 | 12571.8 | 13335.2 | 14020.8 | 14699.2 | 15291.6 | 15782.2 |
| -47.5° | 7502.8 | 8132.1 | 8820.0 | 9494.6 | 10147.3 | 10809.2 | 11411.8 | 11967.0 | 12523.5 | 13000.3 | 13394.6 |
| -50° | 6537.8 | 7073.7 | 7627.3 | 8146.5 | 8701.2 | 9236.7 | 9723.4 | 10188.6 | 10625.6 | 10999.5 | 11308.4 |
| -52.5° | 5641.3 | 6110.1 | 6559.5 | 6992.7 | 7438.4 | 7848.0 | 8219.6 | 8608.0 | 8959.2 | 9259.3 | 9506.9 |
| -55° | 4886.1 | 5248.7 | 5590.1 | 5959.3 | 6318.7 | 6648.5 | 6955.2 | 7259.8 | 7526.5 | 7754.2 | 7941.9 |
| -57.5° | 4193.9 | 4483.9 | 4768.7 | 5061.6 | 5332.8 | 5581.3 | 5834.2 | 6077.9 | 6291.2 | 6473.1 | 6622.9 |
| -60° | 3560.0 | 3789.8 | 4036.4 | 4268.9 | 4483.9 | 4681.3 | 4886.1 | 5068.6 | 5228.1 | 5364.0 | 5476.0 |
| -62.5° | 2984.1 | 3181.3 | 3377.4 | 3560.0 | 3728.8 | 3894.9 | 4056.0 | 4199.4 | 4324.7 | 4431.4 | 4519.2 |
| -65° | 2475.4 | 2637.2 | 2788.9 | 2930.2 | 3061.4 | 3200.2 | 3325.6 | 3437.1 | 3534.4 | 3617.2 | 3685.4 |
| -67.5° | 2016.4 | 2143.7 | 2263.1 | 2374.0 | 2485.5 | 2591.7 | 2687.5 | 2772.6 | 2846.9 | 2910.2 | 2962.1 |
| -70° | 1596.1 | 1695.1 | 1787.7 | 1878.2 | 1968.4 | 2050.8 | 2125.1 | 2191.1 | 2248.6 | 2297.6 | 2337.8 |
| -72.5° | 1219.2 | 1291.1 | 1361.5 | 1436.3 | 1505.2 | 1568.1 | 1624.8 | 1675.1 | 1719.0 | 1756.3 | 1786.9 |
| -75° | 890.6 | 944.1 | 1001.4 | 1054.6 | 1103.6 | 1148.3 | 1188.6 | 1224.3 | 1255.5 | 1281.9 | 1303.7 |
| -77.5° | 614.1 | 655.8 | 694.7 | 730.9 | 764.1 | 794.4 | 821.7 | 845.9 | 867.0 | 885.0 | 899.7 |
| -80° | 392.0 | 417.8 | 442.0 | 464.4 | 485.0 | 503.7 | 520.7 | 535.7 | 548.7 | 559.8 | 568.9 |
| -82.5° | 222.6 | 235.6 | 247.8 | 259.1 | 269.5 | 279.0 | 287.5 | 295.1 | 301.7 | 307.3 | 311.9 |
| -85° | 105.6 | 110.3 | 114.8 | 118.9 | 122.7 | 126.1 | 129.2 | 132.0 | 134.4 | 136.4 | 138.1 |
| -87.5° | 35.2 | 36.3 | 37.2 | 38.1 | 39.0 | 39.7 | 40.4 | 41.0 | 41.5 | 42.0 | 42.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 42.6 | 42.8 | 43.0 | 43.0 | 43.0 | 42.8 | 42.6 | 42.3 | 42.0 | 41.5 | 41.0 |
| 85° | 139.4 | 140.4 | 140.9 | 141.1 | 140.9 | 140.4 | 139.4 | 138.1 | 136.4 | 134.4 | 132.0 |
| 82.5° | 315.5 | 318.0 | 319.6 | 320.1 | 319.6 | 318.0 | 315.5 | 311.9 | 307.3 | 301.7 | 295.1 |
| 80° | 576.0 | 581.1 | 584.2 | 585.2 | 584.2 | 581.1 | 576.0 | 568.9 | 559.8 | 548.7 | 535.7 |
| 77.5° | 911.2 | 919.4 | 924.4 | 926.0 | 924.4 | 919.4 | 911.2 | 899.7 | 885.0 | 867.0 | 845.9 |
| 75° | 1320.6 | 1332.8 | 1340.1 | 1342.5 | 1340.1 | 1332.8 | 1320.6 | 1303.7 | 1281.9 | 1255.5 | 1224.3 |
| 72.5° | 1810.9 | 1828.0 | 1838.3 | 1841.7 | 1838.3 | 1828.0 | 1810.9 | 1786.9 | 1756.3 | 1719.0 | 1675.1 |
| 70° | 2369.2 | 2391.7 | 2405.2 | 2409.7 | 2405.2 | 2391.7 | 2369.2 | 2337.8 | 2297.6 | 2248.6 | 2191.1 |
| 67.5° | 3002.7 | 3031.8 | 3049.3 | 3055.1 | 3049.3 | 3031.8 | 3002.7 | 2962.1 | 2910.2 | 2846.9 | 2772.6 |
| 65° | 3738.6 | 3776.7 | 3799.6 | 3807.3 | 3799.6 | 3776.7 | 3738.6 | 3685.4 | 3617.2 | 3534.4 | 3437.1 |
| 62.5° | 4587.8 | 4637.0 | 4666.5 | 4676.4 | 4666.5 | 4637.0 | 4587.8 | 4519.2 | 4431.4 | 4324.7 | 4199.4 |
| 60° | 5563.4 | 5626.2 | 5663.9 | 5676.5 | 5663.9 | 5626.2 | 5563.4 | 5476.0 | 5364.0 | 5228.1 | 5068.6 |
| 57.5° | 6740.1 | 6824.1 | 6874.7 | 6891.6 | 6874.7 | 6824.1 | 6740.1 | 6622.9 | 6473.1 | 6291.2 | 6077.9 |
| 55° | 8088.8 | 8194.3 | 8257.7 | 8278.9 | 8257.7 | 8194.3 | 8088.8 | 7941.9 | 7754.2 | 7526.5 | 7259.8 |
| 52.5° | 9700.8 | 9840.1 | 9923.9 | 9951.9 | 9923.9 | 9840.1 | 9700.8 | 9506.9 | 9259.3 | 8959.2 | 8608.0 |
| 50° | 11550.4 | 11724.4 | 11829.1 | 11864.1 | 11829.1 | 11724.4 | 11550.4 | 11308.4 | 10999.5 | 10625.6 | 10188.6 |
| 47.5° | 13703.9 | 13926.3 | 14060.3 | 14105.1 | 14060.3 | 13926.3 | 13703.9 | 13394.6 | 13000.3 | 12523.5 | 11967.0 |
| 45° | 16167.5 | 16444.8 | 16612.0 | 16667.9 | 16612.0 | 16444.8 | 16167.5 | 15782.2 | 15291.6 | 14699.2 | 14020.8 |
| 42.5° | 19013.0 | 19364.4 | 19576.4 | 19647.3 | 19576.4 | 19364.4 | 19013.0 | 18525.2 | 17905.0 | 17157.2 | 16340.5 |
| 40° | 22176.4 | 22600.1 | 22856.0 | 22941.6 | 22856.0 | 22600.1 | 22176.4 | 21589.0 | 20843.3 | 19945.7 | 18975.0 |
| 37.5° | 25713.6 | 26235.1 | 26550.4 | 26655.9 | 26550.4 | 26235.1 | 25713.6 | 24991.6 | 24076.8 | 22978.2 | 21845.8 |
| 35° | 29616.4 | 30245.6 | 30626.6 | 30754.1 | 30626.6 | 30245.6 | 29616.4 | 28746.7 | 27647.3 | 26361.1 | 24983.2 |
| 32.5° | 33902.0 | 34664.0 | 35126.0 | 35280.8 | 35126.0 | 34664.0 | 33902.0 | 32851.2 | 31526.5 | 30021.5 | 28374.2 |
| 30° | 38276.8 | 39111.4 | 39618.4 | 39788.5 | 39618.4 | 39111.4 | 38276.8 | 37129.0 | 35686.9 | 33966.4 | 31993.0 |
| 27.5° | 42842.0 | 43834.8 | 44439.3 | 44642.3 | 44439.3 | 43834.8 | 42842.0 | 41481.7 | 39780.2 | 37909.1 | 35776.0 |
| 25° | 47737.4 | 48933.9 | 49664.9 | 49910.8 | 49664.9 | 48933.9 | 47737.4 | 46104.9 | 44118.0 | 41915.3 | 39445.6 |
| 22.5° | 52808.4 | 54176.1 | 55015.2 | 55298.1 | 55015.2 | 54176.1 | 52808.4 | 50953.3 | 48687.6 | 46067.5 | 43240.0 |
| 20° | 57792.3 | 59286.4 | 60208.3 | 60520.2 | 60208.3 | 59286.4 | 57792.3 | 55781.2 | 53254.2 | 50311.1 | 47093.4 |
| 17.5° | 62628.3 | 64333.2 | 65393.9 | 65754.3 | 65393.9 | 64333.2 | 62628.3 | 60357.9 | 57613.6 | 54447.1 | 50873.7 |
| 15° | 67178.9 | 68919.9 | 70016.1 | 70391.1 | 70016.1 | 68919.9 | 67178.9 | 64783.1 | 61706.7 | 58242.2 | 54447.1 |
| 12.5° | 71195.7 | 73058.6 | 74169.2 | 74535.8 | 74169.2 | 73058.6 | 71195.7 | 68614.4 | 65530.3 | 61706.7 | 57613.6 |
| 10° | 74570.3 | 76509.5 | 77669.7 | 78069.3 | 77669.7 | 76509.5 | 74570.3 | 71977.5 | 68614.4 | 64783.1 | 60357.9 |
| 7.5° | 77293.7 | 79268.7 | 80496.1 | 80891.2 | 80496.1 | 79268.7 | 77293.7 | 74570.3 | 71195.7 | 67178.9 | 62628.3 |
| 5° | 79268.7 | 81315.7 | 82503.9 | 82943.7 | 82503.9 | 81315.7 | 79268.7 | 76509.5 | 73058.6 | 68919.9 | 64333.2 |
| 2.5° | 80496.1 | 82503.9 | 83741.4 | 84161.5 | 83741.4 | 82503.9 | 80496.1 | 77669.7 | 74169.2 | 70016.1 | 65393.9 |
| 0° | 80891.2 | 82943.7 | 84161.5 | 84632.2 | 84161.5 | 82943.7 | 80891.2 | 78069.3 | 74535.8 | 70391.1 | 65754.3 |
| -2.5° | 80496.1 | 82503.9 | 83741.4 | 84161.5 | 83741.4 | 82503.9 | 80496.1 | 77669.7 | 74169.2 | 70016.1 | 65393.9 |
| -5° | 79268.7 | 81315.7 | 82503.9 | 82943.7 | 82503.9 | 81315.7 | 79268.7 | 76509.5 | 73058.6 | 68919.9 | 64333.2 |
| -7.5° | 77293.7 | 79268.7 | 80496.1 | 80891.2 | 80496.1 | 79268.7 | 77293.7 | 74570.3 | 71195.7 | 67178.9 | 62628.3 |
| -10° | 74570.3 | 76509.5 | 77669.7 | 78069.3 | 77669.7 | 76509.5 | 74570.3 | 71977.5 | 68614.4 | 64783.1 | 60357.9 |
| -12.5° | 71195.7 | 73058.6 | 74169.2 | 74535.8 | 74169.2 | 73058.6 | 71195.7 | 68614.4 | 65530.3 | 61706.7 | 57613.6 |
| -15° | 67178.9 | 68919.9 | 70016.1 | 70391.1 | 70016.1 | 68919.9 | 67178.9 | 64783.1 | 61706.7 | 58242.2 | 54447.1 |
| -17.5° | 62628.3 | 64333.2 | 65393.9 | 65754.3 | 65393.9 | 64333.2 | 62628.3 | 60357.9 | 57613.6 | 54447.1 | 50873.7 |
| -20° | 57792.3 | 59286.4 | 60208.3 | 60520.2 | 60208.3 | 59286.4 | 57792.3 | 55781.2 | 53254.2 | 50311.1 | 47093.4 |



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 52808.4 | 54176.1 | 55015.2 | 55298.1 | 55015.2 | 54176.1 | 52808.4 | 50953.3 | 48687.6 | 46067.5 | 43240.0 |
| -25° | 47737.4 | 48933.9 | 49664.9 | 49910.8 | 49664.9 | 48933.9 | 47737.4 | 46104.9 | 44118.0 | 41915.3 | 39445.6 |
| -27.5° | 42842.0 | 43834.8 | 44439.3 | 44642.3 | 44439.3 | 43834.8 | 42842.0 | 41481.7 | 39780.2 | 37909.1 | 35776.0 |
| -30° | 38276.8 | 39111.4 | 39618.4 | 39788.5 | 39618.4 | 39111.4 | 38276.8 | 37129.0 | 35686.9 | 33966.4 | 31993.0 |
| -32.5° | 33902.0 | 34664.0 | 35126.0 | 35280.8 | 35126.0 | 34664.0 | 33902.0 | 32851.2 | 31526.5 | 30021.5 | 28374.2 |
| -35° | 29616.4 | 30245.6 | 30626.6 | 30754.1 | 30626.6 | 30245.6 | 29616.4 | 28746.7 | 27647.3 | 26361.1 | 24983.2 |
| -37.5° | 25713.6 | 26235.1 | 26550.4 | 26655.9 | 26550.4 | 26235.1 | 25713.6 | 24991.6 | 24076.8 | 22978.2 | 21845.8 |
| -40° | 22176.4 | 22600.1 | 22856.0 | 22941.6 | 22856.0 | 22600.1 | 22176.4 | 21589.0 | 20843.3 | 19945.7 | 18975.0 |
| -42.5° | 19013.0 | 19364.4 | 19576.4 | 19647.3 | 19576.4 | 19364.4 | 19013.0 | 18525.2 | 17905.0 | 17157.2 | 16340.5 |
| -45° | 16167.5 | 16444.8 | 16612.0 | 16667.9 | 16612.0 | 16444.8 | 16167.5 | 15782.2 | 15291.6 | 14699.2 | 14020.8 |
| -47.5° | 13703.9 | 13926.3 | 14060.3 | 14105.1 | 14060.3 | 13926.3 | 13703.9 | 13394.6 | 13000.3 | 12523.5 | 11967.0 |
| -50° | 11550.4 | 11724.4 | 11829.1 | 11864.1 | 11829.1 | 11724.4 | 11550.4 | 11308.4 | 10999.5 | 10625.6 | 10188.6 |
| -52.5° | 9700.8 | 9840.1 | 9923.9 | 9951.9 | 9923.9 | 9840.1 | 9700.8 | 9506.9 | 9259.3 | 8959.2 | 8608.0 |
| -55° | 8088.8 | 8194.3 | 8257.7 | 8278.9 | 8257.7 | 8194.3 | 8088.8 | 7941.9 | 7754.2 | 7526.5 | 7259.8 |
| -57.5° | 6740.1 | 6824.1 | 6874.7 | 6891.6 | 6874.7 | 6824.1 | 6740.1 | 6622.9 | 6473.1 | 6291.2 | 6077.9 |
| -60° | 5563.4 | 5626.2 | 5663.9 | 5676.5 | 5663.9 | 5626.2 | 5563.4 | 5476.0 | 5364.0 | 5228.1 | 5068.6 |
| -62.5° | 4587.8 | 4637.0 | 4666.5 | 4676.4 | 4666.5 | 4637.0 | 4587.8 | 4519.2 | 4431.4 | 4324.7 | 4199.4 |
| -65° | 3738.6 | 3776.7 | 3799.6 | 3807.3 | 3799.6 | 3776.7 | 3738.6 | 3685.4 | 3617.2 | 3534.4 | 3437.1 |
| -67.5° | 3002.7 | 3031.8 | 3049.3 | 3055.1 | 3049.3 | 3031.8 | 3002.7 | 2962.1 | 2910.2 | 2846.9 | 2772.6 |
| -70° | 2369.2 | 2391.7 | 2405.2 | 2409.7 | 2405.2 | 2391.7 | 2369.2 | 2337.8 | 2297.6 | 2248.6 | 2191.1 |
| -72.5° | 1810.9 | 1828.0 | 1838.3 | 1841.7 | 1838.3 | 1828.0 | 1810.9 | 1786.9 | 1756.3 | 1719.0 | 1675.1 |
| -75° | 1320.6 | 1332.8 | 1340.1 | 1342.5 | 1340.1 | 1332.8 | 1320.6 | 1303.7 | 1281.9 | 1255.5 | 1224.3 |
| -77.5° | 911.2 | 919.4 | 924.4 | 926.0 | 924.4 | 919.4 | 911.2 | 899.7 | 885.0 | 867.0 | 845.9 |
| -80° | 576.0 | 581.1 | 584.2 | 585.2 | 584.2 | 581.1 | 576.0 | 568.9 | 559.8 | 548.7 | 535.7 |
| -82.5° | 315.5 | 318.0 | 319.6 | 320.1 | 319.6 | 318.0 | 315.5 | 311.9 | 307.3 | 301.7 | 295.1 |
| -85° | 139.4 | 140.4 | 140.9 | 141.1 | 140.9 | 140.4 | 139.4 | 138.1 | 136.4 | 134.4 | 132.0 |
| -87.5° | 42.6 | 42.8 | 43.0 | 43.0 | 43.0 | 42.8 | 42.6 | 42.3 | 42.0 | 41.5 | 41.0 |
| -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: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 40.4 | 39.7 | 39.0 | 38.1 | 37.2 | 36.3 | 35.2 | 34.1 | 32.9 | 31.7 | 30.4 |
| 85° | 129.2 | 126.1 | 122.7 | 118.9 | 114.8 | 110.3 | 105.6 | 100.5 | 95.1 | 89.5 | 83.5 |
| 82.5° | 287.5 | 279.0 | 269.5 | 259.1 | 247.8 | 235.6 | 222.6 | 208.7 | 194.0 | 178.5 | 162.3 |
| 80° | 520.7 | 503.7 | 485.0 | 464.4 | 442.0 | 417.8 | 392.0 | 364.5 | 335.4 | 309.8 | 288.1 |
| 77.5° | 821.7 | 794.4 | 764.1 | 730.9 | 694.7 | 655.8 | 614.1 | 573.3 | 536.8 | 498.5 | 458.3 |
| 75° | 1188.6 | 1148.3 | 1103.6 | 1054.6 | 1001.4 | 944.1 | 890.6 | 837.3 | 780.9 | 721.6 | 659.5 |
| 72.5° | 1624.8 | 1568.1 | 1505.2 | 1436.3 | 1361.5 | 1291.1 | 1219.2 | 1142.9 | 1062.3 | 977.5 | 895.5 |
| 70° | 2125.1 | 2050.8 | 1968.4 | 1878.2 | 1787.7 | 1695.1 | 1596.1 | 1491.1 | 1380.2 | 1276.8 | 1175.1 |
| 67.5° | 2687.5 | 2591.7 | 2485.5 | 2374.0 | 2263.1 | 2143.7 | 2016.4 | 1881.3 | 1751.2 | 1619.7 | 1482.2 |
| 65° | 3325.6 | 3200.2 | 3061.4 | 2930.2 | 2788.9 | 2637.2 | 2475.4 | 2316.5 | 2157.4 | 1990.5 | 1819.3 |
| 62.5° | 4056.0 | 3894.9 | 3728.8 | 3560.0 | 3377.4 | 3181.3 | 2984.1 | 2794.2 | 2594.3 | 2387.8 | 2195.4 |
| 60° | 4886.1 | 4681.3 | 4483.9 | 4268.9 | 4036.4 | 3789.8 | 3560.0 | 3317.0 | 3061.4 | 2830.9 | 2591.7 |
| 57.5° | 5834.2 | 5581.3 | 5332.8 | 5061.6 | 4768.7 | 4483.9 | 4193.9 | 3887.6 | 3598.2 | 3306.9 | 3011.0 |
| 55° | 6955.2 | 6648.5 | 6318.7 | 5959.3 | 5590.1 | 5248.7 | 4886.1 | 4526.2 | 4177.4 | 3813.2 | 3484.6 |
| 52.5° | 8219.6 | 7848.0 | 7438.4 | 6992.7 | 6559.5 | 6110.1 | 5641.3 | 5228.1 | 4795.2 | 4387.3 | 3980.0 |
| 50° | 9723.4 | 9236.7 | 8701.2 | 8146.5 | 7627.3 | 7073.7 | 6537.8 | 5997.8 | 5476.0 | 4991.9 | 4514.4 |
| 47.5° | 11411.8 | 10809.2 | 10147.3 | 9494.6 | 8820.0 | 8132.1 | 7502.8 | 6848.1 | 6243.6 | 5626.2 | 5090.9 |
| 45° | 13335.2 | 12571.8 | 11753.7 | 10980.4 | 10151.7 | 9356.4 | 8544.1 | 7792.8 | 7056.8 | 6367.5 | 5676.5 |
| 42.5° | 15492.4 | 14550.0 | 13592.6 | 12618.7 | 11619.4 | 10677.5 | 9719.5 | 8812.5 | 7939.0 | 7128.8 | 6367.5 |
| 40° | 17909.5 | 16728.4 | 15611.2 | 14416.5 | 13263.2 | 12084.9 | 10997.0 | 9902.7 | 8902.6 | 7939.0 | 7056.8 |
| 37.5° | 20573.4 | 19212.7 | 17828.5 | 16386.7 | 15025.8 | 13655.3 | 12341.3 | 11104.2 | 9902.7 | 8812.5 | 7792.8 |
| 35° | 23434.2 | 21864.6 | 20222.6 | 18576.9 | 16890.3 | 15333.9 | 13786.9 | 12341.3 | 10997.0 | 9719.5 | 8544.1 |
| 32.5° | 26540.7 | 24704.7 | 22745.5 | 20867.3 | 18955.8 | 17074.9 | 15333.9 | 13655.3 | 12084.9 | 10677.5 | 9356.4 |
| 30° | 29883.1 | 27705.0 | 25482.3 | 23224.2 | 21084.1 | 18955.8 | 16890.3 | 15025.8 | 13263.2 | 11619.4 | 10151.7 |
| 27.5° | 33400.9 | 30815.5 | 28302.8 | 25744.2 | 23224.2 | 20867.3 | 18576.9 | 16386.7 | 14416.5 | 12618.7 | 10980.4 |
| 25° | 36888.6 | 34118.5 | 31160.7 | 28302.8 | 25482.3 | 22745.5 | 20222.6 | 17828.5 | 15611.2 | 13592.6 | 11753.7 |
| 22.5° | 40265.8 | 37264.7 | 34118.5 | 30815.5 | 27705.0 | 24704.7 | 21864.6 | 19212.7 | 16728.4 | 14550.0 | 12571.8 |
| 20° | 43689.2 | 40265.8 | 36888.6 | 33400.9 | 29883.1 | 26540.7 | 23434.2 | 20573.4 | 17909.5 | 15492.4 | 13335.2 |
| 17.5° | 47093.4 | 43240.0 | 39445.6 | 35776.0 | 31993.0 | 28374.2 | 24983.2 | 21845.8 | 18975.0 | 16340.5 | 14020.8 |
| 15° | 50311.1 | 46067.5 | 41915.3 | 37909.1 | 33966.4 | 30021.5 | 26361.1 | 22978.2 | 19945.7 | 17157.2 | 14699.2 |
| 12.5° | 53254.2 | 48687.6 | 44118.0 | 39780.2 | 35686.9 | 31526.5 | 27647.3 | 24076.8 | 20843.3 | 17905.0 | 15291.6 |
| 10° | 55781.2 | 50953.3 | 46104.9 | 41481.7 | 37129.0 | 32851.2 | 28746.7 | 24991.6 | 21589.0 | 18525.2 | 15782.2 |
| 7.5° | 57792.3 | 52808.4 | 47737.4 | 42842.0 | 38276.8 | 33902.0 | 29616.4 | 25713.6 | 22176.4 | 19013.0 | 16167.5 |
| 5° | 59286.4 | 54176.1 | 48933.9 | 43834.8 | 39111.4 | 34664.0 | 30245.6 | 26235.1 | 22600.1 | 19364.4 | 16444.8 |
| 2.5° | 60208.3 | 55015.2 | 49664.9 | 44439.3 | 39618.4 | 35126.0 | 30626.6 | 26550.4 | 22856.0 | 19576.4 | 16612.0 |
| 0° | 60520.2 | 55298.1 | 49910.8 | 44642.3 | 39788.5 | 35280.8 | 30754.1 | 26655.9 | 22941.6 | 19647.3 | 16667.9 |
| -2.5° | 60208.3 | 55015.2 | 49664.9 | 44439.3 | 39618.4 | 35126.0 | 30626.6 | 26550.4 | 22856.0 | 19576.4 | 16612.0 |
| -5° | 59286.4 | 54176.1 | 48933.9 | 43834.8 | 39111.4 | 34664.0 | 30245.6 | 26235.1 | 22600.1 | 19364.4 | 16444.8 |
| -7.5° | 57792.3 | 52808.4 | 47737.4 | 42842.0 | 38276.8 | 33902.0 | 29616.4 | 25713.6 | 22176.4 | 19013.0 | 16167.5 |
| -10° | 55781.2 | 50953.3 | 46104.9 | 41481.7 | 37129.0 | 32851.2 | 28746.7 | 24991.6 | 21589.0 | 18525.2 | 15782.2 |
| -12.5° | 53254.2 | 48687.6 | 44118.0 | 39780.2 | 35686.9 | 31526.5 | 27647.3 | 24076.8 | 20843.3 | 17905.0 | 15291.6 |
| -15° | 50311.1 | 46067.5 | 41915.3 | 37909.1 | 33966.4 | 30021.5 | 26361.1 | 22978.2 | 19945.7 | 17157.2 | 14699.2 |
| -17.5° | 47093.4 | 43240.0 | 39445.6 | 35776.0 | 31993.0 | 28374.2 | 24983.2 | 21845.8 | 18975.0 | 16340.5 | 14020.8 |
| -20° | 43689.2 | 40265.8 | 36888.6 | 33400.9 | 29883.1 | 26540.7 | 23434.2 | 20573.4 | 17909.5 | 15492.4 | 13335.2 |



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 40265.8 | 37264.7 | 34118.5 | 30815.5 | 27705.0 | 24704.7 | 21864.6 | 19212.7 | 16728.4 | 14550.0 | 12571.8 |
| -25° | 36888.6 | 34118.5 | 31160.7 | 28302.8 | 25482.3 | 22745.5 | 20222.6 | 17828.5 | 15611.2 | 13592.6 | 11753.7 |
| -27.5° | 33400.9 | 30815.5 | 28302.8 | 25744.2 | 23224.2 | 20867.3 | 18576.9 | 16386.7 | 14416.5 | 12618.7 | 10980.4 |
| -30° | 29883.1 | 27705.0 | 25482.3 | 23224.2 | 21084.1 | 18955.8 | 16890.3 | 15025.8 | 13263.2 | 11619.4 | 10151.7 |
| -32.5° | 26540.7 | 24704.7 | 22745.5 | 20867.3 | 18955.8 | 17074.9 | 15333.9 | 13655.3 | 12084.9 | 10677.5 | 9356.4 |
| -35° | 23434.2 | 21864.6 | 20222.6 | 18576.9 | 16890.3 | 15333.9 | 13786.9 | 12341.3 | 10997.0 | 9719.5 | 8544.1 |
| -37.5° | 20573.4 | 19212.7 | 17828.5 | 16386.7 | 15025.8 | 13655.3 | 12341.3 | 11104.2 | 9902.7 | 8812.5 | 7792.8 |
| -40° | 17909.5 | 16728.4 | 15611.2 | 14416.5 | 13263.2 | 12084.9 | 10997.0 | 9902.7 | 8902.6 | 7939.0 | 7056.8 |
| -42.5° | 15492.4 | 14550.0 | 13592.6 | 12618.7 | 11619.4 | 10677.5 | 9719.5 | 8812.5 | 7939.0 | 7128.8 | 6367.5 |
| -45° | 13335.2 | 12571.8 | 11753.7 | 10980.4 | 10151.7 | 9356.4 | 8544.1 | 7792.8 | 7056.8 | 6367.5 | 5676.5 |
| -47.5° | 11411.8 | 10809.2 | 10147.3 | 9494.6 | 8820.0 | 8132.1 | 7502.8 | 6848.1 | 6243.6 | 5626.2 | 5090.9 |
| -50° | 9723.4 | 9236.7 | 8701.2 | 8146.5 | 7627.3 | 7073.7 | 6537.8 | 5997.8 | 5476.0 | 4991.9 | 4514.4 |
| -52.5° | 8219.6 | 7848.0 | 7438.4 | 6992.7 | 6559.5 | 6110.1 | 5641.3 | 5228.1 | 4795.2 | 4387.3 | 3980.0 |
| -55° | 6955.2 | 6648.5 | 6318.7 | 5959.3 | 5590.1 | 5248.7 | 4886.1 | 4526.2 | 4177.4 | 3813.2 | 3484.6 |
| -57.5° | 5834.2 | 5581.3 | 5332.8 | 5061.6 | 4768.7 | 4483.9 | 4193.9 | 3887.6 | 3598.2 | 3306.9 | 3011.0 |
| -60° | 4886.1 | 4681.3 | 4483.9 | 4268.9 | 4036.4 | 3789.8 | 3560.0 | 3317.0 | 3061.4 | 2830.9 | 2591.7 |
| -62.5° | 4056.0 | 3894.9 | 3728.8 | 3560.0 | 3377.4 | 3181.3 | 2984.1 | 2794.2 | 2594.3 | 2387.8 | 2195.4 |
| -65° | 3325.6 | 3200.2 | 3061.4 | 2930.2 | 2788.9 | 2637.2 | 2475.4 | 2316.5 | 2157.4 | 1990.5 | 1819.3 |
| -67.5° | 2687.5 | 2591.7 | 2485.5 | 2374.0 | 2263.1 | 2143.7 | 2016.4 | 1881.3 | 1751.2 | 1619.7 | 1482.2 |
| -70° | 2125.1 | 2050.8 | 1968.4 | 1878.2 | 1787.7 | 1695.1 | 1596.1 | 1491.1 | 1380.2 | 1276.8 | 1175.1 |
| -72.5° | 1624.8 | 1568.1 | 1505.2 | 1436.3 | 1361.5 | 1291.1 | 1219.2 | 1142.9 | 1062.3 | 977.5 | 895.5 |
| -75° | 1188.6 | 1148.3 | 1103.6 | 1054.6 | 1001.4 | 944.1 | 890.6 | 837.3 | 780.9 | 721.6 | 659.5 |
| -77.5° | 821.7 | 794.4 | 764.1 | 730.9 | 694.7 | 655.8 | 614.1 | 573.3 | 536.8 | 498.5 | 458.3 |
| -80° | 520.7 | 503.7 | 485.0 | 464.4 | 442.0 | 417.8 | 392.0 | 364.5 | 335.4 | 309.8 | 288.1 |
| -82.5° | 287.5 | 279.0 | 269.5 | 259.1 | 247.8 | 235.6 | 222.6 | 208.7 | 194.0 | 178.5 | 162.3 |
| -85° | 129.2 | 126.1 | 122.7 | 118.9 | 114.8 | 110.3 | 105.6 | 100.5 | 95.1 | 89.5 | 83.5 |
| -87.5° | 40.4 | 39.7 | 39.0 | 38.1 | 37.2 | 36.3 | 35.2 | 34.1 | 32.9 | 31.7 | 30.4 |
| -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: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 29.0 | 27.6 | 26.2 | 24.7 | 23.1 | 21.5 | 19.9 | 18.2 | 16.5 | 14.7 | 12.9 |
| 85° | 77.4 | 70.9 | 64.2 | 57.3 | 50.2 | 43.0 | 39.7 | 36.3 | 32.9 | 29.4 | 25.8 |
| 82.5° | 145.3 | 133.8 | 123.7 | 113.4 | 102.7 | 91.7 | 80.5 | 69.0 | 57.2 | 45.3 | 38.7 |
| 80° | 265.5 | 242.0 | 217.6 | 192.4 | 166.4 | 140.4 | 125.4 | 110.0 | 94.4 | 78.5 | 62.4 |
| 77.5° | 416.4 | 372.8 | 327.7 | 293.7 | 261.3 | 227.9 | 193.8 | 158.9 | 131.3 | 111.5 | 91.3 |
| 75° | 594.8 | 540.3 | 486.1 | 430.1 | 372.4 | 315.5 | 274.5 | 232.7 | 190.1 | 146.7 | 120.1 |
| 72.5° | 819.9 | 741.3 | 659.9 | 578.0 | 510.8 | 441.8 | 371.1 | 305.9 | 256.2 | 205.8 | 154.6 |
| 70° | 1069.2 | 959.3 | 860.2 | 764.2 | 665.5 | 568.9 | 488.3 | 406.1 | 322.3 | 264.1 | 205.8 |
| 67.5° | 1339.7 | 1215.9 | 1087.9 | 955.9 | 839.5 | 725.8 | 609.4 | 511.7 | 417.8 | 322.3 | 256.2 |
| 65° | 1659.9 | 1494.8 | 1327.2 | 1180.6 | 1030.1 | 885.0 | 756.0 | 624.5 | 511.7 | 406.1 | 305.9 |
| 62.5° | 1995.5 | 1795.0 | 1607.2 | 1414.0 | 1236.7 | 1067.4 | 900.2 | 756.0 | 609.4 | 488.3 | 371.1 |
| 60° | 2351.2 | 2125.1 | 1891.9 | 1675.1 | 1459.1 | 1255.5 | 1067.4 | 885.0 | 725.8 | 568.9 | 441.8 |
| 57.5° | 2741.2 | 2462.5 | 2203.4 | 1943.9 | 1697.8 | 1459.1 | 1236.7 | 1030.1 | 839.5 | 665.5 | 510.8 |
| 55° | 3145.1 | 2831.7 | 2522.4 | 2229.6 | 1943.9 | 1675.1 | 1414.0 | 1180.6 | 955.9 | 764.2 | 578.0 |
| 52.5° | 3592.1 | 3216.3 | 2862.0 | 2522.4 | 2203.4 | 1891.9 | 1607.2 | 1327.2 | 1087.9 | 860.2 | 659.9 |
| 50° | 4064.0 | 3628.1 | 3216.3 | 2831.7 | 2462.5 | 2125.1 | 1795.0 | 1494.8 | 1215.9 | 959.3 | 741.3 |
| 47.5° | 4557.0 | 4064.0 | 3592.1 | 3145.1 | 2741.2 | 2351.2 | 1995.5 | 1659.9 | 1339.7 | 1069.2 | 819.9 |
| 45° | 5090.9 | 4514.4 | 3980.0 | 3484.6 | 3011.0 | 2591.7 | 2195.4 | 1819.3 | 1482.2 | 1175.1 | 895.5 |
| 42.5° | 5626.2 | 4991.9 | 4387.3 | 3813.2 | 3306.9 | 2830.9 | 2387.8 | 1990.5 | 1619.7 | 1276.8 | 977.5 |
| 40° | 6243.6 | 5476.0 | 4795.2 | 4177.4 | 3598.2 | 3061.4 | 2594.3 | 2157.4 | 1751.2 | 1380.2 | 1062.3 |
| 37.5° | 6848.1 | 5997.8 | 5228.1 | 4526.2 | 3887.6 | 3317.0 | 2794.2 | 2316.5 | 1881.3 | 1491.1 | 1142.9 |
| 35° | 7502.8 | 6537.8 | 5641.3 | 4886.1 | 4193.9 | 3560.0 | 2984.1 | 2475.4 | 2016.4 | 1596.1 | 1219.2 |
| 32.5° | 8132.1 | 7073.7 | 6110.1 | 5248.7 | 4483.9 | 3789.8 | 3181.3 | 2637.2 | 2143.7 | 1695.1 | 1291.1 |
| 30° | 8820.0 | 7627.3 | 6559.5 | 5590.1 | 4768.7 | 4036.4 | 3377.4 | 2788.9 | 2263.1 | 1787.7 | 1361.5 |
| 27.5° | 9494.6 | 8146.5 | 6992.7 | 5959.3 | 5061.6 | 4268.9 | 3560.0 | 2930.2 | 2374.0 | 1878.2 | 1436.3 |
| 25° | 10147.3 | 8701.2 | 7438.4 | 6318.7 | 5332.8 | 4483.9 | 3728.8 | 3061.4 | 2485.5 | 1968.4 | 1505.2 |
| 22.5° | 10809.2 | 9236.7 | 7848.0 | 6648.5 | 5581.3 | 4681.3 | 3894.9 | 3200.2 | 2591.7 | 2050.8 | 1568.1 |
| 20° | 11411.8 | 9723.4 | 8219.6 | 6955.2 | 5834.2 | 4886.1 | 4056.0 | 3325.6 | 2687.5 | 2125.1 | 1624.8 |
| 17.5° | 11967.0 | 10188.6 | 8608.0 | 7259.8 | 6077.9 | 5068.6 | 4199.4 | 3437.1 | 2772.6 | 2191.1 | 1675.1 |
| 15° | 12523.5 | 10625.6 | 8959.2 | 7526.5 | 6291.2 | 5228.1 | 4324.7 | 3534.4 | 2846.9 | 2248.6 | 1719.0 |
| 12.5° | 13000.3 | 10999.5 | 9259.3 | 7754.2 | 6473.1 | 5364.0 | 4431.4 | 3617.2 | 2910.2 | 2297.6 | 1756.3 |
| 10° | 13394.6 | 11308.4 | 9506.9 | 7941.9 | 6622.9 | 5476.0 | 4519.2 | 3685.4 | 2962.1 | 2337.8 | 1786.9 |
| 7.5° | 13703.9 | 11550.4 | 9700.8 | 8088.8 | 6740.1 | 5563.4 | 4587.8 | 3738.6 | 3002.7 | 2369.2 | 1810.9 |
| 5° | 13926.3 | 11724.4 | 9840.1 | 8194.3 | 6824.1 | 5626.2 | 4637.0 | 3776.7 | 3031.8 | 2391.7 | 1828.0 |
| 2.5° | 14060.3 | 11829.1 | 9923.9 | 8257.7 | 6874.7 | 5663.9 | 4666.5 | 3799.6 | 3049.3 | 2405.2 | 1838.3 |
| 0° | 14105.1 | 11864.1 | 9951.9 | 8278.9 | 6891.6 | 5676.5 | 4676.4 | 3807.3 | 3055.1 | 2409.7 | 1841.7 |
| -2.5° | 14060.3 | 11829.1 | 9923.9 | 8257.7 | 6874.7 | 5663.9 | 4666.5 | 3799.6 | 3049.3 | 2405.2 | 1838.3 |
| -5° | 13926.3 | 11724.4 | 9840.1 | 8194.3 | 6824.1 | 5626.2 | 4637.0 | 3776.7 | 3031.8 | 2391.7 | 1828.0 |
| -7.5° | 13703.9 | 11550.4 | 9700.8 | 8088.8 | 6740.1 | 5563.4 | 4587.8 | 3738.6 | 3002.7 | 2369.2 | 1810.9 |
| -10° | 13394.6 | 11308.4 | 9506.9 | 7941.9 | 6622.9 | 5476.0 | 4519.2 | 3685.4 | 2962.1 | 2337.8 | 1786.9 |
| -12.5° | 13000.3 | 10999.5 | 9259.3 | 7754.2 | 6473.1 | 5364.0 | 4431.4 | 3617.2 | 2910.2 | 2297.6 | 1756.3 |
| -15° | 12523.5 | 10625.6 | 8959.2 | 7526.5 | 6291.2 | 5228.1 | 4324.7 | 3534.4 | 2846.9 | 2248.6 | 1719.0 |
| -17.5° | 11967.0 | 10188.6 | 8608.0 | 7259.8 | 6077.9 | 5068.6 | 4199.4 | 3437.1 | 2772.6 | 2191.1 | 1675.1 |
| -20° | 11411.8 | 9723.4 | 8219.6 | 6955.2 | 5834.2 | 4886.1 | 4056.0 | 3325.6 | 2687.5 | 2125.1 | 1624.8 |



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 10809.2 | 9236.7 | 7848.0 | 6648.5 | 5581.3 | 4681.3 | 3894.9 | 3200.2 | 2591.7 | 2050.8 | 1568.1 |
| -25° | 10147.3 | 8701.2 | 7438.4 | 6318.7 | 5332.8 | 4483.9 | 3728.8 | 3061.4 | 2485.5 | 1968.4 | 1505.2 |
| -27.5° | 9494.6 | 8146.5 | 6992.7 | 5959.3 | 5061.6 | 4268.9 | 3560.0 | 2930.2 | 2374.0 | 1878.2 | 1436.3 |
| -30° | 8820.0 | 7627.3 | 6559.5 | 5590.1 | 4768.7 | 4036.4 | 3377.4 | 2788.9 | 2263.1 | 1787.7 | 1361.5 |
| -32.5° | 8132.1 | 7073.7 | 6110.1 | 5248.7 | 4483.9 | 3789.8 | 3181.3 | 2637.2 | 2143.7 | 1695.1 | 1291.1 |
| -35° | 7502.8 | 6537.8 | 5641.3 | 4886.1 | 4193.9 | 3560.0 | 2984.1 | 2475.4 | 2016.4 | 1596.1 | 1219.2 |
| -37.5° | 6848.1 | 5997.8 | 5228.1 | 4526.2 | 3887.6 | 3317.0 | 2794.2 | 2316.5 | 1881.3 | 1491.1 | 1142.9 |
| -40° | 6243.6 | 5476.0 | 4795.2 | 4177.4 | 3598.2 | 3061.4 | 2594.3 | 2157.4 | 1751.2 | 1380.2 | 1062.3 |
| -42.5° | 5626.2 | 4991.9 | 4387.3 | 3813.2 | 3306.9 | 2830.9 | 2387.8 | 1990.5 | 1619.7 | 1276.8 | 977.5 |
| -45° | 5090.9 | 4514.4 | 3980.0 | 3484.6 | 3011.0 | 2591.7 | 2195.4 | 1819.3 | 1482.2 | 1175.1 | 895.5 |
| -47.5° | 4557.0 | 4064.0 | 3592.1 | 3145.1 | 2741.2 | 2351.2 | 1995.5 | 1659.9 | 1339.7 | 1069.2 | 819.9 |
| -50° | 4064.0 | 3628.1 | 3216.3 | 2831.7 | 2462.5 | 2125.1 | 1795.0 | 1494.8 | 1215.9 | 959.3 | 741.3 |
| -52.5° | 3592.1 | 3216.3 | 2862.0 | 2522.4 | 2203.4 | 1891.9 | 1607.2 | 1327.2 | 1087.9 | 860.2 | 659.9 |
| -55° | 3145.1 | 2831.7 | 2522.4 | 2229.6 | 1943.9 | 1675.1 | 1414.0 | 1180.6 | 955.9 | 764.2 | 578.0 |
| -57.5° | 2741.2 | 2462.5 | 2203.4 | 1943.9 | 1697.8 | 1459.1 | 1236.7 | 1030.1 | 839.5 | 665.5 | 510.8 |
| -60° | 2351.2 | 2125.1 | 1891.9 | 1675.1 | 1459.1 | 1255.5 | 1067.4 | 885.0 | 725.8 | 568.9 | 441.8 |
| -62.5° | 1995.5 | 1795.0 | 1607.2 | 1414.0 | 1236.7 | 1067.4 | 900.2 | 756.0 | 609.4 | 488.3 | 371.1 |
| -65° | 1659.9 | 1494.8 | 1327.2 | 1180.6 | 1030.1 | 885.0 | 756.0 | 624.5 | 511.7 | 406.1 | 305.9 |
| -67.5° | 1339.7 | 1215.9 | 1087.9 | 955.9 | 839.5 | 725.8 | 609.4 | 511.7 | 417.8 | 322.3 | 256.2 |
| -70° | 1069.2 | 959.3 | 860.2 | 764.2 | 665.5 | 568.9 | 488.3 | 406.1 | 322.3 | 264.1 | 205.8 |
| -72.5° | 819.9 | 741.3 | 659.9 | 578.0 | 510.8 | 441.8 | 371.1 | 305.9 | 256.2 | 205.8 | 154.6 |
| -75° | 594.8 | 540.3 | 486.1 | 430.1 | 372.4 | 315.5 | 274.5 | 232.7 | 190.1 | 146.7 | 120.1 |
| -77.5° | 416.4 | 372.8 | 327.7 | 293.7 | 261.3 | 227.9 | 193.8 | 158.9 | 131.3 | 111.5 | 91.3 |
| -80° | 265.5 | 242.0 | 217.6 | 192.4 | 166.4 | 140.4 | 125.4 | 110.0 | 94.4 | 78.5 | 62.4 |
| -82.5° | 145.3 | 133.8 | 123.7 | 113.4 | 102.7 | 91.7 | 80.5 | 69.0 | 57.2 | 45.3 | 38.7 |
| -85° | 77.4 | 70.9 | 64.2 | 57.3 | 50.2 | 43.0 | 39.7 | 36.3 | 32.9 | 29.4 | 25.8 |
| -87.5° | 29.0 | 27.6 | 26.2 | 24.7 | 23.1 | 21.5 | 19.9 | 18.2 | 16.5 | 14.7 | 12.9 |
| -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: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|-------|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 11.1 | 9.3 | 7.5 | 5.6 | 3.7 | 1.9 | 0.0 |
| 85° | 22.2 | 18.6 | 14.9 | 11.2 | 7.5 | 3.7 | 0.0 |
| 82.5° | 33.3 | 27.8 | 22.3 | 16.8 | 11.2 | 5.6 | 0.0 |
| 80° | 46.0 | 37.0 | 29.7 | 22.3 | 14.9 | 7.5 | 0.0 |
| 77.5° | 70.9 | 50.3 | 37.0 | 27.8 | 18.6 | 9.3 | 0.0 |
| 75° | 95.6 | 70.9 | 46.0 | 33.3 | 22.2 | 11.1 | 0.0 |
| 72.5° | 120.1 | 91.3 | 62.4 | 38.7 | 25.8 | 12.9 | 0.0 |
| 70° | 146.7 | 111.5 | 78.5 | 45.3 | 29.4 | 14.7 | 0.0 |
| 67.5° | 190.1 | 131.3 | 94.4 | 57.2 | 32.9 | 16.5 | 0.0 |
| 65° | 232.7 | 158.9 | 110.0 | 69.0 | 36.3 | 18.2 | 0.0 |
| 62.5° | 274.5 | 193.8 | 125.4 | 80.5 | 39.7 | 19.9 | 0.0 |
| 60° | 315.5 | 227.9 | 140.4 | 91.7 | 43.0 | 21.5 | 0.0 |
| 57.5° | 372.4 | 261.3 | 166.4 | 102.7 | 50.2 | 23.1 | 0.0 |
| 55° | 430.1 | 293.7 | 192.4 | 113.4 | 57.3 | 24.7 | 0.0 |
| 52.5° | 486.1 | 327.7 | 217.6 | 123.7 | 64.2 | 26.2 | 0.0 |
| 50° | 540.3 | 372.8 | 242.0 | 133.8 | 70.9 | 27.6 | 0.0 |
| 47.5° | 594.8 | 416.4 | 265.5 | 145.3 | 77.4 | 29.0 | 0.0 |
| 45° | 659.5 | 458.3 | 288.1 | 162.3 | 83.5 | 30.4 | 0.0 |
| 42.5° | 721.6 | 498.5 | 309.8 | 178.5 | 89.5 | 31.7 | 0.0 |
| 40° | 780.9 | 536.8 | 335.4 | 194.0 | 95.1 | 32.9 | 0.0 |
| 37.5° | 837.3 | 573.3 | 364.5 | 208.7 | 100.5 | 34.1 | 0.0 |
| 35° | 890.6 | 614.1 | 392.0 | 222.6 | 105.6 | 35.2 | 0.0 |
| 32.5° | 944.1 | 655.8 | 417.8 | 235.6 | 110.3 | 36.3 | 0.0 |
| 30° | 1001.4 | 694.7 | 442.0 | 247.8 | 114.8 | 37.2 | 0.0 |
| 27.5° | 1054.6 | 730.9 | 464.4 | 259.1 | 118.9 | 38.1 | 0.0 |
| 25° | 1103.6 | 764.1 | 485.0 | 269.5 | 122.7 | 39.0 | 0.0 |
| 22.5° | 1148.3 | 794.4 | 503.7 | 279.0 | 126.1 | 39.7 | 0.0 |
| 20° | 1188.6 | 821.7 | 520.7 | 287.5 | 129.2 | 40.4 | 0.0 |
| 17.5° | 1224.3 | 845.9 | 535.7 | 295.1 | 132.0 | 41.0 | 0.0 |
| 15° | 1255.5 | 867.0 | 548.7 | 301.7 | 134.4 | 41.5 | 0.0 |
| 12.5° | 1281.9 | 885.0 | 559.8 | 307.3 | 136.4 | 42.0 | 0.0 |
| 10° | 1303.7 | 899.7 | 568.9 | 311.9 | 138.1 | 42.3 | 0.0 |
| 7.5° | 1320.6 | 911.2 | 576.0 | 315.5 | 139.4 | 42.6 | 0.0 |
| 5° | 1332.8 | 919.4 | 581.1 | 318.0 | 140.4 | 42.8 | 0.0 |
| 2.5° | 1340.1 | 924.4 | 584.2 | 319.6 | 140.9 | 43.0 | 0.0 |
| 0° | 1342.5 | 926.0 | 585.2 | 320.1 | 141.1 | 43.0 | 0.0 |
| -2.5° | 1340.1 | 924.4 | 584.2 | 319.6 | 140.9 | 43.0 | 0.0 |
| -5° | 1332.8 | 919.4 | 581.1 | 318.0 | 140.4 | 42.8 | 0.0 |
| -7.5° | 1320.6 | 911.2 | 576.0 | 315.5 | 139.4 | 42.6 | 0.0 |
| -10° | 1303.7 | 899.7 | 568.9 | 311.9 | 138.1 | 42.3 | 0.0 |
| -12.5° | 1281.9 | 885.0 | 559.8 | 307.3 | 136.4 | 42.0 | 0.0 |
| -15° | 1255.5 | 867.0 | 548.7 | 301.7 | 134.4 | 41.5 | 0.0 |
| -17.5° | 1224.3 | 845.9 | 535.7 | 295.1 | 132.0 | 41.0 | 0.0 |
| -20° | 1188.6 | 821.7 | 520.7 | 287.5 | 129.2 | 40.4 | 0.0 |



REPORT NUMBER: P1305448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-57-80-7F-HEG-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|-------|-------|-------|-------|-------|-----|
| -22.5° | 1148.3 | 794.4 | 503.7 | 279.0 | 126.1 | 39.7 | 0.0 |
| -25° | 1103.6 | 764.1 | 485.0 | 269.5 | 122.7 | 39.0 | 0.0 |
| -27.5° | 1054.6 | 730.9 | 464.4 | 259.1 | 118.9 | 38.1 | 0.0 |
| -30° | 1001.4 | 694.7 | 442.0 | 247.8 | 114.8 | 37.2 | 0.0 |
| -32.5° | 944.1 | 655.8 | 417.8 | 235.6 | 110.3 | 36.3 | 0.0 |
| -35° | 890.6 | 614.1 | 392.0 | 222.6 | 105.6 | 35.2 | 0.0 |
| -37.5° | 837.3 | 573.3 | 364.5 | 208.7 | 100.5 | 34.1 | 0.0 |
| -40° | 780.9 | 536.8 | 335.4 | 194.0 | 95.1 | 32.9 | 0.0 |
| -42.5° | 721.6 | 498.5 | 309.8 | 178.5 | 89.5 | 31.7 | 0.0 |
| -45° | 659.5 | 458.3 | 288.1 | 162.3 | 83.5 | 30.4 | 0.0 |
| -47.5° | 594.8 | 416.4 | 265.5 | 145.3 | 77.4 | 29.0 | 0.0 |
| -50° | 540.3 | 372.8 | 242.0 | 133.8 | 70.9 | 27.6 | 0.0 |
| -52.5° | 486.1 | 327.7 | 217.6 | 123.7 | 64.2 | 26.2 | 0.0 |
| -55° | 430.1 | 293.7 | 192.4 | 113.4 | 57.3 | 24.7 | 0.0 |
| -57.5° | 372.4 | 261.3 | 166.4 | 102.7 | 50.2 | 23.1 | 0.0 |
| -60° | 315.5 | 227.9 | 140.4 | 91.7 | 43.0 | 21.5 | 0.0 |
| -62.5° | 274.5 | 193.8 | 125.4 | 80.5 | 39.7 | 19.9 | 0.0 |
| -65° | 232.7 | 158.9 | 110.0 | 69.0 | 36.3 | 18.2 | 0.0 |
| -67.5° | 190.1 | 131.3 | 94.4 | 57.2 | 32.9 | 16.5 | 0.0 |
| -70° | 146.7 | 111.5 | 78.5 | 45.3 | 29.4 | 14.7 | 0.0 |
| -72.5° | 120.1 | 91.3 | 62.4 | 38.7 | 25.8 | 12.9 | 0.0 |
| -75° | 95.6 | 70.9 | 46.0 | 33.3 | 22.2 | 11.1 | 0.0 |
| -77.5° | 70.9 | 50.3 | 37.0 | 27.8 | 18.6 | 9.3 | 0.0 |
| -80° | 46.0 | 37.0 | 29.7 | 22.3 | 14.9 | 7.5 | 0.0 |
| -82.5° | 33.3 | 27.8 | 22.3 | 16.8 | 11.2 | 5.6 | 0.0 |
| -85° | 22.2 | 18.6 | 14.9 | 11.2 | 7.5 | 3.7 | 0.0 |
| -87.5° | 11.1 | 9.3 | 7.5 | 5.6 | 3.7 | 1.9 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)