

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: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-5S-HEG-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-57-80-5S-HEG-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 5S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

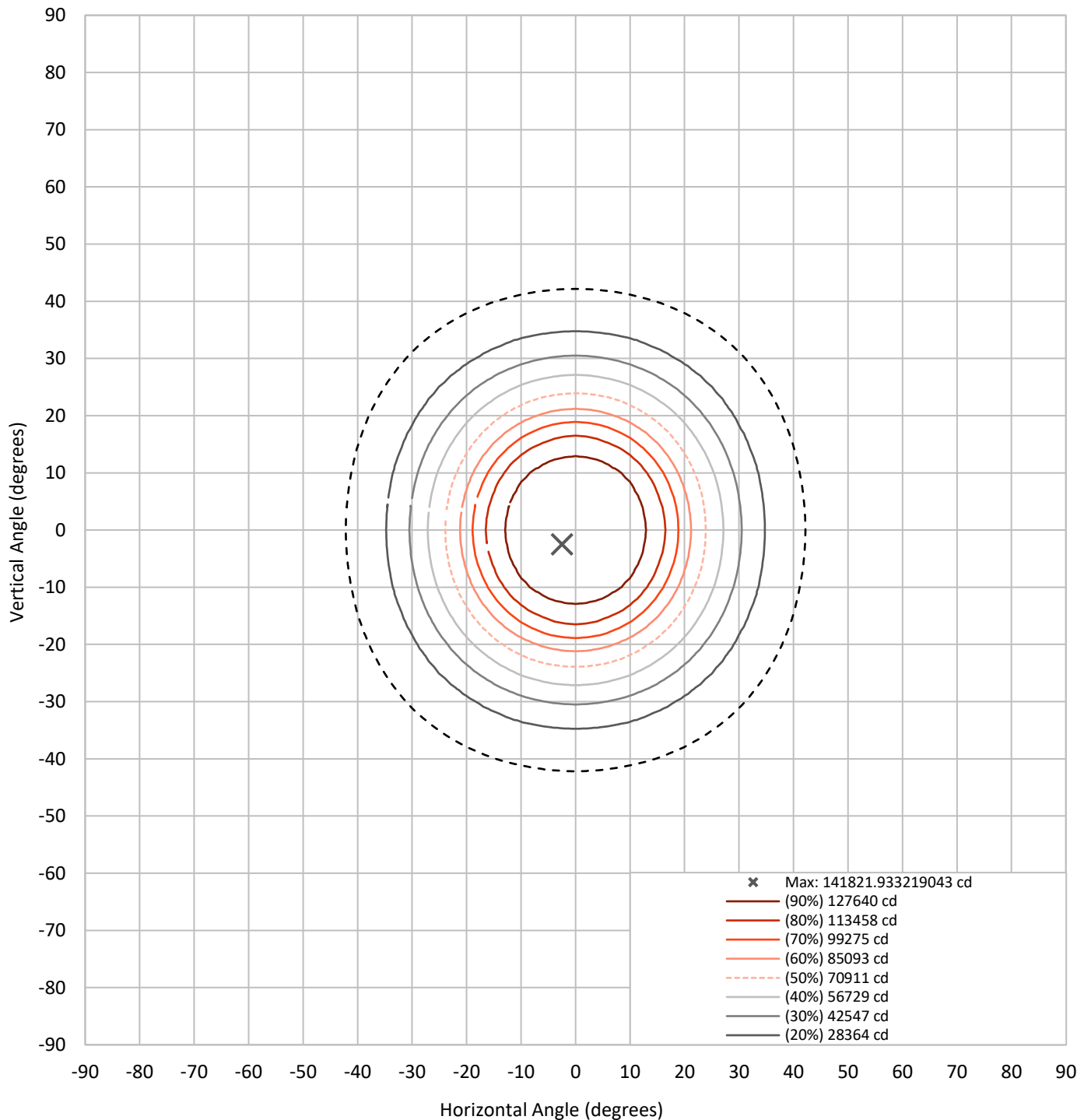
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 5H x 5V |
| Luminaire Lumens: | 103663.3 lumens | Max Intensity: | 141821.9 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x -2.5°V |
| Efficacy: | 150.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |

| | | | |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 47.6°H x 47.6°V | Field Angle (10%): | 84.3°H x 84.3°V |
| Beam Lumens: | 58155 lumens | Field Lumens: | 96588.5 lumens |
| Beam Efficiency: | 56.1% | Field Efficiency: | 93.2% |

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

REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

Iso-Candela Plot





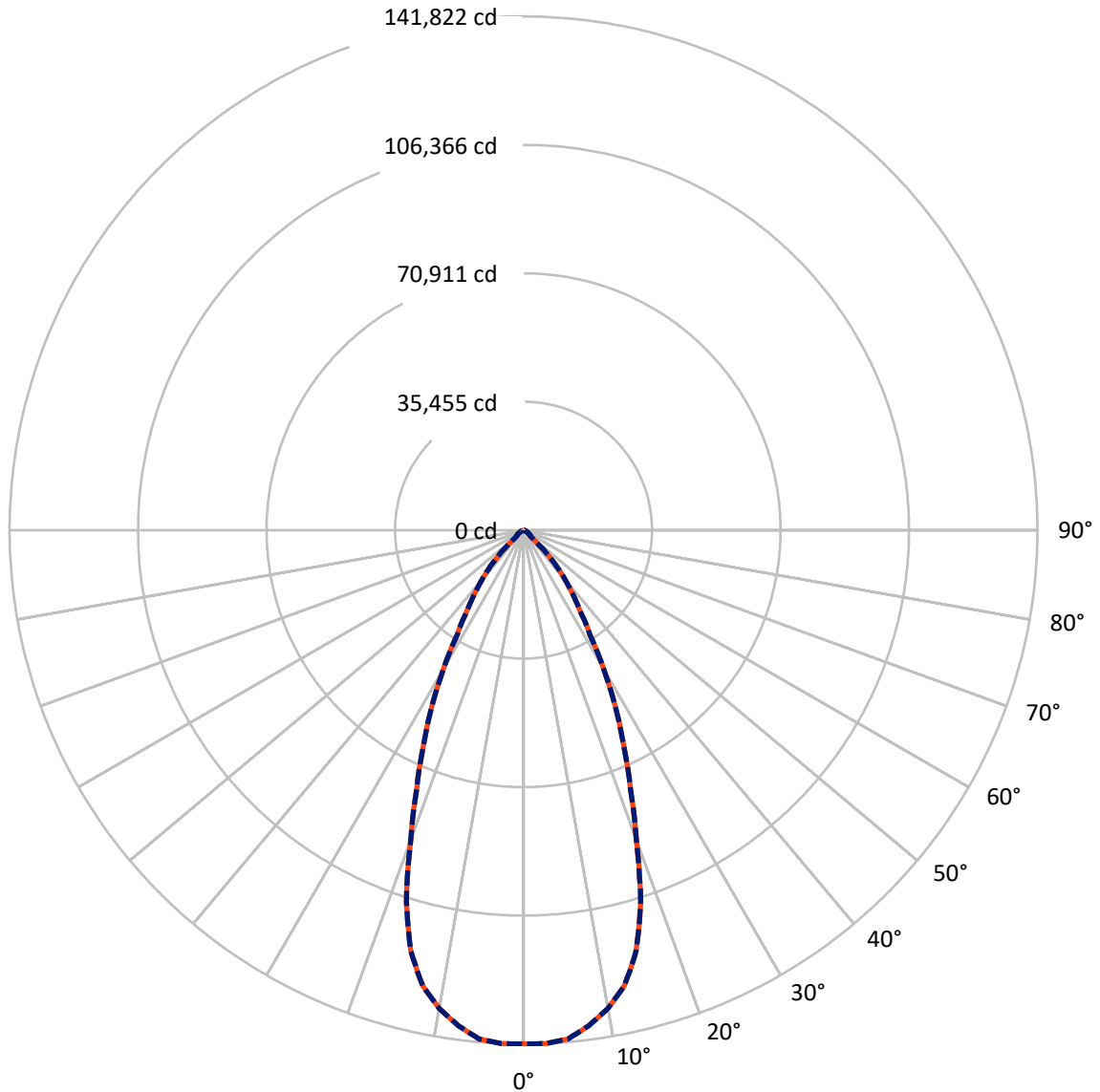
REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|------|------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|------|------|-----|
| 90 | 0.1 | 1.0 | 3.3 | 7.0 | 8.9 | 7.0 | 3.3 | 1.0 | 0.1 | | | | | | | |
| 80 | 0.1 | 1.0 | 3.3 | 7.0 | 8.9 | 7.0 | 3.3 | 1.0 | 0.1 | | | | | | | |
| 70 | 0.4 | 0.5 | 1.7 | 4.5 | 9.2 | 15.0 | 20.2 | 23.3 | 23.3 | 20.2 | 15.0 | 9.2 | 4.5 | 1.7 | 0.5 | 0.4 |
| 60 | | 1.3 | 5.2 | 14.3 | 27.9 | 42.6 | 53.6 | 59.6 | 59.6 | 53.6 | 42.6 | 27.9 | 14.3 | 5.2 | 1.3 | |
| 50 | 1.1 | 2.8 | 11.7 | 29.6 | 51.2 | 92.2 | 187.9 | 264.5 | 264.5 | 187.9 | 92.2 | 51.2 | 29.6 | 11.7 | 2.8 | 1.1 |
| 40 | | 4.9 | 19.8 | 44.3 | 128.7 | 389.5 | 657.6 | 842.5 | 842.5 | 657.6 | 389.5 | 128.7 | 44.3 | 19.8 | 4.9 | |
| 30 | 2.0 | 7.2 | 27.3 | 72.9 | 353.9 | 805.1 | 1440.8 | 1933.8 | 1933.8 | 1440.8 | 805.1 | 353.9 | 72.9 | 27.3 | 7.2 | 2.0 |
| 20 | | 9.2 | 32.2 | 140.8 | 561.3 | 1356.0 | 2519.8 | 3432.9 | 3432.9 | 2519.8 | 1356.0 | 561.3 | 140.8 | 32.2 | 9.2 | |
| 10 | 2.4 | 10.2 | 34.7 | 192.5 | 698.4 | 1766.8 | 3332.9 | 4160.4 | 4160.4 | 3332.9 | 1766.8 | 698.4 | 192.5 | 34.7 | 10.2 | 2.4 |
| 0 | | 10.2 | 34.7 | 192.5 | 698.4 | 1766.8 | 3332.9 | 4160.4 | 4160.4 | 3332.9 | 1766.8 | 698.4 | 192.5 | 34.7 | 10.2 | |
| -10 | 2.0 | 9.2 | 32.2 | 140.8 | 561.3 | 1356.0 | 2519.8 | 3432.9 | 3432.9 | 2519.8 | 1356.0 | 561.3 | 140.8 | 32.2 | 9.2 | 2.0 |
| -20 | | 7.2 | 27.3 | 72.9 | 353.9 | 805.1 | 1440.8 | 1933.8 | 1933.8 | 1440.8 | 805.1 | 353.9 | 72.9 | 27.3 | 7.2 | |
| -30 | 1.1 | 4.9 | 19.8 | 44.3 | 128.7 | 389.5 | 657.6 | 842.5 | 842.5 | 657.6 | 389.5 | 128.7 | 44.3 | 19.8 | 4.9 | 1.1 |
| -40 | | 2.8 | 11.7 | 29.6 | 51.2 | 92.2 | 187.9 | 264.5 | 264.5 | 187.9 | 92.2 | 51.2 | 29.6 | 11.7 | 2.8 | |
| -50 | 0.4 | 1.3 | 5.2 | 14.3 | 27.9 | 42.6 | 53.6 | 59.6 | 59.6 | 53.6 | 42.6 | 27.9 | 14.3 | 5.2 | 1.3 | 0.4 |
| -60 | | 0.5 | 1.7 | 4.5 | 9.2 | 15.0 | 20.2 | 23.3 | 23.3 | 20.2 | 15.0 | 9.2 | 4.5 | 1.7 | 0.5 | |
| -70 | 0.1 | 1.0 | 3.3 | 7.0 | 8.9 | 7.0 | 3.3 | 1.0 | 0.1 | | | | | | | |
| -80 | | 0.1 | 1.0 | 3.3 | 7.0 | 8.9 | 7.0 | 3.3 | 1.0 | 0.1 | | | | | | |
| -90 | 0.1 | 1.0 | 3.3 | 7.0 | 8.9 | 7.0 | 3.3 | 1.0 | 0.1 | | | | | | | |

REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

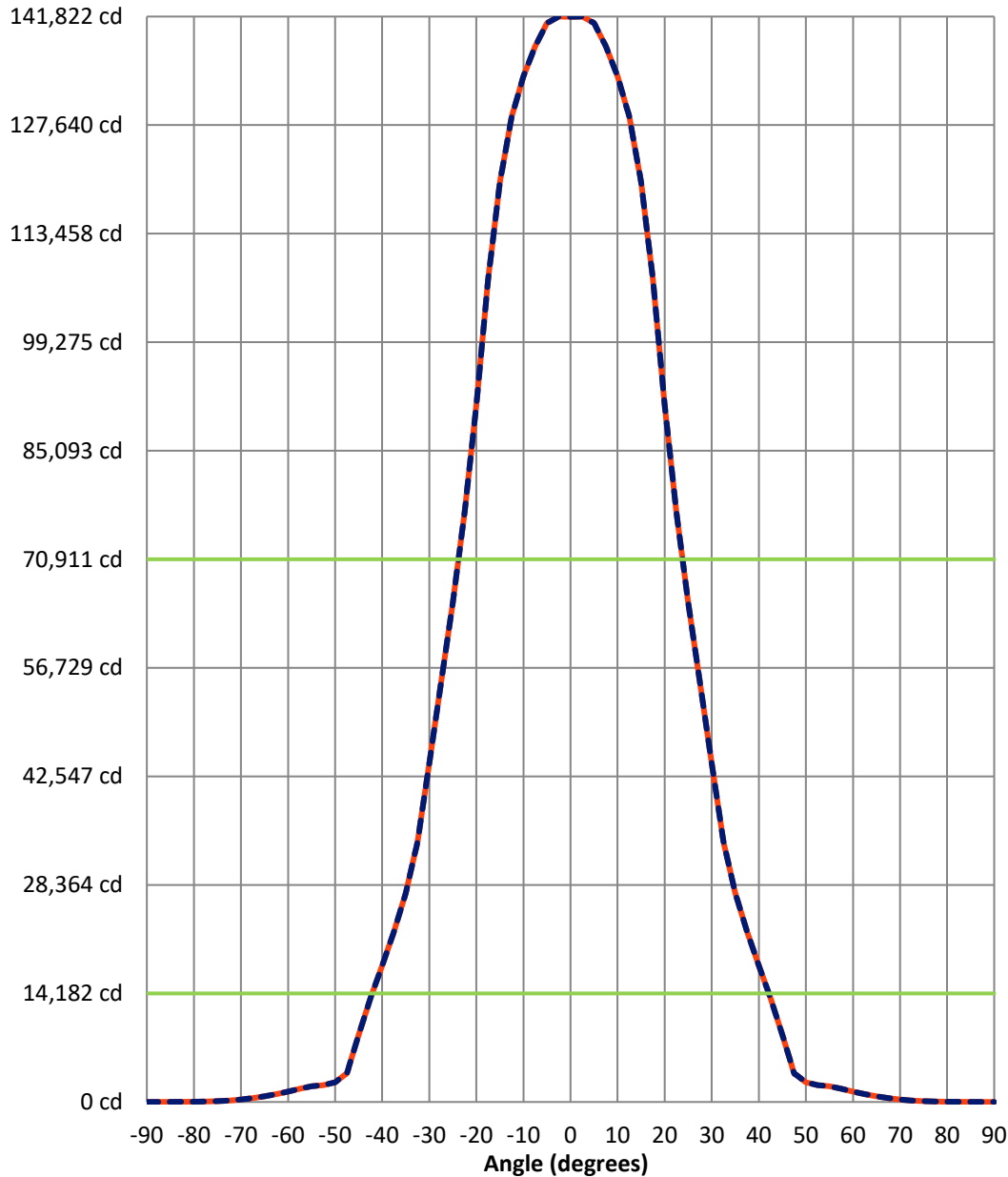
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

Luminous Intensity Plot



Beam:
 H Angle: 47.6°
 V Angle: 47.6°
 Lumens: 58155
 Efficiency: 56.1%

Field:
 H Angle: 84.3°
 V Angle: 84.3°
 Lumens: 96588.5
 Efficiency: 93.2%

Spill:
 Lumens: 7074.8
 Efficiency: 6.8%

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



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-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 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.6 | 2.9 |
| 85° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.1 | 4.7 | 5.3 | 5.8 |
| 82.5° | 0.0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.3 | 6.2 | 7.1 | 7.9 | 8.7 |
| 80° | 0.0 | 1.2 | 2.4 | 3.6 | 4.8 | 5.9 | 7.1 | 8.3 | 9.4 | 10.5 | 11.6 |
| 77.5° | 0.0 | 1.5 | 3.0 | 4.5 | 5.9 | 7.4 | 8.9 | 10.3 | 11.7 | 13.1 | 14.7 |
| 75° | 0.0 | 1.8 | 3.6 | 5.3 | 7.1 | 8.9 | 10.6 | 12.3 | 14.1 | 16.2 | 18.2 |
| 72.5° | 0.0 | 2.1 | 4.1 | 6.2 | 8.3 | 10.3 | 12.3 | 14.4 | 16.9 | 19.3 | 21.7 |
| 70° | 0.0 | 2.4 | 4.7 | 7.1 | 9.4 | 11.7 | 14.1 | 16.9 | 19.7 | 22.5 | 26.3 |
| 67.5° | 0.0 | 2.6 | 5.3 | 7.9 | 10.5 | 13.1 | 16.2 | 19.3 | 22.5 | 26.8 | 31.1 |
| 65° | 0.0 | 2.9 | 5.8 | 8.7 | 11.6 | 14.7 | 18.2 | 21.7 | 26.3 | 31.1 | 37.6 |
| 62.5° | 0.0 | 3.2 | 6.4 | 9.5 | 12.7 | 16.3 | 20.2 | 24.7 | 30.0 | 36.4 | 48.2 |
| 60° | 0.0 | 3.4 | 6.9 | 10.3 | 13.7 | 18.0 | 22.2 | 27.9 | 33.7 | 45.8 | 58.7 |
| 57.5° | 0.0 | 3.7 | 7.4 | 11.1 | 15.0 | 19.6 | 24.8 | 31.0 | 40.9 | 55.0 | 74.5 |
| 55° | 0.0 | 4.0 | 7.9 | 11.9 | 16.3 | 21.1 | 27.4 | 34.1 | 48.9 | 65.6 | 92.5 |
| 52.5° | 0.0 | 4.2 | 8.4 | 12.6 | 17.5 | 22.7 | 29.9 | 40.4 | 56.7 | 81.4 | 110.1 |
| 50° | 0.0 | 4.4 | 8.9 | 13.3 | 18.6 | 24.8 | 32.4 | 47.0 | 66.0 | 96.7 | 134.0 |
| 47.5° | 0.0 | 4.7 | 9.3 | 14.0 | 19.8 | 26.8 | 35.2 | 53.4 | 79.2 | 111.6 | 157.9 |
| 45° | 0.0 | 4.9 | 9.8 | 14.8 | 20.9 | 28.7 | 40.4 | 59.5 | 91.8 | 132.1 | 181.0 |
| 42.5° | 0.0 | 5.1 | 10.2 | 15.6 | 21.9 | 30.5 | 45.4 | 68.2 | 104.0 | 152.0 | 220.3 |
| 40° | 0.0 | 5.3 | 10.6 | 16.3 | 23.1 | 32.2 | 50.2 | 78.3 | 117.4 | 171.1 | 260.7 |
| 37.5° | 0.0 | 5.5 | 10.9 | 17.0 | 24.4 | 33.9 | 54.8 | 88.0 | 133.4 | 193.8 | 299.3 |
| 35° | 0.0 | 5.7 | 11.3 | 17.7 | 25.7 | 36.7 | 59.1 | 97.1 | 148.6 | 226.5 | 341.0 |
| 32.5° | 0.0 | 5.8 | 11.6 | 18.3 | 26.8 | 40.1 | 64.2 | 105.7 | 163.0 | 257.4 | 388.0 |
| 30° | 0.0 | 6.0 | 11.9 | 18.9 | 27.9 | 43.3 | 71.0 | 114.6 | 176.4 | 286.4 | 432.1 |
| 27.5° | 0.0 | 6.1 | 12.2 | 19.5 | 28.9 | 46.2 | 77.4 | 125.5 | 193.0 | 313.3 | 473.2 |
| 25° | 0.0 | 6.3 | 12.5 | 20.0 | 29.9 | 48.9 | 83.3 | 135.5 | 214.9 | 343.9 | 511.5 |
| 22.5° | 0.0 | 6.4 | 12.7 | 20.4 | 30.7 | 51.3 | 88.6 | 144.6 | 234.9 | 374.8 | 554.7 |
| 20° | 0.0 | 6.5 | 13.0 | 20.8 | 31.5 | 53.6 | 93.5 | 152.8 | 252.9 | 402.6 | 593.6 |
| 17.5° | 0.0 | 6.6 | 13.2 | 21.2 | 32.2 | 55.5 | 97.7 | 160.1 | 268.9 | 427.4 | 628.3 |
| 15° | 0.0 | 6.7 | 13.3 | 21.5 | 32.7 | 57.2 | 101.5 | 166.4 | 282.8 | 449.0 | 658.6 |
| 12.5° | 0.0 | 6.7 | 13.5 | 21.8 | 33.3 | 58.7 | 104.6 | 171.8 | 294.7 | 467.4 | 684.4 |
| 10° | 0.0 | 6.8 | 13.6 | 22.0 | 33.7 | 59.9 | 107.2 | 176.3 | 304.5 | 482.5 | 705.6 |
| 7.5° | 0.0 | 6.8 | 13.7 | 22.2 | 34.0 | 60.8 | 109.3 | 179.7 | 312.1 | 494.3 | 722.1 |
| 5° | 0.0 | 6.9 | 13.7 | 22.3 | 34.2 | 61.5 | 110.7 | 182.2 | 317.5 | 502.7 | 734.0 |
| 2.5° | 0.0 | 6.9 | 13.8 | 22.4 | 34.4 | 61.9 | 111.6 | 183.7 | 320.8 | 507.8 | 741.1 |
| 0° | 0.0 | 6.9 | 13.8 | 22.4 | 34.4 | 62.0 | 111.9 | 184.2 | 321.9 | 509.5 | 743.5 |
| -2.5° | 0.0 | 6.9 | 13.8 | 22.4 | 34.4 | 61.9 | 111.6 | 183.7 | 320.8 | 507.8 | 741.1 |
| -5° | 0.0 | 6.9 | 13.7 | 22.3 | 34.2 | 61.5 | 110.7 | 182.2 | 317.5 | 502.7 | 734.0 |
| -7.5° | 0.0 | 6.8 | 13.7 | 22.2 | 34.0 | 60.8 | 109.3 | 179.7 | 312.1 | 494.3 | 722.1 |
| -10° | 0.0 | 6.8 | 13.6 | 22.0 | 33.7 | 59.9 | 107.2 | 176.3 | 304.5 | 482.5 | 705.6 |
| -12.5° | 0.0 | 6.7 | 13.5 | 21.8 | 33.3 | 58.7 | 104.6 | 171.8 | 294.7 | 467.4 | 684.4 |
| -15° | 0.0 | 6.7 | 13.3 | 21.5 | 32.7 | 57.2 | 101.5 | 166.4 | 282.8 | 449.0 | 658.6 |
| -17.5° | 0.0 | 6.6 | 13.2 | 21.2 | 32.2 | 55.5 | 97.7 | 160.1 | 268.9 | 427.4 | 628.3 |
| -20° | 0.0 | 6.5 | 13.0 | 20.8 | 31.5 | 53.6 | 93.5 | 152.8 | 252.9 | 402.6 | 593.6 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-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 | 6.4 | 12.7 | 20.4 | 30.7 | 51.3 | 88.6 | 144.6 | 234.9 | 374.8 | 554.7 |
| -25° | 0.0 | 6.3 | 12.5 | 20.0 | 29.9 | 48.9 | 83.3 | 135.5 | 214.9 | 343.9 | 511.5 |
| -27.5° | 0.0 | 6.1 | 12.2 | 19.5 | 28.9 | 46.2 | 77.4 | 125.5 | 193.0 | 313.3 | 473.2 |
| -30° | 0.0 | 6.0 | 11.9 | 18.9 | 27.9 | 43.3 | 71.0 | 114.6 | 176.4 | 286.4 | 432.1 |
| -32.5° | 0.0 | 5.8 | 11.6 | 18.3 | 26.8 | 40.1 | 64.2 | 105.7 | 163.0 | 257.4 | 388.0 |
| -35° | 0.0 | 5.7 | 11.3 | 17.7 | 25.7 | 36.7 | 59.1 | 97.1 | 148.6 | 226.5 | 341.0 |
| -37.5° | 0.0 | 5.5 | 10.9 | 17.0 | 24.4 | 33.9 | 54.8 | 88.0 | 133.4 | 193.8 | 299.3 |
| -40° | 0.0 | 5.3 | 10.6 | 16.3 | 23.1 | 32.2 | 50.2 | 78.3 | 117.4 | 171.1 | 260.7 |
| -42.5° | 0.0 | 5.1 | 10.2 | 15.6 | 21.9 | 30.5 | 45.4 | 68.2 | 104.0 | 152.0 | 220.3 |
| -45° | 0.0 | 4.9 | 9.8 | 14.8 | 20.9 | 28.7 | 40.4 | 59.5 | 91.8 | 132.1 | 181.0 |
| -47.5° | 0.0 | 4.7 | 9.3 | 14.0 | 19.8 | 26.8 | 35.2 | 53.4 | 79.2 | 111.6 | 157.9 |
| -50° | 0.0 | 4.4 | 8.9 | 13.3 | 18.6 | 24.8 | 32.4 | 47.0 | 66.0 | 96.7 | 134.0 |
| -52.5° | 0.0 | 4.2 | 8.4 | 12.6 | 17.5 | 22.7 | 29.9 | 40.4 | 56.7 | 81.4 | 110.1 |
| -55° | 0.0 | 4.0 | 7.9 | 11.9 | 16.3 | 21.1 | 27.4 | 34.1 | 48.9 | 65.6 | 92.5 |
| -57.5° | 0.0 | 3.7 | 7.4 | 11.1 | 15.0 | 19.6 | 24.8 | 31.0 | 40.9 | 55.0 | 74.5 |
| -60° | 0.0 | 3.4 | 6.9 | 10.3 | 13.7 | 18.0 | 22.2 | 27.9 | 33.7 | 45.8 | 58.7 |
| -62.5° | 0.0 | 3.2 | 6.4 | 9.5 | 12.7 | 16.3 | 20.2 | 24.7 | 30.0 | 36.4 | 48.2 |
| -65° | 0.0 | 2.9 | 5.8 | 8.7 | 11.6 | 14.7 | 18.2 | 21.7 | 26.3 | 31.1 | 37.6 |
| -67.5° | 0.0 | 2.6 | 5.3 | 7.9 | 10.5 | 13.1 | 16.2 | 19.3 | 22.5 | 26.8 | 31.1 |
| -70° | 0.0 | 2.4 | 4.7 | 7.1 | 9.4 | 11.7 | 14.1 | 16.9 | 19.7 | 22.5 | 26.3 |
| -72.5° | 0.0 | 2.1 | 4.1 | 6.2 | 8.3 | 10.3 | 12.3 | 14.4 | 16.9 | 19.3 | 21.7 |
| -75° | 0.0 | 1.8 | 3.6 | 5.3 | 7.1 | 8.9 | 10.6 | 12.3 | 14.1 | 16.2 | 18.2 |
| -77.5° | 0.0 | 1.5 | 3.0 | 4.5 | 5.9 | 7.4 | 8.9 | 10.3 | 11.7 | 13.1 | 14.7 |
| -80° | 0.0 | 1.2 | 2.4 | 3.6 | 4.8 | 5.9 | 7.1 | 8.3 | 9.4 | 10.5 | 11.6 |
| -82.5° | 0.0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.3 | 6.2 | 7.1 | 7.9 | 8.7 |
| -85° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.1 | 4.7 | 5.3 | 5.8 |
| -87.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.6 | 2.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-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° | 3.2 | 3.4 | 3.7 | 4.0 | 4.2 | 4.4 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 |
| 85° | 6.4 | 6.9 | 7.4 | 7.9 | 8.4 | 8.9 | 9.3 | 9.8 | 10.2 | 10.6 | 10.9 |
| 82.5° | 9.5 | 10.3 | 11.1 | 11.9 | 12.6 | 13.3 | 14.0 | 14.8 | 15.6 | 16.3 | 17.0 |
| 80° | 12.7 | 13.7 | 15.0 | 16.3 | 17.5 | 18.6 | 19.8 | 20.9 | 21.9 | 23.1 | 24.4 |
| 77.5° | 16.3 | 18.0 | 19.6 | 21.1 | 22.7 | 24.8 | 26.8 | 28.7 | 30.5 | 32.2 | 33.9 |
| 75° | 20.2 | 22.2 | 24.8 | 27.4 | 29.9 | 32.4 | 35.2 | 40.4 | 45.4 | 50.2 | 54.8 |
| 72.5° | 24.7 | 27.9 | 31.0 | 34.1 | 40.4 | 47.0 | 53.4 | 59.5 | 68.2 | 78.3 | 88.0 |
| 70° | 30.0 | 33.7 | 40.9 | 48.9 | 56.7 | 66.0 | 79.2 | 91.8 | 104.0 | 117.4 | 133.4 |
| 67.5° | 36.4 | 45.8 | 55.0 | 65.6 | 81.4 | 96.7 | 111.6 | 132.1 | 152.0 | 171.1 | 193.8 |
| 65° | 48.2 | 58.7 | 74.5 | 92.5 | 110.1 | 134.0 | 157.9 | 181.0 | 220.3 | 260.7 | 299.3 |
| 62.5° | 59.9 | 78.9 | 99.2 | 122.3 | 150.2 | 177.4 | 221.5 | 269.9 | 316.6 | 375.6 | 433.7 |
| 60° | 78.9 | 101.5 | 128.8 | 160.1 | 196.4 | 252.9 | 307.7 | 374.8 | 444.3 | 511.5 | 591.0 |
| 57.5° | 99.2 | 128.8 | 163.4 | 209.0 | 271.9 | 337.2 | 418.3 | 496.7 | 587.8 | 678.5 | 769.9 |
| 55° | 122.3 | 160.1 | 209.0 | 278.2 | 354.7 | 444.6 | 537.5 | 643.1 | 745.4 | 865.2 | 979.9 |
| 52.5° | 150.2 | 196.4 | 271.9 | 354.7 | 453.4 | 559.6 | 676.6 | 800.3 | 934.2 | 1068.5 | 1211.6 |
| 50° | 177.4 | 252.9 | 337.2 | 444.6 | 559.6 | 687.8 | 827.9 | 976.0 | 1133.5 | 1293.4 | 1458.9 |
| 47.5° | 221.5 | 307.7 | 418.3 | 537.5 | 676.6 | 827.9 | 990.0 | 1166.2 | 1343.1 | 1534.8 | 1721.5 |
| 45° | 269.9 | 374.8 | 496.7 | 643.1 | 800.3 | 976.0 | 1166.2 | 1359.7 | 1573.1 | 1773.4 | 1945.1 |
| 42.5° | 316.6 | 444.3 | 587.8 | 745.4 | 934.2 | 1133.5 | 1343.1 | 1573.1 | 1790.2 | 1979.2 | 2104.6 |
| 40° | 375.6 | 511.5 | 678.5 | 865.2 | 1068.5 | 1293.4 | 1534.8 | 1773.4 | 1979.2 | 2112.4 | 2198.9 |
| 37.5° | 433.7 | 591.0 | 769.9 | 979.9 | 1211.6 | 1458.9 | 1721.5 | 1945.1 | 2104.6 | 2198.9 | 2429.2 |
| 35° | 488.9 | 666.6 | 870.6 | 1098.6 | 1348.1 | 1625.6 | 1877.5 | 2081.4 | 2183.0 | 2408.2 | 2835.2 |
| 32.5° | 548.7 | 738.0 | 966.0 | 1218.4 | 1493.6 | 1777.4 | 2024.2 | 2151.6 | 2345.5 | 2697.2 | 3542.7 |
| 30° | 609.8 | 818.8 | 1059.8 | 1331.2 | 1632.3 | 1906.5 | 2105.3 | 2242.3 | 2530.3 | 3331.6 | 5615.2 |
| 27.5° | 666.6 | 895.3 | 1156.6 | 1447.0 | 1758.5 | 2027.6 | 2163.6 | 2404.9 | 2984.6 | 4404.0 | 8320.5 |
| 25° | 719.1 | 966.0 | 1246.2 | 1558.0 | 1862.5 | 2095.0 | 2241.4 | 2556.6 | 3509.0 | 6779.0 | 10742.8 |
| 22.5° | 772.3 | 1030.9 | 1328.3 | 1659.8 | 1958.0 | 2141.3 | 2371.3 | 2959.3 | 4669.3 | 8976.7 | 12965.1 |
| 20° | 825.3 | 1098.6 | 1408.4 | 1749.7 | 2044.7 | 2183.4 | 2489.5 | 3370.4 | 6542.7 | 10872.8 | 14865.5 |
| 17.5° | 872.4 | 1158.9 | 1483.7 | 1820.8 | 2086.9 | 2249.5 | 2633.7 | 3739.5 | 8228.7 | 12583.3 | 16518.3 |
| 15° | 913.6 | 1211.6 | 1549.5 | 1883.0 | 2117.3 | 2335.3 | 2933.4 | 4965.9 | 9665.1 | 14050.3 | 17985.5 |
| 12.5° | 948.7 | 1256.5 | 1605.7 | 1936.1 | 2143.2 | 2408.7 | 3190.1 | 6143.7 | 10865.6 | 15216.1 | 19302.9 |
| 10° | 977.6 | 1293.4 | 1651.9 | 1979.9 | 2164.6 | 2469.3 | 3402.3 | 7118.9 | 11861.3 | 16184.7 | 20400.1 |
| 7.5° | 1000.2 | 1322.4 | 1688.1 | 2014.2 | 2181.4 | 2516.8 | 3568.9 | 7884.9 | 12644.4 | 16947.7 | 21265.9 |
| 5° | 1016.3 | 1343.1 | 1714.1 | 2038.8 | 2193.4 | 2550.9 | 3688.6 | 8436.1 | 13208.5 | 17498.1 | 21891.4 |
| 2.5° | 1026.1 | 1355.5 | 1729.7 | 2053.6 | 2200.7 | 2571.4 | 3760.8 | 8768.5 | 13548.9 | 17830.4 | 22269.5 |
| 0° | 1029.3 | 1359.7 | 1734.9 | 2058.5 | 2203.1 | 2578.3 | 3784.9 | 8879.6 | 13662.7 | 17941.6 | 22396.0 |
| -2.5° | 1026.1 | 1355.5 | 1729.7 | 2053.6 | 2200.7 | 2571.4 | 3760.8 | 8768.5 | 13548.9 | 17830.4 | 22269.5 |
| -5° | 1016.3 | 1343.1 | 1714.1 | 2038.8 | 2193.4 | 2550.9 | 3688.6 | 8436.1 | 13208.5 | 17498.1 | 21891.4 |
| -7.5° | 1000.2 | 1322.4 | 1688.1 | 2014.2 | 2181.4 | 2516.8 | 3568.9 | 7884.9 | 12644.4 | 16947.7 | 21265.9 |
| -10° | 977.6 | 1293.4 | 1651.9 | 1979.9 | 2164.6 | 2469.3 | 3402.3 | 7118.9 | 11861.3 | 16184.7 | 20400.1 |
| -12.5° | 948.7 | 1256.5 | 1605.7 | 1936.1 | 2143.2 | 2408.7 | 3190.1 | 6143.7 | 10865.6 | 15216.1 | 19302.9 |
| -15° | 913.6 | 1211.6 | 1549.5 | 1883.0 | 2117.3 | 2335.3 | 2933.4 | 4965.9 | 9665.1 | 14050.3 | 17985.5 |
| -17.5° | 872.4 | 1158.9 | 1483.7 | 1820.8 | 2086.9 | 2249.5 | 2633.7 | 3739.5 | 8228.7 | 12583.3 | 16518.3 |
| -20° | 825.3 | 1098.6 | 1408.4 | 1749.7 | 2044.7 | 2183.4 | 2489.5 | 3370.4 | 6542.7 | 10872.8 | 14865.5 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| -22.5° | 772.3 | 1030.9 | 1328.3 | 1659.8 | 1958.0 | 2141.3 | 2371.3 | 2959.3 | 4669.3 | 8976.7 | 12965.1 |
| -25° | 719.1 | 966.0 | 1246.2 | 1558.0 | 1862.5 | 2095.0 | 2241.4 | 2556.6 | 3509.0 | 6779.0 | 10742.8 |
| -27.5° | 666.6 | 895.3 | 1156.6 | 1447.0 | 1758.5 | 2027.6 | 2163.6 | 2404.9 | 2984.6 | 4404.0 | 8320.5 |
| -30° | 609.8 | 818.8 | 1059.8 | 1331.2 | 1632.3 | 1906.5 | 2105.3 | 2242.3 | 2530.3 | 3331.6 | 5615.2 |
| -32.5° | 548.7 | 738.0 | 966.0 | 1218.4 | 1493.6 | 1777.4 | 2024.2 | 2151.6 | 2345.5 | 2697.2 | 3542.7 |
| -35° | 488.9 | 666.6 | 870.6 | 1098.6 | 1348.1 | 1625.6 | 1877.5 | 2081.4 | 2183.0 | 2408.2 | 2835.2 |
| -37.5° | 433.7 | 591.0 | 769.9 | 979.9 | 1211.6 | 1458.9 | 1721.5 | 1945.1 | 2104.6 | 2198.9 | 2429.2 |
| -40° | 375.6 | 511.5 | 678.5 | 865.2 | 1068.5 | 1293.4 | 1534.8 | 1773.4 | 1979.2 | 2112.4 | 2198.9 |
| -42.5° | 316.6 | 444.3 | 587.8 | 745.4 | 934.2 | 1133.5 | 1343.1 | 1573.1 | 1790.2 | 1979.2 | 2104.6 |
| -45° | 269.9 | 374.8 | 496.7 | 643.1 | 800.3 | 976.0 | 1166.2 | 1359.7 | 1573.1 | 1773.4 | 1945.1 |
| -47.5° | 221.5 | 307.7 | 418.3 | 537.5 | 676.6 | 827.9 | 990.0 | 1166.2 | 1343.1 | 1534.8 | 1721.5 |
| -50° | 177.4 | 252.9 | 337.2 | 444.6 | 559.6 | 687.8 | 827.9 | 976.0 | 1133.5 | 1293.4 | 1458.9 |
| -52.5° | 150.2 | 196.4 | 271.9 | 354.7 | 453.4 | 559.6 | 676.6 | 800.3 | 934.2 | 1068.5 | 1211.6 |
| -55° | 122.3 | 160.1 | 209.0 | 278.2 | 354.7 | 444.6 | 537.5 | 643.1 | 745.4 | 865.2 | 979.9 |
| -57.5° | 99.2 | 128.8 | 163.4 | 209.0 | 271.9 | 337.2 | 418.3 | 496.7 | 587.8 | 678.5 | 769.9 |
| -60° | 78.9 | 101.5 | 128.8 | 160.1 | 196.4 | 252.9 | 307.7 | 374.8 | 444.3 | 511.5 | 591.0 |
| -62.5° | 59.9 | 78.9 | 99.2 | 122.3 | 150.2 | 177.4 | 221.5 | 269.9 | 316.6 | 375.6 | 433.7 |
| -65° | 48.2 | 58.7 | 74.5 | 92.5 | 110.1 | 134.0 | 157.9 | 181.0 | 220.3 | 260.7 | 299.3 |
| -67.5° | 36.4 | 45.8 | 55.0 | 65.6 | 81.4 | 96.7 | 111.6 | 132.1 | 152.0 | 171.1 | 193.8 |
| -70° | 30.0 | 33.7 | 40.9 | 48.9 | 56.7 | 66.0 | 79.2 | 91.8 | 104.0 | 117.4 | 133.4 |
| -72.5° | 24.7 | 27.9 | 31.0 | 34.1 | 40.4 | 47.0 | 53.4 | 59.5 | 68.2 | 78.3 | 88.0 |
| -75° | 20.2 | 22.2 | 24.8 | 27.4 | 29.9 | 32.4 | 35.2 | 40.4 | 45.4 | 50.2 | 54.8 |
| -77.5° | 16.3 | 18.0 | 19.6 | 21.1 | 22.7 | 24.8 | 26.8 | 28.7 | 30.5 | 32.2 | 33.9 |
| -80° | 12.7 | 13.7 | 15.0 | 16.3 | 17.5 | 18.6 | 19.8 | 20.9 | 21.9 | 23.1 | 24.4 |
| -82.5° | 9.5 | 10.3 | 11.1 | 11.9 | 12.6 | 13.3 | 14.0 | 14.8 | 15.6 | 16.3 | 17.0 |
| -85° | 6.4 | 6.9 | 7.4 | 7.9 | 8.4 | 8.9 | 9.3 | 9.8 | 10.2 | 10.6 | 10.9 |
| -87.5° | 3.2 | 3.4 | 3.7 | 4.0 | 4.2 | 4.4 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-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° | 5.7 | 5.8 | 6.0 | 6.1 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.7 | 6.8 |
| 85° | 11.3 | 11.6 | 11.9 | 12.2 | 12.5 | 12.7 | 13.0 | 13.2 | 13.3 | 13.5 | 13.6 |
| 82.5° | 17.7 | 18.3 | 18.9 | 19.5 | 20.0 | 20.4 | 20.8 | 21.2 | 21.5 | 21.8 | 22.0 |
| 80° | 25.7 | 26.8 | 27.9 | 28.9 | 29.9 | 30.7 | 31.5 | 32.2 | 32.7 | 33.3 | 33.7 |
| 77.5° | 36.7 | 40.1 | 43.3 | 46.2 | 48.9 | 51.3 | 53.6 | 55.5 | 57.2 | 58.7 | 59.9 |
| 75° | 59.1 | 64.2 | 71.0 | 77.4 | 83.3 | 88.6 | 93.5 | 97.7 | 101.5 | 104.6 | 107.2 |
| 72.5° | 97.1 | 105.7 | 114.6 | 125.5 | 135.5 | 144.6 | 152.8 | 160.1 | 166.4 | 171.8 | 176.3 |
| 70° | 148.6 | 163.0 | 176.4 | 193.0 | 214.9 | 234.9 | 252.9 | 268.9 | 282.8 | 294.7 | 304.5 |
| 67.5° | 226.5 | 257.4 | 286.4 | 313.3 | 343.9 | 374.8 | 402.6 | 427.4 | 449.0 | 467.4 | 482.5 |
| 65° | 341.0 | 388.0 | 432.1 | 473.2 | 511.5 | 554.7 | 593.6 | 628.3 | 658.6 | 684.4 | 705.6 |
| 62.5° | 488.9 | 548.7 | 609.8 | 666.6 | 719.1 | 772.3 | 825.3 | 872.4 | 913.6 | 948.7 | 977.6 |
| 60° | 666.6 | 738.0 | 818.8 | 895.3 | 966.0 | 1030.9 | 1098.6 | 1158.9 | 1211.6 | 1256.5 | 1293.4 |
| 57.5° | 870.6 | 966.0 | 1059.8 | 1156.6 | 1246.2 | 1328.3 | 1408.4 | 1483.7 | 1549.5 | 1605.7 | 1651.9 |
| 55° | 1098.6 | 1218.4 | 1331.2 | 1447.0 | 1558.0 | 1659.8 | 1749.7 | 1820.8 | 1883.0 | 1936.1 | 1979.9 |
| 52.5° | 1348.1 | 1493.6 | 1632.3 | 1758.5 | 1862.5 | 1958.0 | 2044.7 | 2086.9 | 2117.3 | 2143.2 | 2164.6 |
| 50° | 1625.6 | 1777.4 | 1906.5 | 2027.6 | 2095.0 | 2141.3 | 2183.4 | 2249.5 | 2335.3 | 2408.7 | 2469.3 |
| 47.5° | 1877.5 | 2024.2 | 2105.3 | 2163.6 | 2241.4 | 2371.3 | 2489.5 | 2633.7 | 2933.4 | 3190.1 | 3402.3 |
| 45° | 2081.4 | 2151.6 | 2242.3 | 2404.9 | 2556.6 | 2959.3 | 3370.4 | 3739.5 | 4965.9 | 6143.7 | 7118.9 |
| 42.5° | 2183.0 | 2345.5 | 2530.3 | 2984.6 | 3509.0 | 4669.3 | 6542.7 | 8228.7 | 9665.1 | 10865.6 | 11861.3 |
| 40° | 2408.2 | 2697.2 | 3331.6 | 4404.0 | 6779.0 | 8976.7 | 10872.8 | 12583.3 | 14050.3 | 15216.1 | 16184.7 |
| 37.5° | 2835.2 | 3542.7 | 5615.2 | 8320.5 | 10742.8 | 12965.1 | 14865.5 | 16518.3 | 17985.5 | 19302.9 | 20400.1 |
| 35° | 3613.6 | 6227.7 | 9236.7 | 11944.3 | 14410.0 | 16542.8 | 18532.3 | 20390.0 | 22042.4 | 23618.5 | 24974.2 |
| 32.5° | 6227.7 | 9533.0 | 12552.6 | 15247.3 | 17686.9 | 20056.0 | 22257.8 | 24514.7 | 26546.1 | 28605.1 | 30587.1 |
| 30° | 9236.7 | 12552.6 | 15528.9 | 18280.5 | 20988.6 | 23689.6 | 26375.4 | 29303.0 | 32255.5 | 35159.6 | 38488.3 |
| 27.5° | 11944.3 | 15247.3 | 18280.5 | 21302.7 | 24426.7 | 27541.2 | 31409.6 | 35365.2 | 40288.8 | 44607.5 | 48325.8 |
| 25° | 14410.0 | 17686.9 | 20988.6 | 24426.7 | 28057.8 | 32483.2 | 37933.1 | 43835.3 | 49273.2 | 54085.4 | 58150.9 |
| 22.5° | 16542.8 | 20056.0 | 23689.6 | 27541.2 | 32483.2 | 38801.4 | 45669.5 | 52167.2 | 58076.2 | 63307.0 | 68053.5 |
| 20° | 18532.3 | 22257.8 | 26375.4 | 31409.6 | 37933.1 | 45669.5 | 53148.7 | 60124.3 | 66634.1 | 73139.7 | 78978.6 |
| 17.5° | 20390.0 | 24514.7 | 29303.0 | 35365.2 | 43835.3 | 52167.2 | 60124.3 | 67877.6 | 75776.6 | 83988.5 | 91491.3 |
| 15° | 22042.4 | 26546.1 | 32255.5 | 40288.8 | 49273.2 | 58076.2 | 66634.1 | 75776.6 | 85706.9 | 95723.2 | 105545.4 |
| 12.5° | 23618.5 | 28605.1 | 35159.6 | 44607.5 | 54085.4 | 63307.0 | 73139.7 | 83988.5 | 95723.2 | 107931.0 | 116370.8 |
| 10° | 24974.2 | 30587.1 | 38488.3 | 48325.8 | 58150.9 | 68053.5 | 78978.6 | 91491.3 | 105545.4 | 116370.8 | 124488.2 |
| 7.5° | 26046.5 | 32159.2 | 41137.4 | 51297.8 | 61410.0 | 72154.4 | 84476.9 | 98665.6 | 112493.5 | 122852.6 | 129413.9 |
| 5° | 26822.4 | 33299.3 | 43063.9 | 53466.7 | 63798.8 | 75177.7 | 88561.8 | 104108.9 | 117195.8 | 126623.0 | 132402.4 |
| 2.5° | 27292.1 | 33990.6 | 44234.2 | 54787.3 | 65258.1 | 77032.5 | 91082.5 | 107495.4 | 120156.5 | 128711.9 | 134007.6 |
| 0° | 27449.4 | 34222.2 | 44626.7 | 55230.9 | 65749.1 | 77657.9 | 91935.1 | 108646.0 | 121169.3 | 129353.5 | 134556.7 |
| -2.5° | 27292.1 | 33990.6 | 44234.2 | 54787.3 | 65258.1 | 77032.5 | 91082.5 | 107495.4 | 120156.5 | 128711.9 | 134007.6 |
| -5° | 26822.4 | 33299.3 | 43063.9 | 53466.7 | 63798.8 | 75177.7 | 88561.8 | 104108.9 | 117195.8 | 126623.0 | 132402.4 |
| -7.5° | 26046.5 | 32159.2 | 41137.4 | 51297.8 | 61410.0 | 72154.4 | 84476.9 | 98665.6 | 112493.5 | 122852.6 | 129413.9 |
| -10° | 24974.2 | 30587.1 | 38488.3 | 48325.8 | 58150.9 | 68053.5 | 78978.6 | 91491.3 | 105545.4 | 116370.8 | 124488.2 |
| -12.5° | 23618.5 | 28605.1 | 35159.6 | 44607.5 | 54085.4 | 63307.0 | 73139.7 | 83988.5 | 95723.2 | 107931.0 | 116370.8 |
| -15° | 22042.4 | 26546.1 | 32255.5 | 40288.8 | 49273.2 | 58076.2 | 66634.1 | 75776.6 | 85706.9 | 95723.2 | 105545.4 |
| -17.5° | 20390.0 | 24514.7 | 29303.0 | 35365.2 | 43835.3 | 52167.2 | 60124.3 | 67877.6 | 75776.6 | 83988.5 | 91491.3 |
| -20° | 18532.3 | 22257.8 | 26375.4 | 31409.6 | 37933.1 | 45669.5 | 53148.7 | 60124.3 | 66634.1 | 73139.7 | 78978.6 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 16542.8 | 20056.0 | 23689.6 | 27541.2 | 32483.2 | 38801.4 | 45669.5 | 52167.2 | 58076.2 | 63307.0 | 68053.5 |
| -25° | 14410.0 | 17686.9 | 20988.6 | 24426.7 | 28057.8 | 32483.2 | 37933.1 | 43835.3 | 49273.2 | 54085.4 | 58150.9 |
| -27.5° | 11944.3 | 15247.3 | 18280.5 | 21302.7 | 24426.7 | 27541.2 | 31409.6 | 35365.2 | 40288.8 | 44607.5 | 48325.8 |
| -30° | 9236.7 | 12552.6 | 15528.9 | 18280.5 | 20988.6 | 23689.6 | 26375.4 | 29303.0 | 32255.5 | 35159.6 | 38488.3 |
| -32.5° | 6227.7 | 9533.0 | 12552.6 | 15247.3 | 17686.9 | 20056.0 | 22257.8 | 24514.7 | 26546.1 | 28605.1 | 30587.1 |
| -35° | 3613.6 | 6227.7 | 9236.7 | 11944.3 | 14410.0 | 16542.8 | 18532.3 | 20390.0 | 22042.4 | 23618.5 | 24974.2 |
| -37.5° | 2835.2 | 3542.7 | 5615.2 | 8320.5 | 10742.8 | 12965.1 | 14865.5 | 16518.3 | 17985.5 | 19302.9 | 20400.1 |
| -40° | 2408.2 | 2697.2 | 3331.6 | 4404.0 | 6779.0 | 8976.7 | 10872.8 | 12583.3 | 14050.3 | 15216.1 | 16184.7 |
| -42.5° | 2183.0 | 2345.5 | 2530.3 | 2984.6 | 3509.0 | 4669.3 | 6542.7 | 8228.7 | 9665.1 | 10865.6 | 11861.3 |
| -45° | 2081.4 | 2151.6 | 2242.3 | 2404.9 | 2556.6 | 2959.3 | 3370.4 | 3739.5 | 4965.9 | 6143.7 | 7118.9 |
| -47.5° | 1877.5 | 2024.2 | 2105.3 | 2163.6 | 2241.4 | 2371.3 | 2489.5 | 2633.7 | 2933.4 | 3190.1 | 3402.3 |
| -50° | 1625.6 | 1777.4 | 1906.5 | 2027.6 | 2095.0 | 2141.3 | 2183.4 | 2249.5 | 2335.3 | 2408.7 | 2469.3 |
| -52.5° | 1348.1 | 1493.6 | 1632.3 | 1758.5 | 1862.5 | 1958.0 | 2044.7 | 2086.9 | 2117.3 | 2143.2 | 2164.6 |
| -55° | 1098.6 | 1218.4 | 1331.2 | 1447.0 | 1558.0 | 1659.8 | 1749.7 | 1820.8 | 1883.0 | 1936.1 | 1979.9 |
| -57.5° | 870.6 | 966.0 | 1059.8 | 1156.6 | 1246.2 | 1328.3 | 1408.4 | 1483.7 | 1549.5 | 1605.7 | 1651.9 |
| -60° | 666.6 | 738.0 | 818.8 | 895.3 | 966.0 | 1030.9 | 1098.6 | 1158.9 | 1211.6 | 1256.5 | 1293.4 |
| -62.5° | 488.9 | 548.7 | 609.8 | 666.6 | 719.1 | 772.3 | 825.3 | 872.4 | 913.6 | 948.7 | 977.6 |
| -65° | 341.0 | 388.0 | 432.1 | 473.2 | 511.5 | 554.7 | 593.6 | 628.3 | 658.6 | 684.4 | 705.6 |
| -67.5° | 226.5 | 257.4 | 286.4 | 313.3 | 343.9 | 374.8 | 402.6 | 427.4 | 449.0 | 467.4 | 482.5 |
| -70° | 148.6 | 163.0 | 176.4 | 193.0 | 214.9 | 234.9 | 252.9 | 268.9 | 282.8 | 294.7 | 304.5 |
| -72.5° | 97.1 | 105.7 | 114.6 | 125.5 | 135.5 | 144.6 | 152.8 | 160.1 | 166.4 | 171.8 | 176.3 |
| -75° | 59.1 | 64.2 | 71.0 | 77.4 | 83.3 | 88.6 | 93.5 | 97.7 | 101.5 | 104.6 | 107.2 |
| -77.5° | 36.7 | 40.1 | 43.3 | 46.2 | 48.9 | 51.3 | 53.6 | 55.5 | 57.2 | 58.7 | 59.9 |
| -80° | 25.7 | 26.8 | 27.9 | 28.9 | 29.9 | 30.7 | 31.5 | 32.2 | 32.7 | 33.3 | 33.7 |
| -82.5° | 17.7 | 18.3 | 18.9 | 19.5 | 20.0 | 20.4 | 20.8 | 21.2 | 21.5 | 21.8 | 22.0 |
| -85° | 11.3 | 11.6 | 11.9 | 12.2 | 12.5 | 12.7 | 13.0 | 13.2 | 13.3 | 13.5 | 13.6 |
| -87.5° | 5.7 | 5.8 | 6.0 | 6.1 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.7 | 6.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-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° | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 |
| 85° | 13.7 | 13.7 | 13.8 | 13.8 | 13.8 | 13.7 | 13.7 | 13.6 | 13.5 | 13.3 | 13.2 |
| 82.5° | 22.2 | 22.3 | 22.4 | 22.4 | 22.4 | 22.3 | 22.2 | 22.0 | 21.8 | 21.5 | 21.2 |
| 80° | 34.0 | 34.2 | 34.4 | 34.4 | 34.4 | 34.2 | 34.0 | 33.7 | 33.3 | 32.7 | 32.2 |
| 77.5° | 60.8 | 61.5 | 61.9 | 62.0 | 61.9 | 61.5 | 60.8 | 59.9 | 58.7 | 57.2 | 55.5 |
| 75° | 109.3 | 110.7 | 111.6 | 111.9 | 111.6 | 110.7 | 109.3 | 107.2 | 104.6 | 101.5 | 97.7 |
| 72.5° | 179.7 | 182.2 | 183.7 | 184.2 | 183.7 | 182.2 | 179.7 | 176.3 | 171.8 | 166.4 | 160.1 |
| 70° | 312.1 | 317.5 | 320.8 | 321.9 | 320.8 | 317.5 | 312.1 | 304.5 | 294.7 | 282.8 | 268.9 |
| 67.5° | 494.3 | 502.7 | 507.8 | 509.5 | 507.8 | 502.7 | 494.3 | 482.5 | 467.4 | 449.0 | 427.4 |
| 65° | 722.1 | 734.0 | 741.1 | 743.5 | 741.1 | 734.0 | 722.1 | 705.6 | 684.4 | 658.6 | 628.3 |
| 62.5° | 1000.2 | 1016.3 | 1026.1 | 1029.3 | 1026.1 | 1016.3 | 1000.2 | 977.6 | 948.7 | 913.6 | 872.4 |
| 60° | 1322.4 | 1343.1 | 1355.5 | 1359.7 | 1355.5 | 1343.1 | 1322.4 | 1293.4 | 1256.5 | 1211.6 | 1158.9 |
| 57.5° | 1688.1 | 1714.1 | 1729.7 | 1734.9 | 1729.7 | 1714.1 | 1688.1 | 1651.9 | 1605.7 | 1549.5 | 1483.7 |
| 55° | 2014.2 | 2038.8 | 2053.6 | 2058.5 | 2053.6 | 2038.8 | 2014.2 | 1979.9 | 1936.1 | 1883.0 | 1820.8 |
| 52.5° | 2181.4 | 2193.4 | 2200.7 | 2203.1 | 2200.7 | 2193.4 | 2181.4 | 2164.6 | 2143.2 | 2117.3 | 2086.9 |
| 50° | 2516.8 | 2550.9 | 2571.4 | 2578.3 | 2571.4 | 2550.9 | 2516.8 | 2469.3 | 2408.7 | 2335.3 | 2249.5 |
| 47.5° | 3568.9 | 3688.6 | 3760.8 | 3784.9 | 3760.8 | 3688.6 | 3568.9 | 3402.3 | 3190.1 | 2933.4 | 2633.7 |
| 45° | 7884.9 | 8436.1 | 8768.5 | 8879.6 | 8768.5 | 8436.1 | 7884.9 | 7118.9 | 6143.7 | 4965.9 | 3739.5 |
| 42.5° | 12644.4 | 13208.5 | 13548.9 | 13662.7 | 13548.9 | 13208.5 | 12644.4 | 11861.3 | 10865.6 | 9665.1 | 8228.7 |
| 40° | 16947.7 | 17498.1 | 17830.4 | 17941.6 | 17830.4 | 17498.1 | 16947.7 | 16184.7 | 15216.1 | 14050.3 | 12583.3 |
| 37.5° | 21265.9 | 21891.4 | 22269.5 | 22396.0 | 22269.5 | 21891.4 | 21265.9 | 20400.1 | 19302.9 | 17985.5 | 16518.3 |
| 35° | 26046.5 | 26822.4 | 27292.1 | 27449.4 | 27292.1 | 26822.4 | 26046.5 | 24974.2 | 23618.5 | 22042.4 | 20390.0 |
| 32.5° | 32159.2 | 33299.3 | 33990.6 | 34222.2 | 33990.6 | 33299.3 | 32159.2 | 30587.1 | 28605.1 | 26546.1 | 24514.7 |
| 30° | 41137.4 | 43063.9 | 44234.2 | 44626.7 | 44234.2 | 43063.9 | 41137.4 | 38488.3 | 35159.6 | 32255.5 | 29303.0 |
| 27.5° | 51297.8 | 53466.7 | 54787.3 | 55230.9 | 54787.3 | 53466.7 | 51297.8 | 48325.8 | 44607.5 | 40288.8 | 35365.2 |
| 25° | 61410.0 | 63798.8 | 65258.1 | 65749.1 | 65258.1 | 63798.8 | 61410.0 | 58150.9 | 54085.4 | 49273.2 | 43835.3 |
| 22.5° | 72154.4 | 75177.7 | 77032.5 | 77657.9 | 77032.5 | 75177.7 | 72154.4 | 68053.5 | 63307.0 | 58076.2 | 52167.2 |
| 20° | 84476.9 | 88561.8 | 91082.5 | 91935.1 | 91082.5 | 88561.8 | 84476.9 | 78978.6 | 73139.7 | 66634.1 | 60124.3 |
| 17.5° | 98665.6 | 104108.9 | 107495.4 | 108646.0 | 107495.4 | 104108.9 | 98665.6 | 91491.3 | 83988.5 | 75776.6 | 67877.6 |
| 15° | 112493.5 | 117195.8 | 120156.5 | 121169.3 | 120156.5 | 117195.8 | 112493.5 | 105545.4 | 95723.2 | 85706.9 | 75776.6 |
| 12.5° | 122852.6 | 126623.0 | 128711.9 | 129353.5 | 128711.9 | 126623.0 | 122852.6 | 116370.8 | 107931.0 | 95723.2 | 83988.5 |
| 10° | 129413.9 | 132402.4 | 134007.6 | 134556.7 | 134007.6 | 132402.4 | 129413.9 | 124488.2 | 116370.8 | 105545.4 | 91491.3 |
| 7.5° | 133490.9 | 136272.7 | 137943.7 | 138532.6 | 137943.7 | 136272.7 | 133490.9 | 129413.9 | 122852.6 | 112493.5 | 98665.6 |
| 5° | 136272.7 | 139165.2 | 140959.6 | 141506.8 | 140959.6 | 139165.2 | 136272.7 | 132402.4 | 126623.0 | 117195.8 | 104108.9 |
| 2.5° | 137943.7 | 140959.6 | 141821.9 | 141792.5 | 141821.9 | 140959.6 | 137943.7 | 134007.6 | 128711.9 | 120156.5 | 107495.4 |
| 0° | 138532.6 | 141506.8 | 141792.5 | 141245.2 | 141792.5 | 141506.8 | 138532.6 | 134556.7 | 129353.5 | 121169.3 | 108646.0 |
| -2.5° | 137943.7 | 140959.6 | 141821.9 | 141792.5 | 141821.9 | 140959.6 | 137943.7 | 134007.6 | 128711.9 | 120156.5 | 107495.4 |
| -5° | 136272.7 | 139165.2 | 140959.6 | 141506.8 | 140959.6 | 139165.2 | 136272.7 | 132402.4 | 126623.0 | 117195.8 | 104108.9 |
| -7.5° | 133490.9 | 136272.7 | 137943.7 | 138532.6 | 137943.7 | 136272.7 | 133490.9 | 129413.9 | 122852.6 | 112493.5 | 98665.6 |
| -10° | 129413.9 | 132402.4 | 134007.6 | 134556.7 | 134007.6 | 132402.4 | 129413.9 | 124488.2 | 116370.8 | 105545.4 | 91491.3 |
| -12.5° | 122852.6 | 126623.0 | 128711.9 | 129353.5 | 128711.9 | 126623.0 | 122852.6 | 116370.8 | 107931.0 | 95723.2 | 83988.5 |
| -15° | 112493.5 | 117195.8 | 120156.5 | 121169.3 | 120156.5 | 117195.8 | 112493.5 | 105545.4 | 95723.2 | 85706.9 | 75776.6 |
| -17.5° | 98665.6 | 104108.9 | 107495.4 | 108646.0 | 107495.4 | 104108.9 | 98665.6 | 91491.3 | 83988.5 | 75776.6 | 67877.6 |
| -20° | 84476.9 | 88561.8 | 91082.5 | 91935.1 | 91082.5 | 88561.8 | 84476.9 | 78978.6 | 73139.7 | 66634.1 | 60124.3 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 72154.4 | 75177.7 | 77032.5 | 77657.9 | 77032.5 | 75177.7 | 72154.4 | 68053.5 | 63307.0 | 58076.2 | 52167.2 |
| -25° | 61410.0 | 63798.8 | 65258.1 | 65749.1 | 65258.1 | 63798.8 | 61410.0 | 58150.9 | 54085.4 | 49273.2 | 43835.3 |
| -27.5° | 51297.8 | 53466.7 | 54787.3 | 55230.9 | 54787.3 | 53466.7 | 51297.8 | 48325.8 | 44607.5 | 40288.8 | 35365.2 |
| -30° | 41137.4 | 43063.9 | 44234.2 | 44626.7 | 44234.2 | 43063.9 | 41137.4 | 38488.3 | 35159.6 | 32255.5 | 29303.0 |
| -32.5° | 32159.2 | 33299.3 | 33990.6 | 34222.2 | 33990.6 | 33299.3 | 32159.2 | 30587.1 | 28605.1 | 26546.1 | 24514.7 |
| -35° | 26046.5 | 26822.4 | 27292.1 | 27449.4 | 27292.1 | 26822.4 | 26046.5 | 24974.2 | 23618.5 | 22042.4 | 20390.0 |
| -37.5° | 21265.9 | 21891.4 | 22269.5 | 22396.0 | 22269.5 | 21891.4 | 21265.9 | 20400.1 | 19302.9 | 17985.5 | 16518.3 |
| -40° | 16947.7 | 17498.1 | 17830.4 | 17941.6 | 17830.4 | 17498.1 | 16947.7 | 16184.7 | 15216.1 | 14050.3 | 12583.3 |
| -42.5° | 12644.4 | 13208.5 | 13548.9 | 13662.7 | 13548.9 | 13208.5 | 12644.4 | 11861.3 | 10865.6 | 9665.1 | 8228.7 |
| -45° | 7884.9 | 8436.1 | 8768.5 | 8879.6 | 8768.5 | 8436.1 | 7884.9 | 7118.9 | 6143.7 | 4965.9 | 3739.5 |
| -47.5° | 3568.9 | 3688.6 | 3760.8 | 3784.9 | 3760.8 | 3688.6 | 3568.9 | 3402.3 | 3190.1 | 2933.4 | 2633.7 |
| -50° | 2516.8 | 2550.9 | 2571.4 | 2578.3 | 2571.4 | 2550.9 | 2516.8 | 2469.3 | 2408.7 | 2335.3 | 2249.5 |
| -52.5° | 2181.4 | 2193.4 | 2200.7 | 2203.1 | 2200.7 | 2193.4 | 2181.4 | 2164.6 | 2143.2 | 2117.3 | 2086.9 |
| -55° | 2014.2 | 2038.8 | 2053.6 | 2058.5 | 2053.6 | 2038.8 | 2014.2 | 1979.9 | 1936.1 | 1883.0 | 1820.8 |
| -57.5° | 1688.1 | 1714.1 | 1729.7 | 1734.9 | 1729.7 | 1714.1 | 1688.1 | 1651.9 | 1605.7 | 1549.5 | 1483.7 |
| -60° | 1322.4 | 1343.1 | 1355.5 | 1359.7 | 1355.5 | 1343.1 | 1322.4 | 1293.4 | 1256.5 | 1211.6 | 1158.9 |
| -62.5° | 1000.2 | 1016.3 | 1026.1 | 1029.3 | 1026.1 | 1016.3 | 1000.2 | 977.6 | 948.7 | 913.6 | 872.4 |
| -65° | 722.1 | 734.0 | 741.1 | 743.5 | 741.1 | 734.0 | 722.1 | 705.6 | 684.4 | 658.6 | 628.3 |
| -67.5° | 494.3 | 502.7 | 507.8 | 509.5 | 507.8 | 502.7 | 494.3 | 482.5 | 467.4 | 449.0 | 427.4 |
| -70° | 312.1 | 317.5 | 320.8 | 321.9 | 320.8 | 317.5 | 312.1 | 304.5 | 294.7 | 282.8 | 268.9 |
| -72.5° | 179.7 | 182.2 | 183.7 | 184.2 | 183.7 | 182.2 | 179.7 | 176.3 | 171.8 | 166.4 | 160.1 |
| -75° | 109.3 | 110.7 | 111.6 | 111.9 | 111.6 | 110.7 | 109.3 | 107.2 | 104.6 | 101.5 | 97.7 |
| -77.5° | 60.8 | 61.5 | 61.9 | 62.0 | 61.9 | 61.5 | 60.8 | 59.9 | 58.7 | 57.2 | 55.5 |
| -80° | 34.0 | 34.2 | 34.4 | 34.4 | 34.4 | 34.2 | 34.0 | 33.7 | 33.3 | 32.7 | 32.2 |
| -82.5° | 22.2 | 22.3 | 22.4 | 22.4 | 22.4 | 22.3 | 22.2 | 22.0 | 21.8 | 21.5 | 21.2 |
| -85° | 13.7 | 13.7 | 13.8 | 13.8 | 13.8 | 13.7 | 13.7 | 13.6 | 13.5 | 13.3 | 13.2 |
| -87.5° | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-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° | 6.5 | 6.4 | 6.3 | 6.1 | 6.0 | 5.8 | 5.7 | 5.5 | 5.3 | 5.1 | 4.9 |
| 85° | 13.0 | 12.7 | 12.5 | 12.2 | 11.9 | 11.6 | 11.3 | 10.9 | 10.6 | 10.2 | 9.8 |
| 82.5° | 20.8 | 20.4 | 20.0 | 19.5 | 18.9 | 18.3 | 17.7 | 17.0 | 16.3 | 15.6 | 14.8 |
| 80° | 31.5 | 30.7 | 29.9 | 28.9 | 27.9 | 26.8 | 25.7 | 24.4 | 23.1 | 21.9 | 20.9 |
| 77.5° | 53.6 | 51.3 | 48.9 | 46.2 | 43.3 | 40.1 | 36.7 | 33.9 | 32.2 | 30.5 | 28.7 |
| 75° | 93.5 | 88.6 | 83.3 | 77.4 | 71.0 | 64.2 | 59.1 | 54.8 | 50.2 | 45.4 | 40.4 |
| 72.5° | 152.8 | 144.6 | 135.5 | 125.5 | 114.6 | 105.7 | 97.1 | 88.0 | 78.3 | 68.2 | 59.5 |
| 70° | 252.9 | 234.9 | 214.9 | 193.0 | 176.4 | 163.0 | 148.6 | 133.4 | 117.4 | 104.0 | 91.8 |
| 67.5° | 402.6 | 374.8 | 343.9 | 313.3 | 286.4 | 257.4 | 226.5 | 193.8 | 171.1 | 152.0 | 132.1 |
| 65° | 593.6 | 554.7 | 511.5 | 473.2 | 432.1 | 388.0 | 341.0 | 299.3 | 260.7 | 220.3 | 181.0 |
| 62.5° | 825.3 | 772.3 | 719.1 | 666.6 | 609.8 | 548.7 | 488.9 | 433.7 | 375.6 | 316.6 | 269.9 |
| 60° | 1098.6 | 1030.9 | 966.0 | 895.3 | 818.8 | 738.0 | 666.6 | 591.0 | 511.5 | 444.3 | 374.8 |
| 57.5° | 1408.4 | 1328.3 | 1246.2 | 1156.6 | 1059.8 | 966.0 | 870.6 | 769.9 | 678.5 | 587.8 | 496.7 |
| 55° | 1749.7 | 1659.8 | 1558.0 | 1447.0 | 1331.2 | 1218.4 | 1098.6 | 979.9 | 865.2 | 745.4 | 643.1 |
| 52.5° | 2044.7 | 1958.0 | 1862.5 | 1758.5 | 1632.3 | 1493.6 | 1348.1 | 1211.6 | 1068.5 | 934.2 | 800.3 |
| 50° | 2183.4 | 2141.3 | 2095.0 | 2027.6 | 1906.5 | 1777.4 | 1625.6 | 1458.9 | 1293.4 | 1133.5 | 976.0 |
| 47.5° | 2489.5 | 2371.3 | 2241.4 | 2163.6 | 2105.3 | 2024.2 | 1877.5 | 1721.5 | 1534.8 | 1343.1 | 1166.2 |
| 45° | 3370.4 | 2959.3 | 2556.6 | 2404.9 | 2242.3 | 2151.6 | 2081.4 | 1945.1 | 1773.4 | 1573.1 | 1359.7 |
| 42.5° | 6542.7 | 4669.3 | 3509.0 | 2984.6 | 2530.3 | 2345.5 | 2183.0 | 2104.6 | 1979.2 | 1790.2 | 1573.1 |
| 40° | 10872.8 | 8976.7 | 6779.0 | 4404.0 | 3331.6 | 2697.2 | 2408.2 | 2198.9 | 2112.4 | 1979.2 | 1773.4 |
| 37.5° | 14865.5 | 12965.1 | 10742.8 | 8320.5 | 5615.2 | 3542.7 | 2835.2 | 2429.2 | 2198.9 | 2104.6 | 1945.1 |
| 35° | 18532.3 | 16542.8 | 14410.0 | 11944.3 | 9236.7 | 6227.7 | 3613.6 | 2835.2 | 2408.2 | 2183.0 | 2081.4 |
| 32.5° | 22257.8 | 20056.0 | 17686.9 | 15247.3 | 12552.6 | 9533.0 | 6227.7 | 3542.7 | 2697.2 | 2345.5 | 2151.6 |
| 30° | 26375.4 | 23689.6 | 20988.6 | 18280.5 | 15528.9 | 12552.6 | 9236.7 | 5615.2 | 3331.6 | 2530.3 | 2242.3 |
| 27.5° | 31409.6 | 27541.2 | 24426.7 | 21302.7 | 18280.5 | 15247.3 | 11944.3 | 8320.5 | 4404.0 | 2984.6 | 2404.9 |
| 25° | 37933.1 | 32483.2 | 28057.8 | 24426.7 | 20988.6 | 17686.9 | 14410.0 | 10742.8 | 6779.0 | 3509.0 | 2556.6 |
| 22.5° | 45669.5 | 38801.4 | 32483.2 | 27541.2 | 23689.6 | 20056.0 | 16542.8 | 12965.1 | 8976.7 | 4669.3 | 2959.3 |
| 20° | 53148.7 | 45669.5 | 37933.1 | 31409.6 | 26375.4 | 22257.8 | 18532.3 | 14865.5 | 10872.8 | 6542.7 | 3370.4 |
| 17.5° | 60124.3 | 52167.2 | 43835.3 | 35365.2 | 29303.0 | 24514.7 | 20390.0 | 16518.3 | 12583.3 | 8228.7 | 3739.5 |
| 15° | 66634.1 | 58076.2 | 49273.2 | 40288.8 | 32255.5 | 26546.1 | 22042.4 | 17985.5 | 14050.3 | 9665.1 | 4965.9 |
| 12.5° | 73139.7 | 63307.0 | 54085.4 | 44607.5 | 35159.6 | 28605.1 | 23618.5 | 19302.9 | 15216.1 | 10865.6 | 6143.7 |
| 10° | 78978.6 | 68053.5 | 58150.9 | 48325.8 | 38488.3 | 30587.1 | 24974.2 | 20400.1 | 16184.7 | 11861.3 | 7118.9 |
| 7.5° | 84476.9 | 72154.4 | 61410.0 | 51297.8 | 41137.4 | 32159.2 | 26046.5 | 21265.9 | 16947.7 | 12644.4 | 7884.9 |
| 5° | 88561.8 | 75177.7 | 63798.8 | 53466.7 | 43063.9 | 33299.3 | 26822.4 | 21891.4 | 17498.1 | 13208.5 | 8436.1 |
| 2.5° | 91082.5 | 77032.5 | 65258.1 | 54787.3 | 44234.2 | 33990.6 | 27292.1 | 22269.5 | 17830.4 | 13548.9 | 8768.5 |
| 0° | 91935.1 | 77657.9 | 65749.1 | 55230.9 | 44626.7 | 34222.2 | 27449.4 | 22396.0 | 17941.6 | 13662.7 | 8879.6 |
| -2.5° | 91082.5 | 77032.5 | 65258.1 | 54787.3 | 44234.2 | 33990.6 | 27292.1 | 22269.5 | 17830.4 | 13548.9 | 8768.5 |
| -5° | 88561.8 | 75177.7 | 63798.8 | 53466.7 | 43063.9 | 33299.3 | 26822.4 | 21891.4 | 17498.1 | 13208.5 | 8436.1 |
| -7.5° | 84476.9 | 72154.4 | 61410.0 | 51297.8 | 41137.4 | 32159.2 | 26046.5 | 21265.9 | 16947.7 | 12644.4 | 7884.9 |
| -10° | 78978.6 | 68053.5 | 58150.9 | 48325.8 | 38488.3 | 30587.1 | 24974.2 | 20400.1 | 16184.7 | 11861.3 | 7118.9 |
| -12.5° | 73139.7 | 63307.0 | 54085.4 | 44607.5 | 35159.6 | 28605.1 | 23618.5 | 19302.9 | 15216.1 | 10865.6 | 6143.7 |
| -15° | 66634.1 | 58076.2 | 49273.2 | 40288.8 | 32255.5 | 26546.1 | 22042.4 | 17985.5 | 14050.3 | 9665.1 | 4965.9 |
| -17.5° | 60124.3 | 52167.2 | 43835.3 | 35365.2 | 29303.0 | 24514.7 | 20390.0 | 16518.3 | 12583.3 | 8228.7 | 3739.5 |
| -20° | 53148.7 | 45669.5 | 37933.1 | 31409.6 | 26375.4 | 22257.8 | 18532.3 | 14865.5 | 10872.8 | 6542.7 | 3370.4 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -22.5° | 45669.5 | 38801.4 | 32483.2 | 27541.2 | 23689.6 | 20056.0 | 16542.8 | 12965.1 | 8976.7 | 4669.3 | 2959.3 |
| -25° | 37933.1 | 32483.2 | 28057.8 | 24426.7 | 20988.6 | 17686.9 | 14410.0 | 10742.8 | 6779.0 | 3509.0 | 2556.6 |
| -27.5° | 31409.6 | 27541.2 | 24426.7 | 21302.7 | 18280.5 | 15247.3 | 11944.3 | 8320.5 | 4404.0 | 2984.6 | 2404.9 |
| -30° | 26375.4 | 23689.6 | 20988.6 | 18280.5 | 15528.9 | 12552.6 | 9236.7 | 5615.2 | 3331.6 | 2530.3 | 2242.3 |
| -32.5° | 22257.8 | 20056.0 | 17686.9 | 15247.3 | 12552.6 | 9533.0 | 6227.7 | 3542.7 | 2697.2 | 2345.5 | 2151.6 |
| -35° | 18532.3 | 16542.8 | 14410.0 | 11944.3 | 9236.7 | 6227.7 | 3613.6 | 2835.2 | 2408.2 | 2183.0 | 2081.4 |
| -37.5° | 14865.5 | 12965.1 | 10742.8 | 8320.5 | 5615.2 | 3542.7 | 2835.2 | 2429.2 | 2198.9 | 2104.6 | 1945.1 |
| -40° | 10872.8 | 8976.7 | 6779.0 | 4404.0 | 3331.6 | 2697.2 | 2408.2 | 2198.9 | 2112.4 | 1979.2 | 1773.4 |
| -42.5° | 6542.7 | 4669.3 | 3509.0 | 2984.6 | 2530.3 | 2345.5 | 2183.0 | 2104.6 | 1979.2 | 1790.2 | 1573.1 |
| -45° | 3370.4 | 2959.3 | 2556.6 | 2404.9 | 2242.3 | 2151.6 | 2081.4 | 1945.1 | 1773.4 | 1573.1 | 1359.7 |
| -47.5° | 2489.5 | 2371.3 | 2241.4 | 2163.6 | 2105.3 | 2024.2 | 1877.5 | 1721.5 | 1534.8 | 1343.1 | 1166.2 |
| -50° | 2183.4 | 2141.3 | 2095.0 | 2027.6 | 1906.5 | 1777.4 | 1625.6 | 1458.9 | 1293.4 | 1133.5 | 976.0 |
| -52.5° | 2044.7 | 1958.0 | 1862.5 | 1758.5 | 1632.3 | 1493.6 | 1348.1 | 1211.6 | 1068.5 | 934.2 | 800.3 |
| -55° | 1749.7 | 1659.8 | 1558.0 | 1447.0 | 1331.2 | 1218.4 | 1098.6 | 979.9 | 865.2 | 745.4 | 643.1 |
| -57.5° | 1408.4 | 1328.3 | 1246.2 | 1156.6 | 1059.8 | 966.0 | 870.6 | 769.9 | 678.5 | 587.8 | 496.7 |
| -60° | 1098.6 | 1030.9 | 966.0 | 895.3 | 818.8 | 738.0 | 666.6 | 591.0 | 511.5 | 444.3 | 374.8 |
| -62.5° | 825.3 | 772.3 | 719.1 | 666.6 | 609.8 | 548.7 | 488.9 | 433.7 | 375.6 | 316.6 | 269.9 |
| -65° | 593.6 | 554.7 | 511.5 | 473.2 | 432.1 | 388.0 | 341.0 | 299.3 | 260.7 | 220.3 | 181.0 |
| -67.5° | 402.6 | 374.8 | 343.9 | 313.3 | 286.4 | 257.4 | 226.5 | 193.8 | 171.1 | 152.0 | 132.1 |
| -70° | 252.9 | 234.9 | 214.9 | 193.0 | 176.4 | 163.0 | 148.6 | 133.4 | 117.4 | 104.0 | 91.8 |
| -72.5° | 152.8 | 144.6 | 135.5 | 125.5 | 114.6 | 105.7 | 97.1 | 88.0 | 78.3 | 68.2 | 59.5 |
| -75° | 93.5 | 88.6 | 83.3 | 77.4 | 71.0 | 64.2 | 59.1 | 54.8 | 50.2 | 45.4 | 40.4 |
| -77.5° | 53.6 | 51.3 | 48.9 | 46.2 | 43.3 | 40.1 | 36.7 | 33.9 | 32.2 | 30.5 | 28.7 |
| -80° | 31.5 | 30.7 | 29.9 | 28.9 | 27.9 | 26.8 | 25.7 | 24.4 | 23.1 | 21.9 | 20.9 |
| -82.5° | 20.8 | 20.4 | 20.0 | 19.5 | 18.9 | 18.3 | 17.7 | 17.0 | 16.3 | 15.6 | 14.8 |
| -85° | 13.0 | 12.7 | 12.5 | 12.2 | 11.9 | 11.6 | 11.3 | 10.9 | 10.6 | 10.2 | 9.8 |
| -87.5° | 6.5 | 6.4 | 6.3 | 6.1 | 6.0 | 5.8 | 5.7 | 5.5 | 5.3 | 5.1 | 4.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-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° | 4.7 | 4.4 | 4.2 | 4.0 | 3.7 | 3.4 | 3.2 | 2.9 | 2.6 | 2.4 | 2.1 |
| 85° | 9.3 | 8.9 | 8.4 | 7.9 | 7.4 | 6.9 | 6.4 | 5.8 | 5.3 | 4.7 | 4.1 |
| 82.5° | 14.0 | 13.3 | 12.6 | 11.9 | 11.1 | 10.3 | 9.5 | 8.7 | 7.9 | 7.1 | 6.2 |
| 80° | 19.8 | 18.6 | 17.5 | 16.3 | 15.0 | 13.7 | 12.7 | 11.6 | 10.5 | 9.4 | 8.3 |
| 77.5° | 26.8 | 24.8 | 22.7 | 21.1 | 19.6 | 18.0 | 16.3 | 14.7 | 13.1 | 11.7 | 10.3 |
| 75° | 35.2 | 32.4 | 29.9 | 27.4 | 24.8 | 22.2 | 20.2 | 18.2 | 16.2 | 14.1 | 12.3 |
| 72.5° | 53.4 | 47.0 | 40.4 | 34.1 | 31.0 | 27.9 | 24.7 | 21.7 | 19.3 | 16.9 | 14.4 |
| 70° | 79.2 | 66.0 | 56.7 | 48.9 | 40.9 | 33.7 | 30.0 | 26.3 | 22.5 | 19.7 | 16.9 |
| 67.5° | 111.6 | 96.7 | 81.4 | 65.6 | 55.0 | 45.8 | 36.4 | 31.1 | 26.8 | 22.5 | 19.3 |
| 65° | 157.9 | 134.0 | 110.1 | 92.5 | 74.5 | 58.7 | 48.2 | 37.6 | 31.1 | 26.3 | 21.7 |
| 62.5° | 221.5 | 177.4 | 150.2 | 122.3 | 99.2 | 78.9 | 59.9 | 48.2 | 36.4 | 30.0 | 24.7 |
| 60° | 307.7 | 252.9 | 196.4 | 160.1 | 128.8 | 101.5 | 78.9 | 58.7 | 45.8 | 33.7 | 27.9 |
| 57.5° | 418.3 | 337.2 | 271.9 | 209.0 | 163.4 | 128.8 | 99.2 | 74.5 | 55.0 | 40.9 | 31.0 |
| 55° | 537.5 | 444.6 | 354.7 | 278.2 | 209.0 | 160.1 | 122.3 | 92.5 | 65.6 | 48.9 | 34.1 |
| 52.5° | 676.6 | 559.6 | 453.4 | 354.7 | 271.9 | 196.4 | 150.2 | 110.1 | 81.4 | 56.7 | 40.4 |
| 50° | 827.9 | 687.8 | 559.6 | 444.6 | 337.2 | 252.9 | 177.4 | 134.0 | 96.7 | 66.0 | 47.0 |
| 47.5° | 990.0 | 827.9 | 676.6 | 537.5 | 418.3 | 307.7 | 221.5 | 157.9 | 111.6 | 79.2 | 53.4 |
| 45° | 1166.2 | 976.0 | 800.3 | 643.1 | 496.7 | 374.8 | 269.9 | 181.0 | 132.1 | 91.8 | 59.5 |
| 42.5° | 1343.1 | 1133.5 | 934.2 | 745.4 | 587.8 | 444.3 | 316.6 | 220.3 | 152.0 | 104.0 | 68.2 |
| 40° | 1534.8 | 1293.4 | 1068.5 | 865.2 | 678.5 | 511.5 | 375.6 | 260.7 | 171.1 | 117.4 | 78.3 |
| 37.5° | 1721.5 | 1458.9 | 1211.6 | 979.9 | 769.9 | 591.0 | 433.7 | 299.3 | 193.8 | 133.4 | 88.0 |
| 35° | 1877.5 | 1625.6 | 1348.1 | 1098.6 | 870.6 | 666.6 | 488.9 | 341.0 | 226.5 | 148.6 | 97.1 |
| 32.5° | 2024.2 | 1777.4 | 1493.6 | 1218.4 | 966.0 | 738.0 | 548.7 | 388.0 | 257.4 | 163.0 | 105.7 |
| 30° | 2105.3 | 1906.5 | 1632.3 | 1331.2 | 1059.8 | 818.8 | 609.8 | 432.1 | 286.4 | 176.4 | 114.6 |
| 27.5° | 2163.6 | 2027.6 | 1758.5 | 1447.0 | 1156.6 | 895.3 | 666.6 | 473.2 | 313.3 | 193.0 | 125.5 |
| 25° | 2241.4 | 2095.0 | 1862.5 | 1558.0 | 1246.2 | 966.0 | 719.1 | 511.5 | 343.9 | 214.9 | 135.5 |
| 22.5° | 2371.3 | 2141.3 | 1958.0 | 1659.8 | 1328.3 | 1030.9 | 772.3 | 554.7 | 374.8 | 234.9 | 144.6 |
| 20° | 2489.5 | 2183.4 | 2044.7 | 1749.7 | 1408.4 | 1098.6 | 825.3 | 593.6 | 402.6 | 252.9 | 152.8 |
| 17.5° | 2633.7 | 2249.5 | 2086.9 | 1820.8 | 1483.7 | 1158.9 | 872.4 | 628.3 | 427.4 | 268.9 | 160.1 |
| 15° | 2933.4 | 2335.3 | 2117.3 | 1883.0 | 1549.5 | 1211.6 | 913.6 | 658.6 | 449.0 | 282.8 | 166.4 |
| 12.5° | 3190.1 | 2408.7 | 2143.2 | 1936.1 | 1605.7 | 1256.5 | 948.7 | 684.4 | 467.4 | 294.7 | 171.8 |
| 10° | 3402.3 | 2469.3 | 2164.6 | 1979.9 | 1651.9 | 1293.4 | 977.6 | 705.6 | 482.5 | 304.5 | 176.3 |
| 7.5° | 3568.9 | 2516.8 | 2181.4 | 2014.2 | 1688.1 | 1322.4 | 1000.2 | 722.1 | 494.3 | 312.1 | 179.7 |
| 5° | 3688.6 | 2550.9 | 2193.4 | 2038.8 | 1714.1 | 1343.1 | 1016.3 | 734.0 | 502.7 | 317.5 | 182.2 |
| 2.5° | 3760.8 | 2571.4 | 2200.7 | 2053.6 | 1729.7 | 1355.5 | 1026.1 | 741.1 | 507.8 | 320.8 | 183.7 |
| 0° | 3784.9 | 2578.3 | 2203.1 | 2058.5 | 1734.9 | 1359.7 | 1029.3 | 743.5 | 509.5 | 321.9 | 184.2 |
| -2.5° | 3760.8 | 2571.4 | 2200.7 | 2053.6 | 1729.7 | 1355.5 | 1026.1 | 741.1 | 507.8 | 320.8 | 183.7 |
| -5° | 3688.6 | 2550.9 | 2193.4 | 2038.8 | 1714.1 | 1343.1 | 1016.3 | 734.0 | 502.7 | 317.5 | 182.2 |
| -7.5° | 3568.9 | 2516.8 | 2181.4 | 2014.2 | 1688.1 | 1322.4 | 1000.2 | 722.1 | 494.3 | 312.1 | 179.7 |
| -10° | 3402.3 | 2469.3 | 2164.6 | 1979.9 | 1651.9 | 1293.4 | 977.6 | 705.6 | 482.5 | 304.5 | 176.3 |
| -12.5° | 3190.1 | 2408.7 | 2143.2 | 1936.1 | 1605.7 | 1256.5 | 948.7 | 684.4 | 467.4 | 294.7 | 171.8 |
| -15° | 2933.4 | 2335.3 | 2117.3 | 1883.0 | 1549.5 | 1211.6 | 913.6 | 658.6 | 449.0 | 282.8 | 166.4 |
| -17.5° | 2633.7 | 2249.5 | 2086.9 | 1820.8 | 1483.7 | 1158.9 | 872.4 | 628.3 | 427.4 | 268.9 | 160.1 |
| -20° | 2489.5 | 2183.4 | 2044.7 | 1749.7 | 1408.4 | 1098.6 | 825.3 | 593.6 | 402.6 | 252.9 | 152.8 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2371.3 | 2141.3 | 1958.0 | 1659.8 | 1328.3 | 1030.9 | 772.3 | 554.7 | 374.8 | 234.9 | 144.6 |
| -25° | 2241.4 | 2095.0 | 1862.5 | 1558.0 | 1246.2 | 966.0 | 719.1 | 511.5 | 343.9 | 214.9 | 135.5 |
| -27.5° | 2163.6 | 2027.6 | 1758.5 | 1447.0 | 1156.6 | 895.3 | 666.6 | 473.2 | 313.3 | 193.0 | 125.5 |
| -30° | 2105.3 | 1906.5 | 1632.3 | 1331.2 | 1059.8 | 818.8 | 609.8 | 432.1 | 286.4 | 176.4 | 114.6 |
| -32.5° | 2024.2 | 1777.4 | 1493.6 | 1218.4 | 966.0 | 738.0 | 548.7 | 388.0 | 257.4 | 163.0 | 105.7 |
| -35° | 1877.5 | 1625.6 | 1348.1 | 1098.6 | 870.6 | 666.6 | 488.9 | 341.0 | 226.5 | 148.6 | 97.1 |
| -37.5° | 1721.5 | 1458.9 | 1211.6 | 979.9 | 769.9 | 591.0 | 433.7 | 299.3 | 193.8 | 133.4 | 88.0 |
| -40° | 1534.8 | 1293.4 | 1068.5 | 865.2 | 678.5 | 511.5 | 375.6 | 260.7 | 171.1 | 117.4 | 78.3 |
| -42.5° | 1343.1 | 1133.5 | 934.2 | 745.4 | 587.8 | 444.3 | 316.6 | 220.3 | 152.0 | 104.0 | 68.2 |
| -45° | 1166.2 | 976.0 | 800.3 | 643.1 | 496.7 | 374.8 | 269.9 | 181.0 | 132.1 | 91.8 | 59.5 |
| -47.5° | 990.0 | 827.9 | 676.6 | 537.5 | 418.3 | 307.7 | 221.5 | 157.9 | 111.6 | 79.2 | 53.4 |
| -50° | 827.9 | 687.8 | 559.6 | 444.6 | 337.2 | 252.9 | 177.4 | 134.0 | 96.7 | 66.0 | 47.0 |
| -52.5° | 676.6 | 559.6 | 453.4 | 354.7 | 271.9 | 196.4 | 150.2 | 110.1 | 81.4 | 56.7 | 40.4 |
| -55° | 537.5 | 444.6 | 354.7 | 278.2 | 209.0 | 160.1 | 122.3 | 92.5 | 65.6 | 48.9 | 34.1 |
| -57.5° | 418.3 | 337.2 | 271.9 | 209.0 | 163.4 | 128.8 | 99.2 | 74.5 | 55.0 | 40.9 | 31.0 |
| -60° | 307.7 | 252.9 | 196.4 | 160.1 | 128.8 | 101.5 | 78.9 | 58.7 | 45.8 | 33.7 | 27.9 |
| -62.5° | 221.5 | 177.4 | 150.2 | 122.3 | 99.2 | 78.9 | 59.9 | 48.2 | 36.4 | 30.0 | 24.7 |
| -65° | 157.9 | 134.0 | 110.1 | 92.5 | 74.5 | 58.7 | 48.2 | 37.6 | 31.1 | 26.3 | 21.7 |
| -67.5° | 111.6 | 96.7 | 81.4 | 65.6 | 55.0 | 45.8 | 36.4 | 31.1 | 26.8 | 22.5 | 19.3 |
| -70° | 79.2 | 66.0 | 56.7 | 48.9 | 40.9 | 33.7 | 30.0 | 26.3 | 22.5 | 19.7 | 16.9 |
| -72.5° | 53.4 | 47.0 | 40.4 | 34.1 | 31.0 | 27.9 | 24.7 | 21.7 | 19.3 | 16.9 | 14.4 |
| -75° | 35.2 | 32.4 | 29.9 | 27.4 | 24.8 | 22.2 | 20.2 | 18.2 | 16.2 | 14.1 | 12.3 |
| -77.5° | 26.8 | 24.8 | 22.7 | 21.1 | 19.6 | 18.0 | 16.3 | 14.7 | 13.1 | 11.7 | 10.3 |
| -80° | 19.8 | 18.6 | 17.5 | 16.3 | 15.0 | 13.7 | 12.7 | 11.6 | 10.5 | 9.4 | 8.3 |
| -82.5° | 14.0 | 13.3 | 12.6 | 11.9 | 11.1 | 10.3 | 9.5 | 8.7 | 7.9 | 7.1 | 6.2 |
| -85° | 9.3 | 8.9 | 8.4 | 7.9 | 7.4 | 6.9 | 6.4 | 5.8 | 5.3 | 4.7 | 4.1 |
| -87.5° | 4.7 | 4.4 | 4.2 | 4.0 | 3.7 | 3.4 | 3.2 | 2.9 | 2.6 | 2.4 | 2.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.8 | 1.5 | 1.2 | 0.9 | 0.6 | 0.3 | 0.0 |
| 85° | 3.6 | 3.0 | 2.4 | 1.8 | 1.2 | 0.6 | 0.0 |
| 82.5° | 5.3 | 4.5 | 3.6 | 2.7 | 1.8 | 0.9 | 0.0 |
| 80° | 7.1 | 5.9 | 4.8 | 3.6 | 2.4 | 1.2 | 0.0 |
| 77.5° | 8.9 | 7.4 | 5.9 | 4.5 | 3.0 | 1.5 | 0.0 |
| 75° | 10.6 | 8.9 | 7.1 | 5.3 | 3.6 | 1.8 | 0.0 |
| 72.5° | 12.3 | 10.3 | 8.3 | 6.2 | 4.1 | 2.1 | 0.0 |
| 70° | 14.1 | 11.7 | 9.4 | 7.1 | 4.7 | 2.4 | 0.0 |
| 67.5° | 16.2 | 13.1 | 10.5 | 7.9 | 5.3 | 2.6 | 0.0 |
| 65° | 18.2 | 14.7 | 11.6 | 8.7 | 5.8 | 2.9 | 0.0 |
| 62.5° | 20.2 | 16.3 | 12.7 | 9.5 | 6.4 | 3.2 | 0.0 |
| 60° | 22.2 | 18.0 | 13.7 | 10.3 | 6.9 | 3.4 | 0.0 |
| 57.5° | 24.8 | 19.6 | 15.0 | 11.1 | 7.4 | 3.7 | 0.0 |
| 55° | 27.4 | 21.1 | 16.3 | 11.9 | 7.9 | 4.0 | 0.0 |
| 52.5° | 29.9 | 22.7 | 17.5 | 12.6 | 8.4 | 4.2 | 0.0 |
| 50° | 32.4 | 24.8 | 18.6 | 13.3 | 8.9 | 4.4 | 0.0 |
| 47.5° | 35.2 | 26.8 | 19.8 | 14.0 | 9.3 | 4.7 | 0.0 |
| 45° | 40.4 | 28.7 | 20.9 | 14.8 | 9.8 | 4.9 | 0.0 |
| 42.5° | 45.4 | 30.5 | 21.9 | 15.6 | 10.2 | 5.1 | 0.0 |
| 40° | 50.2 | 32.2 | 23.1 | 16.3 | 10.6 | 5.3 | 0.0 |
| 37.5° | 54.8 | 33.9 | 24.4 | 17.0 | 10.9 | 5.5 | 0.0 |
| 35° | 59.1 | 36.7 | 25.7 | 17.7 | 11.3 | 5.7 | 0.0 |
| 32.5° | 64.2 | 40.1 | 26.8 | 18.3 | 11.6 | 5.8 | 0.0 |
| 30° | 71.0 | 43.3 | 27.9 | 18.9 | 11.9 | 6.0 | 0.0 |
| 27.5° | 77.4 | 46.2 | 28.9 | 19.5 | 12.2 | 6.1 | 0.0 |
| 25° | 83.3 | 48.9 | 29.9 | 20.0 | 12.5 | 6.3 | 0.0 |
| 22.5° | 88.6 | 51.3 | 30.7 | 20.4 | 12.7 | 6.4 | 0.0 |
| 20° | 93.5 | 53.6 | 31.5 | 20.8 | 13.0 | 6.5 | 0.0 |
| 17.5° | 97.7 | 55.5 | 32.2 | 21.2 | 13.2 | 6.6 | 0.0 |
| 15° | 101.5 | 57.2 | 32.7 | 21.5 | 13.3 | 6.7 | 0.0 |
| 12.5° | 104.6 | 58.7 | 33.3 | 21.8 | 13.5 | 6.7 | 0.0 |
| 10° | 107.2 | 59.9 | 33.7 | 22.0 | 13.6 | 6.8 | 0.0 |
| 7.5° | 109.3 | 60.8 | 34.0 | 22.2 | 13.7 | 6.8 | 0.0 |
| 5° | 110.7 | 61.5 | 34.2 | 22.3 | 13.7 | 6.9 | 0.0 |
| 2.5° | 111.6 | 61.9 | 34.4 | 22.4 | 13.8 | 6.9 | 0.0 |
| 0° | 111.9 | 62.0 | 34.4 | 22.4 | 13.8 | 6.9 | 0.0 |
| -2.5° | 111.6 | 61.9 | 34.4 | 22.4 | 13.8 | 6.9 | 0.0 |
| -5° | 110.7 | 61.5 | 34.2 | 22.3 | 13.7 | 6.9 | 0.0 |
| -7.5° | 109.3 | 60.8 | 34.0 | 22.2 | 13.7 | 6.8 | 0.0 |
| -10° | 107.2 | 59.9 | 33.7 | 22.0 | 13.6 | 6.8 | 0.0 |
| -12.5° | 104.6 | 58.7 | 33.3 | 21.8 | 13.5 | 6.7 | 0.0 |
| -15° | 101.5 | 57.2 | 32.7 | 21.5 | 13.3 | 6.7 | 0.0 |
| -17.5° | 97.7 | 55.5 | 32.2 | 21.2 | 13.2 | 6.6 | 0.0 |
| -20° | 93.5 | 53.6 | 31.5 | 20.8 | 13.0 | 6.5 | 0.0 |



REPORT NUMBER: P1305987 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-57-80-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 88.6 | 51.3 | 30.7 | 20.4 | 12.7 | 6.4 | 0.0 |
| -25° | 83.3 | 48.9 | 29.9 | 20.0 | 12.5 | 6.3 | 0.0 |
| -27.5° | 77.4 | 46.2 | 28.9 | 19.5 | 12.2 | 6.1 | 0.0 |
| -30° | 71.0 | 43.3 | 27.9 | 18.9 | 11.9 | 6.0 | 0.0 |
| -32.5° | 64.2 | 40.1 | 26.8 | 18.3 | 11.6 | 5.8 | 0.0 |
| -35° | 59.1 | 36.7 | 25.7 | 17.7 | 11.3 | 5.7 | 0.0 |
| -37.5° | 54.8 | 33.9 | 24.4 | 17.0 | 10.9 | 5.5 | 0.0 |
| -40° | 50.2 | 32.2 | 23.1 | 16.3 | 10.6 | 5.3 | 0.0 |
| -42.5° | 45.4 | 30.5 | 21.9 | 15.6 | 10.2 | 5.1 | 0.0 |
| -45° | 40.4 | 28.7 | 20.9 | 14.8 | 9.8 | 4.9 | 0.0 |
| -47.5° | 35.2 | 26.8 | 19.8 | 14.0 | 9.3 | 4.7 | 0.0 |
| -50° | 32.4 | 24.8 | 18.6 | 13.3 | 8.9 | 4.4 | 0.0 |
| -52.5° | 29.9 | 22.7 | 17.5 | 12.6 | 8.4 | 4.2 | 0.0 |
| -55° | 27.4 | 21.1 | 16.3 | 11.9 | 7.9 | 4.0 | 0.0 |
| -57.5° | 24.8 | 19.6 | 15.0 | 11.1 | 7.4 | 3.7 | 0.0 |
| -60° | 22.2 | 18.0 | 13.7 | 10.3 | 6.9 | 3.4 | 0.0 |
| -62.5° | 20.2 | 16.3 | 12.7 | 9.5 | 6.4 | 3.2 | 0.0 |
| -65° | 18.2 | 14.7 | 11.6 | 8.7 | 5.8 | 2.9 | 0.0 |
| -67.5° | 16.2 | 13.1 | 10.5 | 7.9 | 5.3 | 2.6 | 0.0 |
| -70° | 14.1 | 11.7 | 9.4 | 7.1 | 4.7 | 2.4 | 0.0 |
| -72.5° | 12.3 | 10.3 | 8.3 | 6.2 | 4.1 | 2.1 | 0.0 |
| -75° | 10.6 | 8.9 | 7.1 | 5.3 | 3.6 | 1.8 | 0.0 |
| -77.5° | 8.9 | 7.4 | 5.9 | 4.5 | 3.0 | 1.5 | 0.0 |
| -80° | 7.1 | 5.9 | 4.8 | 3.6 | 2.4 | 1.2 | 0.0 |
| -82.5° | 5.3 | 4.5 | 3.6 | 2.7 | 1.8 | 0.9 | 0.0 |
| -85° | 3.6 | 3.0 | 2.4 | 1.8 | 1.2 | 0.6 | 0.0 |
| -87.5° | 1.8 | 1.5 | 1.2 | 0.9 | 0.6 | 0.3 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)