

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: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-4S-VHE-A**

Issue Date: 2/3/2026

Test Information

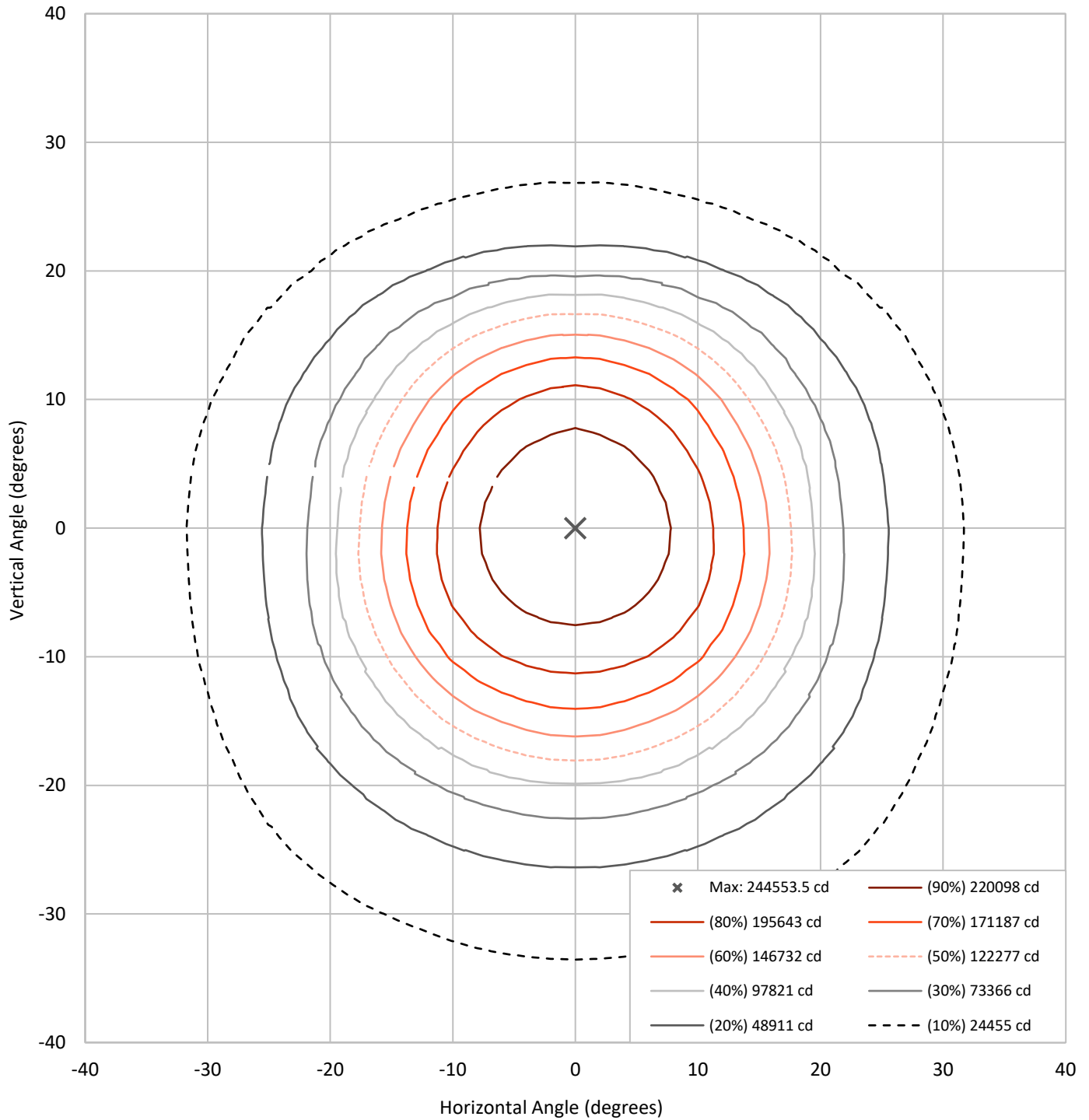
Test Method: LM-79-08
Report Number: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-70-4S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 101445.6 lumens | Max Intensity: | 244553.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 147.5 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 35.2°H x 34.7°V | Field Angle (10%): | 63.4°H x 60.3°V |
| Beam Lumens: | 54448.9 lumens | Field Lumens: | 88604.7 lumens |
| Beam Efficiency: | 53.7% | Field Efficiency: | 87.3% |
| 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: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

Iso-Candela Plot





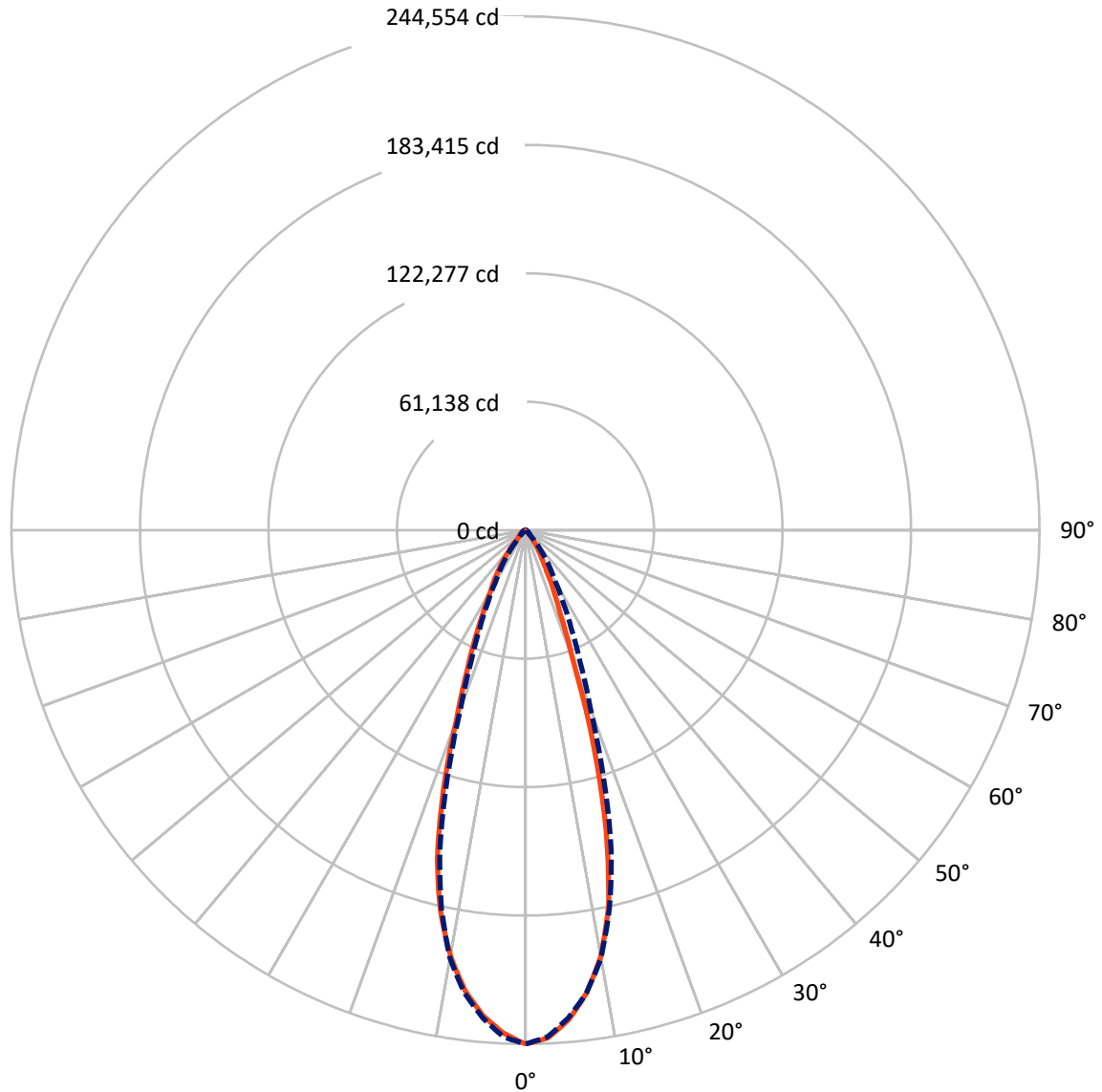
REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|------|-----|----|----|----|
| 90 | 0.3 | 1.1 | | 1.9 | | 2.6 | | 3.0 | | 2.6 | | 1.9 | | 1.1 | | 0.3 | | | |
| 80 | 0.3 | 1.1 | | 1.9 | | 2.6 | | 3.0 | | 2.6 | | 1.9 | | 1.1 | | 0.3 | | | |
| 70 | 0.4 | 0.2 | 0.3 | 0.6 | 0.9 | 0.7 | 0.7 | 0.8 | 0.8 | 0.7 | 0.7 | 0.9 | 0.6 | 0.3 | 0.2 | 0.4 | | | |
| 60 | | 0.5 | 0.8 | 1.4 | 1.3 | 1.0 | 1.2 | 1.4 | 1.4 | 1.2 | 1.0 | 1.3 | 1.4 | 0.8 | 0.5 | | | | |
| 50 | 1.0 | 1.3 | 2.8 | 5.8 | 10.6 | 16.8 | 24.6 | 31.8 | 31.8 | 24.6 | 16.8 | 10.6 | 5.8 | 2.8 | 1.3 | 1.0 | | | |
| 40 | | 3.0 | 9.7 | 18.4 | 30.3 | 70.0 | 156.6 | 253.7 | 253.7 | 156.6 | 70.0 | 30.3 | 18.4 | 9.7 | 3.0 | | | | |
| 30 | 2.2 | 5.3 | 16.1 | 31.2 | 97.9 | 301.2 | 657.2 | 996.5 | 996.5 | 657.2 | 301.2 | 97.9 | 31.2 | 16.1 | 5.3 | 2.2 | | | |
| 20 | | 7.2 | 21.1 | 49.9 | 254.8 | 845.1 | 2258.0 | 4012.3 | 4012.3 | 2258.0 | 845.1 | 254.8 | 49.9 | 21.1 | 7.2 | | | | |
| 10 | 3.3 | 8.8 | 24.8 | 69.2 | 398.8 | 1387.1 | 4105.4 | 6574.0 | 6574.0 | 4105.4 | 1387.1 | 398.8 | 69.2 | 24.8 | 8.8 | 3.3 | | | |
| 0 | | 9.9 | 27.5 | 77.4 | 427.5 | 1456.8 | 4304.0 | 6626.0 | 6626.0 | 4304.0 | 1456.8 | 427.5 | 77.4 | 27.5 | 9.9 | | | | |
| -10 | 3.7 | 10.1 | 29.1 | 71.2 | 341.2 | 1076.1 | 2709.2 | 4451.1 | 4451.1 | 2709.2 | 1076.1 | 341.2 | 71.2 | 29.1 | 10.1 | 3.7 | | | |
| -20 | | 9.5 | 29.0 | 61.1 | 187.7 | 597.7 | 1173.4 | 1694.5 | 1694.5 | 1173.4 | 597.7 | 187.7 | 61.1 | 29.0 | 9.5 | | | | |
| -30 | 3.5 | 8.1 | 26.1 | 51.1 | 90.2 | 221.8 | 446.8 | 617.7 | 617.7 | 446.8 | 221.8 | 90.2 | 51.1 | 26.1 | 8.1 | 3.5 | | | |
| -40 | | 6.3 | 19.6 | 40.9 | 64.5 | 89.5 | 122.1 | 156.3 | 156.3 | 122.1 | 89.5 | 64.5 | 40.9 | 19.6 | 6.3 | | | | |
| -50 | 3.0 | 4.7 | 12.2 | 26.6 | 45.9 | 61.9 | 74.7 | 83.8 | 83.8 | 74.7 | 61.9 | 45.9 | 26.6 | 12.2 | 4.7 | 3.0 | | | |
| -60 | | 3.5 | 7.2 | 13.5 | 23.0 | 32.6 | 41.5 | 47.4 | 47.4 | 41.5 | 32.6 | 23.0 | 13.5 | 7.2 | 3.5 | | | | |
| -70 | 2.2 | 4.7 | 12.2 | 26.6 | 45.9 | 61.9 | 74.7 | 83.8 | 83.8 | 74.7 | 61.9 | 45.9 | 26.6 | 12.2 | 4.7 | 2.2 | | | |
| -80 | | 3.5 | 7.2 | 13.5 | 23.0 | 32.6 | 41.5 | 47.4 | 47.4 | 41.5 | 32.6 | 23.0 | 13.5 | 7.2 | 3.5 | | | | |
| -90 | 2.2 | 12.8 | | 29.0 | | 46.9 | | 57.5 | | 46.9 | | 29.0 | | 12.8 | | 2.2 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

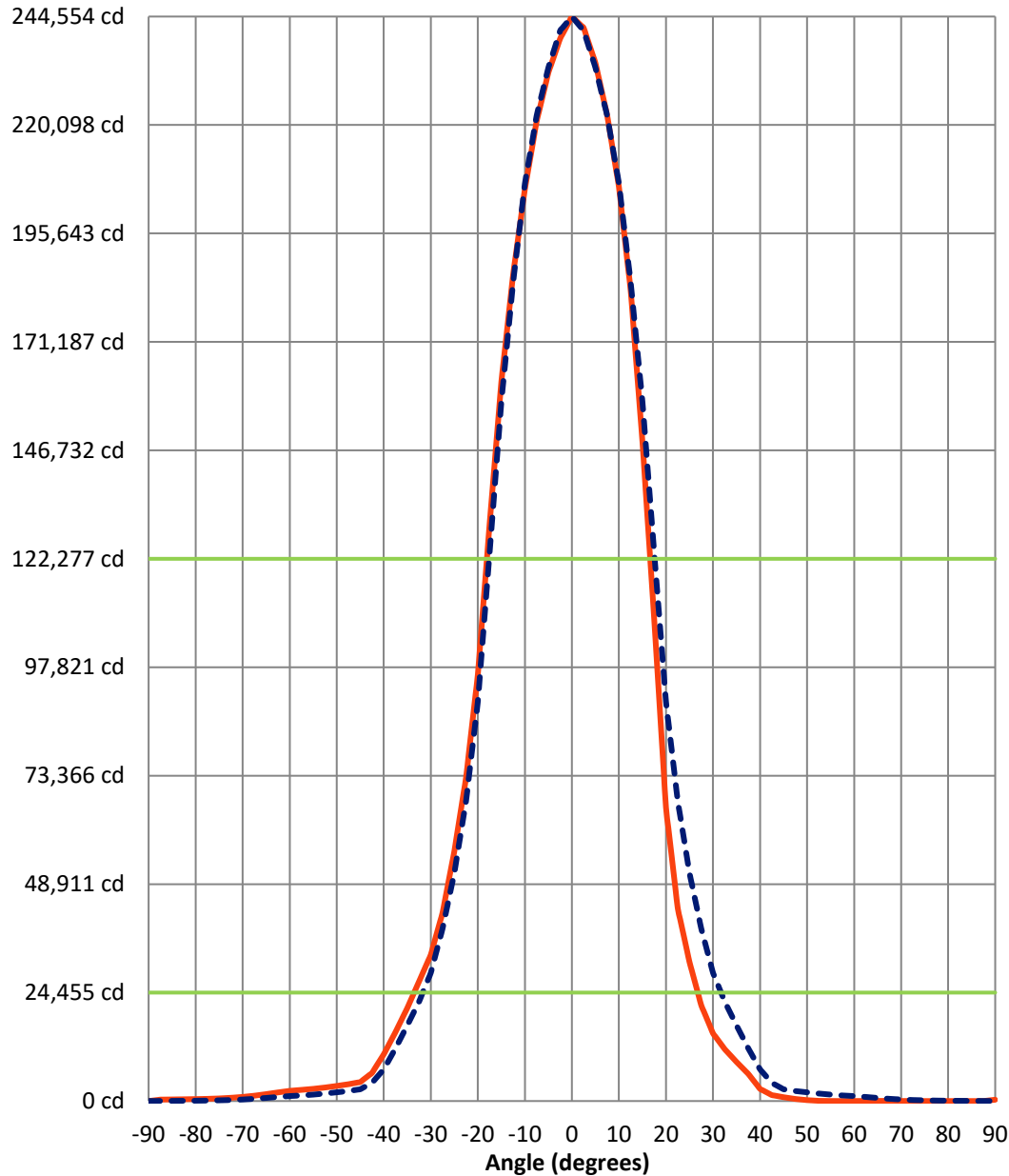
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 35.2°
 V Angle: 34.7°
 Lumens: 54448.9
 Efficiency: 53.7%

Field:
 H Angle: 63.4°
 V Angle: 60.3°
 Lumens: 88604.7
 Efficiency: 87.3%

Spill:
 Lumens: 12841
 Efficiency: 12.7%

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



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 10.9 | 20.5 | 30.2 | 49.6 | 69.0 | 86.5 | 104.0 | 118.0 | 131.9 | 141.0 | 150.0 |
| 87.5° | 10.9 | 9.9 | 8.7 | 8.8 | 8.9 | 8.9 | 8.8 | 8.3 | 7.7 | 7.8 | 7.8 |
| 85° | 10.9 | 10.1 | 8.9 | 9.1 | 9.3 | 9.3 | 9.1 | 8.6 | 8.1 | 8.2 | 8.3 |
| 82.5° | 10.9 | 10.3 | 9.2 | 9.4 | 9.7 | 9.7 | 9.5 | 9.0 | 8.6 | 8.8 | 8.8 |
| 80° | 10.9 | 10.6 | 9.4 | 9.7 | 10.2 | 10.1 | 9.8 | 9.6 | 9.4 | 9.5 | 9.4 |
| 77.5° | 10.9 | 10.8 | 9.6 | 10.1 | 10.6 | 10.5 | 10.5 | 10.4 | 10.3 | 10.2 | 9.8 |
| 75° | 10.9 | 11.0 | 9.9 | 10.4 | 11.0 | 11.1 | 11.1 | 11.1 | 11.1 | 10.7 | 10.0 |
| 72.5° | 10.9 | 11.2 | 10.2 | 10.7 | 11.4 | 11.6 | 11.7 | 11.8 | 11.6 | 11.1 | 10.2 |
| 70° | 10.9 | 11.5 | 10.5 | 11.0 | 11.9 | 12.2 | 12.4 | 12.5 | 12.2 | 11.5 | 11.1 |
| 67.5° | 10.9 | 11.7 | 10.8 | 11.5 | 12.3 | 12.7 | 13.2 | 13.2 | 12.8 | 12.5 | 12.2 |
| 65° | 10.9 | 11.9 | 11.1 | 11.9 | 12.8 | 13.5 | 14.2 | 13.9 | 14.3 | 13.6 | 13.7 |
| 62.5° | 10.9 | 12.2 | 11.5 | 12.4 | 13.4 | 14.6 | 15.2 | 15.5 | 15.9 | 15.1 | 16.4 |
| 60° | 10.9 | 12.4 | 11.9 | 12.9 | 13.9 | 15.7 | 16.3 | 17.6 | 17.9 | 19.1 | 19.5 |
| 57.5° | 10.9 | 12.7 | 12.5 | 13.4 | 15.2 | 17.0 | 18.6 | 19.9 | 22.2 | 23.8 | 26.4 |
| 55° | 10.9 | 12.9 | 13.2 | 13.9 | 16.5 | 18.2 | 21.1 | 22.6 | 27.6 | 30.0 | 35.4 |
| 52.5° | 10.9 | 13.2 | 14.0 | 14.5 | 17.9 | 19.8 | 23.8 | 27.9 | 33.3 | 40.5 | 45.2 |
| 50° | 10.9 | 13.4 | 14.8 | 15.0 | 19.4 | 22.5 | 26.6 | 33.8 | 40.8 | 51.8 | 58.6 |
| 47.5° | 10.9 | 13.7 | 15.6 | 15.7 | 20.9 | 25.4 | 29.9 | 39.9 | 51.9 | 63.8 | 73.7 |
| 45° | 10.9 | 13.9 | 16.5 | 16.9 | 22.5 | 28.4 | 35.4 | 46.2 | 63.6 | 78.6 | 89.9 |
| 42.5° | 10.9 | 14.2 | 17.4 | 18.2 | 24.2 | 31.5 | 41.0 | 55.2 | 75.9 | 94.2 | 115.9 |
| 40° | 10.9 | 14.5 | 18.3 | 20.0 | 26.3 | 34.7 | 46.9 | 66.2 | 89.3 | 110.5 | 146.0 |
| 37.5° | 10.9 | 14.7 | 19.3 | 22.1 | 28.9 | 38.1 | 53.1 | 77.4 | 104.9 | 131.7 | 178.6 |
| 35° | 10.9 | 15.0 | 20.3 | 24.2 | 31.5 | 42.5 | 59.3 | 88.8 | 121.0 | 161.9 | 218.1 |
| 32.5° | 10.9 | 15.2 | 21.4 | 26.4 | 34.0 | 47.5 | 66.4 | 100.2 | 137.8 | 192.8 | 263.2 |
| 30° | 10.9 | 15.5 | 22.5 | 28.6 | 36.6 | 52.3 | 75.7 | 111.9 | 155.1 | 224.3 | 306.2 |
| 27.5° | 10.9 | 15.7 | 23.6 | 30.8 | 40.2 | 57.1 | 84.7 | 124.6 | 174.1 | 256.3 | 347.0 |
| 25° | 10.9 | 16.0 | 24.7 | 33.0 | 43.7 | 61.8 | 93.4 | 136.8 | 196.1 | 289.6 | 385.7 |
| 22.5° | 10.9 | 16.2 | 25.8 | 35.2 | 47.2 | 66.6 | 101.8 | 148.3 | 216.6 | 315.5 | 425.4 |
| 20° | 10.9 | 16.5 | 26.9 | 37.4 | 50.6 | 72.1 | 109.8 | 159.3 | 235.6 | 339.6 | 457.4 |
| 17.5° | 10.9 | 16.7 | 28.0 | 39.5 | 53.9 | 77.5 | 118.2 | 169.5 | 253.2 | 362.0 | 487.4 |
| 15° | 10.9 | 16.9 | 29.1 | 41.7 | 57.2 | 82.7 | 126.4 | 179.7 | 269.1 | 382.6 | 515.6 |
| 12.5° | 10.9 | 17.2 | 30.2 | 43.8 | 60.3 | 87.7 | 134.2 | 190.1 | 285.2 | 401.2 | 541.8 |
| 10° | 10.9 | 17.4 | 31.3 | 45.8 | 63.2 | 92.5 | 141.4 | 199.9 | 301.0 | 425.1 | 570.6 |
| 7.5° | 10.9 | 17.6 | 32.3 | 47.8 | 66.1 | 97.0 | 148.1 | 208.9 | 315.3 | 448.8 | 607.5 |
| 5° | 10.9 | 17.8 | 33.3 | 49.7 | 68.8 | 101.3 | 154.2 | 217.1 | 328.1 | 470.8 | 642.2 |
| 2.5° | 10.9 | 17.9 | 34.2 | 51.5 | 71.4 | 105.2 | 159.7 | 224.5 | 339.1 | 490.7 | 674.2 |
| 0° | 10.9 | 18.1 | 35.1 | 53.2 | 73.8 | 108.9 | 164.5 | 231.1 | 348.4 | 508.1 | 702.9 |
| -2.5° | 10.9 | 18.8 | 36.4 | 55.5 | 77.2 | 113.3 | 170.2 | 239.0 | 360.6 | 522.4 | 717.3 |
| -5° | 10.9 | 19.4 | 37.7 | 57.6 | 80.5 | 117.3 | 175.2 | 245.9 | 370.8 | 533.8 | 727.8 |
| -7.5° | 10.9 | 20.0 | 38.9 | 59.6 | 83.6 | 121.0 | 179.4 | 251.8 | 378.8 | 542.1 | 734.4 |
| -10° | 10.9 | 20.6 | 40.0 | 61.5 | 86.4 | 124.3 | 183.0 | 256.6 | 384.3 | 547.4 | 737.2 |
| -12.5° | 10.9 | 21.2 | 41.1 | 63.3 | 89.1 | 127.2 | 185.8 | 260.1 | 387.2 | 549.3 | 740.5 |
| -15° | 10.9 | 21.7 | 42.1 | 64.9 | 91.5 | 129.7 | 187.8 | 262.4 | 386.7 | 546.9 | 740.3 |
| -17.5° | 10.9 | 22.2 | 43.0 | 66.4 | 93.6 | 131.8 | 189.0 | 264.0 | 382.9 | 540.9 | 734.1 |
| -20° | 10.9 | 22.7 | 43.8 | 67.7 | 95.5 | 133.5 | 190.0 | 264.7 | 376.9 | 531.1 | 721.4 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 10.9 | 23.2 | 44.5 | 68.8 | 97.1 | 134.8 | 190.9 | 264.3 | 368.5 | 517.6 | 702.6 |
| -25° | 10.9 | 23.6 | 45.1 | 69.8 | 98.5 | 136.3 | 190.9 | 262.8 | 357.8 | 500.2 | 683.0 |
| -27.5° | 10.9 | 24.0 | 45.7 | 70.6 | 99.5 | 137.8 | 190.1 | 260.1 | 344.9 | 485.2 | 666.2 |
| -30° | 10.9 | 24.3 | 46.1 | 71.2 | 100.4 | 138.7 | 188.4 | 256.3 | 337.1 | 471.4 | 644.3 |
| -32.5° | 10.9 | 24.7 | 46.5 | 71.6 | 101.7 | 139.2 | 185.9 | 253.0 | 332.6 | 453.9 | 616.7 |
| -35° | 10.9 | 24.9 | 46.8 | 71.9 | 102.7 | 139.2 | 184.9 | 249.1 | 326.3 | 432.8 | 583.5 |
| -37.5° | 10.9 | 25.1 | 46.9 | 72.0 | 103.5 | 139.2 | 184.4 | 244.0 | 318.0 | 408.0 | 551.9 |
| -40° | 10.9 | 25.3 | 47.0 | 71.9 | 104.0 | 139.8 | 183.2 | 237.6 | 308.0 | 392.1 | 520.9 |
| -42.5° | 10.9 | 25.5 | 47.0 | 71.8 | 104.3 | 140.0 | 181.2 | 229.9 | 298.2 | 379.0 | 486.2 |
| -45° | 10.9 | 25.6 | 46.9 | 72.0 | 104.5 | 139.9 | 178.5 | 223.3 | 287.7 | 363.4 | 451.0 |
| -47.5° | 10.9 | 25.6 | 46.7 | 71.9 | 104.4 | 139.4 | 175.2 | 219.4 | 275.6 | 345.5 | 430.5 |
| -50° | 10.9 | 25.6 | 46.4 | 71.9 | 104.0 | 138.5 | 173.4 | 214.7 | 261.8 | 329.5 | 407.1 |
| -52.5° | 10.9 | 25.6 | 46.0 | 71.8 | 103.3 | 137.2 | 171.6 | 209.4 | 252.7 | 311.4 | 380.1 |
| -55° | 10.9 | 25.5 | 45.6 | 71.5 | 102.3 | 135.5 | 169.3 | 203.8 | 245.1 | 291.5 | 354.3 |
| -57.5° | 10.9 | 25.4 | 45.0 | 71.0 | 100.9 | 133.5 | 166.6 | 200.5 | 236.6 | 278.8 | 326.6 |
| -60° | 10.9 | 25.2 | 44.3 | 70.3 | 99.3 | 131.1 | 163.4 | 196.4 | 228.0 | 267.5 | 302.0 |
| -62.5° | 10.9 | 25.0 | 43.7 | 69.4 | 98.0 | 128.3 | 159.8 | 191.5 | 221.9 | 254.6 | 286.3 |
| -65° | 10.9 | 24.8 | 42.9 | 68.4 | 96.4 | 125.1 | 155.7 | 186.0 | 215.2 | 244.1 | 270.0 |
| -67.5° | 10.9 | 24.5 | 42.0 | 67.1 | 94.5 | 121.9 | 151.1 | 179.9 | 207.8 | 234.2 | 257.2 |
| -70° | 10.9 | 24.2 | 41.0 | 65.7 | 92.4 | 118.6 | 146.2 | 173.4 | 200.0 | 223.9 | 245.5 |
| -72.5° | 10.9 | 23.8 | 39.9 | 64.2 | 90.0 | 115.0 | 141.1 | 166.4 | 191.7 | 213.5 | 233.4 |
| -75° | 10.9 | 23.5 | 38.8 | 62.5 | 87.4 | 111.1 | 135.8 | 159.3 | 183.0 | 202.6 | 221.0 |
| -77.5° | 10.9 | 23.0 | 37.5 | 60.7 | 84.8 | 106.8 | 130.0 | 151.8 | 173.9 | 191.4 | 208.1 |
| -80° | 10.9 | 22.6 | 36.2 | 58.8 | 82.0 | 102.9 | 123.9 | 144.0 | 164.5 | 180.1 | 195.2 |
| -82.5° | 10.9 | 22.1 | 34.8 | 56.7 | 79.0 | 99.1 | 119.1 | 136.7 | 154.7 | 168.5 | 182.1 |
| -85° | 10.9 | 21.6 | 33.3 | 54.4 | 75.8 | 95.1 | 114.3 | 130.7 | 147.2 | 158.7 | 170.1 |
| -87.5° | 10.9 | 21.1 | 31.8 | 52.1 | 72.5 | 90.9 | 109.2 | 124.4 | 139.7 | 149.9 | 160.1 |
| -90° | 10.9 | 9.7 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 7.9 | 7.3 | 7.3 | 7.3 |



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 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 90° | 156.7 | 163.3 | 169.4 | 175.4 | 182.7 | 189.9 | 197.2 | 204.5 | 212.4 | 220.2 | 228.1 |
| 87.5° | 7.2 | 6.7 | 6.7 | 6.7 | 6.2 | 5.6 | 5.2 | 4.8 | 4.8 | 4.8 | 4.7 |
| 85° | 7.8 | 7.3 | 7.3 | 7.3 | 6.8 | 6.4 | 5.9 | 5.3 | 5.4 | 5.4 | 5.2 |
| 82.5° | 8.4 | 7.9 | 7.7 | 7.3 | 7.2 | 7.2 | 6.7 | 6.2 | 6.1 | 6.0 | 5.7 |
| 80° | 9.0 | 8.6 | 8.1 | 7.7 | 7.6 | 7.4 | 7.1 | 7.1 | 6.7 | 6.2 | 6.1 |
| 77.5° | 9.2 | 8.6 | 8.4 | 8.3 | 8.1 | 7.5 | 7.3 | 7.3 | 7.1 | 7.1 | 6.8 |
| 75° | 9.3 | 8.7 | 8.7 | 8.6 | 8.1 | 7.5 | 7.3 | 7.6 | 7.6 | 7.4 | 7.2 |
| 72.5° | 9.8 | 9.5 | 9.1 | 8.8 | 8.5 | 8.2 | 8.1 | 8.4 | 9.1 | 9.7 | 10.3 |
| 70° | 10.8 | 10.3 | 10.0 | 9.7 | 9.3 | 9.3 | 10.3 | 12.3 | 14.2 | 15.1 | 17.1 |
| 67.5° | 11.9 | 11.6 | 11.3 | 11.0 | 11.1 | 12.0 | 13.4 | 17.8 | 21.7 | 24.4 | 27.3 |
| 65° | 13.2 | 13.0 | 13.0 | 13.1 | 13.3 | 17.0 | 21.0 | 25.4 | 32.2 | 36.0 | 36.2 |
| 62.5° | 14.7 | 16.6 | 15.8 | 16.9 | 20.4 | 24.3 | 30.4 | 38.3 | 46.9 | 50.4 | 48.2 |
| 60° | 20.9 | 21.9 | 22.3 | 25.0 | 28.4 | 32.6 | 41.1 | 50.7 | 60.7 | 66.7 | 57.7 |
| 57.5° | 28.8 | 30.1 | 32.4 | 34.0 | 37.7 | 40.2 | 50.2 | 61.9 | 68.3 | 72.2 | 62.0 |
| 55° | 38.7 | 40.6 | 44.0 | 44.7 | 47.8 | 48.9 | 57.2 | 65.3 | 70.8 | 71.9 | 61.0 |
| 52.5° | 51.3 | 53.4 | 58.2 | 59.0 | 59.2 | 60.2 | 61.3 | 70.2 | 74.6 | 73.3 | 63.3 |
| 50° | 64.8 | 72.3 | 74.8 | 77.6 | 74.0 | 75.5 | 71.5 | 81.7 | 90.4 | 88.2 | 91.1 |
| 47.5° | 84.7 | 94.1 | 97.9 | 102.9 | 100.3 | 108.6 | 105.5 | 125.1 | 131.9 | 171.0 | 179.7 |
| 45° | 108.8 | 125.4 | 130.5 | 142.0 | 153.7 | 163.3 | 194.8 | 197.3 | 279.9 | 314.3 | 379.1 |
| 42.5° | 137.7 | 163.6 | 184.7 | 189.0 | 245.2 | 275.1 | 318.9 | 390.9 | 463.3 | 529.6 | 573.7 |
| 40° | 180.5 | 207.4 | 252.6 | 305.3 | 365.0 | 429.4 | 487.7 | 571.4 | 641.5 | 693.6 | 724.8 |
| 37.5° | 229.3 | 280.4 | 342.1 | 437.2 | 517.8 | 583.4 | 649.8 | 722.0 | 788.0 | 833.8 | 893.5 |
| 35° | 282.7 | 357.4 | 471.6 | 570.6 | 657.1 | 718.9 | 783.7 | 860.3 | 922.7 | 996.6 | 1070.2 |
| 32.5° | 347.7 | 435.9 | 579.2 | 686.1 | 756.4 | 829.5 | 904.3 | 984.9 | 1074.2 | 1165.2 | 1259.5 |
| 30° | 412.0 | 524.3 | 664.4 | 775.5 | 843.5 | 928.7 | 1019.6 | 1114.1 | 1231.2 | 1345.9 | 1473.3 |
| 27.5° | 462.5 | 600.3 | 733.5 | 848.3 | 927.6 | 1028.4 | 1139.4 | 1262.7 | 1401.8 | 1542.1 | 1711.3 |
| 25° | 507.7 | 656.7 | 803.1 | 924.8 | 1025.5 | 1137.3 | 1267.6 | 1415.7 | 1581.2 | 1778.5 | 2310.8 |
| 22.5° | 551.7 | 711.7 | 879.9 | 1006.8 | 1120.0 | 1246.3 | 1403.4 | 1576.3 | 1771.1 | 2033.2 | 2974.6 |
| 20° | 596.9 | 774.0 | 953.6 | 1075.0 | 1206.2 | 1347.9 | 1531.9 | 1732.5 | 1973.9 | 2593.2 | 3981.8 |
| 17.5° | 643.4 | 838.2 | 1016.2 | 1134.8 | 1273.0 | 1445.8 | 1659.8 | 1886.0 | 2180.3 | 3117.5 | 5243.2 |
| 15° | 688.7 | 898.8 | 1066.5 | 1187.7 | 1340.1 | 1541.1 | 1780.2 | 2057.3 | 2545.7 | 3849.3 | 6507.1 |
| 12.5° | 732.1 | 953.2 | 1103.8 | 1233.2 | 1406.4 | 1631.0 | 1891.9 | 2202.9 | 2975.1 | 4836.9 | 7885.6 |
| 10° | 772.8 | 1001.4 | 1136.3 | 1276.7 | 1471.1 | 1715.5 | 1991.9 | 2331.0 | 3350.0 | 5626.1 | 8977.0 |
| 7.5° | 816.9 | 1042.7 | 1165.6 | 1317.9 | 1530.7 | 1792.8 | 2074.3 | 2429.7 | 3629.3 | 6231.2 | 9787.7 |
| 5° | 857.0 | 1076.3 | 1199.6 | 1366.2 | 1590.0 | 1862.5 | 2144.9 | 2512.3 | 3819.9 | 6614.7 | 10350.3 |
| 2.5° | 892.0 | 1103.1 | 1231.1 | 1412.1 | 1645.7 | 1923.6 | 2208.8 | 2595.0 | 3990.0 | 6939.0 | 11062.2 |
| 0° | 921.9 | 1123.9 | 1259.4 | 1453.0 | 1693.8 | 1974.4 | 2261.2 | 2661.6 | 4103.7 | 7157.3 | 11887.8 |
| -2.5° | 940.1 | 1155.1 | 1306.7 | 1495.9 | 1733.5 | 2010.5 | 2308.5 | 2732.8 | 4218.9 | 7629.3 | 12202.2 |
| -5° | 953.2 | 1180.3 | 1349.0 | 1533.5 | 1765.6 | 2036.8 | 2343.0 | 2783.2 | 4268.5 | 7759.2 | 12110.6 |
| -7.5° | 960.9 | 1198.6 | 1385.3 | 1566.4 | 1794.3 | 2067.4 | 2397.6 | 2850.6 | 4291.0 | 7439.2 | 11591.6 |
| -10° | 964.9 | 1214.0 | 1409.1 | 1593.6 | 1820.9 | 2095.6 | 2440.2 | 2894.2 | 4198.8 | 7007.4 | 10994.5 |
| -12.5° | 975.2 | 1227.0 | 1428.0 | 1613.7 | 1838.6 | 2115.8 | 2473.3 | 2926.9 | 3988.8 | 6414.2 | 10173.9 |
| -15° | 977.9 | 1233.8 | 1443.8 | 1627.5 | 1857.1 | 2145.5 | 2498.4 | 2932.5 | 3685.6 | 5647.6 | 9126.1 |
| -17.5° | 972.5 | 1234.1 | 1454.8 | 1638.3 | 1866.4 | 2156.8 | 2506.4 | 2916.4 | 3459.1 | 5090.5 | 8071.8 |
| -20° | 958.3 | 1219.7 | 1458.1 | 1639.3 | 1862.9 | 2161.5 | 2510.3 | 2909.5 | 3403.8 | 4521.0 | 6793.4 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 935.4 | 1196.9 | 1446.4 | 1637.6 | 1875.0 | 2163.4 | 2498.7 | 2866.4 | 3284.0 | 3834.0 | 5520.7 |
| -25° | 910.7 | 1164.5 | 1415.7 | 1643.4 | 1877.3 | 2153.4 | 2449.8 | 2787.4 | 3173.0 | 3603.2 | 4612.6 |
| -27.5° | 884.1 | 1126.7 | 1384.2 | 1636.1 | 1865.9 | 2115.6 | 2390.9 | 2707.4 | 3024.9 | 3372.4 | 3802.3 |
| -30° | 851.8 | 1085.7 | 1342.1 | 1609.6 | 1838.7 | 2072.1 | 2326.0 | 2581.8 | 2866.5 | 3179.2 | 3543.4 |
| -32.5° | 813.2 | 1037.4 | 1289.9 | 1554.1 | 1802.9 | 2021.6 | 2233.9 | 2463.7 | 2717.6 | 2993.4 | 3294.6 |
| -35° | 771.3 | 988.4 | 1228.6 | 1486.6 | 1759.2 | 1960.0 | 2144.5 | 2343.2 | 2568.2 | 2820.1 | 3099.9 |
| -37.5° | 728.7 | 931.9 | 1156.7 | 1408.3 | 1673.3 | 1883.6 | 2049.8 | 2235.2 | 2433.3 | 2649.1 | 2909.2 |
| -40° | 680.4 | 866.8 | 1081.7 | 1319.5 | 1554.5 | 1781.7 | 1964.4 | 2132.5 | 2306.6 | 2504.0 | 2716.4 |
| -42.5° | 628.4 | 803.5 | 999.7 | 1215.2 | 1428.6 | 1645.2 | 1874.0 | 2039.2 | 2195.0 | 2362.5 | 2548.8 |
| -45° | 585.0 | 733.5 | 910.9 | 1102.6 | 1295.0 | 1504.8 | 1725.6 | 1946.4 | 2088.6 | 2233.6 | 2392.3 |
| -47.5° | 534.7 | 662.6 | 824.9 | 984.6 | 1162.1 | 1359.9 | 1569.0 | 1773.8 | 1975.7 | 2116.8 | 2250.4 |
| -50° | 486.7 | 602.5 | 726.5 | 873.4 | 1031.6 | 1214.3 | 1405.8 | 1593.0 | 1782.3 | 1973.5 | 2125.8 |
| -52.5° | 453.6 | 538.2 | 645.7 | 761.8 | 908.1 | 1069.5 | 1237.5 | 1404.3 | 1582.1 | 1764.4 | 1940.0 |
| -55° | 418.0 | 490.5 | 567.1 | 665.7 | 786.1 | 929.9 | 1069.6 | 1219.1 | 1371.8 | 1540.0 | 1711.0 |
| -57.5° | 384.1 | 444.1 | 504.2 | 579.1 | 680.5 | 790.3 | 912.8 | 1035.6 | 1174.0 | 1314.8 | 1461.3 |
| -60° | 350.4 | 399.7 | 450.8 | 510.5 | 580.3 | 672.9 | 761.6 | 868.6 | 983.5 | 1099.3 | 1229.6 |
| -62.5° | 318.2 | 358.4 | 400.9 | 451.4 | 509.7 | 564.4 | 637.7 | 720.6 | 803.5 | 906.1 | 1011.6 |
| -65° | 299.3 | 321.6 | 355.1 | 398.9 | 444.2 | 492.7 | 540.3 | 591.1 | 663.2 | 739.7 | 814.7 |
| -67.5° | 279.2 | 299.8 | 320.7 | 347.7 | 387.5 | 425.2 | 463.5 | 508.2 | 554.2 | 603.8 | 658.3 |
| -70° | 264.1 | 278.5 | 297.0 | 318.3 | 339.0 | 361.9 | 396.0 | 431.5 | 466.9 | 505.5 | 548.3 |
| -72.5° | 249.9 | 263.3 | 277.2 | 292.1 | 310.3 | 327.7 | 345.6 | 364.8 | 392.7 | 426.7 | 458.4 |
| -75° | 235.5 | 247.9 | 260.5 | 273.7 | 287.3 | 300.5 | 314.6 | 331.8 | 351.1 | 371.9 | 391.3 |
| -77.5° | 221.0 | 232.4 | 243.9 | 255.2 | 267.6 | 280.4 | 292.5 | 304.9 | 320.0 | 336.0 | 351.4 |
| -80° | 206.5 | 216.7 | 227.4 | 237.9 | 248.8 | 259.9 | 270.6 | 281.0 | 294.0 | 307.8 | 321.4 |
| -82.5° | 192.4 | 202.0 | 211.2 | 220.5 | 229.9 | 239.1 | 248.8 | 258.5 | 270.4 | 282.5 | 294.1 |
| -85° | 178.7 | 187.2 | 195.0 | 202.8 | 211.5 | 220.0 | 228.3 | 236.5 | 247.4 | 258.3 | 268.3 |
| -87.5° | 167.8 | 175.3 | 182.0 | 188.5 | 196.2 | 203.8 | 211.0 | 218.1 | 227.4 | 236.8 | 245.3 |
| -90° | 6.7 | 6.0 | 6.0 | 6.0 | 5.4 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.2 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 90° | 235.9 | 241.4 | 246.8 | 250.5 | 254.1 | 259.6 | 265.0 | 272.9 | 280.7 | 287.4 | 294.0 |
| 87.5° | 4.6 | 4.1 | 3.6 | 3.5 | 3.5 | 3.5 | 3.5 | 3.0 | 2.4 | 2.4 | 2.4 |
| 85° | 4.8 | 4.6 | 4.5 | 4.5 | 4.6 | 4.1 | 3.6 | 3.5 | 3.5 | 3.5 | 3.6 |
| 82.5° | 5.4 | 5.1 | 4.8 | 4.8 | 4.8 | 4.7 | 4.6 | 4.1 | 3.6 | 3.6 | 3.6 |
| 80° | 6.0 | 5.7 | 5.4 | 5.2 | 4.9 | 4.8 | 4.8 | 4.3 | 3.7 | 3.6 | 3.6 |
| 77.5° | 6.3 | 6.2 | 6.1 | 5.5 | 4.9 | 4.8 | 4.8 | 4.3 | 3.7 | 3.6 | 3.6 |
| 75° | 7.2 | 7.1 | 6.9 | 6.7 | 6.6 | 6.8 | 7.1 | 7.0 | 6.6 | 6.3 | 5.9 |
| 72.5° | 10.9 | 10.9 | 10.7 | 11.4 | 12.0 | 12.5 | 12.8 | 13.2 | 13.7 | 14.6 | 15.6 |
| 70° | 19.3 | 20.8 | 20.8 | 20.8 | 20.7 | 20.1 | 19.4 | 19.2 | 19.4 | 19.7 | 20.1 |
| 67.5° | 29.1 | 30.3 | 30.8 | 31.1 | 28.4 | 26.6 | 25.8 | 25.9 | 27.0 | 29.2 | 32.3 |
| 65° | 37.1 | 34.8 | 32.8 | 30.7 | 30.9 | 30.8 | 29.3 | 28.7 | 29.6 | 31.0 | 32.5 |
| 62.5° | 44.1 | 35.0 | 29.2 | 26.3 | 26.8 | 27.8 | 25.1 | 23.0 | 22.4 | 22.0 | 22.2 |
| 60° | 47.4 | 33.0 | 23.2 | 19.7 | 17.6 | 16.6 | 14.8 | 12.6 | 12.0 | 11.8 | 12.1 |
| 57.5° | 47.9 | 31.4 | 18.5 | 14.6 | 11.2 | 8.7 | 7.3 | 6.3 | 6.3 | 6.1 | 6.0 |
| 55° | 46.4 | 31.8 | 17.9 | 16.4 | 15.1 | 13.8 | 12.0 | 11.6 | 11.0 | 10.9 | 11.6 |
| 52.5° | 48.0 | 44.5 | 36.4 | 35.3 | 43.1 | 43.4 | 37.3 | 45.9 | 51.8 | 56.3 | 58.4 |
| 50° | 94.9 | 91.2 | 115.3 | 115.2 | 139.5 | 160.4 | 154.3 | 166.4 | 187.5 | 205.8 | 217.0 |
| 47.5° | 221.8 | 239.3 | 275.3 | 307.7 | 344.2 | 390.3 | 410.7 | 425.3 | 443.6 | 468.2 | 484.8 |
| 45° | 413.2 | 456.4 | 503.2 | 555.6 | 616.7 | 670.8 | 702.2 | 732.5 | 752.5 | 774.4 | 800.3 |
| 42.5° | 613.5 | 665.1 | 734.5 | 797.1 | 863.3 | 926.3 | 976.1 | 1019.9 | 1105.4 | 1227.3 | 1324.3 |
| 40° | 785.0 | 843.7 | 924.3 | 1007.7 | 1085.6 | 1165.4 | 1385.1 | 1572.4 | 1805.7 | 2154.0 | 2462.7 |
| 37.5° | 955.3 | 1023.1 | 1113.0 | 1215.3 | 1450.3 | 1688.3 | 2168.1 | 2686.4 | 3135.5 | 3639.0 | 4147.6 |
| 35° | 1140.9 | 1230.0 | 1350.2 | 1694.3 | 2129.4 | 2763.6 | 3451.6 | 4221.4 | 4874.8 | 5578.0 | 6608.2 |
| 32.5° | 1360.0 | 1515.6 | 1904.5 | 2529.9 | 3310.0 | 4210.9 | 5064.4 | 6032.1 | 6848.2 | 8140.0 | 9713.5 |
| 30° | 1642.5 | 2130.4 | 2876.9 | 3740.5 | 4793.0 | 5933.4 | 7003.5 | 8570.9 | 10401.9 | 12022.9 | 13361.4 |
| 27.5° | 2323.8 | 3266.2 | 4308.5 | 5402.9 | 6721.0 | 8102.8 | 10346.6 | 12375.2 | 14345.2 | 16095.5 | 18128.8 |
| 25° | 3341.2 | 4853.0 | 6634.3 | 8101.5 | 9892.6 | 12389.9 | 14927.1 | 17161.2 | 20155.4 | 22788.9 | 25743.2 |
| 22.5° | 4780.1 | 6932.9 | 9227.3 | 11369.4 | 14120.1 | 17247.8 | 20661.3 | 24777.8 | 28937.3 | 33557.6 | 37668.1 |
| 20° | 6184.6 | 8908.4 | 11814.0 | 14897.7 | 18420.4 | 22331.0 | 27911.0 | 34591.5 | 41001.1 | 48280.3 | 54418.4 |
| 17.5° | 8055.0 | 11347.6 | 14784.0 | 18703.9 | 23232.9 | 29249.4 | 37485.4 | 46620.1 | 56531.7 | 67401.5 | 77453.2 |
| 15° | 9957.0 | 13504.1 | 17497.1 | 22514.1 | 28920.1 | 37097.1 | 47604.4 | 60039.4 | 74534.4 | 90513.5 | 109939.9 |
| 12.5° | 11515.7 | 15394.5 | 20063.5 | 26386.1 | 34764.6 | 45699.9 | 58430.3 | 73399.2 | 93271.3 | 117372.2 | 139942.0 |
| 10° | 12847.4 | 17498.4 | 23398.4 | 30881.1 | 40736.3 | 53081.2 | 67542.9 | 86075.5 | 112844.2 | 140764.1 | 165532.4 |
| 7.5° | 14219.3 | 19721.4 | 25969.8 | 34082.8 | 45288.2 | 59300.8 | 77108.9 | 101309.9 | 130762.5 | 159399.0 | 182112.7 |
| 5° | 15513.2 | 21237.3 | 27592.3 | 36260.3 | 48377.9 | 63427.5 | 83632.7 | 113109.6 | 145160.4 | 173208.1 | 194547.4 |
| 2.5° | 16526.7 | 21999.8 | 28446.8 | 37881.8 | 50048.1 | 65670.2 | 87722.3 | 120406.2 | 154027.6 | 181669.9 | 203551.7 |
| 0° | 17052.5 | 22413.3 | 28920.9 | 38896.0 | 51433.4 | 67728.6 | 90066.9 | 123626.3 | 157634.6 | 184553.2 | 206856.4 |
| -2.5° | 16936.2 | 22213.7 | 28627.4 | 38113.4 | 51116.8 | 68100.9 | 92016.3 | 125304.4 | 158255.8 | 185536.7 | 206556.2 |
| -5° | 16691.4 | 21899.3 | 28224.4 | 37151.6 | 49983.1 | 67164.8 | 89899.5 | 120503.6 | 152327.3 | 180311.3 | 200745.6 |
| -7.5° | 16235.4 | 21372.9 | 27420.7 | 35744.8 | 48104.2 | 64374.6 | 84890.5 | 111484.3 | 142013.8 | 170051.7 | 189833.8 |
| -10° | 15564.4 | 20559.6 | 26267.3 | 33837.9 | 44937.6 | 59881.7 | 77323.8 | 98091.7 | 126650.8 | 152864.7 | 174845.2 |
| -12.5° | 14610.8 | 19409.1 | 24667.1 | 31172.7 | 41113.0 | 54282.8 | 69319.6 | 86575.2 | 106986.6 | 132268.1 | 152871.5 |
| -15° | 13397.3 | 17910.0 | 22795.8 | 28934.1 | 37245.8 | 48036.5 | 60714.4 | 74100.7 | 89745.4 | 107196.8 | 127279.5 |
| -17.5° | 11908.0 | 16147.0 | 20696.9 | 25988.7 | 32710.7 | 41764.2 | 51792.9 | 62238.1 | 73530.6 | 86373.1 | 98171.8 |
| -20° | 10132.1 | 14009.4 | 18297.2 | 23219.3 | 28979.1 | 35518.6 | 42808.8 | 51252.9 | 60006.1 | 69172.1 | 77281.8 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 8328.8 | 11865.9 | 15951.7 | 20255.6 | 25261.8 | 30253.4 | 35150.0 | 41428.4 | 48188.1 | 54823.8 | 60860.2 |
| -25° | 6516.8 | 9639.4 | 13438.3 | 17475.0 | 21493.1 | 25570.5 | 29546.1 | 33444.8 | 38309.0 | 42580.2 | 47010.7 |
| -27.5° | 5176.2 | 7512.1 | 10702.1 | 14224.8 | 17726.1 | 21128.3 | 24565.6 | 27822.2 | 30889.7 | 33469.2 | 36456.2 |
| -30° | 4070.8 | 5647.5 | 8111.8 | 10883.9 | 13947.5 | 16945.1 | 19907.1 | 22658.1 | 25073.7 | 27197.6 | 29271.8 |
| -32.5° | 3680.5 | 4324.3 | 5788.8 | 7895.4 | 10312.3 | 12942.1 | 15418.0 | 17780.9 | 19772.4 | 21746.1 | 23604.6 |
| -35° | 3404.6 | 3759.1 | 4237.9 | 5553.8 | 7127.8 | 9220.7 | 11161.4 | 13122.5 | 14794.9 | 16766.2 | 18290.3 |
| -37.5° | 3178.5 | 3451.5 | 3754.2 | 4064.6 | 5021.8 | 6069.7 | 7467.0 | 8936.9 | 10229.1 | 11882.6 | 13228.2 |
| -40° | 2959.6 | 3201.3 | 3437.9 | 3673.9 | 3928.4 | 4162.3 | 4994.0 | 5752.0 | 6628.5 | 7759.7 | 8727.5 |
| -42.5° | 2748.0 | 2960.8 | 3165.7 | 3357.5 | 3535.4 | 3688.9 | 3856.2 | 4016.6 | 4490.0 | 5066.5 | 5509.3 |
| -45° | 2558.0 | 2739.0 | 2910.4 | 3072.6 | 3208.2 | 3331.1 | 3460.0 | 3594.2 | 3770.2 | 3930.1 | 4062.2 |
| -47.5° | 2396.5 | 2539.5 | 2680.1 | 2812.2 | 2916.3 | 3021.2 | 3123.8 | 3239.7 | 3376.7 | 3511.0 | 3623.3 |
| -50° | 2250.4 | 2374.2 | 2480.8 | 2574.4 | 2661.0 | 2749.7 | 2831.5 | 2934.4 | 3044.7 | 3155.7 | 3248.6 |
| -52.5° | 2110.5 | 2220.6 | 2309.7 | 2380.9 | 2446.9 | 2519.3 | 2589.6 | 2671.7 | 2761.2 | 2854.6 | 2928.4 |
| -55° | 1875.3 | 2015.3 | 2144.7 | 2211.6 | 2263.3 | 2323.0 | 2382.6 | 2449.0 | 2524.6 | 2603.1 | 2661.6 |
| -57.5° | 1615.4 | 1753.5 | 1875.5 | 1962.3 | 2048.1 | 2135.6 | 2201.2 | 2253.2 | 2321.6 | 2388.6 | 2439.1 |
| -60° | 1354.4 | 1470.3 | 1577.9 | 1665.8 | 1755.2 | 1842.9 | 1916.6 | 1984.4 | 2069.0 | 2145.8 | 2208.3 |
| -62.5° | 1111.5 | 1212.8 | 1295.9 | 1367.0 | 1443.2 | 1519.4 | 1589.6 | 1656.6 | 1733.4 | 1802.3 | 1860.9 |
| -65° | 890.6 | 975.6 | 1037.1 | 1093.0 | 1153.6 | 1216.7 | 1272.4 | 1327.8 | 1389.5 | 1444.8 | 1492.8 |
| -67.5° | 720.2 | 776.5 | 814.9 | 850.4 | 898.5 | 947.6 | 991.2 | 1035.4 | 1082.5 | 1124.4 | 1160.8 |
| -70° | 589.6 | 624.7 | 648.4 | 675.6 | 709.9 | 741.3 | 769.9 | 802.2 | 836.9 | 868.9 | 897.9 |
| -72.5° | 488.8 | 512.9 | 530.6 | 552.4 | 574.1 | 594.0 | 612.2 | 635.4 | 660.6 | 685.4 | 708.9 |
| -75° | 409.4 | 425.1 | 442.0 | 457.7 | 472.6 | 487.1 | 500.5 | 519.1 | 538.6 | 557.1 | 575.0 |
| -77.5° | 367.4 | 379.0 | 388.5 | 397.2 | 405.4 | 414.7 | 424.0 | 439.7 | 456.7 | 471.1 | 484.6 |
| -80° | 334.7 | 343.8 | 351.7 | 358.4 | 364.5 | 372.2 | 379.9 | 392.7 | 406.1 | 418.2 | 429.9 |
| -82.5° | 305.5 | 313.3 | 320.5 | 326.7 | 332.5 | 339.1 | 345.6 | 356.9 | 368.4 | 378.7 | 388.8 |
| -85° | 278.2 | 284.9 | 291.4 | 296.8 | 302.2 | 308.3 | 314.3 | 324.1 | 333.9 | 343.1 | 352.1 |
| -87.5° | 253.7 | 259.7 | 265.6 | 269.7 | 273.7 | 279.6 | 285.4 | 294.1 | 302.9 | 310.9 | 319.0 |
| -90° | 3.6 | 3.6 | 3.6 | 3.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 1.8 | 1.2 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 297.6 | 301.2 | 301.9 | 302.5 | 301.9 | 301.2 | 297.6 | 294.0 | 287.4 | 280.7 | 272.9 |
| 87.5° | 1.8 | 1.2 | 1.8 | 2.4 | 1.8 | 1.2 | 1.8 | 2.4 | 2.4 | 2.4 | 3.0 |
| 85° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.5 | 3.5 | 3.5 |
| 82.5° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 4.1 |
| 80° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.7 | 4.3 |
| 77.5° | 3.1 | 2.5 | 3.0 | 3.6 | 3.0 | 2.5 | 3.1 | 3.6 | 3.6 | 3.7 | 4.3 |
| 75° | 5.3 | 4.8 | 4.2 | 3.6 | 4.2 | 4.8 | 5.3 | 5.9 | 6.3 | 6.6 | 7.0 |
| 72.5° | 16.2 | 16.6 | 17.4 | 18.1 | 17.4 | 16.6 | 16.2 | 15.6 | 14.6 | 13.7 | 13.2 |
| 70° | 19.4 | 18.2 | 18.1 | 18.1 | 18.1 | 18.2 | 19.4 | 20.1 | 19.7 | 19.4 | 19.2 |
| 67.5° | 34.7 | 36.6 | 37.3 | 37.5 | 37.3 | 36.6 | 34.7 | 32.3 | 29.2 | 27.0 | 25.9 |
| 65° | 33.8 | 35.0 | 35.1 | 35.1 | 35.1 | 35.0 | 33.8 | 32.5 | 31.0 | 29.6 | 28.7 |
| 62.5° | 22.6 | 23.2 | 23.7 | 24.2 | 23.7 | 23.2 | 22.6 | 22.2 | 22.0 | 22.4 | 23.0 |
| 60° | 12.6 | 13.4 | 13.9 | 14.5 | 13.9 | 13.4 | 12.6 | 12.1 | 11.8 | 12.0 | 12.6 |
| 57.5° | 5.9 | 6.2 | 6.6 | 7.3 | 6.6 | 6.2 | 5.9 | 6.0 | 6.1 | 6.3 | 6.3 |
| 55° | 12.2 | 12.8 | 13.2 | 13.3 | 13.2 | 12.8 | 12.2 | 11.6 | 10.9 | 11.0 | 11.6 |
| 52.5° | 57.3 | 54.6 | 52.4 | 50.8 | 52.4 | 54.6 | 57.3 | 58.4 | 56.3 | 51.8 | 45.9 |
| 50° | 221.7 | 216.3 | 210.2 | 204.5 | 210.2 | 216.3 | 221.7 | 217.0 | 205.8 | 187.5 | 166.4 |
| 47.5° | 494.6 | 490.2 | 481.2 | 469.4 | 481.2 | 490.2 | 494.6 | 484.8 | 468.2 | 443.6 | 425.3 |
| 45° | 835.9 | 860.2 | 871.0 | 865.0 | 871.0 | 860.2 | 835.9 | 800.3 | 774.4 | 752.5 | 732.5 |
| 42.5° | 1357.3 | 1378.7 | 1380.6 | 1349.0 | 1380.6 | 1378.7 | 1357.3 | 1324.3 | 1227.3 | 1105.4 | 1019.9 |
| 40° | 2686.0 | 2872.1 | 2935.9 | 2743.9 | 2935.9 | 2872.1 | 2686.0 | 2462.7 | 2154.0 | 1805.7 | 1572.4 |
| 37.5° | 4760.6 | 5491.9 | 6101.9 | 6125.4 | 6101.9 | 5491.9 | 4760.6 | 4147.6 | 3639.0 | 3135.5 | 2686.4 |
| 35° | 7715.3 | 8467.7 | 8831.5 | 8816.0 | 8831.5 | 8467.7 | 7715.3 | 6608.2 | 5578.0 | 4874.8 | 4221.4 |
| 32.5° | 10844.0 | 11414.0 | 11778.3 | 11690.6 | 11778.3 | 11414.0 | 10844.0 | 9713.5 | 8140.0 | 6848.2 | 6032.1 |
| 30° | 14317.4 | 14846.3 | 15270.8 | 15264.4 | 15270.8 | 14846.3 | 14317.4 | 13361.4 | 12022.9 | 10401.9 | 8570.9 |
| 27.5° | 19784.0 | 20873.8 | 21739.9 | 21593.0 | 21739.9 | 20873.8 | 19784.0 | 18128.8 | 16095.5 | 14345.2 | 12375.2 |
| 25° | 28235.1 | 30228.5 | 31637.9 | 31347.9 | 31637.9 | 30228.5 | 28235.1 | 25743.2 | 22788.9 | 20155.4 | 17161.2 |
| 22.5° | 40719.7 | 43276.9 | 44346.1 | 43498.2 | 44346.1 | 43276.9 | 40719.7 | 37668.1 | 33557.6 | 28937.3 | 24777.8 |
| 20° | 60266.0 | 65007.2 | 67954.6 | 66197.0 | 67954.6 | 65007.2 | 60266.0 | 54418.4 | 48280.3 | 41001.1 | 34591.5 |
| 17.5° | 90463.0 | 100748.3 | 108875.1 | 108651.0 | 108875.1 | 100748.3 | 90463.0 | 77453.2 | 67401.5 | 56531.7 | 46620.1 |
| 15° | 126853.3 | 138560.1 | 147574.2 | 148616.5 | 147574.2 | 138560.1 | 126853.3 | 109939.9 | 90513.5 | 74534.4 | 60039.4 |
| 12.5° | 159437.1 | 171342.9 | 180164.0 | 182702.2 | 180164.0 | 171342.9 | 159437.1 | 139942.0 | 117372.2 | 93271.3 | 73399.2 |
| 10° | 182659.4 | 194540.5 | 203078.6 | 206089.4 | 203078.6 | 194540.5 | 182659.4 | 165532.4 | 140764.1 | 112844.2 | 86075.5 |
| 7.5° | 199695.1 | 212585.0 | 218985.1 | 222256.4 | 218985.1 | 212585.0 | 199695.1 | 182112.7 | 159399.0 | 130762.5 | 101309.9 |
| 5° | 211953.2 | 223932.9 | 230124.5 | 234088.5 | 230124.5 | 223932.9 | 211953.2 | 194547.4 | 173208.1 | 145160.4 | 113109.6 |
| 2.5° | 219680.7 | 230990.5 | 238425.8 | 241981.4 | 238425.8 | 230990.5 | 219680.7 | 203551.7 | 181669.9 | 154027.6 | 120406.2 |
| 0° | 222174.7 | 233032.3 | 241366.2 | 244553.5 | 241366.2 | 233032.3 | 222174.7 | 206856.4 | 184553.2 | 157634.6 | 123626.3 |
| -2.5° | 221014.6 | 231650.5 | 238297.4 | 239585.9 | 238297.4 | 231650.5 | 221014.6 | 206556.2 | 185536.7 | 158255.8 | 125304.4 |
| -5° | 214977.4 | 224780.3 | 230917.9 | 231926.5 | 230917.9 | 224780.3 | 214977.4 | 200745.6 | 180311.3 | 152327.3 | 120503.6 |
| -7.5° | 204569.6 | 214348.3 | 219421.5 | 220915.2 | 219421.5 | 214348.3 | 204569.6 | 189833.8 | 170051.7 | 142013.8 | 111484.3 |
| -10° | 189479.2 | 198926.5 | 204348.5 | 205634.5 | 204348.5 | 198926.5 | 189479.2 | 174845.2 | 152864.7 | 126650.8 | 98091.7 |
| -12.5° | 168887.9 | 178966.3 | 185034.7 | 186371.7 | 185034.7 | 178966.3 | 168887.9 | 152871.5 | 132268.1 | 106986.6 | 86575.2 |
| -15° | 142187.1 | 152554.1 | 160300.9 | 162175.1 | 160300.9 | 152554.1 | 142187.1 | 127279.5 | 107196.8 | 89745.4 | 74100.7 |
| -17.5° | 111409.1 | 121783.2 | 128744.5 | 130073.5 | 128744.5 | 121783.2 | 111409.1 | 98171.8 | 86373.1 | 73530.6 | 62238.1 |
| -20° | 84901.1 | 91573.1 | 95502.0 | 96186.2 | 95502.0 | 91573.1 | 84901.1 | 77281.8 | 69172.1 | 60006.1 | 51252.9 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 65793.2 | 70277.5 | 72669.5 | 73007.1 | 72669.5 | 70277.5 | 65793.2 | 60860.2 | 54823.8 | 48188.1 | 41428.4 |
| -25° | 50983.5 | 54241.6 | 56023.3 | 56319.9 | 56023.3 | 54241.6 | 50983.5 | 47010.7 | 42580.2 | 38309.0 | 33444.8 |
| -27.5° | 39146.5 | 41170.6 | 42828.3 | 42483.1 | 42828.3 | 41170.6 | 39146.5 | 36456.2 | 33469.2 | 30889.7 | 27822.2 |
| -30° | 30976.0 | 32274.2 | 33253.3 | 32996.9 | 33253.3 | 32274.2 | 30976.0 | 29271.8 | 27197.6 | 25073.7 | 22658.1 |
| -32.5° | 25071.0 | 26088.0 | 26776.4 | 26959.8 | 26776.4 | 26088.0 | 25071.0 | 23604.6 | 21746.1 | 19772.4 | 17780.9 |
| -35° | 19486.4 | 20317.5 | 20794.4 | 20979.6 | 20794.4 | 20317.5 | 19486.4 | 18290.3 | 16766.2 | 14794.9 | 13122.5 |
| -37.5° | 14227.0 | 14956.0 | 15411.1 | 15569.3 | 15411.1 | 14956.0 | 14227.0 | 13228.2 | 11882.6 | 10229.1 | 8936.9 |
| -40° | 9468.5 | 10030.2 | 10403.0 | 10547.3 | 10403.0 | 10030.2 | 9468.5 | 8727.5 | 7759.7 | 6628.5 | 5752.0 |
| -42.5° | 5854.3 | 6117.2 | 6283.7 | 6335.9 | 6283.7 | 6117.2 | 5854.3 | 5509.3 | 5066.5 | 4490.0 | 4016.6 |
| -45° | 4164.2 | 4236.9 | 4278.5 | 4286.4 | 4278.5 | 4236.9 | 4164.2 | 4062.2 | 3930.1 | 3770.2 | 3594.2 |
| -47.5° | 3711.0 | 3768.2 | 3797.5 | 3798.9 | 3797.5 | 3768.2 | 3711.0 | 3623.3 | 3511.0 | 3376.7 | 3239.7 |
| -50° | 3325.3 | 3378.3 | 3405.1 | 3406.9 | 3405.1 | 3378.3 | 3325.3 | 3248.6 | 3155.7 | 3044.7 | 2934.4 |
| -52.5° | 2988.9 | 3031.2 | 3050.8 | 3051.2 | 3050.8 | 3031.2 | 2988.9 | 2928.4 | 2854.6 | 2761.2 | 2671.7 |
| -55° | 2709.7 | 2742.5 | 2754.7 | 2752.4 | 2754.7 | 2742.5 | 2709.7 | 2661.6 | 2603.1 | 2524.6 | 2449.0 |
| -57.5° | 2481.2 | 2513.4 | 2523.5 | 2520.1 | 2523.5 | 2513.4 | 2481.2 | 2439.1 | 2388.6 | 2321.6 | 2253.2 |
| -60° | 2257.1 | 2291.6 | 2304.5 | 2303.5 | 2304.5 | 2291.6 | 2257.1 | 2208.3 | 2145.8 | 2069.0 | 1984.4 |
| -62.5° | 1902.8 | 1929.2 | 1943.4 | 1947.8 | 1943.4 | 1929.2 | 1902.8 | 1860.9 | 1802.3 | 1733.4 | 1656.6 |
| -65° | 1525.8 | 1547.0 | 1558.3 | 1561.9 | 1558.3 | 1547.0 | 1525.8 | 1492.8 | 1444.8 | 1389.5 | 1327.8 |
| -67.5° | 1184.3 | 1199.5 | 1206.8 | 1208.6 | 1206.8 | 1199.5 | 1184.3 | 1160.8 | 1124.4 | 1082.5 | 1035.4 |
| -70° | 915.9 | 928.4 | 934.2 | 936.4 | 934.2 | 928.4 | 915.9 | 897.9 | 868.9 | 836.9 | 802.2 |
| -72.5° | 722.4 | 732.3 | 736.4 | 738.0 | 736.4 | 732.3 | 722.4 | 708.9 | 685.4 | 660.6 | 635.4 |
| -75° | 583.4 | 589.2 | 591.6 | 592.8 | 591.6 | 589.2 | 583.4 | 575.0 | 557.1 | 538.6 | 519.1 |
| -77.5° | 492.0 | 498.3 | 500.6 | 502.1 | 500.6 | 498.3 | 492.0 | 484.6 | 471.1 | 456.7 | 439.7 |
| -80° | 435.2 | 439.7 | 441.4 | 442.8 | 441.4 | 439.7 | 435.2 | 429.9 | 418.2 | 406.1 | 392.7 |
| -82.5° | 395.1 | 401.1 | 401.6 | 401.7 | 401.6 | 401.1 | 395.1 | 388.8 | 378.7 | 368.4 | 356.9 |
| -85° | 356.9 | 361.4 | 362.2 | 362.9 | 362.2 | 361.4 | 356.9 | 352.1 | 343.1 | 333.9 | 324.1 |
| -87.5° | 323.4 | 327.8 | 327.9 | 327.9 | 327.9 | 327.8 | 323.4 | 319.0 | 310.9 | 302.9 | 294.1 |
| -90° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 | 2.4 | 2.4 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 90° | 265.0 | 259.6 | 254.1 | 250.5 | 246.8 | 241.4 | 235.9 | 228.1 | 220.2 | 212.4 | 204.5 |
| 87.5° | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 4.1 | 4.6 | 4.7 | 4.8 | 4.8 | 4.8 |
| 85° | 3.6 | 4.1 | 4.6 | 4.5 | 4.5 | 4.6 | 4.8 | 5.2 | 5.4 | 5.4 | 5.3 |
| 82.5° | 4.6 | 4.7 | 4.8 | 4.8 | 4.8 | 5.1 | 5.4 | 5.7 | 6.0 | 6.1 | 6.2 |
| 80° | 4.8 | 4.8 | 4.9 | 5.2 | 5.4 | 5.7 | 6.0 | 6.1 | 6.2 | 6.7 | 7.1 |
| 77.5° | 4.8 | 4.8 | 4.9 | 5.5 | 6.1 | 6.2 | 6.3 | 6.8 | 7.1 | 7.1 | 7.3 |
| 75° | 7.1 | 6.8 | 6.6 | 6.7 | 6.9 | 7.1 | 7.2 | 7.2 | 7.4 | 7.6 | 7.6 |
| 72.5° | 12.8 | 12.5 | 12.0 | 11.4 | 10.7 | 10.9 | 10.9 | 10.3 | 9.7 | 9.1 | 8.4 |
| 70° | 19.4 | 20.1 | 20.7 | 20.8 | 20.8 | 20.8 | 19.3 | 17.1 | 15.1 | 14.2 | 12.3 |
| 67.5° | 25.8 | 26.6 | 28.4 | 31.1 | 30.8 | 30.3 | 29.1 | 27.3 | 24.4 | 21.7 | 17.8 |
| 65° | 29.3 | 30.8 | 30.9 | 30.7 | 32.8 | 34.8 | 37.1 | 36.2 | 36.0 | 32.2 | 25.4 |
| 62.5° | 25.1 | 27.8 | 26.8 | 26.3 | 29.2 | 35.0 | 44.1 | 48.2 | 50.4 | 46.9 | 38.3 |
| 60° | 14.8 | 16.6 | 17.6 | 19.7 | 23.2 | 33.0 | 47.4 | 57.7 | 66.7 | 60.7 | 50.7 |
| 57.5° | 7.3 | 8.7 | 11.2 | 14.6 | 18.5 | 31.4 | 47.9 | 62.0 | 72.2 | 68.3 | 61.9 |
| 55° | 12.0 | 13.8 | 15.1 | 16.4 | 17.9 | 31.8 | 46.4 | 61.0 | 71.9 | 70.8 | 65.3 |
| 52.5° | 37.3 | 43.4 | 43.1 | 35.3 | 36.4 | 44.5 | 48.0 | 63.3 | 73.3 | 74.6 | 70.2 |
| 50° | 154.3 | 160.4 | 139.5 | 115.2 | 115.3 | 91.2 | 94.9 | 91.1 | 88.2 | 90.4 | 81.7 |
| 47.5° | 410.7 | 390.3 | 344.2 | 307.7 | 275.3 | 239.3 | 221.8 | 179.7 | 171.0 | 131.9 | 125.1 |
| 45° | 702.2 | 670.8 | 616.7 | 555.6 | 503.2 | 456.4 | 413.2 | 379.1 | 314.3 | 279.9 | 197.3 |
| 42.5° | 976.1 | 926.3 | 863.3 | 797.1 | 734.5 | 665.1 | 613.5 | 573.7 | 529.6 | 463.3 | 390.9 |
| 40° | 1385.1 | 1165.4 | 1085.6 | 1007.7 | 924.3 | 843.7 | 785.0 | 724.8 | 693.6 | 641.5 | 571.4 |
| 37.5° | 2168.1 | 1688.3 | 1450.3 | 1215.3 | 1113.0 | 1023.1 | 955.3 | 893.5 | 833.8 | 788.0 | 722.0 |
| 35° | 3451.6 | 2763.6 | 2129.4 | 1694.3 | 1350.2 | 1230.0 | 1140.9 | 1070.2 | 996.6 | 922.7 | 860.3 |
| 32.5° | 5064.4 | 4210.9 | 3310.0 | 2529.9 | 1904.5 | 1515.6 | 1360.0 | 1259.5 | 1165.2 | 1074.2 | 984.9 |
| 30° | 7003.5 | 5933.4 | 4793.0 | 3740.5 | 2876.9 | 2130.4 | 1642.5 | 1473.3 | 1345.9 | 1231.2 | 1114.1 |
| 27.5° | 10346.6 | 8102.8 | 6721.0 | 5402.9 | 4308.5 | 3266.2 | 2323.8 | 1711.3 | 1542.1 | 1401.8 | 1262.7 |
| 25° | 14927.1 | 12389.9 | 9892.6 | 8101.5 | 6634.3 | 4853.0 | 3341.2 | 2310.8 | 1778.5 | 1581.2 | 1415.7 |
| 22.5° | 20661.3 | 17247.8 | 14120.1 | 11369.4 | 9227.3 | 6932.9 | 4780.1 | 2974.6 | 2033.2 | 1771.1 | 1576.3 |
| 20° | 27911.0 | 22331.0 | 18420.4 | 14897.7 | 11814.0 | 8908.4 | 6184.6 | 3981.8 | 2593.2 | 1973.9 | 1732.5 |
| 17.5° | 37485.4 | 29249.4 | 23232.9 | 18703.9 | 14784.0 | 11347.6 | 8055.0 | 5243.2 | 3117.5 | 2180.3 | 1886.0 |
| 15° | 47604.4 | 37097.1 | 28920.1 | 22514.1 | 17497.1 | 13504.1 | 9957.0 | 6507.1 | 3849.3 | 2545.7 | 2057.3 |
| 12.5° | 58430.3 | 45699.9 | 34764.6 | 26386.1 | 20063.5 | 15394.5 | 11515.7 | 7885.6 | 4836.9 | 2975.1 | 2202.9 |
| 10° | 67542.9 | 53081.2 | 40736.3 | 30881.1 | 23398.4 | 17498.4 | 12847.4 | 8977.0 | 5626.1 | 3350.0 | 2331.0 |
| 7.5° | 77108.9 | 59300.8 | 45288.2 | 34082.8 | 25969.8 | 19721.4 | 14219.3 | 9787.7 | 6231.2 | 3629.3 | 2429.7 |
| 5° | 83632.7 | 63427.5 | 48377.9 | 36260.3 | 27592.3 | 21237.3 | 15513.2 | 10350.3 | 6614.7 | 3819.9 | 2512.3 |
| 2.5° | 87722.3 | 65670.2 | 50048.1 | 37881.8 | 28446.8 | 21999.8 | 16526.7 | 11062.2 | 6939.0 | 3990.0 | 2595.0 |
| 0° | 90066.9 | 67728.6 | 51433.4 | 38896.0 | 28920.9 | 22413.3 | 17052.5 | 11887.8 | 7157.3 | 4103.7 | 2661.6 |
| -2.5° | 92016.3 | 68100.9 | 51116.8 | 38113.4 | 28627.4 | 22213.7 | 16936.2 | 12202.2 | 7629.3 | 4218.9 | 2732.8 |
| -5° | 89899.5 | 67164.8 | 49983.1 | 37151.6 | 28224.4 | 21899.3 | 16691.4 | 12110.6 | 7759.2 | 4268.5 | 2783.2 |
| -7.5° | 84890.5 | 64374.6 | 48104.2 | 35744.8 | 27420.7 | 21372.9 | 16235.4 | 11591.6 | 7439.2 | 4291.0 | 2850.6 |
| -10° | 77323.8 | 59881.7 | 44937.6 | 33837.9 | 26267.3 | 20559.6 | 15564.4 | 10994.5 | 7007.4 | 4198.8 | 2894.2 |
| -12.5° | 69319.6 | 54282.8 | 41113.0 | 31172.7 | 24667.1 | 19409.1 | 14610.8 | 10173.9 | 6414.2 | 3988.8 | 2926.9 |
| -15° | 60714.4 | 48036.5 | 37245.8 | 28934.1 | 22795.8 | 17910.0 | 13397.3 | 9126.1 | 5647.6 | 3685.6 | 2932.5 |
| -17.5° | 51792.9 | 41764.2 | 32710.7 | 25988.7 | 20696.9 | 16147.0 | 11908.0 | 8071.8 | 5090.5 | 3459.1 | 2916.4 |
| -20° | 42808.8 | 35518.6 | 28979.1 | 23219.3 | 18297.2 | 14009.4 | 10132.1 | 6793.4 | 4521.0 | 3403.8 | 2909.5 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| -22.5° | 35150.0 | 30253.4 | 25261.8 | 20255.6 | 15951.7 | 11865.9 | 8328.8 | 5520.7 | 3834.0 | 3284.0 | 2866.4 |
| -25° | 29546.1 | 25570.5 | 21493.1 | 17475.0 | 13438.3 | 9639.4 | 6516.8 | 4612.6 | 3603.2 | 3173.0 | 2787.4 |
| -27.5° | 24565.6 | 21128.3 | 17726.1 | 14224.8 | 10702.1 | 7512.1 | 5176.2 | 3802.3 | 3372.4 | 3024.9 | 2707.4 |
| -30° | 19907.1 | 16945.1 | 13947.5 | 10883.9 | 8111.8 | 5647.5 | 4070.8 | 3543.4 | 3179.2 | 2866.5 | 2581.8 |
| -32.5° | 15418.0 | 12942.1 | 10312.3 | 7895.4 | 5788.8 | 4324.3 | 3680.5 | 3294.6 | 2993.4 | 2717.6 | 2463.7 |
| -35° | 11161.4 | 9220.7 | 7127.8 | 5553.8 | 4237.9 | 3759.1 | 3404.6 | 3099.9 | 2820.1 | 2568.2 | 2343.2 |
| -37.5° | 7467.0 | 6069.7 | 5021.8 | 4064.6 | 3754.2 | 3451.5 | 3178.5 | 2909.2 | 2649.1 | 2433.3 | 2235.2 |
| -40° | 4994.0 | 4162.3 | 3928.4 | 3673.9 | 3437.9 | 3201.3 | 2959.6 | 2716.4 | 2504.0 | 2306.6 | 2132.5 |
| -42.5° | 3856.2 | 3688.9 | 3535.4 | 3357.5 | 3165.7 | 2960.8 | 2748.0 | 2548.8 | 2362.5 | 2195.0 | 2039.2 |
| -45° | 3460.0 | 3331.1 | 3208.2 | 3072.6 | 2910.4 | 2739.0 | 2558.0 | 2392.3 | 2233.6 | 2088.6 | 1946.4 |
| -47.5° | 3123.8 | 3021.2 | 2916.3 | 2812.2 | 2680.1 | 2539.5 | 2396.5 | 2250.4 | 2116.8 | 1975.7 | 1773.8 |
| -50° | 2831.5 | 2749.7 | 2661.0 | 2574.4 | 2480.8 | 2374.2 | 2250.4 | 2125.8 | 1973.5 | 1782.3 | 1593.0 |
| -52.5° | 2589.6 | 2519.3 | 2446.9 | 2380.9 | 2309.7 | 2220.6 | 2110.5 | 1940.0 | 1764.4 | 1582.1 | 1404.3 |
| -55° | 2382.6 | 2323.0 | 2263.3 | 2211.6 | 2144.7 | 2015.3 | 1875.3 | 1711.0 | 1540.0 | 1371.8 | 1219.1 |
| -57.5° | 2201.2 | 2135.6 | 2048.1 | 1962.3 | 1875.5 | 1753.5 | 1615.4 | 1461.3 | 1314.8 | 1174.0 | 1035.6 |
| -60° | 1916.6 | 1842.9 | 1755.2 | 1665.8 | 1577.9 | 1470.3 | 1354.4 | 1229.6 | 1099.3 | 983.5 | 868.6 |
| -62.5° | 1589.6 | 1519.4 | 1443.2 | 1367.0 | 1295.9 | 1212.8 | 1111.5 | 1011.6 | 906.1 | 803.5 | 720.6 |
| -65° | 1272.4 | 1216.7 | 1153.6 | 1093.0 | 1037.1 | 975.6 | 890.6 | 814.7 | 739.7 | 663.2 | 591.1 |
| -67.5° | 991.2 | 947.6 | 898.5 | 850.4 | 814.9 | 776.5 | 720.2 | 658.3 | 603.8 | 554.2 | 508.2 |
| -70° | 769.9 | 741.3 | 709.9 | 675.6 | 648.4 | 624.7 | 589.6 | 548.3 | 505.5 | 466.9 | 431.5 |
| -72.5° | 612.2 | 594.0 | 574.1 | 552.4 | 530.6 | 512.9 | 488.8 | 458.4 | 426.7 | 392.7 | 364.8 |
| -75° | 500.5 | 487.1 | 472.6 | 457.7 | 442.0 | 425.1 | 409.4 | 391.3 | 371.9 | 351.1 | 331.8 |
| -77.5° | 424.0 | 414.7 | 405.4 | 397.2 | 388.5 | 379.0 | 367.4 | 351.4 | 336.0 | 320.0 | 304.9 |
| -80° | 379.9 | 372.2 | 364.5 | 358.4 | 351.7 | 343.8 | 334.7 | 321.4 | 307.8 | 294.0 | 281.0 |
| -82.5° | 345.6 | 339.1 | 332.5 | 326.7 | 320.5 | 313.3 | 305.5 | 294.1 | 282.5 | 270.4 | 258.5 |
| -85° | 314.3 | 308.3 | 302.2 | 296.8 | 291.4 | 284.9 | 278.2 | 268.3 | 258.3 | 247.4 | 236.5 |
| -87.5° | 285.4 | 279.6 | 273.7 | 269.7 | 265.6 | 259.7 | 253.7 | 245.3 | 236.8 | 227.4 | 218.1 |
| -90° | 2.4 | 2.4 | 2.4 | 3.0 | 3.6 | 3.6 | 3.6 | 4.2 | 4.8 | 4.8 | 4.8 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 90° | 197.2 | 189.9 | 182.7 | 175.4 | 169.4 | 163.3 | 156.7 | 150.0 | 141.0 | 131.9 | 118.0 |
| 87.5° | 5.2 | 5.6 | 6.2 | 6.7 | 6.7 | 6.7 | 7.2 | 7.8 | 7.8 | 7.7 | 8.3 |
| 85° | 5.9 | 6.4 | 6.8 | 7.3 | 7.3 | 7.3 | 7.8 | 8.3 | 8.2 | 8.1 | 8.6 |
| 82.5° | 6.7 | 7.2 | 7.2 | 7.3 | 7.7 | 7.9 | 8.4 | 8.8 | 8.8 | 8.6 | 9.0 |
| 80° | 7.1 | 7.4 | 7.6 | 7.7 | 8.1 | 8.6 | 9.0 | 9.4 | 9.5 | 9.4 | 9.6 |
| 77.5° | 7.3 | 7.5 | 8.1 | 8.3 | 8.4 | 8.6 | 9.2 | 9.8 | 10.2 | 10.3 | 10.4 |
| 75° | 7.3 | 7.5 | 8.1 | 8.6 | 8.7 | 8.7 | 9.3 | 10.0 | 10.7 | 11.1 | 11.1 |
| 72.5° | 8.1 | 8.2 | 8.5 | 8.8 | 9.1 | 9.5 | 9.8 | 10.2 | 11.1 | 11.6 | 11.8 |
| 70° | 10.3 | 9.3 | 9.3 | 9.7 | 10.0 | 10.3 | 10.8 | 11.1 | 11.5 | 12.2 | 12.5 |
| 67.5° | 13.4 | 12.0 | 11.1 | 11.0 | 11.3 | 11.6 | 11.9 | 12.2 | 12.5 | 12.8 | 13.2 |
| 65° | 21.0 | 17.0 | 13.3 | 13.1 | 13.0 | 13.0 | 13.2 | 13.7 | 13.6 | 14.3 | 13.9 |
| 62.5° | 30.4 | 24.3 | 20.4 | 16.9 | 15.8 | 16.6 | 14.7 | 16.4 | 15.1 | 15.9 | 15.5 |
| 60° | 41.1 | 32.6 | 28.4 | 25.0 | 22.3 | 21.9 | 20.9 | 19.5 | 19.1 | 17.9 | 17.6 |
| 57.5° | 50.2 | 40.2 | 37.7 | 34.0 | 32.4 | 30.1 | 28.8 | 26.4 | 23.8 | 22.2 | 19.9 |
| 55° | 57.2 | 48.9 | 47.8 | 44.7 | 44.0 | 40.6 | 38.7 | 35.4 | 30.0 | 27.6 | 22.6 |
| 52.5° | 61.3 | 60.2 | 59.2 | 59.0 | 58.2 | 53.4 | 51.3 | 45.2 | 40.5 | 33.3 | 27.9 |
| 50° | 71.5 | 75.5 | 74.0 | 77.6 | 74.8 | 72.3 | 64.8 | 58.6 | 51.8 | 40.8 | 33.8 |
| 47.5° | 105.5 | 108.6 | 100.3 | 102.9 | 97.9 | 94.1 | 84.7 | 73.7 | 63.8 | 51.9 | 39.9 |
| 45° | 194.8 | 163.3 | 153.7 | 142.0 | 130.5 | 125.4 | 108.8 | 89.9 | 78.6 | 63.6 | 46.2 |
| 42.5° | 318.9 | 275.1 | 245.2 | 189.0 | 184.7 | 163.6 | 137.7 | 115.9 | 94.2 | 75.9 | 55.2 |
| 40° | 487.7 | 429.4 | 365.0 | 305.3 | 252.6 | 207.4 | 180.5 | 146.0 | 110.5 | 89.3 | 66.2 |
| 37.5° | 649.8 | 583.4 | 517.8 | 437.2 | 342.1 | 280.4 | 229.3 | 178.6 | 131.7 | 104.9 | 77.4 |
| 35° | 783.7 | 718.9 | 657.1 | 570.6 | 471.6 | 357.4 | 282.7 | 218.1 | 161.9 | 121.0 | 88.8 |
| 32.5° | 904.3 | 829.5 | 756.4 | 686.1 | 579.2 | 435.9 | 347.7 | 263.2 | 192.8 | 137.8 | 100.2 |
| 30° | 1019.6 | 928.7 | 843.5 | 775.5 | 664.4 | 524.3 | 412.0 | 306.2 | 224.3 | 155.1 | 111.9 |
| 27.5° | 1139.4 | 1028.4 | 927.6 | 848.3 | 733.5 | 600.3 | 462.5 | 347.0 | 256.3 | 174.1 | 124.6 |
| 25° | 1267.6 | 1137.3 | 1025.5 | 924.8 | 803.1 | 656.7 | 507.7 | 385.7 | 289.6 | 196.1 | 136.8 |
| 22.5° | 1403.4 | 1246.3 | 1120.0 | 1006.8 | 879.9 | 711.7 | 551.7 | 425.4 | 315.5 | 216.6 | 148.3 |
| 20° | 1531.9 | 1347.9 | 1206.2 | 1075.0 | 953.6 | 774.0 | 596.9 | 457.4 | 339.6 | 235.6 | 159.3 |
| 17.5° | 1659.8 | 1445.8 | 1273.0 | 1134.8 | 1016.2 | 838.2 | 643.4 | 487.4 | 362.0 | 253.2 | 169.5 |
| 15° | 1780.2 | 1541.1 | 1340.1 | 1187.7 | 1066.5 | 898.8 | 688.7 | 515.6 | 382.6 | 269.1 | 179.7 |
| 12.5° | 1891.9 | 1631.0 | 1406.4 | 1233.2 | 1103.8 | 953.2 | 732.1 | 541.8 | 401.2 | 285.2 | 190.1 |
| 10° | 1991.9 | 1715.5 | 1471.1 | 1276.7 | 1136.3 | 1001.4 | 772.8 | 570.6 | 425.1 | 301.0 | 199.9 |
| 7.5° | 2074.3 | 1792.8 | 1530.7 | 1317.9 | 1165.6 | 1042.7 | 816.9 | 607.5 | 448.8 | 315.3 | 208.9 |
| 5° | 2144.9 | 1862.5 | 1590.0 | 1366.2 | 1199.6 | 1076.3 | 857.0 | 642.2 | 470.8 | 328.1 | 217.1 |
| 2.5° | 2208.8 | 1923.6 | 1645.7 | 1412.1 | 1231.1 | 1103.1 | 892.0 | 674.2 | 490.7 | 339.1 | 224.5 |
| 0° | 2261.2 | 1974.4 | 1693.8 | 1453.0 | 1259.4 | 1123.9 | 921.9 | 702.9 | 508.1 | 348.4 | 231.1 |
| -2.5° | 2308.5 | 2010.5 | 1733.5 | 1495.9 | 1306.7 | 1155.1 | 940.1 | 717.3 | 522.4 | 360.6 | 239.0 |
| -5° | 2343.0 | 2036.8 | 1765.6 | 1533.5 | 1349.0 | 1180.3 | 953.2 | 727.8 | 533.8 | 370.8 | 245.9 |
| -7.5° | 2397.6 | 2067.4 | 1794.3 | 1566.4 | 1385.3 | 1198.6 | 960.9 | 734.4 | 542.1 | 378.8 | 251.8 |
| -10° | 2440.2 | 2095.6 | 1820.9 | 1593.6 | 1409.1 | 1214.0 | 964.9 | 737.2 | 547.4 | 384.3 | 256.6 |
| -12.5° | 2473.3 | 2115.8 | 1838.6 | 1613.7 | 1428.0 | 1227.0 | 975.2 | 740.5 | 549.3 | 387.2 | 260.1 |
| -15° | 2498.4 | 2145.5 | 1857.1 | 1627.5 | 1443.8 | 1233.8 | 977.9 | 740.3 | 546.9 | 386.7 | 262.4 |
| -17.5° | 2506.4 | 2156.8 | 1866.4 | 1638.3 | 1454.8 | 1234.1 | 972.5 | 734.1 | 540.9 | 382.9 | 264.0 |
| -20° | 2510.3 | 2161.5 | 1862.9 | 1639.3 | 1458.1 | 1219.7 | 958.3 | 721.4 | 531.1 | 376.9 | 264.7 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2498.7 | 2163.4 | 1875.0 | 1637.6 | 1446.4 | 1196.9 | 935.4 | 702.6 | 517.6 | 368.5 | 264.3 |
| -25° | 2449.8 | 2153.4 | 1877.3 | 1643.4 | 1415.7 | 1164.5 | 910.7 | 683.0 | 500.2 | 357.8 | 262.8 |
| -27.5° | 2390.9 | 2115.6 | 1865.9 | 1636.1 | 1384.2 | 1126.7 | 884.1 | 666.2 | 485.2 | 344.9 | 260.1 |
| -30° | 2326.0 | 2072.1 | 1838.7 | 1609.6 | 1342.1 | 1085.7 | 851.8 | 644.3 | 471.4 | 337.1 | 256.3 |
| -32.5° | 2233.9 | 2021.6 | 1802.9 | 1554.1 | 1289.9 | 1037.4 | 813.2 | 616.7 | 453.9 | 332.6 | 253.0 |
| -35° | 2144.5 | 1960.0 | 1759.2 | 1486.6 | 1228.6 | 988.4 | 771.3 | 583.5 | 432.8 | 326.3 | 249.1 |
| -37.5° | 2049.8 | 1883.6 | 1673.3 | 1408.3 | 1156.7 | 931.9 | 728.7 | 551.9 | 408.0 | 318.0 | 244.0 |
| -40° | 1964.4 | 1781.7 | 1554.5 | 1319.5 | 1081.7 | 866.8 | 680.4 | 520.9 | 392.1 | 308.0 | 237.6 |
| -42.5° | 1874.0 | 1645.2 | 1428.6 | 1215.2 | 999.7 | 803.5 | 628.4 | 486.2 | 379.0 | 298.2 | 229.9 |
| -45° | 1725.6 | 1504.8 | 1295.0 | 1102.6 | 910.9 | 733.5 | 585.0 | 451.0 | 363.4 | 287.7 | 223.3 |
| -47.5° | 1569.0 | 1359.9 | 1162.1 | 984.6 | 824.9 | 662.6 | 534.7 | 430.5 | 345.5 | 275.6 | 219.4 |
| -50° | 1405.8 | 1214.3 | 1031.6 | 873.4 | 726.5 | 602.5 | 486.7 | 407.1 | 329.5 | 261.8 | 214.7 |
| -52.5° | 1237.5 | 1069.5 | 908.1 | 761.8 | 645.7 | 538.2 | 453.6 | 380.1 | 311.4 | 252.7 | 209.4 |
| -55° | 1069.6 | 929.9 | 786.1 | 665.7 | 567.1 | 490.5 | 418.0 | 354.3 | 291.5 | 245.1 | 203.8 |
| -57.5° | 912.8 | 790.3 | 680.5 | 579.1 | 504.2 | 444.1 | 384.1 | 326.6 | 278.8 | 236.6 | 200.5 |
| -60° | 761.6 | 672.9 | 580.3 | 510.5 | 450.8 | 399.7 | 350.4 | 302.0 | 267.5 | 228.0 | 196.4 |
| -62.5° | 637.7 | 564.4 | 509.7 | 451.4 | 400.9 | 358.4 | 318.2 | 286.3 | 254.6 | 221.9 | 191.5 |
| -65° | 540.3 | 492.7 | 444.2 | 398.9 | 355.1 | 321.6 | 299.3 | 270.0 | 244.1 | 215.2 | 186.0 |
| -67.5° | 463.5 | 425.2 | 387.5 | 347.7 | 320.7 | 299.8 | 279.2 | 257.2 | 234.2 | 207.8 | 179.9 |
| -70° | 396.0 | 361.9 | 339.0 | 318.3 | 297.0 | 278.5 | 264.1 | 245.5 | 223.9 | 200.0 | 173.4 |
| -72.5° | 345.6 | 327.7 | 310.3 | 292.1 | 277.2 | 263.3 | 249.9 | 233.4 | 213.5 | 191.7 | 166.4 |
| -75° | 314.6 | 300.5 | 287.3 | 273.7 | 260.5 | 247.9 | 235.5 | 221.0 | 202.6 | 183.0 | 159.3 |
| -77.5° | 292.5 | 280.4 | 267.6 | 255.2 | 243.9 | 232.4 | 221.0 | 208.1 | 191.4 | 173.9 | 151.8 |
| -80° | 270.6 | 259.9 | 248.8 | 237.9 | 227.4 | 216.7 | 206.5 | 195.2 | 180.1 | 164.5 | 144.0 |
| -82.5° | 248.8 | 239.1 | 229.9 | 220.5 | 211.2 | 202.0 | 192.4 | 182.1 | 168.5 | 154.7 | 136.7 |
| -85° | 228.3 | 220.0 | 211.5 | 202.8 | 195.0 | 187.2 | 178.7 | 170.1 | 158.7 | 147.2 | 130.7 |
| -87.5° | 211.0 | 203.8 | 196.2 | 188.5 | 182.0 | 175.3 | 167.8 | 160.1 | 149.9 | 139.7 | 124.4 |
| -90° | 4.8 | 4.8 | 5.4 | 6.0 | 6.0 | 6.0 | 6.7 | 7.3 | 7.3 | 7.3 | 7.9 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|------|
| 90° | 104.0 | 86.5 | 69.0 | 49.6 | 30.2 | 20.5 | 10.9 |
| 87.5° | 8.8 | 8.9 | 8.9 | 8.8 | 8.7 | 9.9 | 10.9 |
| 85° | 9.1 | 9.3 | 9.3 | 9.1 | 8.9 | 10.1 | 10.9 |
| 82.5° | 9.5 | 9.7 | 9.7 | 9.4 | 9.2 | 10.3 | 10.9 |
| 80° | 9.8 | 10.1 | 10.2 | 9.7 | 9.4 | 10.6 | 10.9 |
| 77.5° | 10.5 | 10.5 | 10.6 | 10.1 | 9.6 | 10.8 | 10.9 |
| 75° | 11.1 | 11.1 | 11.0 | 10.4 | 9.9 | 11.0 | 10.9 |
| 72.5° | 11.7 | 11.6 | 11.4 | 10.7 | 10.2 | 11.2 | 10.9 |
| 70° | 12.4 | 12.2 | 11.9 | 11.0 | 10.5 | 11.5 | 10.9 |
| 67.5° | 13.2 | 12.7 | 12.3 | 11.5 | 10.8 | 11.7 | 10.9 |
| 65° | 14.2 | 13.5 | 12.8 | 11.9 | 11.1 | 11.9 | 10.9 |
| 62.5° | 15.2 | 14.6 | 13.4 | 12.4 | 11.5 | 12.2 | 10.9 |
| 60° | 16.3 | 15.7 | 13.9 | 12.9 | 11.9 | 12.4 | 10.9 |
| 57.5° | 18.6 | 17.0 | 15.2 | 13.4 | 12.5 | 12.7 | 10.9 |
| 55° | 21.1 | 18.2 | 16.5 | 13.9 | 13.2 | 12.9 | 10.9 |
| 52.5° | 23.8 | 19.8 | 17.9 | 14.5 | 14.0 | 13.2 | 10.9 |
| 50° | 26.6 | 22.5 | 19.4 | 15.0 | 14.8 | 13.4 | 10.9 |
| 47.5° | 29.9 | 25.4 | 20.9 | 15.7 | 15.6 | 13.7 | 10.9 |
| 45° | 35.4 | 28.4 | 22.5 | 16.9 | 16.5 | 13.9 | 10.9 |
| 42.5° | 41.0 | 31.5 | 24.2 | 18.2 | 17.4 | 14.2 | 10.9 |
| 40° | 46.9 | 34.7 | 26.3 | 20.0 | 18.3 | 14.5 | 10.9 |
| 37.5° | 53.1 | 38.1 | 28.9 | 22.1 | 19.3 | 14.7 | 10.9 |
| 35° | 59.3 | 42.5 | 31.5 | 24.2 | 20.3 | 15.0 | 10.9 |
| 32.5° | 66.4 | 47.5 | 34.0 | 26.4 | 21.4 | 15.2 | 10.9 |
| 30° | 75.7 | 52.3 | 36.6 | 28.6 | 22.5 | 15.5 | 10.9 |
| 27.5° | 84.7 | 57.1 | 40.2 | 30.8 | 23.6 | 15.7 | 10.9 |
| 25° | 93.4 | 61.8 | 43.7 | 33.0 | 24.7 | 16.0 | 10.9 |
| 22.5° | 101.8 | 66.6 | 47.2 | 35.2 | 25.8 | 16.2 | 10.9 |
| 20° | 109.8 | 72.1 | 50.6 | 37.4 | 26.9 | 16.5 | 10.9 |
| 17.5° | 118.2 | 77.5 | 53.9 | 39.5 | 28.0 | 16.7 | 10.9 |
| 15° | 126.4 | 82.7 | 57.2 | 41.7 | 29.1 | 16.9 | 10.9 |
| 12.5° | 134.2 | 87.7 | 60.3 | 43.8 | 30.2 | 17.2 | 10.9 |
| 10° | 141.4 | 92.5 | 63.2 | 45.8 | 31.3 | 17.4 | 10.9 |
| 7.5° | 148.1 | 97.0 | 66.1 | 47.8 | 32.3 | 17.6 | 10.9 |
| 5° | 154.2 | 101.3 | 68.8 | 49.7 | 33.3 | 17.8 | 10.9 |
| 2.5° | 159.7 | 105.2 | 71.4 | 51.5 | 34.2 | 17.9 | 10.9 |
| 0° | 164.5 | 108.9 | 73.8 | 53.2 | 35.1 | 18.1 | 10.9 |
| -2.5° | 170.2 | 113.3 | 77.2 | 55.5 | 36.4 | 18.8 | 10.9 |
| -5° | 175.2 | 117.3 | 80.5 | 57.6 | 37.7 | 19.4 | 10.9 |
| -7.5° | 179.4 | 121.0 | 83.6 | 59.6 | 38.9 | 20.0 | 10.9 |
| -10° | 183.0 | 124.3 | 86.4 | 61.5 | 40.0 | 20.6 | 10.9 |
| -12.5° | 185.8 | 127.2 | 89.1 | 63.3 | 41.1 | 21.2 | 10.9 |
| -15° | 187.8 | 129.7 | 91.5 | 64.9 | 42.1 | 21.7 | 10.9 |
| -17.5° | 189.0 | 131.8 | 93.6 | 66.4 | 43.0 | 22.2 | 10.9 |
| -20° | 190.0 | 133.5 | 95.5 | 67.7 | 43.8 | 22.7 | 10.9 |



REPORT NUMBER: P1306292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|------|
| -22.5° | 190.9 | 134.8 | 97.1 | 68.8 | 44.5 | 23.2 | 10.9 |
| -25° | 190.9 | 136.3 | 98.5 | 69.8 | 45.1 | 23.6 | 10.9 |
| -27.5° | 190.1 | 137.8 | 99.5 | 70.6 | 45.7 | 24.0 | 10.9 |
| -30° | 188.4 | 138.7 | 100.4 | 71.2 | 46.1 | 24.3 | 10.9 |
| -32.5° | 185.9 | 139.2 | 101.7 | 71.6 | 46.5 | 24.7 | 10.9 |
| -35° | 184.9 | 139.2 | 102.7 | 71.9 | 46.8 | 24.9 | 10.9 |
| -37.5° | 184.4 | 139.2 | 103.5 | 72.0 | 46.9 | 25.1 | 10.9 |
| -40° | 183.2 | 139.8 | 104.0 | 71.9 | 47.0 | 25.3 | 10.9 |
| -42.5° | 181.2 | 140.0 | 104.3 | 71.8 | 47.0 | 25.5 | 10.9 |
| -45° | 178.5 | 139.9 | 104.5 | 72.0 | 46.9 | 25.6 | 10.9 |
| -47.5° | 175.2 | 139.4 | 104.4 | 71.9 | 46.7 | 25.6 | 10.9 |
| -50° | 173.4 | 138.5 | 104.0 | 71.9 | 46.4 | 25.6 | 10.9 |
| -52.5° | 171.6 | 137.2 | 103.3 | 71.8 | 46.0 | 25.6 | 10.9 |
| -55° | 169.3 | 135.5 | 102.3 | 71.5 | 45.6 | 25.5 | 10.9 |
| -57.5° | 166.6 | 133.5 | 100.9 | 71.0 | 45.0 | 25.4 | 10.9 |
| -60° | 163.4 | 131.1 | 99.3 | 70.3 | 44.3 | 25.2 | 10.9 |
| -62.5° | 159.8 | 128.3 | 98.0 | 69.4 | 43.7 | 25.0 | 10.9 |
| -65° | 155.7 | 125.1 | 96.4 | 68.4 | 42.9 | 24.8 | 10.9 |
| -67.5° | 151.1 | 121.9 | 94.5 | 67.1 | 42.0 | 24.5 | 10.9 |
| -70° | 146.2 | 118.6 | 92.4 | 65.7 | 41.0 | 24.2 | 10.9 |
| -72.5° | 141.1 | 115.0 | 90.0 | 64.2 | 39.9 | 23.8 | 10.9 |
| -75° | 135.8 | 111.1 | 87.4 | 62.5 | 38.8 | 23.5 | 10.9 |
| -77.5° | 130.0 | 106.8 | 84.8 | 60.7 | 37.5 | 23.0 | 10.9 |
| -80° | 123.9 | 102.9 | 82.0 | 58.8 | 36.2 | 22.6 | 10.9 |
| -82.5° | 119.1 | 99.1 | 79.0 | 56.7 | 34.8 | 22.1 | 10.9 |
| -85° | 114.3 | 95.1 | 75.8 | 54.4 | 33.3 | 21.6 | 10.9 |
| -87.5° | 109.2 | 90.9 | 72.5 | 52.1 | 31.8 | 21.1 | 10.9 |
| -90° | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 9.7 | 10.9 |

(END OF REPORT)