

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: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-5S-HEG-A**

Issue Date: 2/3/2026

Test Information

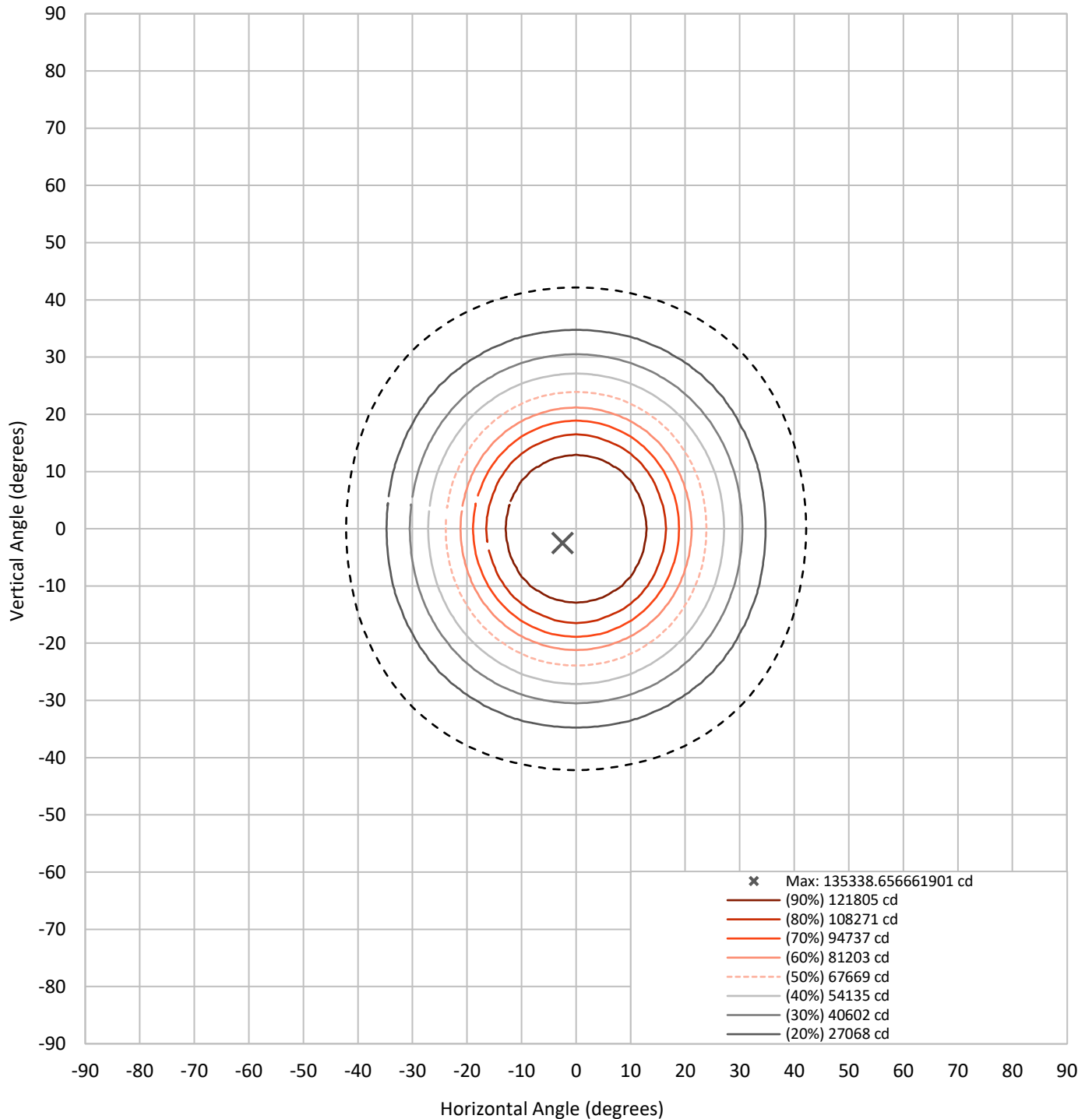
Test Method: LM-79-08
Report Number: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-57-70-5S-HEG-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 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: | 98924.4 lumens | Max Intensity: | 135338.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x -2.5°V |
| Efficacy: | 152.7 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: | 55496.5 lumens | Field Lumens: | 92173 lumens |
| Beam Efficiency: | 56.1% | Field Efficiency: | 93.2% |
| Input Watts (W): | 648 | | |
| 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: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

Iso-Candela Plot





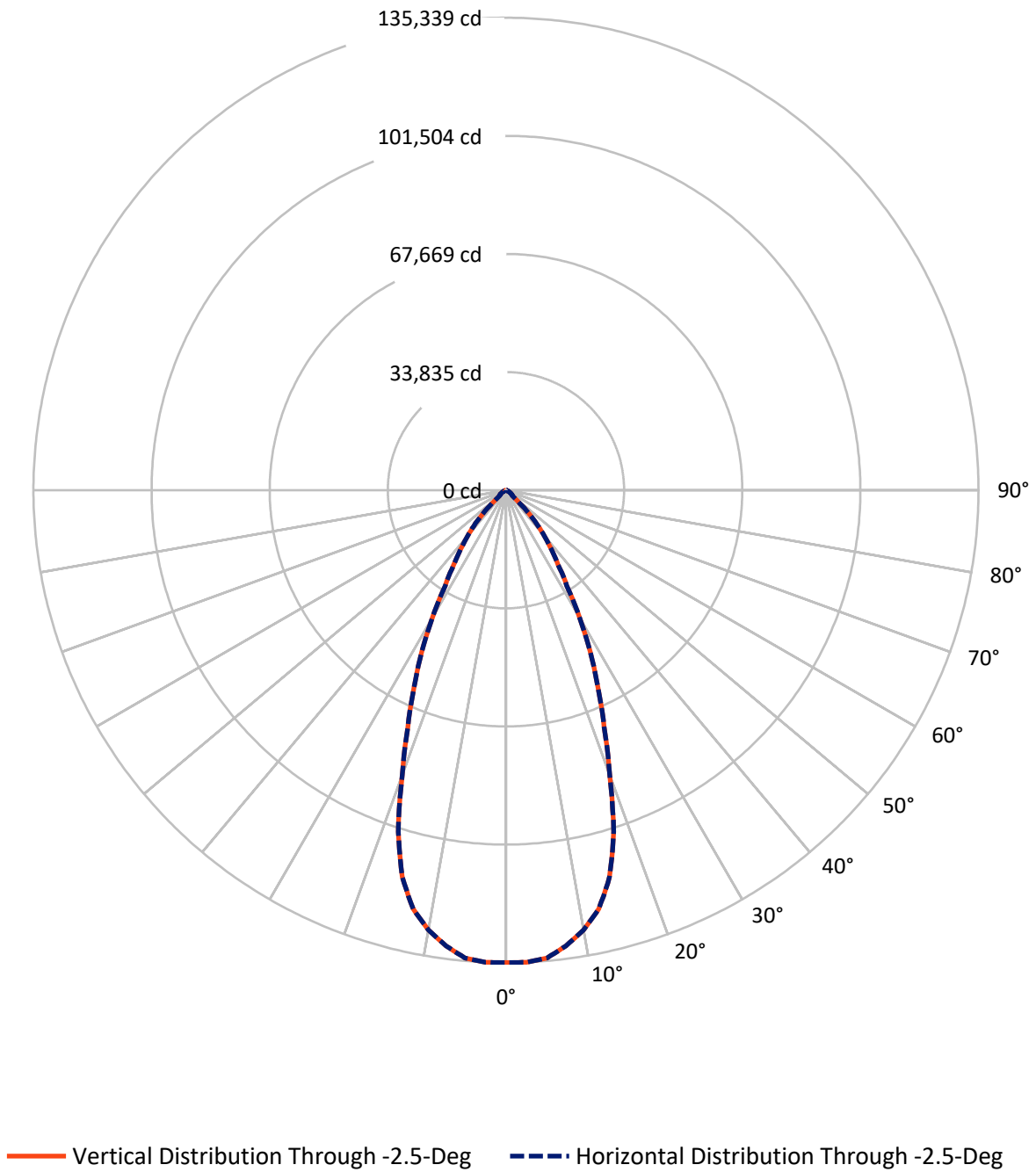
REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|------|-----|-----|
| 90 | 0.1 | 0.9 | 3.1 | 6.7 | 8.5 | 6.7 | 3.1 | 0.9 | 0.1 | | | | | | | |
| 80 | 0.1 | 0.9 | 3.1 | 6.7 | 8.5 | 6.7 | 3.1 | 0.9 | 0.1 | | | | | | | |
| 70 | 0.4 | 0.5 | 1.7 | 4.3 | 8.8 | 14.3 | 19.3 | 22.2 | 22.2 | 19.3 | 14.3 | 8.8 | 4.3 | 1.7 | 0.5 | 0.4 |
| 60 | | 1.2 | 5.0 | 13.6 | 26.6 | 40.6 | 51.2 | 56.9 | 56.9 | 51.2 | 40.6 | 26.6 | 13.6 | 5.0 | 1.2 | |
| 50 | 1.0 | 2.6 | 11.2 | 28.3 | 48.8 | 88.0 | 179.3 | 252.4 | 252.4 | 179.3 | 88.0 | 48.8 | 28.3 | 11.2 | 2.6 | 1.0 |
| 40 | | 4.7 | 18.9 | 42.3 | 122.8 | 371.6 | 627.5 | 804.0 | 804.0 | 627.5 | 371.6 | 122.8 | 42.3 | 18.9 | 4.7 | |
| 30 | 1.9 | 6.9 | 26.0 | 69.5 | 337.7 | 768.3 | 1375.0 | 1845.4 | 1845.4 | 1375.0 | 768.3 | 337.7 | 69.5 | 26.0 | 6.9 | 1.9 |
| 20 | | 8.8 | 30.8 | 134.4 | 535.6 | 1294.0 | 2404.6 | 3276.0 | 3276.0 | 2404.6 | 1294.0 | 535.6 | 134.4 | 30.8 | 8.8 | |
| 10 | 2.3 | 9.8 | 33.1 | 183.7 | 666.5 | 1686.0 | 3180.6 | 3970.2 | 3970.2 | 3180.6 | 1686.0 | 666.5 | 183.7 | 33.1 | 9.8 | 2.3 |
| 0 | | 9.8 | 33.1 | 183.7 | 666.5 | 1686.0 | 3180.6 | 3970.2 | 3970.2 | 3180.6 | 1686.0 | 666.5 | 183.7 | 33.1 | 9.8 | |
| -10 | 1.9 | 8.8 | 30.8 | 134.4 | 535.6 | 1294.0 | 2404.6 | 3276.0 | 3276.0 | 2404.6 | 1294.0 | 535.6 | 134.4 | 30.8 | 8.8 | 1.9 |
| -20 | | 6.9 | 26.0 | 69.5 | 337.7 | 768.3 | 1375.0 | 1845.4 | 1845.4 | 1375.0 | 768.3 | 337.7 | 69.5 | 26.0 | 6.9 | |
| -30 | 1.0 | 4.7 | 18.9 | 42.3 | 122.8 | 371.6 | 627.5 | 804.0 | 804.0 | 627.5 | 371.6 | 122.8 | 42.3 | 18.9 | 4.7 | 1.0 |
| -40 | | 2.6 | 11.2 | 28.3 | 48.8 | 88.0 | 179.3 | 252.4 | 252.4 | 179.3 | 88.0 | 48.8 | 28.3 | 11.2 | 2.6 | |
| -50 | 0.4 | 1.2 | 5.0 | 13.6 | 26.6 | 40.6 | 51.2 | 56.9 | 56.9 | 51.2 | 40.6 | 26.6 | 13.6 | 5.0 | 1.2 | 0.4 |
| -60 | | 0.5 | 1.7 | 4.3 | 8.8 | 14.3 | 19.3 | 22.2 | 22.2 | 19.3 | 14.3 | 8.8 | 4.3 | 1.7 | 0.5 | |
| -70 | 0.1 | 0.9 | 3.1 | 6.7 | 8.5 | 6.7 | 3.1 | 0.9 | 0.1 | | | | | | | |
| -80 | | 0.1 | 0.9 | 3.1 | 6.7 | 8.5 | 6.7 | 3.1 | 0.9 | 0.1 | | | | | | |
| -90 | 0.1 | 0.9 | 3.1 | 6.7 | 8.5 | 6.7 | 3.1 | 0.9 | 0.1 | | | | | | | |

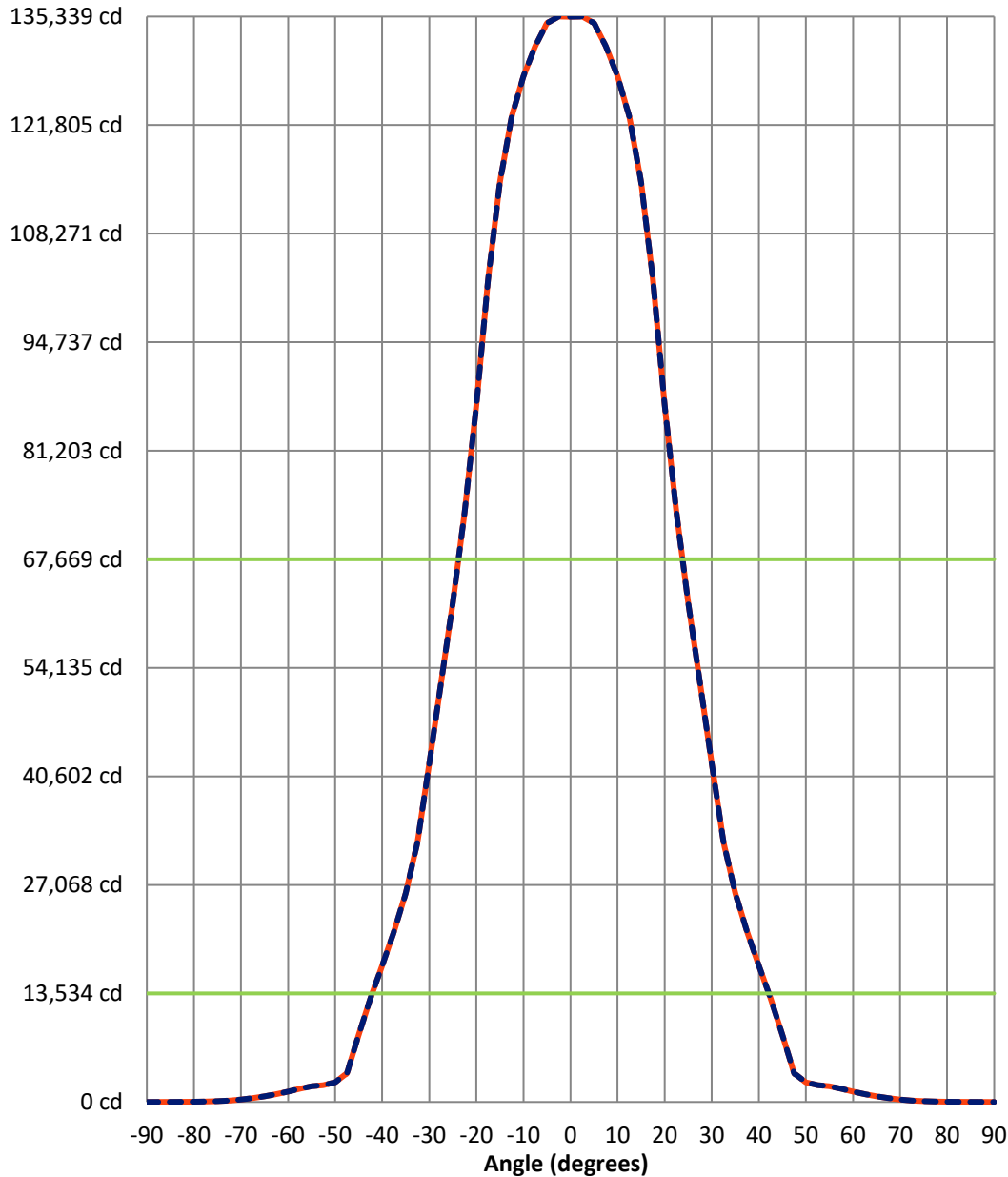
REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 47.6°
V Angle: 47.6°
Lumens: 55496.5
Efficiency: 56.1%

Field:
H Angle: 84.3°
V Angle: 84.3°
Lumens: 92173
Efficiency: 93.2%

Spill:
Lumens: 6751.3
Efficiency: 6.8%

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



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.5 | 2.8 |
| 85° | 0.0 | 0.6 | 1.1 | 1.7 | 2.3 | 2.9 | 3.4 | 4.0 | 4.5 | 5.0 | 5.6 |
| 82.5° | 0.0 | 0.9 | 1.7 | 2.6 | 3.4 | 4.3 | 5.1 | 5.9 | 6.8 | 7.5 | 8.3 |
| 80° | 0.0 | 1.1 | 2.3 | 3.4 | 4.6 | 5.7 | 6.8 | 7.9 | 9.0 | 10.0 | 11.0 |
| 77.5° | 0.0 | 1.4 | 2.9 | 4.3 | 5.7 | 7.1 | 8.4 | 9.8 | 11.1 | 12.5 | 13.9 |
| 75° | 0.0 | 1.7 | 3.4 | 5.1 | 6.8 | 8.4 | 10.1 | 11.7 | 13.4 | 15.4 | 17.3 |
| 72.5° | 0.0 | 2.0 | 4.0 | 5.9 | 7.9 | 9.8 | 11.7 | 13.7 | 16.1 | 18.4 | 20.7 |
| 70° | 0.0 | 2.3 | 4.5 | 6.8 | 9.0 | 11.1 | 13.4 | 16.1 | 18.8 | 21.5 | 25.1 |
| 67.5° | 0.0 | 2.5 | 5.0 | 7.5 | 10.0 | 12.5 | 15.4 | 18.4 | 21.5 | 25.6 | 29.6 |
| 65° | 0.0 | 2.8 | 5.6 | 8.3 | 11.0 | 13.9 | 17.3 | 20.7 | 25.1 | 29.6 | 35.8 |
| 62.5° | 0.0 | 3.0 | 6.1 | 9.1 | 12.1 | 15.5 | 19.3 | 23.6 | 28.6 | 34.7 | 46.0 |
| 60° | 0.0 | 3.3 | 6.6 | 9.8 | 13.1 | 17.1 | 21.2 | 26.6 | 32.1 | 43.6 | 55.9 |
| 57.5° | 0.0 | 3.5 | 7.1 | 10.6 | 14.3 | 18.7 | 23.7 | 29.6 | 39.0 | 52.4 | 71.0 |
| 55° | 0.0 | 3.8 | 7.6 | 11.3 | 15.5 | 20.2 | 26.1 | 32.5 | 46.6 | 62.5 | 88.3 |
| 52.5° | 0.0 | 4.0 | 8.0 | 11.9 | 16.6 | 21.7 | 28.5 | 38.6 | 54.0 | 77.6 | 105.1 |
| 50° | 0.0 | 4.2 | 8.5 | 12.6 | 17.8 | 23.7 | 30.9 | 44.8 | 62.9 | 92.3 | 127.8 |
| 47.5° | 0.0 | 4.5 | 8.9 | 13.3 | 18.9 | 25.5 | 33.5 | 50.9 | 75.5 | 106.5 | 150.6 |
| 45° | 0.0 | 4.7 | 9.3 | 14.1 | 19.9 | 27.3 | 38.5 | 56.7 | 87.6 | 126.1 | 172.6 |
| 42.5° | 0.0 | 4.9 | 9.7 | 14.8 | 20.9 | 29.1 | 43.3 | 65.0 | 99.3 | 145.1 | 210.1 |
| 40° | 0.0 | 5.1 | 10.1 | 15.6 | 22.1 | 30.7 | 47.9 | 74.7 | 112.0 | 163.2 | 248.7 |
| 37.5° | 0.0 | 5.2 | 10.4 | 16.2 | 23.3 | 32.3 | 52.3 | 83.9 | 127.3 | 184.9 | 285.5 |
| 35° | 0.0 | 5.4 | 10.7 | 16.9 | 24.5 | 35.0 | 56.4 | 92.7 | 141.8 | 216.1 | 325.3 |
| 32.5° | 0.0 | 5.6 | 11.1 | 17.5 | 25.6 | 38.2 | 61.2 | 100.9 | 155.5 | 245.6 | 370.2 |
| 30° | 0.0 | 5.7 | 11.4 | 18.0 | 26.6 | 41.3 | 67.7 | 109.4 | 168.2 | 273.2 | 412.3 |
| 27.5° | 0.0 | 5.9 | 11.6 | 18.6 | 27.6 | 44.0 | 73.8 | 119.7 | 184.1 | 298.8 | 451.5 |
| 25° | 0.0 | 6.0 | 11.9 | 19.1 | 28.5 | 46.6 | 79.4 | 129.3 | 205.0 | 328.1 | 488.1 |
| 22.5° | 0.0 | 6.1 | 12.1 | 19.5 | 29.3 | 48.9 | 84.6 | 137.9 | 224.1 | 357.6 | 529.3 |
| 20° | 0.0 | 6.2 | 12.3 | 19.9 | 30.0 | 51.1 | 89.2 | 145.8 | 241.3 | 384.2 | 566.5 |
| 17.5° | 0.0 | 6.3 | 12.5 | 20.2 | 30.7 | 52.9 | 93.3 | 152.7 | 256.5 | 407.8 | 599.6 |
| 15° | 0.0 | 6.4 | 12.7 | 20.5 | 31.2 | 54.6 | 96.8 | 158.8 | 269.8 | 428.4 | 628.5 |
| 12.5° | 0.0 | 6.4 | 12.8 | 20.8 | 31.7 | 55.9 | 99.9 | 163.9 | 281.2 | 446.0 | 653.2 |
| 10° | 0.0 | 6.5 | 12.9 | 21.0 | 32.1 | 57.1 | 102.4 | 168.1 | 290.5 | 460.4 | 673.4 |
| 7.5° | 0.0 | 6.5 | 13.0 | 21.2 | 32.4 | 58.0 | 104.3 | 171.4 | 297.7 | 471.7 | 689.2 |
| 5° | 0.0 | 6.6 | 13.1 | 21.3 | 32.6 | 58.6 | 105.7 | 173.8 | 302.9 | 479.7 | 700.5 |
| 2.5° | 0.0 | 6.6 | 13.1 | 21.4 | 32.8 | 59.0 | 106.5 | 175.2 | 306.1 | 484.6 | 707.3 |
| 0° | 0.0 | 6.6 | 13.1 | 21.4 | 32.8 | 59.1 | 106.8 | 175.7 | 307.1 | 486.2 | 709.6 |
| -2.5° | 0.0 | 6.6 | 13.1 | 21.4 | 32.8 | 59.1 | 106.8 | 175.7 | 307.1 | 486.2 | 709.6 |
| -5° | 0.0 | 6.6 | 13.1 | 21.3 | 32.6 | 58.6 | 105.7 | 173.8 | 302.9 | 479.7 | 700.5 |
| -7.5° | 0.0 | 6.5 | 13.0 | 21.2 | 32.4 | 58.0 | 104.3 | 171.4 | 297.7 | 471.7 | 689.2 |
| -10° | 0.0 | 6.5 | 12.9 | 21.0 | 32.1 | 57.1 | 102.4 | 168.1 | 290.5 | 460.4 | 673.4 |
| -12.5° | 0.0 | 6.4 | 12.8 | 20.8 | 31.7 | 55.9 | 99.9 | 163.9 | 281.2 | 446.0 | 653.2 |
| -15° | 0.0 | 6.4 | 12.7 | 20.5 | 31.2 | 54.6 | 96.8 | 158.8 | 269.8 | 428.4 | 628.5 |
| -17.5° | 0.0 | 6.3 | 12.5 | 20.2 | 30.7 | 52.9 | 93.3 | 152.7 | 256.5 | 407.8 | 599.6 |
| -20° | 0.0 | 6.2 | 12.3 | 19.9 | 30.0 | 51.1 | 89.2 | 145.8 | 241.3 | 384.2 | 566.5 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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 | 6.1 | 12.1 | 19.5 | 29.3 | 48.9 | 84.6 | 137.9 | 224.1 | 357.6 | 529.3 |
| -25° | 0.0 | 6.0 | 11.9 | 19.1 | 28.5 | 46.6 | 79.4 | 129.3 | 205.0 | 328.1 | 488.1 |
| -27.5° | 0.0 | 5.9 | 11.6 | 18.6 | 27.6 | 44.0 | 73.8 | 119.7 | 184.1 | 298.8 | 451.5 |
| -30° | 0.0 | 5.7 | 11.4 | 18.0 | 26.6 | 41.3 | 67.7 | 109.4 | 168.2 | 273.2 | 412.3 |
| -32.5° | 0.0 | 5.6 | 11.1 | 17.5 | 25.6 | 38.2 | 61.2 | 100.9 | 155.5 | 245.6 | 370.2 |
| -35° | 0.0 | 5.4 | 10.7 | 16.9 | 24.5 | 35.0 | 56.4 | 92.7 | 141.8 | 216.1 | 325.3 |
| -37.5° | 0.0 | 5.2 | 10.4 | 16.2 | 23.3 | 32.3 | 52.3 | 83.9 | 127.3 | 184.9 | 285.5 |
| -40° | 0.0 | 5.1 | 10.1 | 15.6 | 22.1 | 30.7 | 47.9 | 74.7 | 112.0 | 163.2 | 248.7 |
| -42.5° | 0.0 | 4.9 | 9.7 | 14.8 | 20.9 | 29.1 | 43.3 | 65.0 | 99.3 | 145.1 | 210.1 |
| -45° | 0.0 | 4.7 | 9.3 | 14.1 | 19.9 | 27.3 | 38.5 | 56.7 | 87.6 | 126.1 | 172.6 |
| -47.5° | 0.0 | 4.5 | 8.9 | 13.3 | 18.9 | 25.5 | 33.5 | 50.9 | 75.5 | 106.5 | 150.6 |
| -50° | 0.0 | 4.2 | 8.5 | 12.6 | 17.8 | 23.7 | 30.9 | 44.8 | 62.9 | 92.3 | 127.8 |
| -52.5° | 0.0 | 4.0 | 8.0 | 11.9 | 16.6 | 21.7 | 28.5 | 38.6 | 54.0 | 77.6 | 105.1 |
| -55° | 0.0 | 3.8 | 7.6 | 11.3 | 15.5 | 20.2 | 26.1 | 32.5 | 46.6 | 62.5 | 88.3 |
| -57.5° | 0.0 | 3.5 | 7.1 | 10.6 | 14.3 | 18.7 | 23.7 | 29.6 | 39.0 | 52.4 | 71.0 |
| -60° | 0.0 | 3.3 | 6.6 | 9.8 | 13.1 | 17.1 | 21.2 | 26.6 | 32.1 | 43.6 | 55.9 |
| -62.5° | 0.0 | 3.0 | 6.1 | 9.1 | 12.1 | 15.5 | 19.3 | 23.6 | 28.6 | 34.7 | 46.0 |
| -65° | 0.0 | 2.8 | 5.6 | 8.3 | 11.0 | 13.9 | 17.3 | 20.7 | 25.1 | 29.6 | 35.8 |
| -67.5° | 0.0 | 2.5 | 5.0 | 7.5 | 10.0 | 12.5 | 15.4 | 18.4 | 21.5 | 25.6 | 29.6 |
| -70° | 0.0 | 2.3 | 4.5 | 6.8 | 9.0 | 11.1 | 13.4 | 16.1 | 18.8 | 21.5 | 25.1 |
| -72.5° | 0.0 | 2.0 | 4.0 | 5.9 | 7.9 | 9.8 | 11.7 | 13.7 | 16.1 | 18.4 | 20.7 |
| -75° | 0.0 | 1.7 | 3.4 | 5.1 | 6.8 | 8.4 | 10.1 | 11.7 | 13.4 | 15.4 | 17.3 |
| -77.5° | 0.0 | 1.4 | 2.9 | 4.3 | 5.7 | 7.1 | 8.4 | 9.8 | 11.1 | 12.5 | 13.9 |
| -80° | 0.0 | 1.1 | 2.3 | 3.4 | 4.6 | 5.7 | 6.8 | 7.9 | 9.0 | 10.0 | 11.0 |
| -82.5° | 0.0 | 0.9 | 1.7 | 2.6 | 3.4 | 4.3 | 5.1 | 5.9 | 6.8 | 7.5 | 8.3 |
| -85° | 0.0 | 0.6 | 1.1 | 1.7 | 2.3 | 2.9 | 3.4 | 4.0 | 4.5 | 5.0 | 5.6 |
| -87.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.5 | 2.8 |
| -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: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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° | 3.0 | 3.3 | 3.5 | 3.8 | 4.0 | 4.2 | 4.5 | 4.7 | 4.9 | 5.1 | 5.2 |
| 85° | 6.1 | 6.6 | 7.1 | 7.6 | 8.0 | 8.5 | 8.9 | 9.3 | 9.7 | 10.1 | 10.4 |
| 82.5° | 9.1 | 9.8 | 10.6 | 11.3 | 11.9 | 12.6 | 13.3 | 14.1 | 14.8 | 15.6 | 16.2 |
| 80° | 12.1 | 13.1 | 14.3 | 15.5 | 16.6 | 17.8 | 18.9 | 19.9 | 20.9 | 22.1 | 23.3 |
| 77.5° | 15.5 | 17.1 | 18.7 | 20.2 | 21.7 | 23.7 | 25.5 | 27.3 | 29.1 | 30.7 | 32.3 |
| 75° | 19.3 | 21.2 | 23.7 | 26.1 | 28.5 | 30.9 | 33.5 | 38.5 | 43.3 | 47.9 | 52.3 |
| 72.5° | 23.6 | 26.6 | 29.6 | 32.5 | 38.6 | 44.8 | 50.9 | 56.7 | 65.0 | 74.7 | 83.9 |
| 70° | 28.6 | 32.1 | 39.0 | 46.6 | 54.0 | 62.9 | 75.5 | 87.6 | 99.3 | 112.0 | 127.3 |
| 67.5° | 34.7 | 43.6 | 52.4 | 62.5 | 77.6 | 92.3 | 106.5 | 126.1 | 145.1 | 163.2 | 184.9 |
| 65° | 46.0 | 55.9 | 71.0 | 88.3 | 105.1 | 127.8 | 150.6 | 172.6 | 210.1 | 248.7 | 285.5 |
| 62.5° | 57.1 | 75.3 | 94.7 | 116.7 | 143.3 | 169.2 | 211.3 | 257.5 | 302.0 | 358.3 | 413.8 |
| 60° | 75.3 | 96.8 | 122.9 | 152.7 | 187.3 | 241.3 | 293.6 | 357.6 | 424.0 | 488.1 | 564.0 |
| 57.5° | 94.7 | 122.9 | 155.8 | 199.3 | 259.4 | 321.7 | 399.1 | 474.0 | 561.0 | 647.5 | 734.8 |
| 55° | 116.7 | 152.7 | 199.3 | 265.4 | 338.4 | 424.2 | 512.9 | 613.8 | 711.4 | 825.7 | 935.1 |
| 52.5° | 143.3 | 187.3 | 259.4 | 338.4 | 432.6 | 534.1 | 645.7 | 763.8 | 891.5 | 1019.7 | 1156.2 |
| 50° | 169.2 | 241.3 | 321.7 | 424.2 | 534.1 | 656.4 | 790.1 | 931.4 | 1081.7 | 1234.4 | 1392.3 |
| 47.5° | 211.3 | 293.6 | 399.1 | 512.9 | 645.7 | 790.1 | 944.7 | 1112.9 | 1281.7 | 1464.7 | 1642.8 |
| 45° | 257.5 | 357.6 | 474.0 | 613.8 | 763.8 | 931.4 | 1112.9 | 1297.6 | 1501.2 | 1692.4 | 1856.2 |
| 42.5° | 302.0 | 424.0 | 561.0 | 711.4 | 891.5 | 1081.7 | 1281.7 | 1501.2 | 1708.4 | 1888.7 | 2008.4 |
| 40° | 358.3 | 488.1 | 647.5 | 825.7 | 1019.7 | 1234.4 | 1464.7 | 1692.4 | 1888.7 | 2015.8 | 2098.3 |
| 37.5° | 413.8 | 564.0 | 734.8 | 935.1 | 1156.2 | 1392.3 | 1642.8 | 1856.2 | 2008.4 | 2098.3 | 2318.2 |
| 35° | 466.5 | 636.2 | 830.9 | 1048.3 | 1286.5 | 1551.4 | 1791.6 | 1986.3 | 2083.2 | 2298.1 | 2705.7 |
| 32.5° | 523.7 | 704.4 | 921.8 | 1162.7 | 1425.4 | 1696.1 | 1931.7 | 2053.3 | 2238.3 | 2574.0 | 3380.8 |
| 30° | 581.9 | 781.4 | 1011.3 | 1270.4 | 1557.7 | 1819.4 | 2009.0 | 2139.8 | 2414.7 | 3179.3 | 5358.5 |
| 27.5° | 636.2 | 854.4 | 1103.7 | 1380.9 | 1678.1 | 1934.9 | 2064.7 | 2295.0 | 2848.2 | 4202.7 | 7940.1 |
| 25° | 686.3 | 921.8 | 1189.2 | 1486.8 | 1777.3 | 1999.2 | 2139.0 | 2439.8 | 3348.6 | 6469.1 | 10251.6 |
| 22.5° | 737.1 | 983.8 | 1267.6 | 1584.0 | 1868.5 | 2043.4 | 2263.0 | 2824.1 | 4455.9 | 8566.3 | 12372.3 |
| 20° | 787.6 | 1048.3 | 1344.1 | 1669.8 | 1951.2 | 2083.6 | 2375.8 | 3216.3 | 6243.6 | 10375.7 | 14186.0 |
| 17.5° | 832.6 | 1105.9 | 1415.9 | 1737.6 | 1991.5 | 2146.7 | 2513.4 | 3568.6 | 7852.5 | 12008.1 | 15763.1 |
| 15° | 871.9 | 1156.2 | 1478.7 | 1796.9 | 2020.5 | 2228.6 | 2799.3 | 4738.9 | 9223.2 | 13408.0 | 17163.2 |
| 12.5° | 905.4 | 1199.1 | 1532.3 | 1847.6 | 2045.3 | 2298.6 | 3044.3 | 5862.8 | 10368.9 | 14520.5 | 18420.5 |
| 10° | 932.9 | 1234.4 | 1576.4 | 1889.4 | 2065.7 | 2356.4 | 3246.8 | 6793.5 | 11319.1 | 15444.9 | 19467.5 |
| 7.5° | 954.4 | 1261.9 | 1611.0 | 1922.1 | 2081.7 | 2401.8 | 3405.8 | 7524.4 | 12066.3 | 16173.0 | 20293.8 |
| 5° | 969.8 | 1281.7 | 1635.7 | 1945.6 | 2093.2 | 2434.3 | 3520.0 | 8050.4 | 12604.7 | 16698.1 | 20890.6 |
| 2.5° | 979.1 | 1293.6 | 1650.6 | 1959.7 | 2100.1 | 2453.9 | 3588.9 | 8367.6 | 12929.5 | 17015.3 | 21251.5 |
| 0° | 982.2 | 1297.6 | 1655.6 | 1964.4 | 2102.4 | 2460.5 | 3611.9 | 8473.6 | 13038.1 | 17121.4 | 21372.2 |
| -2.5° | 979.1 | 1293.6 | 1650.6 | 1959.7 | 2100.1 | 2453.9 | 3588.9 | 8367.6 | 12929.5 | 17015.3 | 21251.5 |
| -5° | 969.8 | 1281.7 | 1635.7 | 1945.6 | 2093.2 | 2434.3 | 3520.0 | 8050.4 | 12604.7 | 16698.1 | 20890.6 |
| -7.5° | 954.4 | 1261.9 | 1611.0 | 1922.1 | 2081.7 | 2401.8 | 3405.8 | 7524.4 | 12066.3 | 16173.0 | 20293.8 |
| -10° | 932.9 | 1234.4 | 1576.4 | 1889.4 | 2065.7 | 2356.4 | 3246.8 | 6793.5 | 11319.1 | 15444.9 | 19467.5 |
| -12.5° | 905.4 | 1199.1 | 1532.3 | 1847.6 | 2045.3 | 2298.6 | 3044.3 | 5862.8 | 10368.9 | 14520.5 | 18420.5 |
| -15° | 871.9 | 1156.2 | 1478.7 | 1796.9 | 2020.5 | 2228.6 | 2799.3 | 4738.9 | 9223.2 | 13408.0 | 17163.2 |
| -17.5° | 832.6 | 1105.9 | 1415.9 | 1737.6 | 1991.5 | 2146.7 | 2513.4 | 3568.6 | 7852.5 | 12008.1 | 15763.1 |
| -20° | 787.6 | 1048.3 | 1344.1 | 1669.8 | 1951.2 | 2083.6 | 2375.8 | 3216.3 | 6243.6 | 10375.7 | 14186.0 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| -22.5° | 737.1 | 983.8 | 1267.6 | 1584.0 | 1868.5 | 2043.4 | 2263.0 | 2824.1 | 4455.9 | 8566.3 | 12372.3 |
| -25° | 686.3 | 921.8 | 1189.2 | 1486.8 | 1777.3 | 1999.2 | 2139.0 | 2439.8 | 3348.6 | 6469.1 | 10251.6 |
| -27.5° | 636.2 | 854.4 | 1103.7 | 1380.9 | 1678.1 | 1934.9 | 2064.7 | 2295.0 | 2848.2 | 4202.7 | 7940.1 |
| -30° | 581.9 | 781.4 | 1011.3 | 1270.4 | 1557.7 | 1819.4 | 2009.0 | 2139.8 | 2414.7 | 3179.3 | 5358.5 |
| -32.5° | 523.7 | 704.4 | 921.8 | 1162.7 | 1425.4 | 1696.1 | 1931.7 | 2053.3 | 2238.3 | 2574.0 | 3380.8 |
| -35° | 466.5 | 636.2 | 830.9 | 1048.3 | 1286.5 | 1551.4 | 1791.6 | 1986.3 | 2083.2 | 2298.1 | 2705.7 |
| -37.5° | 413.8 | 564.0 | 734.8 | 935.1 | 1156.2 | 1392.3 | 1642.8 | 1856.2 | 2008.4 | 2098.3 | 2318.2 |
| -40° | 358.3 | 488.1 | 647.5 | 825.7 | 1019.7 | 1234.4 | 1464.7 | 1692.4 | 1888.7 | 2015.8 | 2098.3 |
| -42.5° | 302.0 | 424.0 | 561.0 | 711.4 | 891.5 | 1081.7 | 1281.7 | 1501.2 | 1708.4 | 1888.7 | 2008.4 |
| -45° | 257.5 | 357.6 | 474.0 | 613.8 | 763.8 | 931.4 | 1112.9 | 1297.6 | 1501.2 | 1692.4 | 1856.2 |
| -47.5° | 211.3 | 293.6 | 399.1 | 512.9 | 645.7 | 790.1 | 944.7 | 1112.9 | 1281.7 | 1464.7 | 1642.8 |
| -50° | 169.2 | 241.3 | 321.7 | 424.2 | 534.1 | 656.4 | 790.1 | 931.4 | 1081.7 | 1234.4 | 1392.3 |
| -52.5° | 143.3 | 187.3 | 259.4 | 338.4 | 432.6 | 534.1 | 645.7 | 763.8 | 891.5 | 1019.7 | 1156.2 |
| -55° | 116.7 | 152.7 | 199.3 | 265.4 | 338.4 | 424.2 | 512.9 | 613.8 | 711.4 | 825.7 | 935.1 |
| -57.5° | 94.7 | 122.9 | 155.8 | 199.3 | 259.4 | 321.7 | 399.1 | 474.0 | 561.0 | 647.5 | 734.8 |
| -60° | 75.3 | 96.8 | 122.9 | 152.7 | 187.3 | 241.3 | 293.6 | 357.6 | 424.0 | 488.1 | 564.0 |
| -62.5° | 57.1 | 75.3 | 94.7 | 116.7 | 143.3 | 169.2 | 211.3 | 257.5 | 302.0 | 358.3 | 413.8 |
| -65° | 46.0 | 55.9 | 71.0 | 88.3 | 105.1 | 127.8 | 150.6 | 172.6 | 210.1 | 248.7 | 285.5 |
| -67.5° | 34.7 | 43.6 | 52.4 | 62.5 | 77.6 | 92.3 | 106.5 | 126.1 | 145.1 | 163.2 | 184.9 |
| -70° | 28.6 | 32.1 | 39.0 | 46.6 | 54.0 | 62.9 | 75.5 | 87.6 | 99.3 | 112.0 | 127.3 |
| -72.5° | 23.6 | 26.6 | 29.6 | 32.5 | 38.6 | 44.8 | 50.9 | 56.7 | 65.0 | 74.7 | 83.9 |
| -75° | 19.3 | 21.2 | 23.7 | 26.1 | 28.5 | 30.9 | 33.5 | 38.5 | 43.3 | 47.9 | 52.3 |
| -77.5° | 15.5 | 17.1 | 18.7 | 20.2 | 21.7 | 23.7 | 25.5 | 27.3 | 29.1 | 30.7 | 32.3 |
| -80° | 12.1 | 13.1 | 14.3 | 15.5 | 16.6 | 17.8 | 18.9 | 19.9 | 20.9 | 22.1 | 23.3 |
| -82.5° | 9.1 | 9.8 | 10.6 | 11.3 | 11.9 | 12.6 | 13.3 | 14.1 | 14.8 | 15.6 | 16.2 |
| -85° | 6.1 | 6.6 | 7.1 | 7.6 | 8.0 | 8.5 | 8.9 | 9.3 | 9.7 | 10.1 | 10.4 |
| -87.5° | 3.0 | 3.3 | 3.5 | 3.8 | 4.0 | 4.2 | 4.5 | 4.7 | 4.9 | 5.1 | 5.2 |
| -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: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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° | 5.4 | 5.6 | 5.7 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.4 | 6.5 |
| 85° | 10.7 | 11.1 | 11.4 | 11.6 | 11.9 | 12.1 | 12.3 | 12.5 | 12.7 | 12.8 | 12.9 |
| 82.5° | 16.9 | 17.5 | 18.0 | 18.6 | 19.1 | 19.5 | 19.9 | 20.2 | 20.5 | 20.8 | 21.0 |
| 80° | 24.5 | 25.6 | 26.6 | 27.6 | 28.5 | 29.3 | 30.0 | 30.7 | 31.2 | 31.7 | 32.1 |
| 77.5° | 35.0 | 38.2 | 41.3 | 44.0 | 46.6 | 48.9 | 51.1 | 52.9 | 54.6 | 55.9 | 57.1 |
| 75° | 56.4 | 61.2 | 67.7 | 73.8 | 79.4 | 84.6 | 89.2 | 93.3 | 96.8 | 99.9 | 102.4 |
| 72.5° | 92.7 | 100.9 | 109.4 | 119.7 | 129.3 | 137.9 | 145.8 | 152.7 | 158.8 | 163.9 | 168.1 |
| 70° | 141.8 | 155.5 | 168.2 | 184.1 | 205.0 | 224.1 | 241.3 | 256.5 | 269.8 | 281.2 | 290.5 |
| 67.5° | 216.1 | 245.6 | 273.2 | 298.8 | 328.1 | 357.6 | 384.2 | 407.8 | 428.4 | 446.0 | 460.4 |
| 65° | 325.3 | 370.2 | 412.3 | 451.5 | 488.1 | 529.3 | 566.5 | 599.6 | 628.5 | 653.2 | 673.4 |
| 62.5° | 466.5 | 523.7 | 581.9 | 636.2 | 686.3 | 737.1 | 787.6 | 832.6 | 871.9 | 905.4 | 932.9 |
| 60° | 636.2 | 704.4 | 781.4 | 854.4 | 921.8 | 983.8 | 1048.3 | 1105.9 | 1156.2 | 1199.1 | 1234.4 |
| 57.5° | 830.9 | 921.8 | 1011.3 | 1103.7 | 1189.2 | 1267.6 | 1344.1 | 1415.9 | 1478.7 | 1532.3 | 1576.4 |
| 55° | 1048.3 | 1162.7 | 1270.4 | 1380.9 | 1486.8 | 1584.0 | 1669.8 | 1737.6 | 1796.9 | 1847.6 | 1889.4 |
| 52.5° | 1286.5 | 1425.4 | 1557.7 | 1678.1 | 1777.3 | 1868.5 | 1951.2 | 1991.5 | 2020.5 | 2045.3 | 2065.7 |
| 50° | 1551.4 | 1696.1 | 1819.4 | 1934.9 | 1999.2 | 2043.4 | 2083.6 | 2146.7 | 2228.6 | 2298.6 | 2356.4 |
| 47.5° | 1791.6 | 1931.7 | 2009.0 | 2064.7 | 2139.0 | 2263.0 | 2375.8 | 2513.4 | 2799.3 | 3044.3 | 3246.8 |
| 45° | 1986.3 | 2053.3 | 2139.8 | 2295.0 | 2439.8 | 2824.1 | 3216.3 | 3568.6 | 4738.9 | 5862.8 | 6793.5 |
| 42.5° | 2083.2 | 2238.3 | 2414.7 | 2848.2 | 3348.6 | 4455.9 | 6243.6 | 7852.5 | 9223.2 | 10368.9 | 11319.1 |
| 40° | 2298.1 | 2574.0 | 3179.3 | 4202.7 | 6469.1 | 8566.3 | 10375.7 | 12008.1 | 13408.0 | 14520.5 | 15444.9 |
| 37.5° | 2705.7 | 3380.8 | 5358.5 | 7940.1 | 10251.6 | 12372.3 | 14186.0 | 15763.1 | 17163.2 | 18420.5 | 19467.5 |
| 35° | 3448.4 | 5943.0 | 8814.4 | 11398.2 | 13751.2 | 15786.5 | 17685.1 | 19457.9 | 21034.8 | 22538.8 | 23832.5 |
| 32.5° | 5943.0 | 9097.2 | 11978.8 | 14550.3 | 16878.3 | 19139.1 | 21240.4 | 23394.0 | 25332.5 | 27297.3 | 29188.8 |
| 30° | 8814.4 | 11978.8 | 14819.0 | 17444.8 | 20029.1 | 22606.6 | 25169.6 | 27963.4 | 30781.0 | 33552.4 | 36728.9 |
| 27.5° | 11398.2 | 14550.3 | 17444.8 | 20328.8 | 23310.0 | 26282.1 | 29973.7 | 33748.6 | 38447.1 | 42568.4 | 46116.7 |
| 25° | 13751.2 | 16878.3 | 20029.1 | 23310.0 | 26775.1 | 30998.3 | 36199.1 | 41831.4 | 47020.8 | 51613.0 | 55492.6 |
| 22.5° | 15786.5 | 19139.1 | 22606.6 | 26282.1 | 30998.3 | 37027.6 | 43581.8 | 49782.5 | 55421.3 | 60412.9 | 64942.5 |
| 20° | 17685.1 | 21240.4 | 25169.6 | 29973.7 | 36199.1 | 43581.8 | 50719.1 | 57375.8 | 63587.9 | 69796.2 | 75368.1 |
| 17.5° | 19457.9 | 23394.0 | 27963.4 | 33748.6 | 41831.4 | 49782.5 | 57375.8 | 64774.6 | 72312.5 | 80149.0 | 87308.9 |
| 15° | 21034.8 | 25332.5 | 30781.0 | 38447.1 | 47020.8 | 55421.3 | 63587.9 | 72312.5 | 81788.9 | 91347.4 | 100720.5 |
| 12.5° | 22538.8 | 27297.3 | 33552.4 | 42568.4 | 51613.0 | 60412.9 | 69796.2 | 80149.0 | 91347.4 | 102997.1 | 111051.0 |
| 10° | 23832.5 | 29188.8 | 36728.9 | 46116.7 | 55492.6 | 64942.5 | 75368.1 | 87308.9 | 100720.5 | 111051.0 | 118797.3 |
| 7.5° | 24855.7 | 30689.1 | 39256.9 | 48952.8 | 58602.7 | 68855.9 | 80615.1 | 94155.2 | 107351.0 | 117236.5 | 123497.9 |
| 5° | 25596.2 | 31777.1 | 41095.4 | 51022.5 | 60882.3 | 71741.0 | 84513.3 | 99349.7 | 111838.3 | 120834.5 | 126349.8 |
| 2.5° | 26044.4 | 32436.8 | 42212.1 | 52282.8 | 62274.9 | 73511.0 | 86918.8 | 102581.4 | 114663.7 | 122827.9 | 127881.5 |
| 0° | 26194.5 | 32657.8 | 42586.7 | 52706.1 | 62743.4 | 74107.8 | 87732.4 | 103679.4 | 115630.2 | 123440.3 | 128405.5 |
| -2.5° | 26044.4 | 32436.8 | 42212.1 | 52282.8 | 62274.9 | 73511.0 | 86918.8 | 102581.4 | 114663.7 | 122827.9 | 127881.5 |
| -5° | 25596.2 | 31777.1 | 41095.4 | 51022.5 | 60882.3 | 71741.0 | 84513.3 | 99349.7 | 111838.3 | 120834.5 | 126349.8 |
| -7.5° | 24855.7 | 30689.1 | 39256.9 | 48952.8 | 58602.7 | 68855.9 | 80615.1 | 94155.2 | 107351.0 | 117236.5 | 123497.9 |
| -10° | 23832.5 | 29188.8 | 36728.9 | 46116.7 | 55492.6 | 64942.5 | 75368.1 | 87308.9 | 100720.5 | 111051.0 | 118797.3 |
| -12.5° | 22538.8 | 27297.3 | 33552.4 | 42568.4 | 51613.0 | 60412.9 | 69796.2 | 80149.0 | 91347.4 | 102997.1 | 111051.0 |
| -15° | 21034.8 | 25332.5 | 30781.0 | 38447.1 | 47020.8 | 55421.3 | 63587.9 | 72312.5 | 81788.9 | 91347.4 | 100720.5 |
| -17.5° | 19457.9 | 23394.0 | 27963.4 | 33748.6 | 41831.4 | 49782.5 | 57375.8 | 64774.6 | 72312.5 | 80149.0 | 87308.9 |
| -20° | 17685.1 | 21240.4 | 25169.6 | 29973.7 | 36199.1 | 43581.8 | 50719.1 | 57375.8 | 63587.9 | 69796.2 | 75368.1 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 15786.5 | 19139.1 | 22606.6 | 26282.1 | 30998.3 | 37027.6 | 43581.8 | 49782.5 | 55421.3 | 60412.9 | 64942.5 |
| -25° | 13751.2 | 16878.3 | 20029.1 | 23310.0 | 26775.1 | 30998.3 | 36199.1 | 41831.4 | 47020.8 | 51613.0 | 55492.6 |
| -27.5° | 11398.2 | 14550.3 | 17444.8 | 20328.8 | 23310.0 | 26282.1 | 29973.7 | 33748.6 | 38447.1 | 42568.4 | 46116.7 |
| -30° | 8814.4 | 11978.8 | 14819.0 | 17444.8 | 20029.1 | 22606.6 | 25169.6 | 27963.4 | 30781.0 | 33552.4 | 36728.9 |
| -32.5° | 5943.0 | 9097.2 | 11978.8 | 14550.3 | 16878.3 | 19139.1 | 21240.4 | 23394.0 | 25332.5 | 27297.3 | 29188.8 |
| -35° | 3448.4 | 5943.0 | 8814.4 | 11398.2 | 13751.2 | 15786.5 | 17685.1 | 19457.9 | 21034.8 | 22538.8 | 23832.5 |
| -37.5° | 2705.7 | 3380.8 | 5358.5 | 7940.1 | 10251.6 | 12372.3 | 14186.0 | 15763.1 | 17163.2 | 18420.5 | 19467.5 |
| -40° | 2298.1 | 2574.0 | 3179.3 | 4202.7 | 6469.1 | 8566.3 | 10375.7 | 12008.1 | 13408.0 | 14520.5 | 15444.9 |
| -42.5° | 2083.2 | 2238.3 | 2414.7 | 2848.2 | 3348.6 | 4455.9 | 6243.6 | 7852.5 | 9223.2 | 10368.9 | 11319.1 |
| -45° | 1986.3 | 2053.3 | 2139.8 | 2295.0 | 2439.8 | 2824.1 | 3216.3 | 3568.6 | 4738.9 | 5862.8 | 6793.5 |
| -47.5° | 1791.6 | 1931.7 | 2009.0 | 2064.7 | 2139.0 | 2263.0 | 2375.8 | 2513.4 | 2799.3 | 3044.3 | 3246.8 |
| -50° | 1551.4 | 1696.1 | 1819.4 | 1934.9 | 1999.2 | 2043.4 | 2083.6 | 2146.7 | 2228.6 | 2298.6 | 2356.4 |
| -52.5° | 1286.5 | 1425.4 | 1557.7 | 1678.1 | 1777.3 | 1868.5 | 1951.2 | 1991.5 | 2020.5 | 2045.3 | 2065.7 |
| -55° | 1048.3 | 1162.7 | 1270.4 | 1380.9 | 1486.8 | 1584.0 | 1669.8 | 1737.6 | 1796.9 | 1847.6 | 1889.4 |
| -57.5° | 830.9 | 921.8 | 1011.3 | 1103.7 | 1189.2 | 1267.6 | 1344.1 | 1415.9 | 1478.7 | 1532.3 | 1576.4 |
| -60° | 636.2 | 704.4 | 781.4 | 854.4 | 921.8 | 983.8 | 1048.3 | 1105.9 | 1156.2 | 1199.1 | 1234.4 |
| -62.5° | 466.5 | 523.7 | 581.9 | 636.2 | 686.3 | 737.1 | 787.6 | 832.6 | 871.9 | 905.4 | 932.9 |
| -65° | 325.3 | 370.2 | 412.3 | 451.5 | 488.1 | 529.3 | 566.5 | 599.6 | 628.5 | 653.2 | 673.4 |
| -67.5° | 216.1 | 245.6 | 273.2 | 298.8 | 328.1 | 357.6 | 384.2 | 407.8 | 428.4 | 446.0 | 460.4 |
| -70° | 141.8 | 155.5 | 168.2 | 184.1 | 205.0 | 224.1 | 241.3 | 256.5 | 269.8 | 281.2 | 290.5 |
| -72.5° | 92.7 | 100.9 | 109.4 | 119.7 | 129.3 | 137.9 | 145.8 | 152.7 | 158.8 | 163.9 | 168.1 |
| -75° | 56.4 | 61.2 | 67.7 | 73.8 | 79.4 | 84.6 | 89.2 | 93.3 | 96.8 | 99.9 | 102.4 |
| -77.5° | 35.0 | 38.2 | 41.3 | 44.0 | 46.6 | 48.9 | 51.1 | 52.9 | 54.6 | 55.9 | 57.1 |
| -80° | 24.5 | 25.6 | 26.6 | 27.6 | 28.5 | 29.3 | 30.0 | 30.7 | 31.2 | 31.7 | 32.1 |
| -82.5° | 16.9 | 17.5 | 18.0 | 18.6 | 19.1 | 19.5 | 19.9 | 20.2 | 20.5 | 20.8 | 21.0 |
| -85° | 10.7 | 11.1 | 11.4 | 11.6 | 11.9 | 12.1 | 12.3 | 12.5 | 12.7 | 12.8 | 12.9 |
| -87.5° | 5.4 | 5.6 | 5.7 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.4 | 6.5 |
| -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: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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° | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 |
| 85° | 13.0 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.5 |
| 82.5° | 21.2 | 21.3 | 21.4 | 21.4 | 21.4 | 21.3 | 21.2 | 21.0 | 20.8 | 20.5 | 20.2 |
| 80° | 32.4 | 32.6 | 32.8 | 32.8 | 32.8 | 32.6 | 32.4 | 32.1 | 31.7 | 31.2 | 30.7 |
| 77.5° | 58.0 | 58.6 | 59.0 | 59.1 | 59.0 | 58.6 | 58.0 | 57.1 | 55.9 | 54.6 | 52.9 |
| 75° | 104.3 | 105.7 | 106.5 | 106.8 | 106.5 | 105.7 | 104.3 | 102.4 | 99.9 | 96.8 | 93.3 |
| 72.5° | 171.4 | 173.8 | 175.2 | 175.7 | 175.2 | 173.8 | 171.4 | 168.1 | 163.9 | 158.8 | 152.7 |
| 70° | 297.7 | 302.9 | 306.1 | 307.1 | 306.1 | 302.9 | 297.7 | 290.5 | 281.2 | 269.8 | 256.5 |
| 67.5° | 471.7 | 479.7 | 484.6 | 486.2 | 484.6 | 479.7 | 471.7 | 460.4 | 446.0 | 428.4 | 407.8 |
| 65° | 689.2 | 700.5 | 707.3 | 709.6 | 707.3 | 700.5 | 689.2 | 673.4 | 653.2 | 628.5 | 599.6 |
| 62.5° | 954.4 | 969.8 | 979.1 | 982.2 | 979.1 | 969.8 | 954.4 | 932.9 | 905.4 | 871.9 | 832.6 |
| 60° | 1261.9 | 1281.7 | 1293.6 | 1297.6 | 1293.6 | 1281.7 | 1261.9 | 1234.4 | 1199.1 | 1156.2 | 1105.9 |
| 57.5° | 1611.0 | 1635.7 | 1650.6 | 1655.6 | 1650.6 | 1635.7 | 1611.0 | 1576.4 | 1532.3 | 1478.7 | 1415.9 |
| 55° | 1922.1 | 1945.6 | 1959.7 | 1964.4 | 1959.7 | 1945.6 | 1922.1 | 1889.4 | 1847.6 | 1796.9 | 1737.6 |
| 52.5° | 2081.7 | 2093.2 | 2100.1 | 2102.4 | 2100.1 | 2093.2 | 2081.7 | 2065.7 | 2045.3 | 2020.5 | 1991.5 |
| 50° | 2401.8 | 2434.3 | 2453.9 | 2460.5 | 2453.9 | 2434.3 | 2401.8 | 2356.4 | 2298.6 | 2228.6 | 2146.7 |
| 47.5° | 3405.8 | 3520.0 | 3588.9 | 3611.9 | 3588.9 | 3520.0 | 3405.8 | 3246.8 | 3044.3 | 2799.3 | 2513.4 |
| 45° | 7524.4 | 8050.4 | 8367.6 | 8473.6 | 8367.6 | 8050.4 | 7524.4 | 6793.5 | 5862.8 | 4738.9 | 3568.6 |
| 42.5° | 12066.3 | 12604.7 | 12929.5 | 13038.1 | 12929.5 | 12604.7 | 12066.3 | 11319.1 | 10368.9 | 9223.2 | 7852.5 |
| 40° | 16173.0 | 16698.1 | 17015.3 | 17121.4 | 17015.3 | 16698.1 | 16173.0 | 15444.9 | 14520.5 | 13408.0 | 12008.1 |
| 37.5° | 20293.8 | 20890.6 | 21251.5 | 21372.2 | 21251.5 | 20890.6 | 20293.8 | 19467.5 | 18420.5 | 17163.2 | 15763.1 |
| 35° | 24855.7 | 25596.2 | 26044.4 | 26194.5 | 26044.4 | 25596.2 | 24855.7 | 23832.5 | 22538.8 | 21034.8 | 19457.9 |
| 32.5° | 30689.1 | 31777.1 | 32436.8 | 32657.8 | 32436.8 | 31777.1 | 30689.1 | 29188.8 | 27297.3 | 25332.5 | 23394.0 |
| 30° | 39256.9 | 41095.4 | 42212.1 | 42586.7 | 42212.1 | 41095.4 | 39256.9 | 36728.9 | 33552.4 | 30781.0 | 27963.4 |
| 27.5° | 48952.8 | 51022.5 | 52282.8 | 52706.1 | 52282.8 | 51022.5 | 48952.8 | 46116.7 | 42568.4 | 38447.1 | 33748.6 |
| 25° | 58602.7 | 60882.3 | 62274.9 | 62743.4 | 62274.9 | 60882.3 | 58602.7 | 55492.6 | 51613.0 | 47020.8 | 41831.4 |
| 22.5° | 68855.9 | 71741.0 | 73511.0 | 74107.8 | 73511.0 | 71741.0 | 68855.9 | 64942.5 | 60412.9 | 55421.3 | 49782.5 |
| 20° | 80615.1 | 84513.3 | 86918.8 | 87732.4 | 86918.8 | 84513.3 | 80615.1 | 75368.1 | 69796.2 | 63587.9 | 57375.8 |
| 17.5° | 94155.2 | 99349.7 | 102581.4 | 103679.4 | 102581.4 | 99349.7 | 94155.2 | 87308.9 | 80149.0 | 72312.5 | 64774.6 |
| 15° | 107351.0 | 111838.3 | 114663.7 | 115630.2 | 114663.7 | 111838.3 | 107351.0 | 100720.5 | 91347.4 | 81788.9 | 72312.5 |
| 12.5° | 117236.5 | 120834.5 | 122827.9 | 123440.3 | 122827.9 | 120834.5 | 117236.5 | 111051.0 | 102997.1 | 91347.4 | 80149.0 |
| 10° | 123497.9 | 126349.8 | 127881.5 | 128405.5 | 127881.5 | 126349.8 | 123497.9 | 118797.3 | 111051.0 | 100720.5 | 87308.9 |
| 7.5° | 127388.5 | 130043.2 | 131637.8 | 132199.7 | 131637.8 | 130043.2 | 127388.5 | 123497.9 | 117236.5 | 107351.0 | 94155.2 |
| 5° | 130043.2 | 132803.4 | 134515.7 | 135037.9 | 134515.7 | 132803.4 | 130043.2 | 126349.8 | 120834.5 | 111838.3 | 99349.7 |
| 2.5° | 131637.8 | 134515.7 | 135338.7 | 135310.6 | 135338.7 | 134515.7 | 131637.8 | 127881.5 | 122827.9 | 114663.7 | 102581.4 |
| 0° | 132199.7 | 135037.9 | 135310.6 | 134788.3 | 135310.6 | 135037.9 | 132199.7 | 128405.5 | 123440.3 | 115630.2 | 103679.4 |
| -2.5° | 131637.8 | 134515.7 | 135338.7 | 135310.6 | 135338.7 | 134515.7 | 131637.8 | 127881.5 | 122827.9 | 114663.7 | 102581.4 |
| -5° | 130043.2 | 132803.4 | 134515.7 | 135037.9 | 134515.7 | 132803.4 | 130043.2 | 126349.8 | 120834.5 | 111838.3 | 99349.7 |
| -7.5° | 127388.5 | 130043.2 | 131637.8 | 132199.7 | 131637.8 | 130043.2 | 127388.5 | 123497.9 | 117236.5 | 107351.0 | 94155.2 |
| -10° | 123497.9 | 126349.8 | 127881.5 | 128405.5 | 127881.5 | 126349.8 | 123497.9 | 118797.3 | 111051.0 | 100720.5 | 87308.9 |
| -12.5° | 117236.5 | 120834.5 | 122827.9 | 123440.3 | 122827.9 | 120834.5 | 117236.5 | 111051.0 | 102997.1 | 91347.4 | 80149.0 |
| -15° | 107351.0 | 111838.3 | 114663.7 | 115630.2 | 114663.7 | 111838.3 | 107351.0 | 100720.5 | 91347.4 | 81788.9 | 72312.5 |
| -17.5° | 94155.2 | 99349.7 | 102581.4 | 103679.4 | 102581.4 | 99349.7 | 94155.2 | 87308.9 | 80149.0 | 72312.5 | 64774.6 |
| -20° | 80615.1 | 84513.3 | 86918.8 | 87732.4 | 86918.8 | 84513.3 | 80615.1 | 75368.1 | 69796.2 | 63587.9 | 57375.8 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 68855.9 | 71741.0 | 73511.0 | 74107.8 | 73511.0 | 71741.0 | 68855.9 | 64942.5 | 60412.9 | 55421.3 | 49782.5 |
| -25° | 58602.7 | 60882.3 | 62274.9 | 62743.4 | 62274.9 | 60882.3 | 58602.7 | 55492.6 | 51613.0 | 47020.8 | 41831.4 |
| -27.5° | 48952.8 | 51022.5 | 52282.8 | 52706.1 | 52282.8 | 51022.5 | 48952.8 | 46116.7 | 42568.4 | 38447.1 | 33748.6 |
| -30° | 39256.9 | 41095.4 | 42212.1 | 42586.7 | 42212.1 | 41095.4 | 39256.9 | 36728.9 | 33552.4 | 30781.0 | 27963.4 |
| -32.5° | 30689.1 | 31777.1 | 32436.8 | 32657.8 | 32436.8 | 31777.1 | 30689.1 | 29188.8 | 27297.3 | 25332.5 | 23394.0 |
| -35° | 24855.7 | 25596.2 | 26044.4 | 26194.5 | 26044.4 | 25596.2 | 24855.7 | 23832.5 | 22538.8 | 21034.8 | 19457.9 |
| -37.5° | 20293.8 | 20890.6 | 21251.5 | 21372.2 | 21251.5 | 20890.6 | 20293.8 | 19467.5 | 18420.5 | 17163.2 | 15763.1 |
| -40° | 16173.0 | 16698.1 | 17015.3 | 17121.4 | 17015.3 | 16698.1 | 16173.0 | 15444.9 | 14520.5 | 13408.0 | 12008.1 |
| -42.5° | 12066.3 | 12604.7 | 12929.5 | 13038.1 | 12929.5 | 12604.7 | 12066.3 | 11319.1 | 10368.9 | 9223.2 | 7852.5 |
| -45° | 7524.4 | 8050.4 | 8367.6 | 8473.6 | 8367.6 | 8050.4 | 7524.4 | 6793.5 | 5862.8 | 4738.9 | 3568.6 |
| -47.5° | 3405.8 | 3520.0 | 3588.9 | 3611.9 | 3588.9 | 3520.0 | 3405.8 | 3246.8 | 3044.3 | 2799.3 | 2513.4 |
| -50° | 2401.8 | 2434.3 | 2453.9 | 2460.5 | 2453.9 | 2434.3 | 2401.8 | 2356.4 | 2298.6 | 2228.6 | 2146.7 |
| -52.5° | 2081.7 | 2093.2 | 2100.1 | 2102.4 | 2100.1 | 2093.2 | 2081.7 | 2065.7 | 2045.3 | 2020.5 | 1991.5 |
| -55° | 1922.1 | 1945.6 | 1959.7 | 1964.4 | 1959.7 | 1945.6 | 1922.1 | 1889.4 | 1847.6 | 1796.9 | 1737.6 |
| -57.5° | 1611.0 | 1635.7 | 1650.6 | 1655.6 | 1650.6 | 1635.7 | 1611.0 | 1576.4 | 1532.3 | 1478.7 | 1415.9 |
| -60° | 1261.9 | 1281.7 | 1293.6 | 1297.6 | 1293.6 | 1281.7 | 1261.9 | 1234.4 | 1199.1 | 1156.2 | 1105.9 |
| -62.5° | 954.4 | 969.8 | 979.1 | 982.2 | 979.1 | 969.8 | 954.4 | 932.9 | 905.4 | 871.9 | 832.6 |
| -65° | 689.2 | 700.5 | 707.3 | 709.6 | 707.3 | 700.5 | 689.2 | 673.4 | 653.2 | 628.5 | 599.6 |
| -67.5° | 471.7 | 479.7 | 484.6 | 486.2 | 484.6 | 479.7 | 471.7 | 460.4 | 446.0 | 428.4 | 407.8 |
| -70° | 297.7 | 302.9 | 306.1 | 307.1 | 306.1 | 302.9 | 297.7 | 290.5 | 281.2 | 269.8 | 256.5 |
| -72.5° | 171.4 | 173.8 | 175.2 | 175.7 | 175.2 | 173.8 | 171.4 | 168.1 | 163.9 | 158.8 | 152.7 |
| -75° | 104.3 | 105.7 | 106.5 | 106.8 | 106.5 | 105.7 | 104.3 | 102.4 | 99.9 | 96.8 | 93.3 |
| -77.5° | 58.0 | 58.6 | 59.0 | 59.1 | 59.0 | 58.6 | 58.0 | 57.1 | 55.9 | 54.6 | 52.9 |
| -80° | 32.4 | 32.6 | 32.8 | 32.8 | 32.8 | 32.6 | 32.4 | 32.1 | 31.7 | 31.2 | 30.7 |
| -82.5° | 21.2 | 21.3 | 21.4 | 21.4 | 21.4 | 21.3 | 21.2 | 21.0 | 20.8 | 20.5 | 20.2 |
| -85° | 13.0 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.0 | 12.9 | 12.8 | 12.7 | 12.5 |
| -87.5° | 6.5 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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° | 6.2 | 6.1 | 6.0 | 5.9 | 5.7 | 5.6 | 5.4 | 5.2 | 5.1 | 4.9 | 4.7 |
| 85° | 12.3 | 12.1 | 11.9 | 11.6 | 11.4 | 11.1 | 10.7 | 10.4 | 10.1 | 9.7 | 9.3 |
| 82.5° | 19.9 | 19.5 | 19.1 | 18.6 | 18.0 | 17.5 | 16.9 | 16.2 | 15.6 | 14.8 | 14.1 |
| 80° | 30.0 | 29.3 | 28.5 | 27.6 | 26.6 | 25.6 | 24.5 | 23.3 | 22.1 | 20.9 | 19.9 |
| 77.5° | 51.1 | 48.9 | 46.6 | 44.0 | 41.3 | 38.2 | 35.0 | 32.3 | 30.7 | 29.1 | 27.3 |
| 75° | 89.2 | 84.6 | 79.4 | 73.8 | 67.7 | 61.2 | 56.4 | 52.3 | 47.9 | 43.3 | 38.5 |
| 72.5° | 145.8 | 137.9 | 129.3 | 119.7 | 109.4 | 100.9 | 92.7 | 83.9 | 74.7 | 65.0 | 56.7 |
| 70° | 241.3 | 224.1 | 205.0 | 184.1 | 168.2 | 155.5 | 141.8 | 127.3 | 112.0 | 99.3 | 87.6 |
| 67.5° | 384.2 | 357.6 | 328.1 | 298.8 | 273.2 | 245.6 | 216.1 | 184.9 | 163.2 | 145.1 | 126.1 |
| 65° | 566.5 | 529.3 | 488.1 | 451.5 | 412.3 | 370.2 | 325.3 | 285.5 | 248.7 | 210.1 | 172.6 |
| 62.5° | 787.6 | 737.1 | 686.3 | 636.2 | 581.9 | 523.7 | 466.5 | 413.8 | 358.3 | 302.0 | 257.5 |
| 60° | 1048.3 | 983.8 | 921.8 | 854.4 | 781.4 | 704.4 | 636.2 | 564.0 | 488.1 | 424.0 | 357.6 |
| 57.5° | 1344.1 | 1267.6 | 1189.2 | 1103.7 | 1011.3 | 921.8 | 830.9 | 734.8 | 647.5 | 561.0 | 474.0 |
| 55° | 1669.8 | 1584.0 | 1486.8 | 1380.9 | 1270.4 | 1162.7 | 1048.3 | 935.1 | 825.7 | 711.4 | 613.8 |
| 52.5° | 1951.2 | 1868.5 | 1777.3 | 1678.1 | 1557.7 | 1425.4 | 1286.5 | 1156.2 | 1019.7 | 891.5 | 763.8 |
| 50° | 2083.6 | 2043.4 | 1999.2 | 1934.9 | 1819.4 | 1696.1 | 1551.4 | 1392.3 | 1234.4 | 1081.7 | 931.4 |
| 47.5° | 2375.8 | 2263.0 | 2139.0 | 2064.7 | 2009.0 | 1931.7 | 1791.6 | 1642.8 | 1464.7 | 1281.7 | 1112.9 |
| 45° | 3216.3 | 2824.1 | 2439.8 | 2295.0 | 2139.8 | 2053.3 | 1986.3 | 1856.2 | 1692.4 | 1501.2 | 1297.6 |
| 42.5° | 6243.6 | 4455.9 | 3348.6 | 2848.2 | 2414.7 | 2238.3 | 2083.2 | 2008.4 | 1888.7 | 1708.4 | 1501.2 |
| 40° | 10375.7 | 8566.3 | 6469.1 | 4202.7 | 3179.3 | 2574.0 | 2298.1 | 2098.3 | 2015.8 | 1888.7 | 1692.4 |
| 37.5° | 14186.0 | 12372.3 | 10251.6 | 7940.1 | 5358.5 | 3380.8 | 2705.7 | 2318.2 | 2098.3 | 2008.4 | 1856.2 |
| 35° | 17685.1 | 15786.5 | 13751.2 | 11398.2 | 8814.4 | 5943.0 | 3448.4 | 2705.7 | 2298.1 | 2083.2 | 1986.3 |
| 32.5° | 21240.4 | 19139.1 | 16878.3 | 14550.3 | 11978.8 | 9097.2 | 5943.0 | 3380.8 | 2574.0 | 2238.3 | 2053.3 |
| 30° | 25169.6 | 22606.6 | 20029.1 | 17444.8 | 14819.0 | 11978.8 | 8814.4 | 5358.5 | 3179.3 | 2414.7 | 2139.8 |
| 27.5° | 29973.7 | 26282.1 | 23310.0 | 20328.8 | 17444.8 | 14550.3 | 11398.2 | 7940.1 | 4202.7 | 2848.2 | 2295.0 |
| 25° | 36199.1 | 30998.3 | 26775.1 | 23310.0 | 20029.1 | 16878.3 | 13751.2 | 10251.6 | 6469.1 | 3348.6 | 2439.8 |
| 22.5° | 43581.8 | 37027.6 | 30998.3 | 26282.1 | 22606.6 | 19139.1 | 15786.5 | 12372.3 | 8566.3 | 4455.9 | 2824.1 |
| 20° | 50719.1 | 43581.8 | 36199.1 | 29973.7 | 25169.6 | 21240.4 | 17685.1 | 14186.0 | 10375.7 | 6243.6 | 3216.3 |
| 17.5° | 57375.8 | 49782.5 | 41831.4 | 33748.6 | 27963.4 | 23394.0 | 19457.9 | 15763.1 | 12008.1 | 7852.5 | 3568.6 |
| 15° | 63587.9 | 55421.3 | 47020.8 | 38447.1 | 30781.0 | 25332.5 | 21034.8 | 17163.2 | 13408.0 | 9223.2 | 4738.9 |
| 12.5° | 69796.2 | 60412.9 | 51613.0 | 42568.4 | 33552.4 | 27297.3 | 22538.8 | 18420.5 | 14520.5 | 10368.9 | 5862.8 |
| 10° | 75368.1 | 64942.5 | 55492.6 | 46116.7 | 36728.9 | 29188.8 | 23832.5 | 19467.5 | 15444.9 | 11319.1 | 6793.5 |
| 7.5° | 80615.1 | 68855.9 | 58602.7 | 48952.8 | 39256.9 | 30689.1 | 24855.7 | 20293.8 | 16173.0 | 12066.3 | 7524.4 |
| 5° | 84513.3 | 71741.0 | 60882.3 | 51022.5 | 41095.4 | 31777.1 | 25596.2 | 20890.6 | 16698.1 | 12604.7 | 8050.4 |
| 2.5° | 86918.8 | 73511.0 | 62274.9 | 52282.8 | 42212.1 | 32436.8 | 26044.4 | 21251.5 | 17015.3 | 12929.5 | 8367.6 |
| 0° | 87732.4 | 74107.8 | 62743.4 | 52706.1 | 42586.7 | 32657.8 | 26194.5 | 21372.2 | 17121.4 | 13038.1 | 8473.6 |
| -2.5° | 86918.8 | 73511.0 | 62274.9 | 52282.8 | 42212.1 | 32436.8 | 26044.4 | 21251.5 | 17015.3 | 12929.5 | 8367.6 |
| -5° | 84513.3 | 71741.0 | 60882.3 | 51022.5 | 41095.4 | 31777.1 | 25596.2 | 20890.6 | 16698.1 | 12604.7 | 8050.4 |
| -7.5° | 80615.1 | 68855.9 | 58602.7 | 48952.8 | 39256.9 | 30689.1 | 24855.7 | 20293.8 | 16173.0 | 12066.3 | 7524.4 |
| -10° | 75368.1 | 64942.5 | 55492.6 | 46116.7 | 36728.9 | 29188.8 | 23832.5 | 19467.5 | 15444.9 | 11319.1 | 6793.5 |
| -12.5° | 69796.2 | 60412.9 | 51613.0 | 42568.4 | 33552.4 | 27297.3 | 22538.8 | 18420.5 | 14520.5 | 10368.9 | 5862.8 |
| -15° | 63587.9 | 55421.3 | 47020.8 | 38447.1 | 30781.0 | 25332.5 | 21034.8 | 17163.2 | 13408.0 | 9223.2 | 4738.9 |
| -17.5° | 57375.8 | 49782.5 | 41831.4 | 33748.6 | 27963.4 | 23394.0 | 19457.9 | 15763.1 | 12008.1 | 7852.5 | 3568.6 |
| -20° | 50719.1 | 43581.8 | 36199.1 | 29973.7 | 25169.6 | 21240.4 | 17685.1 | 14186.0 | 10375.7 | 6243.6 | 3216.3 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -22.5° | 43581.8 | 37027.6 | 30998.3 | 26282.1 | 22606.6 | 19139.1 | 15786.5 | 12372.3 | 8566.3 | 4455.9 | 2824.1 |
| -25° | 36199.1 | 30998.3 | 26775.1 | 23310.0 | 20029.1 | 16878.3 | 13751.2 | 10251.6 | 6469.1 | 3348.6 | 2439.8 |
| -27.5° | 29973.7 | 26282.1 | 23310.0 | 20328.8 | 17444.8 | 14550.3 | 11398.2 | 7940.1 | 4202.7 | 2848.2 | 2295.0 |
| -30° | 25169.6 | 22606.6 | 20029.1 | 17444.8 | 14819.0 | 11978.8 | 8814.4 | 5358.5 | 3179.3 | 2414.7 | 2139.8 |
| -32.5° | 21240.4 | 19139.1 | 16878.3 | 14550.3 | 11978.8 | 9097.2 | 5943.0 | 3380.8 | 2574.0 | 2238.3 | 2053.3 |
| -35° | 17685.1 | 15786.5 | 13751.2 | 11398.2 | 8814.4 | 5943.0 | 3448.4 | 2705.7 | 2298.1 | 2083.2 | 1986.3 |
| -37.5° | 14186.0 | 12372.3 | 10251.6 | 7940.1 | 5358.5 | 3380.8 | 2705.7 | 2318.2 | 2098.3 | 2008.4 | 1856.2 |
| -40° | 10375.7 | 8566.3 | 6469.1 | 4202.7 | 3179.3 | 2574.0 | 2298.1 | 2098.3 | 2015.8 | 1888.7 | 1692.4 |
| -42.5° | 6243.6 | 4455.9 | 3348.6 | 2848.2 | 2414.7 | 2238.3 | 2083.2 | 2008.4 | 1888.7 | 1708.4 | 1501.2 |
| -45° | 3216.3 | 2824.1 | 2439.8 | 2295.0 | 2139.8 | 2053.3 | 1986.3 | 1856.2 | 1692.4 | 1501.2 | 1297.6 |
| -47.5° | 2375.8 | 2263.0 | 2139.0 | 2064.7 | 2009.0 | 1931.7 | 1791.6 | 1642.8 | 1464.7 | 1281.7 | 1112.9 |
| -50° | 2083.6 | 2043.4 | 1999.2 | 1934.9 | 1819.4 | 1696.1 | 1551.4 | 1392.3 | 1234.4 | 1081.7 | 931.4 |
| -52.5° | 1951.2 | 1868.5 | 1777.3 | 1678.1 | 1557.7 | 1425.4 | 1286.5 | 1156.2 | 1019.7 | 891.5 | 763.8 |
| -55° | 1669.8 | 1584.0 | 1486.8 | 1380.9 | 1270.4 | 1162.7 | 1048.3 | 935.1 | 825.7 | 711.4 | 613.8 |
| -57.5° | 1344.1 | 1267.6 | 1189.2 | 1103.7 | 1011.3 | 921.8 | 830.9 | 734.8 | 647.5 | 561.0 | 474.0 |
| -60° | 1048.3 | 983.8 | 921.8 | 854.4 | 781.4 | 704.4 | 636.2 | 564.0 | 488.1 | 424.0 | 357.6 |
| -62.5° | 787.6 | 737.1 | 686.3 | 636.2 | 581.9 | 523.7 | 466.5 | 413.8 | 358.3 | 302.0 | 257.5 |
| -65° | 566.5 | 529.3 | 488.1 | 451.5 | 412.3 | 370.2 | 325.3 | 285.5 | 248.7 | 210.1 | 172.6 |
| -67.5° | 384.2 | 357.6 | 328.1 | 298.8 | 273.2 | 245.6 | 216.1 | 184.9 | 163.2 | 145.1 | 126.1 |
| -70° | 241.3 | 224.1 | 205.0 | 184.1 | 168.2 | 155.5 | 141.8 | 127.3 | 112.0 | 99.3 | 87.6 |
| -72.5° | 145.8 | 137.9 | 129.3 | 119.7 | 109.4 | 100.9 | 92.7 | 83.9 | 74.7 | 65.0 | 56.7 |
| -75° | 89.2 | 84.6 | 79.4 | 73.8 | 67.7 | 61.2 | 56.4 | 52.3 | 47.9 | 43.3 | 38.5 |
| -77.5° | 51.1 | 48.9 | 46.6 | 44.0 | 41.3 | 38.2 | 35.0 | 32.3 | 30.7 | 29.1 | 27.3 |
| -80° | 30.0 | 29.3 | 28.5 | 27.6 | 26.6 | 25.6 | 24.5 | 23.3 | 22.1 | 20.9 | 19.9 |
| -82.5° | 19.9 | 19.5 | 19.1 | 18.6 | 18.0 | 17.5 | 16.9 | 16.2 | 15.6 | 14.8 | 14.1 |
| -85° | 12.3 | 12.1 | 11.9 | 11.6 | 11.4 | 11.1 | 10.7 | 10.4 | 10.1 | 9.7 | 9.3 |
| -87.5° | 6.2 | 6.1 | 6.0 | 5.9 | 5.7 | 5.6 | 5.4 | 5.2 | 5.1 | 4.9 | 4.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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° | 4.5 | 4.2 | 4.0 | 3.8 | 3.5 | 3.3 | 3.0 | 2.8 | 2.5 | 2.3 | 2.0 |
| 85° | 8.9 | 8.5 | 8.0 | 7.6 | 7.1 | 6.6 | 6.1 | 5.6 | 5.0 | 4.5 | 4.0 |
| 82.5° | 13.3 | 12.6 | 11.9 | 11.3 | 10.6 | 9.8 | 9.1 | 8.3 | 7.5 | 6.8 | 5.9 |
| 80° | 18.9 | 17.8 | 16.6 | 15.5 | 14.3 | 13.1 | 12.1 | 11.0 | 10.0 | 9.0 | 7.9 |
| 77.5° | 25.5 | 23.7 | 21.7 | 20.2 | 18.7 | 17.1 | 15.5 | 13.9 | 12.5 | 11.1 | 9.8 |
| 75° | 33.5 | 30.9 | 28.5 | 26.1 | 23.7 | 21.2 | 19.3 | 17.3 | 15.4 | 13.4 | 11.7 |
| 72.5° | 50.9 | 44.8 | 38.6 | 32.5 | 29.6 | 26.6 | 23.6 | 20.7 | 18.4 | 16.1 | 13.7 |
| 70° | 75.5 | 62.9 | 54.0 | 46.6 | 39.0 | 32.1 | 28.6 | 25.1 | 21.5 | 18.8 | 16.1 |
| 67.5° | 106.5 | 92.3 | 77.6 | 62.5 | 52.4 | 43.6 | 34.7 | 29.6 | 25.6 | 21.5 | 18.4 |
| 65° | 150.6 | 127.8 | 105.1 | 88.3 | 71.0 | 55.9 | 46.0 | 35.8 | 29.6 | 25.1 | 20.7 |
| 62.5° | 211.3 | 169.2 | 143.3 | 116.7 | 94.7 | 75.3 | 57.1 | 46.0 | 34.7 | 28.6 | 23.6 |
| 60° | 293.6 | 241.3 | 187.3 | 152.7 | 122.9 | 96.8 | 75.3 | 55.9 | 43.6 | 32.1 | 26.6 |
| 57.5° | 399.1 | 321.7 | 259.4 | 199.3 | 155.8 | 122.9 | 94.7 | 71.0 | 52.4 | 39.0 | 29.6 |
| 55° | 512.9 | 424.2 | 338.4 | 265.4 | 199.3 | 152.7 | 116.7 | 88.3 | 62.5 | 46.6 | 32.5 |
| 52.5° | 645.7 | 534.1 | 432.6 | 338.4 | 259.4 | 187.3 | 143.3 | 105.1 | 77.6 | 54.0 | 38.6 |
| 50° | 790.1 | 656.4 | 534.1 | 424.2 | 321.7 | 241.3 | 169.2 | 127.8 | 92.3 | 62.9 | 44.8 |
| 47.5° | 944.7 | 790.1 | 645.7 | 512.9 | 399.1 | 293.6 | 211.3 | 150.6 | 106.5 | 75.5 | 50.9 |
| 45° | 1112.9 | 931.4 | 763.8 | 613.8 | 474.0 | 357.6 | 257.5 | 172.6 | 126.1 | 87.6 | 56.7 |
| 42.5° | 1281.7 | 1081.7 | 891.5 | 711.4 | 561.0 | 424.0 | 302.0 | 210.1 | 145.1 | 99.3 | 65.0 |
| 40° | 1464.7 | 1234.4 | 1019.7 | 825.7 | 647.5 | 488.1 | 358.3 | 248.7 | 163.2 | 112.0 | 74.7 |
| 37.5° | 1642.8 | 1392.3 | 1156.2 | 935.1 | 734.8 | 564.0 | 413.8 | 285.5 | 184.9 | 127.3 | 83.9 |
| 35° | 1791.6 | 1551.4 | 1286.5 | 1048.3 | 830.9 | 636.2 | 466.5 | 325.3 | 216.1 | 141.8 | 92.7 |
| 32.5° | 1931.7 | 1696.1 | 1425.4 | 1162.7 | 921.8 | 704.4 | 523.7 | 370.2 | 245.6 | 155.5 | 100.9 |
| 30° | 2009.0 | 1819.4 | 1557.7 | 1270.4 | 1011.3 | 781.4 | 581.9 | 412.3 | 273.2 | 168.2 | 109.4 |
| 27.5° | 2064.7 | 1934.9 | 1678.1 | 1380.9 | 1103.7 | 854.4 | 636.2 | 451.5 | 298.8 | 184.1 | 119.7 |
| 25° | 2139.0 | 1999.2 | 1777.3 | 1486.8 | 1189.2 | 921.8 | 686.3 | 488.1 | 328.1 | 205.0 | 129.3 |
| 22.5° | 2263.0 | 2043.4 | 1868.5 | 1584.0 | 1267.6 | 983.8 | 737.1 | 529.3 | 357.6 | 224.1 | 137.9 |
| 20° | 2375.8 | 2083.6 | 1951.2 | 1669.8 | 1344.1 | 1048.3 | 787.6 | 566.5 | 384.2 | 241.3 | 145.8 |
| 17.5° | 2513.4 | 2146.7 | 1991.5 | 1737.6 | 1415.9 | 1105.9 | 832.6 | 599.6 | 407.8 | 256.5 | 152.7 |
| 15° | 2799.3 | 2228.6 | 2020.5 | 1796.9 | 1478.7 | 1156.2 | 871.9 | 628.5 | 428.4 | 269.8 | 158.8 |
| 12.5° | 3044.3 | 2298.6 | 2045.3 | 1847.6 | 1532.3 | 1199.1 | 905.4 | 653.2 | 446.0 | 281.2 | 163.9 |
| 10° | 3246.8 | 2356.4 | 2065.7 | 1889.4 | 1576.4 | 1234.4 | 932.9 | 673.4 | 460.4 | 290.5 | 168.1 |
| 7.5° | 3405.8 | 2401.8 | 2081.7 | 1922.1 | 1611.0 | 1261.9 | 954.4 | 689.2 | 471.7 | 297.7 | 171.4 |
| 5° | 3520.0 | 2434.3 | 2093.2 | 1945.6 | 1635.7 | 1281.7 | 969.8 | 700.5 | 479.7 | 302.9 | 173.8 |
| 2.5° | 3588.9 | 2453.9 | 2100.1 | 1959.7 | 1650.6 | 1293.6 | 979.1 | 707.3 | 484.6 | 306.1 | 175.2 |
| 0° | 3611.9 | 2460.5 | 2102.4 | 1964.4 | 1655.6 | 1297.6 | 982.2 | 709.6 | 486.2 | 307.1 | 175.7 |
| -2.5° | 3588.9 | 2453.9 | 2100.1 | 1959.7 | 1650.6 | 1293.6 | 979.1 | 707.3 | 484.6 | 306.1 | 175.2 |
| -5° | 3520.0 | 2434.3 | 2093.2 | 1945.6 | 1635.7 | 1281.7 | 969.8 | 700.5 | 479.7 | 302.9 | 173.8 |
| -7.5° | 3405.8 | 2401.8 | 2081.7 | 1922.1 | 1611.0 | 1261.9 | 954.4 | 689.2 | 471.7 | 297.7 | 171.4 |
| -10° | 3246.8 | 2356.4 | 2065.7 | 1889.4 | 1576.4 | 1234.4 | 932.9 | 673.4 | 460.4 | 290.5 | 168.1 |
| -12.5° | 3044.3 | 2298.6 | 2045.3 | 1847.6 | 1532.3 | 1199.1 | 905.4 | 653.2 | 446.0 | 281.2 | 163.9 |
| -15° | 2799.3 | 2228.6 | 2020.5 | 1796.9 | 1478.7 | 1156.2 | 871.9 | 628.5 | 428.4 | 269.8 | 158.8 |
| -17.5° | 2513.4 | 2146.7 | 1991.5 | 1737.6 | 1415.9 | 1105.9 | 832.6 | 599.6 | 407.8 | 256.5 | 152.7 |
| -20° | 2375.8 | 2083.6 | 1951.2 | 1669.8 | 1344.1 | 1048.3 | 787.6 | 566.5 | 384.2 | 241.3 | 145.8 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| -22.5° | 2263.0 | 2043.4 | 1868.5 | 1584.0 | 1267.6 | 983.8 | 737.1 | 529.3 | 357.6 | 224.1 | 137.9 |
| -25° | 2139.0 | 1999.2 | 1777.3 | 1486.8 | 1189.2 | 921.8 | 686.3 | 488.1 | 328.1 | 205.0 | 129.3 |
| -27.5° | 2064.7 | 1934.9 | 1678.1 | 1380.9 | 1103.7 | 854.4 | 636.2 | 451.5 | 298.8 | 184.1 | 119.7 |
| -30° | 2009.0 | 1819.4 | 1557.7 | 1270.4 | 1011.3 | 781.4 | 581.9 | 412.3 | 273.2 | 168.2 | 109.4 |
| -32.5° | 1931.7 | 1696.1 | 1425.4 | 1162.7 | 921.8 | 704.4 | 523.7 | 370.2 | 245.6 | 155.5 | 100.9 |
| -35° | 1791.6 | 1551.4 | 1286.5 | 1048.3 | 830.9 | 636.2 | 466.5 | 325.3 | 216.1 | 141.8 | 92.7 |
| -37.5° | 1642.8 | 1392.3 | 1156.2 | 935.1 | 734.8 | 564.0 | 413.8 | 285.5 | 184.9 | 127.3 | 83.9 |
| -40° | 1464.7 | 1234.4 | 1019.7 | 825.7 | 647.5 | 488.1 | 358.3 | 248.7 | 163.2 | 112.0 | 74.7 |
| -42.5° | 1281.7 | 1081.7 | 891.5 | 711.4 | 561.0 | 424.0 | 302.0 | 210.1 | 145.1 | 99.3 | 65.0 |
| -45° | 1112.9 | 931.4 | 763.8 | 613.8 | 474.0 | 357.6 | 257.5 | 172.6 | 126.1 | 87.6 | 56.7 |
| -47.5° | 944.7 | 790.1 | 645.7 | 512.9 | 399.1 | 293.6 | 211.3 | 150.6 | 106.5 | 75.5 | 50.9 |
| -50° | 790.1 | 656.4 | 534.1 | 424.2 | 321.7 | 241.3 | 169.2 | 127.8 | 92.3 | 62.9 | 44.8 |
| -52.5° | 645.7 | 534.1 | 432.6 | 338.4 | 259.4 | 187.3 | 143.3 | 105.1 | 77.6 | 54.0 | 38.6 |
| -55° | 512.9 | 424.2 | 338.4 | 265.4 | 199.3 | 152.7 | 116.7 | 88.3 | 62.5 | 46.6 | 32.5 |
| -57.5° | 399.1 | 321.7 | 259.4 | 199.3 | 155.8 | 122.9 | 94.7 | 71.0 | 52.4 | 39.0 | 29.6 |
| -60° | 293.6 | 241.3 | 187.3 | 152.7 | 122.9 | 96.8 | 75.3 | 55.9 | 43.6 | 32.1 | 26.6 |
| -62.5° | 211.3 | 169.2 | 143.3 | 116.7 | 94.7 | 75.3 | 57.1 | 46.0 | 34.7 | 28.6 | 23.6 |
| -65° | 150.6 | 127.8 | 105.1 | 88.3 | 71.0 | 55.9 | 46.0 | 35.8 | 29.6 | 25.1 | 20.7 |
| -67.5° | 106.5 | 92.3 | 77.6 | 62.5 | 52.4 | 43.6 | 34.7 | 29.6 | 25.6 | 21.5 | 18.4 |
| -70° | 75.5 | 62.9 | 54.0 | 46.6 | 39.0 | 32.1 | 28.6 | 25.1 | 21.5 | 18.8 | 16.1 |
| -72.5° | 50.9 | 44.8 | 38.6 | 32.5 | 29.6 | 26.6 | 23.6 | 20.7 | 18.4 | 16.1 | 13.7 |
| -75° | 33.5 | 30.9 | 28.5 | 26.1 | 23.7 | 21.2 | 19.3 | 17.3 | 15.4 | 13.4 | 11.7 |
| -77.5° | 25.5 | 23.7 | 21.7 | 20.2 | 18.7 | 17.1 | 15.5 | 13.9 | 12.5 | 11.1 | 9.8 |
| -80° | 18.9 | 17.8 | 16.6 | 15.5 | 14.3 | 13.1 | 12.1 | 11.0 | 10.0 | 9.0 | 7.9 |
| -82.5° | 13.3 | 12.6 | 11.9 | 11.3 | 10.6 | 9.8 | 9.1 | 8.3 | 7.5 | 6.8 | 5.9 |
| -85° | 8.9 | 8.5 | 8.0 | 7.6 | 7.1 | 6.6 | 6.1 | 5.6 | 5.0 | 4.5 | 4.0 |
| -87.5° | 4.5 | 4.2 | 4.0 | 3.8 | 3.5 | 3.3 | 3.0 | 2.8 | 2.5 | 2.3 | 2.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-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° | 1.7 | 1.4 | 1.1 | 0.9 | 0.6 | 0.3 | 0.0 |
| 85° | 3.4 | 2.9 | 2.3 | 1.7 | 1.1 | 0.6 | 0.0 |
| 82.5° | 5.1 | 4.3 | 3.4 | 2.6 | 1.7 | 0.9 | 0.0 |
| 80° | 6.8 | 5.7 | 4.6 | 3.4 | 2.3 | 1.1 | 0.0 |
| 77.5° | 8.4 | 7.1 | 5.7 | 4.3 | 2.9 | 1.4 | 0.0 |
| 75° | 10.1 | 8.4 | 6.8 | 5.1 | 3.4 | 1.7 | 0.0 |
| 72.5° | 11.7 | 9.8 | 7.9 | 5.9 | 4.0 | 2.0 | 0.0 |
| 70° | 13.4 | 11.1 | 9.0 | 6.8 | 4.5 | 2.3 | 0.0 |
| 67.5° | 15.4 | 12.5 | 10.0 | 7.5 | 5.0 | 2.5 | 0.0 |
| 65° | 17.3 | 13.9 | 11.0 | 8.3 | 5.6 | 2.8 | 0.0 |
| 62.5° | 19.3 | 15.5 | 12.1 | 9.1 | 6.1 | 3.0 | 0.0 |
| 60° | 21.2 | 17.1 | 13.1 | 9.8 | 6.6 | 3.3 | 0.0 |
| 57.5° | 23.7 | 18.7 | 14.3 | 10.6 | 7.1 | 3.5 | 0.0 |
| 55° | 26.1 | 20.2 | 15.5 | 11.3 | 7.6 | 3.8 | 0.0 |
| 52.5° | 28.5 | 21.7 | 16.6 | 11.9 | 8.0 | 4.0 | 0.0 |
| 50° | 30.9 | 23.7 | 17.8 | 12.6 | 8.5 | 4.2 | 0.0 |
| 47.5° | 33.5 | 25.5 | 18.9 | 13.3 | 8.9 | 4.5 | 0.0 |
| 45° | 38.5 | 27.3 | 19.9 | 14.1 | 9.3 | 4.7 | 0.0 |
| 42.5° | 43.3 | 29.1 | 20.9 | 14.8 | 9.7 | 4.9 | 0.0 |
| 40° | 47.9 | 30.7 | 22.1 | 15.6 | 10.1 | 5.1 | 0.0 |
| 37.5° | 52.3 | 32.3 | 23.3 | 16.2 | 10.4 | 5.2 | 0.0 |
| 35° | 56.4 | 35.0 | 24.5 | 16.9 | 10.7 | 5.4 | 0.0 |
| 32.5° | 61.2 | 38.2 | 25.6 | 17.5 | 11.1 | 5.6 | 0.0 |
| 30° | 67.7 | 41.3 | 26.6 | 18.0 | 11.4 | 5.7 | 0.0 |
| 27.5° | 73.8 | 44.0 | 27.6 | 18.6 | 11.6 | 5.9 | 0.0 |
| 25° | 79.4 | 46.6 | 28.5 | 19.1 | 11.9 | 6.0 | 0.0 |
| 22.5° | 84.6 | 48.9 | 29.3 | 19.5 | 12.1 | 6.1 | 0.0 |
| 20° | 89.2 | 51.1 | 30.0 | 19.9 | 12.3 | 6.2 | 0.0 |
| 17.5° | 93.3 | 52.9 | 30.7 | 20.2 | 12.5 | 6.3 | 0.0 |
| 15° | 96.8 | 54.6 | 31.2 | 20.5 | 12.7 | 6.4 | 0.0 |
| 12.5° | 99.9 | 55.9 | 31.7 | 20.8 | 12.8 | 6.4 | 0.0 |
| 10° | 102.4 | 57.1 | 32.1 | 21.0 | 12.9 | 6.5 | 0.0 |
| 7.5° | 104.3 | 58.0 | 32.4 | 21.2 | 13.0 | 6.5 | 0.0 |
| 5° | 105.7 | 58.6 | 32.6 | 21.3 | 13.1 | 6.6 | 0.0 |
| 2.5° | 106.5 | 59.0 | 32.8 | 21.4 | 13.1 | 6.6 | 0.0 |
| 0° | 106.8 | 59.1 | 32.8 | 21.4 | 13.1 | 6.6 | 0.0 |
| -2.5° | 106.5 | 59.0 | 32.8 | 21.4 | 13.1 | 6.6 | 0.0 |
| -5° | 105.7 | 58.6 | 32.6 | 21.3 | 13.1 | 6.6 | 0.0 |
| -7.5° | 104.3 | 58.0 | 32.4 | 21.2 | 13.0 | 6.5 | 0.0 |
| -10° | 102.4 | 57.1 | 32.1 | 21.0 | 12.9 | 6.5 | 0.0 |
| -12.5° | 99.9 | 55.9 | 31.7 | 20.8 | 12.8 | 6.4 | 0.0 |
| -15° | 96.8 | 54.6 | 31.2 | 20.5 | 12.7 | 6.4 | 0.0 |
| -17.5° | 93.3 | 52.9 | 30.7 | 20.2 | 12.5 | 6.3 | 0.0 |
| -20° | 89.2 | 51.1 | 30.0 | 19.9 | 12.3 | 6.2 | 0.0 |



REPORT NUMBER: P1305405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 84.6 | 48.9 | 29.3 | 19.5 | 12.1 | 6.1 | 0.0 |
| -25° | 79.4 | 46.6 | 28.5 | 19.1 | 11.9 | 6.0 | 0.0 |
| -27.5° | 73.8 | 44.0 | 27.6 | 18.6 | 11.6 | 5.9 | 0.0 |
| -30° | 67.7 | 41.3 | 26.6 | 18.0 | 11.4 | 5.7 | 0.0 |
| -32.5° | 61.2 | 38.2 | 25.6 | 17.5 | 11.1 | 5.6 | 0.0 |
| -35° | 56.4 | 35.0 | 24.5 | 16.9 | 10.7 | 5.4 | 0.0 |
| -37.5° | 52.3 | 32.3 | 23.3 | 16.2 | 10.4 | 5.2 | 0.0 |
| -40° | 47.9 | 30.7 | 22.1 | 15.6 | 10.1 | 5.1 | 0.0 |
| -42.5° | 43.3 | 29.1 | 20.9 | 14.8 | 9.7 | 4.9 | 0.0 |
| -45° | 38.5 | 27.3 | 19.9 | 14.1 | 9.3 | 4.7 | 0.0 |
| -47.5° | 33.5 | 25.5 | 18.9 | 13.3 | 8.9 | 4.5 | 0.0 |
| -50° | 30.9 | 23.7 | 17.8 | 12.6 | 8.5 | 4.2 | 0.0 |
| -52.5° | 28.5 | 21.7 | 16.6 | 11.9 | 8.0 | 4.0 | 0.0 |
| -55° | 26.1 | 20.2 | 15.5 | 11.3 | 7.6 | 3.8 | 0.0 |
| -57.5° | 23.7 | 18.7 | 14.3 | 10.6 | 7.1 | 3.5 | 0.0 |
| -60° | 21.2 | 17.1 | 13.1 | 9.8 | 6.6 | 3.3 | 0.0 |
| -62.5° | 19.3 | 15.5 | 12.1 | 9.1 | 6.1 | 3.0 | 0.0 |
| -65° | 17.3 | 13.9 | 11.0 | 8.3 | 5.6 | 2.8 | 0.0 |
| -67.5° | 15.4 | 12.5 | 10.0 | 7.5 | 5.0 | 2.5 | 0.0 |
| -70° | 13.4 | 11.1 | 9.0 | 6.8 | 4.5 | 2.3 | 0.0 |
| -72.5° | 11.7 | 9.8 | 7.9 | 5.9 | 4.0 | 2.0 | 0.0 |
| -75° | 10.1 | 8.4 | 6.8 | 5.1 | 3.4 | 1.7 | 0.0 |
| -77.5° | 8.4 | 7.1 | 5.7 | 4.3 | 2.9 | 1.4 | 0.0 |
| -80° | 6.8 | 5.7 | 4.6 | 3.4 | 2.3 | 1.1 | 0.0 |
| -82.5° | 5.1 | 4.3 | 3.4 | 2.6 | 1.7 | 0.9 | 0.0 |
| -85° | 3.4 | 2.9 | 2.3 | 1.7 | 1.1 | 0.6 | 0.0 |
| -87.5° | 1.7 | 1.4 | 1.1 | 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)