

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: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-4S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305704 (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-08-640L-57-70-4S-VHE-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

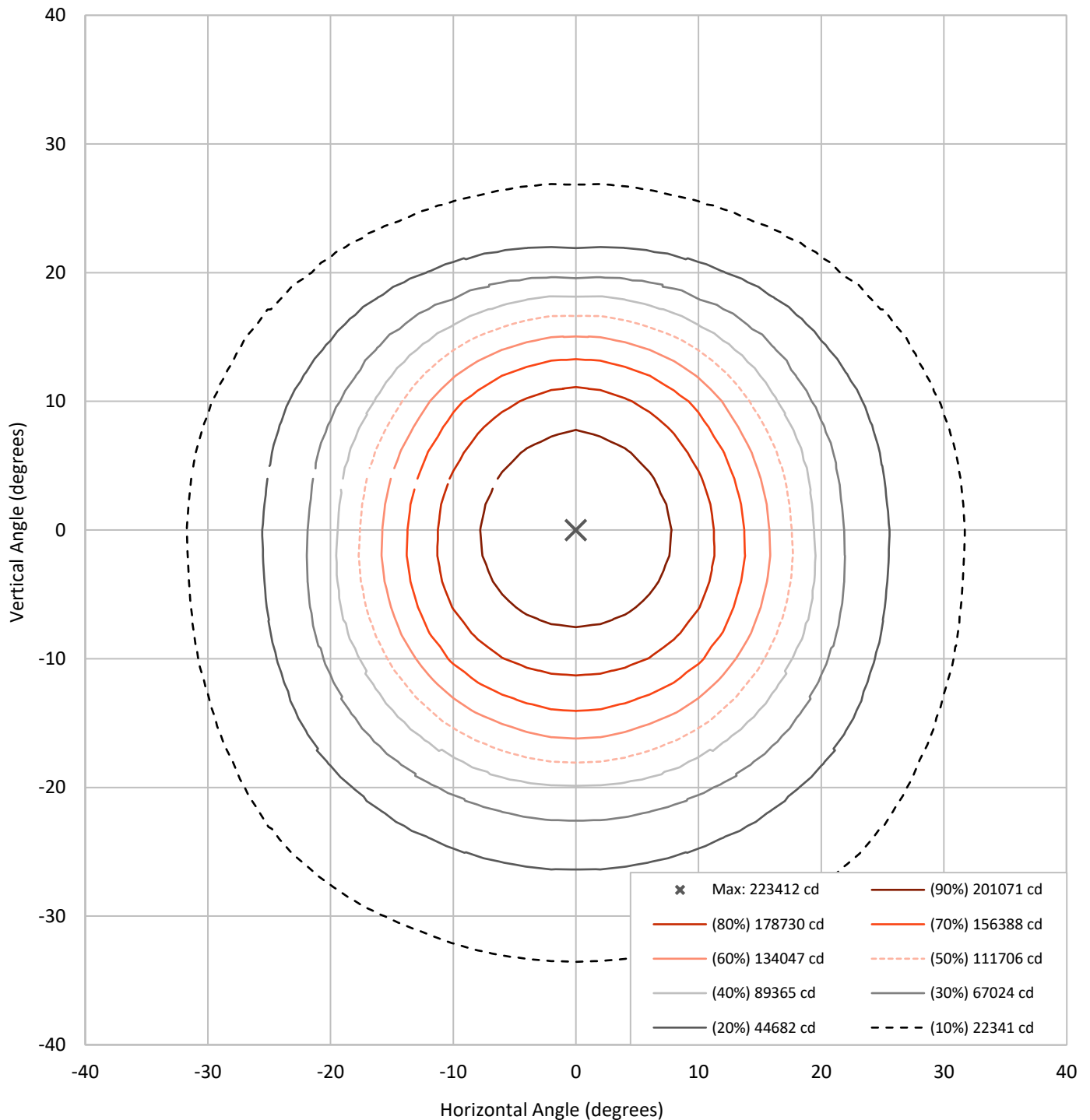
| | | | |
|-------------------|--------------------------------------|----------------------|----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 92675.7 lumens | Max Intensity: | 223412 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 143.0 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: | 49741.9 lumens | Field Lumens: | 80944.9 lumens |
| Beam Efficiency: | 53.7% | Field Efficiency: | 87.3% |

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: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

Iso-Candela Plot





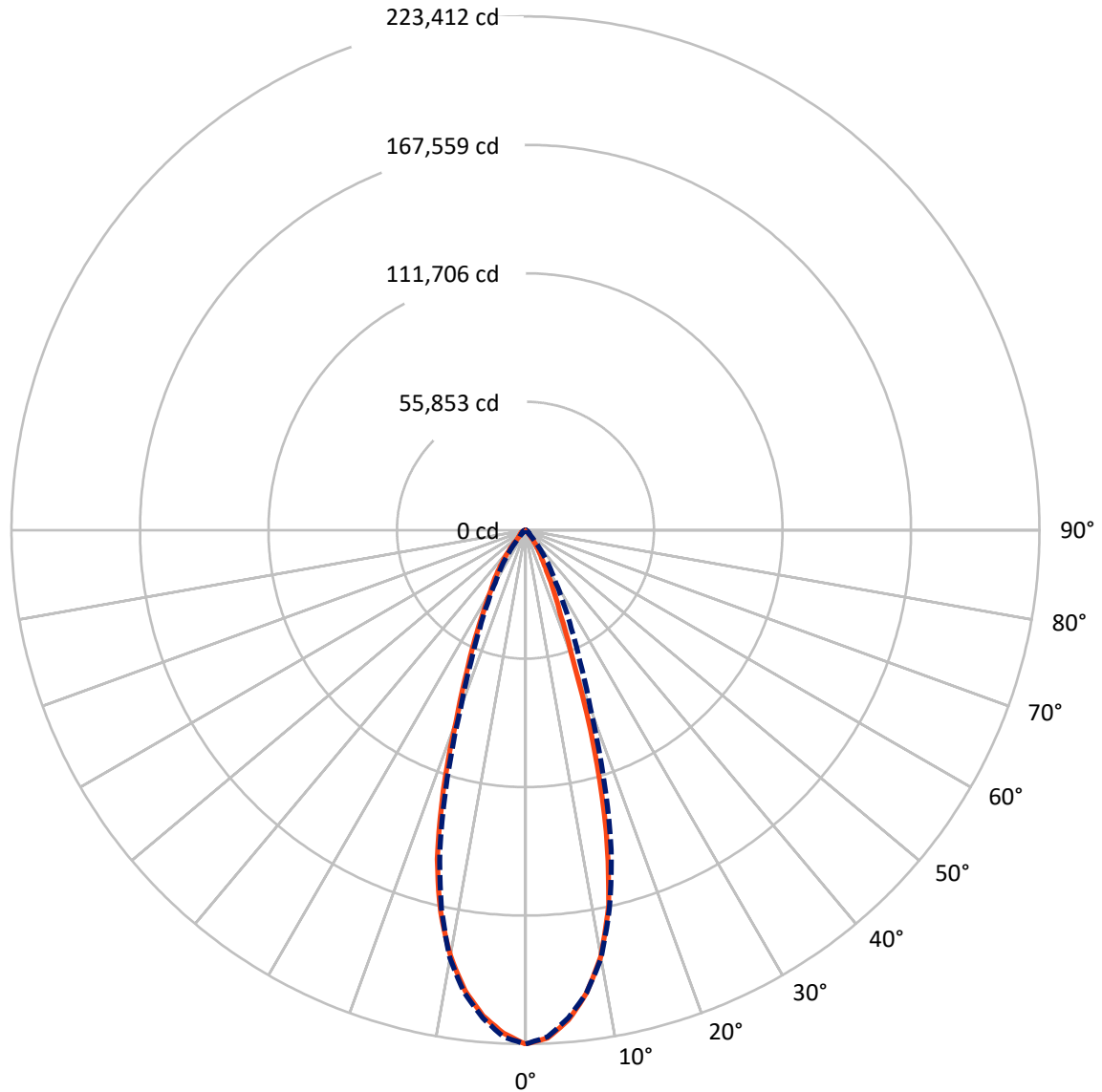
REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|-----|-----|----|----|----|
| 90 | 0.3 | 1.0 | | 1.7 | | 2.4 | | 2.7 | | 2.4 | | 1.7 | | 1.0 | | 0.3 | | | |
| 80 | 0.3 | 1.0 | | 1.7 | | 2.4 | | 2.7 | | 2.4 | | 1.7 | | 1.0 | | 0.3 | | | |
| 70 | 0.3 | 0.2 | 0.2 | 0.6 | 0.8 | 0.7 | 0.6 | 0.8 | 0.8 | 0.6 | 0.7 | 0.8 | 0.6 | 0.2 | 0.2 | 0.3 | | | |
| 60 | | 0.4 | 0.8 | 1.3 | 1.2 | 0.9 | 1.1 | 1.3 | 1.3 | 1.1 | 0.9 | 1.2 | 1.3 | 0.8 | 0.4 | | | | |
| 50 | 0.9 | 1.2 | 2.6 | 5.3 | 9.7 | 15.4 | 22.5 | 29.0 | 29.0 | 22.5 | 15.4 | 9.7 | 5.3 | 2.6 | 1.2 | 0.9 | | | |
| 40 | | 2.8 | 8.8 | 16.8 | 27.7 | 64.0 | 143.0 | 231.7 | 231.7 | 143.0 | 64.0 | 27.7 | 16.8 | 8.8 | 2.8 | | | | |
| 30 | 2.0 | 4.9 | 14.7 | 28.5 | 89.5 | 275.1 | 600.4 | 910.4 | 910.4 | 600.4 | 275.1 | 89.5 | 28.5 | 14.7 | 4.9 | 2.0 | | | |
| 20 | | 6.6 | 19.3 | 45.6 | 232.8 | 772.0 | 2062.8 | 3665.4 | 3665.4 | 2062.8 | 772.0 | 232.8 | 45.6 | 19.3 | 6.6 | | | | |
| 10 | 3.0 | 8.1 | 22.6 | 63.2 | 364.4 | 1267.2 | 3750.5 | 6005.7 | 6005.7 | 3750.5 | 1267.2 | 364.4 | 63.2 | 22.6 | 8.1 | 3.0 | | | |
| 0 | | 9.0 | 25.1 | 70.7 | 390.5 | 1330.9 | 3931.9 | 6053.2 | 6053.2 | 3931.9 | 1330.9 | 390.5 | 70.7 | 25.1 | 9.0 | | | | |
| -10 | 3.4 | 9.3 | 26.6 | 65.1 | 311.7 | 983.1 | 2475.0 | 4066.3 | 4066.3 | 2475.0 | 983.1 | 311.7 | 65.1 | 26.6 | 9.3 | 3.4 | | | |
| -20 | | 8.7 | 26.5 | 55.8 | 171.5 | 546.0 | 1072.0 | 1548.0 | 1548.0 | 1072.0 | 546.0 | 171.5 | 55.8 | 26.5 | 8.7 | | | | |
| -30 | 3.2 | 7.4 | 23.8 | 46.7 | 82.4 | 202.6 | 408.2 | 564.3 | 564.3 | 408.2 | 202.6 | 82.4 | 46.7 | 23.8 | 7.4 | 3.2 | | | |
| -40 | | 5.8 | 17.9 | 37.4 | 58.9 | 81.7 | 111.5 | 142.8 | 142.8 | 111.5 | 81.7 | 58.9 | 37.4 | 17.9 | 5.8 | | | | |
| -50 | 2.7 | 4.3 | 11.1 | 24.3 | 41.9 | 56.5 | 68.2 | 76.6 | 76.6 | 68.2 | 56.5 | 41.9 | 24.3 | 11.1 | 4.3 | 2.7 | | | |
| -60 | | 3.2 | 6.6 | 12.3 | 21.0 | 29.8 | 37.9 | 43.3 | 43.3 | 37.9 | 29.8 | 21.0 | 12.3 | 6.6 | 3.2 | | | | |
| -70 | 2.0 | 11.7 | | 26.5 | | 42.8 | | 52.5 | | 42.8 | | 26.5 | | 11.7 | | 2.0 | | | |
| -80 | | 11.7 | | 26.5 | | 42.8 | | 52.5 | | 42.8 | | 26.5 | | 11.7 | | | | | |
| -90 | 2.0 | 11.7 | | 26.5 | | 42.8 | | 52.5 | | 42.8 | | 26.5 | | 11.7 | | 2.0 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

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CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

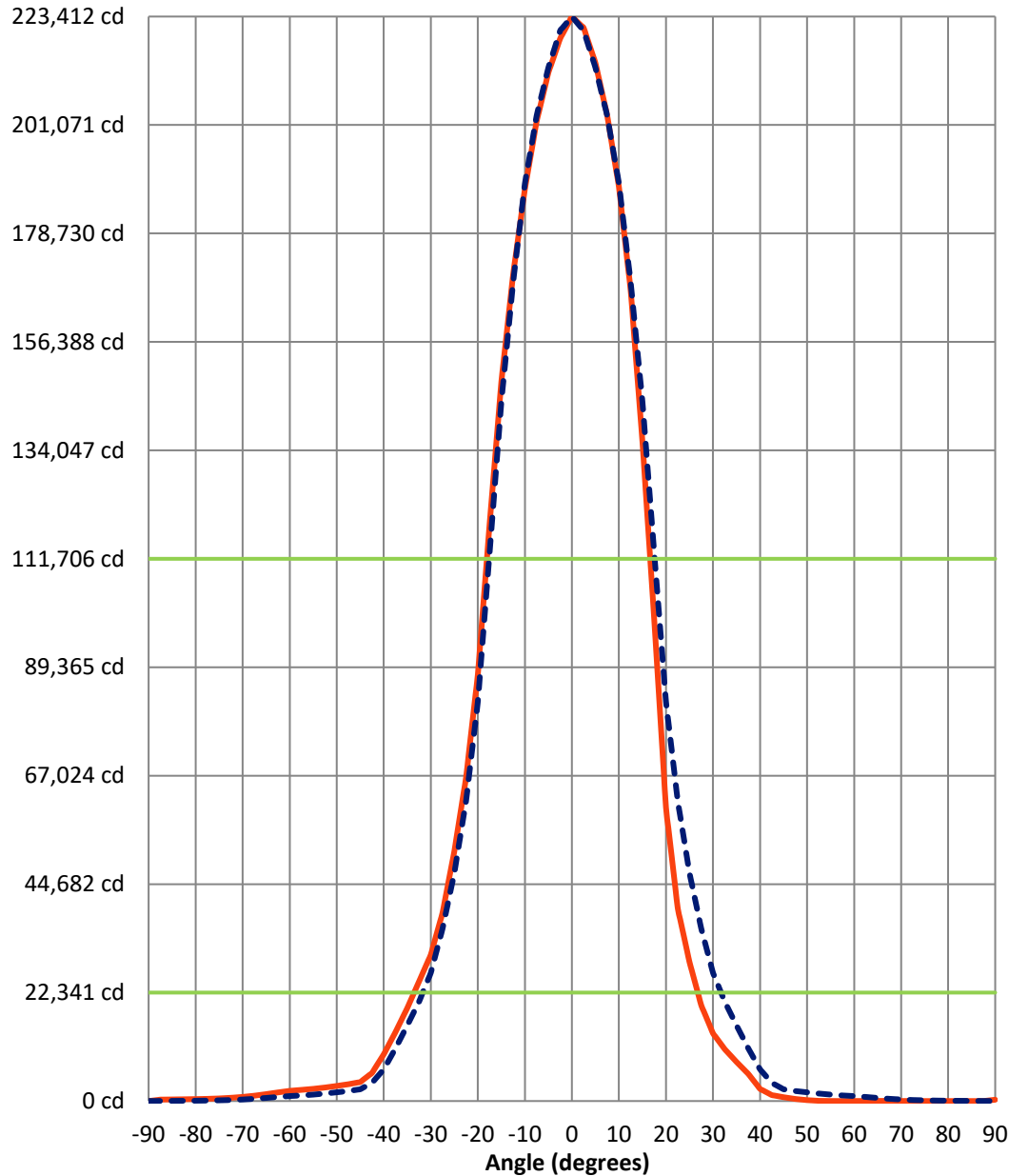
Luminous Intensity Polar Plot



— 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: 49741.9
 Efficiency: 53.7%

Field:
 H Angle: 63.4°
 V Angle: 60.3°
 Lumens: 80944.9
 Efficiency: 87.3%

Spill:
 Lumens: 11730.9
 Efficiency: 12.7%

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

REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 9.9 | 18.7 | 27.6 | 45.3 | 63.0 | 79.0 | 95.1 | 107.8 | 120.5 | 128.8 | 137.0 |
| 87.5° | 9.9 | 9.0 | 7.9 | 8.0 | 8.1 | 8.1 | 8.0 | 7.5 | 7.0 | 7.0 | 7.1 |
| 85° | 9.9 | 9.2 | 8.1 | 8.3 | 8.5 | 8.4 | 8.3 | 7.8 | 7.4 | 7.4 | 7.5 |
| 82.5° | 9.9 | 9.4 | 8.3 | 8.6 | 8.8 | 8.8 | 8.6 | 8.2 | 7.8 | 7.9 | 8.0 |
| 80° | 9.9 | 9.6 | 8.5 | 8.8 | 9.2 | 9.2 | 8.9 | 8.7 | 8.6 | 8.6 | 8.5 |
| 77.5° | 9.9 | 9.8 | 8.7 | 9.1 | 9.6 | 9.6 | 9.5 | 9.4 | 9.3 | 9.3 | 8.9 |
| 75° | 9.9 | 10.0 | 9.0 | 9.4 | 10.0 | 10.1 | 10.1 | 10.1 | 10.1 | 9.7 | 9.1 |
| 72.5° | 9.9 | 10.2 | 9.2 | 9.7 | 10.4 | 10.6 | 10.8 | 10.8 | 10.6 | 10.1 | 9.3 |
| 70° | 9.9 | 10.4 | 9.5 | 10.0 | 10.8 | 11.1 | 11.4 | 11.4 | 11.1 | 10.5 | 10.2 |
| 67.5° | 9.9 | 10.7 | 9.8 | 10.4 | 11.3 | 11.6 | 12.1 | 12.1 | 11.8 | 11.5 | 11.2 |
| 65° | 9.9 | 10.9 | 10.1 | 10.9 | 11.7 | 12.4 | 13.0 | 12.7 | 13.1 | 12.4 | 12.6 |
| 62.5° | 9.9 | 11.1 | 10.4 | 11.3 | 12.2 | 13.4 | 13.9 | 14.2 | 14.6 | 13.8 | 15.0 |
| 60° | 9.9 | 11.3 | 10.8 | 11.8 | 12.8 | 14.4 | 14.9 | 16.1 | 16.3 | 17.5 | 17.9 |
| 57.5° | 9.9 | 11.6 | 11.4 | 12.3 | 13.9 | 15.5 | 17.0 | 18.2 | 20.3 | 21.7 | 24.1 |
| 55° | 9.9 | 11.8 | 12.1 | 12.8 | 15.1 | 16.7 | 19.3 | 20.6 | 25.2 | 27.4 | 32.4 |
| 52.5° | 9.9 | 12.0 | 12.7 | 13.3 | 16.4 | 18.1 | 21.7 | 25.5 | 30.4 | 37.0 | 41.3 |
| 50° | 9.9 | 12.3 | 13.5 | 13.8 | 17.7 | 20.5 | 24.3 | 30.9 | 37.3 | 47.3 | 53.5 |
| 47.5° | 9.9 | 12.5 | 14.2 | 14.4 | 19.1 | 23.1 | 27.2 | 36.4 | 47.4 | 58.2 | 67.3 |
| 45° | 9.9 | 12.7 | 15.0 | 15.5 | 20.6 | 25.9 | 32.3 | 42.2 | 58.1 | 71.8 | 82.1 |
| 42.5° | 9.9 | 13.0 | 15.9 | 16.6 | 22.1 | 28.7 | 37.4 | 50.4 | 69.3 | 86.0 | 105.9 |
| 40° | 9.9 | 13.2 | 16.8 | 18.3 | 24.0 | 31.7 | 42.8 | 60.5 | 81.6 | 100.9 | 133.3 |
| 37.5° | 9.9 | 13.5 | 17.7 | 20.2 | 26.4 | 34.7 | 48.5 | 70.7 | 95.8 | 120.3 | 163.2 |
| 35° | 9.9 | 13.7 | 18.6 | 22.2 | 28.7 | 38.8 | 54.1 | 81.1 | 110.6 | 147.9 | 199.3 |
| 32.5° | 9.9 | 13.9 | 19.6 | 24.1 | 31.1 | 43.3 | 60.7 | 91.6 | 125.9 | 176.2 | 240.5 |
| 30° | 9.9 | 14.2 | 20.6 | 26.1 | 33.5 | 47.8 | 69.1 | 102.3 | 141.7 | 205.0 | 279.8 |
| 27.5° | 9.9 | 14.4 | 21.6 | 28.1 | 36.7 | 52.1 | 77.3 | 113.9 | 159.1 | 234.2 | 317.0 |
| 25° | 9.9 | 14.6 | 22.6 | 30.2 | 39.9 | 56.4 | 85.3 | 125.0 | 179.1 | 264.6 | 352.4 |
| 22.5° | 9.9 | 14.9 | 23.6 | 32.2 | 43.1 | 60.9 | 93.0 | 135.5 | 197.9 | 288.2 | 388.6 |
| 20° | 9.9 | 15.1 | 24.6 | 34.2 | 46.2 | 65.9 | 100.4 | 145.5 | 215.2 | 310.3 | 417.9 |
| 17.5° | 9.9 | 15.3 | 25.6 | 36.1 | 49.3 | 70.8 | 108.0 | 154.8 | 231.2 | 330.7 | 445.2 |
| 15° | 9.9 | 15.5 | 26.6 | 38.1 | 52.2 | 75.5 | 115.5 | 164.2 | 245.8 | 349.5 | 471.0 |
| 12.5° | 9.9 | 15.7 | 27.6 | 40.0 | 55.0 | 80.1 | 122.6 | 173.7 | 260.5 | 366.5 | 494.9 |
| 10° | 9.9 | 15.9 | 28.6 | 41.8 | 57.7 | 84.5 | 129.2 | 182.6 | 275.0 | 388.4 | 521.2 |
| 7.5° | 9.9 | 16.1 | 29.5 | 43.6 | 60.4 | 88.6 | 135.3 | 190.8 | 288.1 | 410.0 | 554.9 |
| 5° | 9.9 | 16.3 | 30.4 | 45.4 | 62.8 | 92.5 | 140.9 | 198.3 | 299.7 | 430.1 | 586.6 |
| 2.5° | 9.9 | 16.4 | 31.3 | 47.0 | 65.2 | 96.2 | 145.9 | 205.1 | 309.8 | 448.3 | 615.9 |
| 0° | 9.9 | 16.6 | 32.1 | 48.6 | 67.4 | 99.5 | 150.3 | 211.1 | 318.3 | 464.2 | 642.1 |
| -2.5° | 9.9 | 17.2 | 33.3 | 50.7 | 70.5 | 103.5 | 155.5 | 218.3 | 329.5 | 477.3 | 655.2 |
| -5° | 9.9 | 17.8 | 34.5 | 52.6 | 73.5 | 107.2 | 160.0 | 224.7 | 338.8 | 487.7 | 664.8 |
| -7.5° | 9.9 | 18.3 | 35.6 | 54.5 | 76.3 | 110.5 | 163.9 | 230.0 | 346.0 | 495.3 | 670.9 |
| -10° | 9.9 | 18.9 | 36.6 | 56.2 | 79.0 | 113.5 | 167.2 | 234.4 | 351.1 | 500.1 | 673.4 |
| -12.5° | 9.9 | 19.4 | 37.6 | 57.8 | 81.4 | 116.2 | 169.7 | 237.6 | 353.7 | 501.9 | 676.4 |
| -15° | 9.9 | 19.9 | 38.5 | 59.3 | 83.6 | 118.5 | 171.6 | 239.7 | 353.3 | 499.6 | 676.3 |
| -17.5° | 9.9 | 20.4 | 39.3 | 60.6 | 85.5 | 120.4 | 172.7 | 241.1 | 349.8 | 494.1 | 670.6 |
| -20° | 9.9 | 20.8 | 40.0 | 61.8 | 87.3 | 121.9 | 173.5 | 241.8 | 344.3 | 485.2 | 659.0 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 9.9 | 21.2 | 40.7 | 62.9 | 88.8 | 123.1 | 174.4 | 241.5 | 336.6 | 472.8 | 641.9 |
| -25° | 9.9 | 21.6 | 41.3 | 63.8 | 90.0 | 124.6 | 174.4 | 240.0 | 326.9 | 456.9 | 623.9 |
| -27.5° | 9.9 | 22.0 | 41.8 | 64.5 | 90.9 | 125.9 | 173.7 | 237.6 | 315.1 | 443.3 | 608.6 |
| -30° | 9.9 | 22.3 | 42.2 | 65.1 | 91.7 | 126.7 | 172.2 | 234.1 | 308.0 | 430.7 | 588.5 |
| -32.5° | 9.9 | 22.6 | 42.5 | 65.5 | 92.9 | 127.2 | 169.8 | 231.0 | 303.9 | 414.7 | 563.4 |
| -35° | 9.9 | 22.8 | 42.7 | 65.7 | 93.9 | 127.2 | 169.0 | 227.5 | 298.0 | 395.4 | 533.0 |
| -37.5° | 9.9 | 23.0 | 42.9 | 65.8 | 94.6 | 127.2 | 168.5 | 222.9 | 290.5 | 372.8 | 504.1 |
| -40° | 9.9 | 23.2 | 43.0 | 65.7 | 95.0 | 127.7 | 167.4 | 217.1 | 281.3 | 358.3 | 475.8 |
| -42.5° | 9.9 | 23.3 | 43.0 | 65.6 | 95.3 | 127.9 | 165.6 | 210.0 | 272.4 | 346.3 | 444.2 |
| -45° | 9.9 | 23.4 | 42.9 | 65.8 | 95.5 | 127.8 | 163.1 | 204.0 | 262.8 | 332.0 | 412.1 |
| -47.5° | 9.9 | 23.4 | 42.7 | 65.7 | 95.4 | 127.3 | 160.1 | 200.4 | 251.8 | 315.7 | 393.3 |
| -50° | 9.9 | 23.4 | 42.4 | 65.7 | 95.0 | 126.5 | 158.5 | 196.2 | 239.2 | 301.0 | 371.9 |
| -52.5° | 9.9 | 23.4 | 42.1 | 65.6 | 94.4 | 125.4 | 156.8 | 191.3 | 230.8 | 284.6 | 347.3 |
| -55° | 9.9 | 23.3 | 41.6 | 65.3 | 93.4 | 123.8 | 154.7 | 186.2 | 223.9 | 266.4 | 323.7 |
| -57.5° | 9.9 | 23.2 | 41.1 | 64.9 | 92.2 | 122.0 | 152.2 | 183.2 | 216.1 | 254.8 | 298.4 |
| -60° | 9.9 | 23.1 | 40.5 | 64.3 | 90.8 | 119.8 | 149.3 | 179.4 | 208.3 | 244.5 | 275.9 |
| -62.5° | 9.9 | 22.9 | 39.9 | 63.5 | 89.5 | 117.2 | 146.0 | 174.9 | 202.7 | 232.6 | 261.6 |
| -65° | 9.9 | 22.6 | 39.2 | 62.5 | 88.1 | 114.3 | 142.3 | 169.9 | 196.5 | 223.0 | 246.7 |
| -67.5° | 9.9 | 22.4 | 38.4 | 61.3 | 86.3 | 111.4 | 138.1 | 164.4 | 189.8 | 213.9 | 234.9 |
| -70° | 9.9 | 22.1 | 37.5 | 60.1 | 84.4 | 108.4 | 133.6 | 158.4 | 182.7 | 204.5 | 224.2 |
| -72.5° | 9.9 | 21.8 | 36.5 | 58.7 | 82.3 | 105.1 | 129.0 | 152.1 | 175.1 | 195.0 | 213.2 |
| -75° | 9.9 | 21.4 | 35.4 | 57.1 | 79.9 | 101.5 | 124.1 | 145.5 | 167.2 | 185.1 | 201.8 |
| -77.5° | 9.9 | 21.0 | 34.3 | 55.5 | 77.5 | 97.6 | 118.8 | 138.7 | 158.9 | 174.9 | 190.1 |
| -80° | 9.9 | 20.6 | 33.0 | 53.7 | 74.9 | 94.0 | 113.2 | 131.6 | 150.3 | 164.6 | 178.3 |
| -82.5° | 9.9 | 20.2 | 31.8 | 51.8 | 72.2 | 90.5 | 108.8 | 124.9 | 141.3 | 154.0 | 166.4 |
| -85° | 9.9 | 19.7 | 30.4 | 49.7 | 69.3 | 86.9 | 104.4 | 119.4 | 134.5 | 145.0 | 155.5 |
| -87.5° | 9.9 | 19.2 | 29.0 | 47.6 | 66.2 | 83.0 | 99.9 | 113.7 | 127.6 | 136.9 | 146.3 |
| -90° | 9.9 | 8.8 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.2 | 6.6 | 6.6 | 6.6 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| 90° | 143.1 | 149.2 | 154.8 | 160.3 | 166.9 | 173.5 | 180.2 | 186.8 | 194.0 | 201.2 | 208.4 |
| 87.5° | 6.6 | 6.1 | 6.1 | 6.1 | 5.6 | 5.1 | 4.8 | 4.4 | 4.4 | 4.4 | 4.3 |
| 85° | 7.1 | 6.6 | 6.6 | 6.6 | 6.2 | 5.8 | 5.4 | 4.9 | 4.9 | 5.0 | 4.7 |
| 82.5° | 7.6 | 7.2 | 7.0 | 6.6 | 6.5 | 6.5 | 6.1 | 5.7 | 5.6 | 5.5 | 5.2 |
| 80° | 8.2 | 7.8 | 7.3 | 7.0 | 6.9 | 6.7 | 6.5 | 6.4 | 6.1 | 5.7 | 5.6 |
| 77.5° | 8.4 | 7.8 | 7.6 | 7.6 | 7.3 | 6.7 | 6.6 | 6.6 | 6.5 | 6.4 | 6.2 |
| 75° | 8.4 | 7.9 | 7.8 | 7.8 | 7.4 | 6.8 | 6.6 | 6.8 | 6.9 | 6.7 | 6.5 |
| 72.5° | 8.9 | 8.6 | 8.3 | 8.0 | 7.7 | 7.4 | 7.4 | 7.6 | 8.2 | 8.8 | 9.4 |
| 70° | 9.9 | 9.4 | 9.1 | 8.9 | 8.4 | 8.4 | 9.4 | 11.2 | 13.1 | 13.8 | 15.6 |
| 67.5° | 10.9 | 10.6 | 10.3 | 10.0 | 10.1 | 11.0 | 12.3 | 16.3 | 19.9 | 22.3 | 24.9 |
| 65° | 12.1 | 11.9 | 11.9 | 12.0 | 12.2 | 15.6 | 19.2 | 23.2 | 29.4 | 32.9 | 33.1 |
| 62.5° | 13.5 | 15.2 | 14.5 | 15.5 | 18.6 | 22.2 | 27.7 | 35.0 | 42.8 | 46.0 | 44.0 |
| 60° | 19.1 | 20.0 | 20.4 | 22.8 | 25.9 | 29.8 | 37.5 | 46.3 | 55.4 | 60.9 | 52.7 |
| 57.5° | 26.3 | 27.5 | 29.6 | 31.0 | 34.4 | 36.7 | 45.8 | 56.5 | 62.4 | 65.9 | 56.7 |
| 55° | 35.3 | 37.1 | 40.1 | 40.8 | 43.7 | 44.7 | 52.3 | 59.6 | 64.6 | 65.7 | 55.7 |
| 52.5° | 46.8 | 48.8 | 53.2 | 53.9 | 54.0 | 55.0 | 56.0 | 64.1 | 68.1 | 67.0 | 57.8 |
| 50° | 59.2 | 66.0 | 68.4 | 70.9 | 67.6 | 69.0 | 65.3 | 74.7 | 82.6 | 80.5 | 83.3 |
| 47.5° | 77.4 | 86.0 | 89.4 | 94.0 | 91.6 | 99.2 | 96.4 | 114.3 | 120.5 | 156.3 | 164.3 |
| 45° | 99.3 | 114.5 | 119.1 | 129.7 | 140.3 | 149.2 | 178.0 | 180.3 | 255.7 | 287.1 | 346.4 |
| 42.5° | 125.8 | 149.5 | 168.7 | 172.6 | 224.0 | 251.3 | 291.3 | 357.2 | 423.2 | 483.8 | 524.1 |
| 40° | 164.9 | 189.4 | 230.7 | 278.9 | 333.4 | 392.2 | 445.5 | 522.0 | 586.0 | 633.6 | 662.2 |
| 37.5° | 209.5 | 256.2 | 312.5 | 399.4 | 473.0 | 533.0 | 593.6 | 659.6 | 719.9 | 761.7 | 816.2 |
| 35° | 258.3 | 326.5 | 430.9 | 521.3 | 600.3 | 656.8 | 715.9 | 786.0 | 842.9 | 910.4 | 977.7 |
| 32.5° | 317.7 | 398.3 | 529.2 | 626.8 | 691.0 | 757.8 | 826.1 | 899.8 | 981.3 | 1064.5 | 1150.6 |
| 30° | 376.4 | 479.0 | 607.0 | 708.5 | 770.6 | 848.5 | 931.5 | 1017.8 | 1124.8 | 1229.5 | 1345.9 |
| 27.5° | 422.6 | 548.4 | 670.1 | 775.0 | 847.4 | 939.5 | 1040.8 | 1153.6 | 1280.6 | 1408.8 | 1563.4 |
| 25° | 463.8 | 600.0 | 733.7 | 844.9 | 936.8 | 1039.0 | 1158.0 | 1293.3 | 1444.5 | 1624.7 | 2111.0 |
| 22.5° | 504.0 | 650.2 | 803.9 | 919.8 | 1023.1 | 1138.5 | 1282.1 | 1440.0 | 1618.0 | 1857.4 | 2717.5 |
| 20° | 545.3 | 707.1 | 871.2 | 982.0 | 1101.9 | 1231.3 | 1399.5 | 1582.7 | 1803.3 | 2369.0 | 3637.6 |
| 17.5° | 587.8 | 765.8 | 928.4 | 1036.7 | 1163.0 | 1320.8 | 1516.3 | 1723.0 | 1991.8 | 2848.0 | 4790.0 |
| 15° | 629.2 | 821.1 | 974.3 | 1085.0 | 1224.3 | 1407.9 | 1626.3 | 1879.5 | 2325.7 | 3516.6 | 5944.5 |
| 12.5° | 668.8 | 870.8 | 1008.4 | 1126.6 | 1284.8 | 1490.0 | 1728.3 | 2012.5 | 2717.9 | 4418.8 | 7203.9 |
| 10° | 706.0 | 914.8 | 1038.0 | 1166.3 | 1343.9 | 1567.2 | 1819.8 | 2129.6 | 3060.4 | 5139.7 | 8200.9 |
| 7.5° | 746.3 | 952.6 | 1064.9 | 1204.0 | 1398.4 | 1637.8 | 1895.1 | 2219.7 | 3315.6 | 5692.5 | 8941.5 |
| 5° | 782.9 | 983.3 | 1095.9 | 1248.1 | 1452.5 | 1701.5 | 1959.6 | 2295.1 | 3489.7 | 6042.9 | 9455.5 |
| 2.5° | 814.9 | 1007.7 | 1124.7 | 1290.0 | 1503.4 | 1757.4 | 2017.9 | 2370.7 | 3645.1 | 6339.1 | 10105.9 |
| 0° | 842.2 | 1026.8 | 1150.6 | 1327.4 | 1547.3 | 1803.8 | 2065.7 | 2431.5 | 3749.0 | 6538.6 | 10860.1 |
| -2.5° | 858.9 | 1055.3 | 1193.7 | 1366.6 | 1583.6 | 1836.7 | 2108.9 | 2496.5 | 3854.2 | 6969.8 | 11147.3 |
| -5° | 870.8 | 1078.3 | 1232.4 | 1400.9 | 1612.9 | 1860.8 | 2140.5 | 2542.6 | 3899.5 | 7088.4 | 11063.7 |
| -7.5° | 877.8 | 1095.0 | 1265.5 | 1431.0 | 1639.1 | 1888.7 | 2190.4 | 2604.2 | 3920.0 | 6796.1 | 10589.6 |
| -10° | 881.4 | 1109.0 | 1287.2 | 1455.8 | 1663.4 | 1914.4 | 2229.2 | 2644.0 | 3835.8 | 6401.6 | 10044.1 |
| -12.5° | 890.9 | 1121.0 | 1304.5 | 1474.1 | 1679.6 | 1932.9 | 2259.5 | 2673.9 | 3644.0 | 5859.7 | 9294.3 |
| -15° | 893.4 | 1127.1 | 1318.9 | 1486.8 | 1696.5 | 1960.0 | 2282.4 | 2679.0 | 3367.0 | 5159.3 | 8337.1 |
| -17.5° | 888.4 | 1127.5 | 1329.0 | 1496.6 | 1705.0 | 1970.4 | 2289.7 | 2664.3 | 3160.1 | 4650.4 | 7374.0 |
| -20° | 875.5 | 1114.3 | 1332.1 | 1497.6 | 1701.8 | 1974.6 | 2293.3 | 2658.0 | 3109.5 | 4130.1 | 6206.1 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 854.5 | 1093.4 | 1321.3 | 1496.0 | 1712.9 | 1976.4 | 2282.7 | 2618.6 | 3000.1 | 3502.6 | 5043.4 |
| -25° | 831.9 | 1063.8 | 1293.3 | 1501.3 | 1715.0 | 1967.2 | 2238.1 | 2546.5 | 2898.7 | 3291.7 | 4213.8 |
| -27.5° | 807.6 | 1029.3 | 1264.6 | 1494.7 | 1704.5 | 1932.7 | 2184.3 | 2473.4 | 2763.4 | 3080.9 | 3473.6 |
| -30° | 778.2 | 991.8 | 1226.1 | 1470.5 | 1679.8 | 1893.0 | 2124.9 | 2358.7 | 2618.7 | 2904.4 | 3237.1 |
| -32.5° | 742.9 | 947.7 | 1178.4 | 1419.8 | 1647.1 | 1846.8 | 2040.8 | 2250.7 | 2482.7 | 2734.6 | 3009.8 |
| -35° | 704.6 | 902.9 | 1122.4 | 1358.1 | 1607.1 | 1790.5 | 1959.1 | 2140.6 | 2346.1 | 2576.3 | 2831.9 |
| -37.5° | 665.7 | 851.3 | 1056.7 | 1286.5 | 1528.6 | 1720.7 | 1872.6 | 2042.0 | 2222.9 | 2420.0 | 2657.7 |
| -40° | 621.6 | 791.9 | 988.2 | 1205.4 | 1420.1 | 1627.7 | 1794.6 | 1948.1 | 2107.2 | 2287.5 | 2481.6 |
| -42.5° | 574.1 | 734.0 | 913.3 | 1110.1 | 1305.1 | 1503.0 | 1712.0 | 1862.9 | 2005.2 | 2158.3 | 2328.5 |
| -45° | 534.4 | 670.1 | 832.2 | 1007.3 | 1183.1 | 1374.7 | 1576.4 | 1778.1 | 1908.0 | 2040.5 | 2185.5 |
| -47.5° | 488.5 | 605.3 | 753.6 | 899.5 | 1061.6 | 1242.3 | 1433.3 | 1620.4 | 1804.9 | 1933.8 | 2055.8 |
| -50° | 444.6 | 550.4 | 663.6 | 797.9 | 942.4 | 1109.3 | 1284.3 | 1455.3 | 1628.2 | 1802.9 | 1942.0 |
| -52.5° | 414.4 | 491.7 | 589.9 | 695.9 | 829.6 | 977.0 | 1130.5 | 1282.9 | 1445.3 | 1611.9 | 1772.3 |
| -55° | 381.9 | 448.1 | 518.1 | 608.1 | 718.1 | 849.5 | 977.1 | 1113.7 | 1253.2 | 1406.9 | 1563.2 |
| -57.5° | 350.9 | 405.7 | 460.6 | 529.1 | 621.6 | 722.0 | 833.9 | 946.1 | 1072.5 | 1201.2 | 1335.0 |
| -60° | 320.1 | 365.1 | 411.8 | 466.4 | 530.1 | 614.8 | 695.8 | 793.5 | 898.5 | 1004.3 | 1123.3 |
| -62.5° | 290.8 | 327.4 | 366.2 | 412.3 | 465.7 | 515.6 | 582.5 | 658.3 | 734.0 | 827.8 | 924.2 |
| -65° | 273.5 | 293.8 | 324.3 | 364.3 | 405.8 | 450.1 | 493.5 | 539.9 | 605.8 | 675.8 | 744.3 |
| -67.5° | 255.1 | 273.9 | 292.9 | 317.6 | 354.0 | 388.4 | 423.4 | 464.2 | 506.2 | 551.6 | 601.4 |
| -70° | 241.3 | 254.4 | 271.3 | 290.8 | 309.7 | 330.6 | 361.7 | 394.2 | 426.5 | 461.8 | 500.9 |
| -72.5° | 228.3 | 240.5 | 253.2 | 266.9 | 283.5 | 299.4 | 315.7 | 333.3 | 358.8 | 389.8 | 418.8 |
| -75° | 215.1 | 226.5 | 238.0 | 250.0 | 262.5 | 274.5 | 287.4 | 303.2 | 320.7 | 339.7 | 357.5 |
| -77.5° | 201.8 | 212.3 | 222.8 | 233.2 | 244.5 | 256.2 | 267.3 | 278.6 | 292.3 | 307.0 | 321.0 |
| -80° | 188.6 | 197.9 | 207.7 | 217.3 | 227.2 | 237.4 | 247.2 | 256.7 | 268.6 | 281.2 | 293.6 |
| -82.5° | 175.8 | 184.5 | 193.0 | 201.4 | 210.0 | 218.4 | 227.2 | 236.1 | 247.0 | 258.1 | 268.7 |
| -85° | 163.3 | 171.1 | 178.2 | 185.3 | 193.2 | 201.0 | 208.6 | 216.1 | 226.0 | 235.9 | 245.1 |
| -87.5° | 153.3 | 160.2 | 166.3 | 172.3 | 179.3 | 186.2 | 192.8 | 199.2 | 207.7 | 216.3 | 224.0 |
| -90° | 6.1 | 5.5 | 5.5 | 5.5 | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 3.9 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 90° | 215.5 | 220.5 | 225.5 | 228.8 | 232.1 | 237.1 | 242.0 | 249.2 | 256.4 | 262.5 | 268.6 |
| 87.5° | 4.2 | 3.8 | 3.3 | 3.2 | 3.2 | 3.2 | 3.2 | 2.7 | 2.2 | 2.2 | 2.2 |
| 85° | 4.4 | 4.2 | 4.1 | 4.2 | 4.2 | 3.8 | 3.3 | 3.3 | 3.2 | 3.2 | 3.3 |
| 82.5° | 4.9 | 4.7 | 4.4 | 4.4 | 4.4 | 4.3 | 4.2 | 3.8 | 3.3 | 3.3 | 3.3 |
| 80° | 5.5 | 5.2 | 5.0 | 4.7 | 4.4 | 4.4 | 4.4 | 3.9 | 3.3 | 3.3 | 3.3 |
| 77.5° | 5.7 | 5.6 | 5.5 | 5.1 | 4.5 | 4.4 | 4.4 | 3.9 | 3.4 | 3.3 | 3.3 |
| 75° | 6.5 | 6.4 | 6.3 | 6.1 | 6.0 | 6.2 | 6.5 | 6.3 | 6.0 | 5.7 | 5.4 |
| 72.5° | 10.0 | 10.0 | 9.7 | 10.3 | 10.9 | 11.4 | 11.7 | 12.0 | 12.5 | 13.3 | 14.3 |
| 70° | 17.6 | 19.0 | 19.0 | 19.0 | 19.0 | 18.4 | 17.8 | 17.6 | 17.7 | 18.0 | 18.4 |
| 67.5° | 26.6 | 27.7 | 28.1 | 28.3 | 25.9 | 24.2 | 23.6 | 23.6 | 24.7 | 26.7 | 29.6 |
| 65° | 33.9 | 31.8 | 30.0 | 28.0 | 28.2 | 28.1 | 26.8 | 26.2 | 27.1 | 28.3 | 29.7 |
| 62.5° | 40.3 | 32.0 | 26.7 | 24.1 | 24.5 | 25.4 | 22.9 | 21.1 | 20.5 | 20.1 | 20.2 |
| 60° | 43.3 | 30.1 | 21.2 | 18.0 | 16.2 | 15.2 | 13.5 | 11.6 | 10.9 | 10.8 | 11.0 |
| 57.5° | 43.7 | 28.7 | 16.9 | 13.3 | 10.2 | 7.9 | 6.6 | 5.8 | 5.8 | 5.6 | 5.4 |
| 55° | 42.4 | 29.0 | 16.4 | 15.0 | 13.7 | 12.6 | 11.0 | 10.7 | 10.1 | 10.0 | 10.7 |
| 52.5° | 43.9 | 40.7 | 33.3 | 32.2 | 39.4 | 39.6 | 34.1 | 42.0 | 47.3 | 51.5 | 53.4 |
| 50° | 86.7 | 83.3 | 105.3 | 105.3 | 127.4 | 146.5 | 141.0 | 152.1 | 171.3 | 188.0 | 198.3 |
| 47.5° | 202.7 | 218.6 | 251.5 | 281.1 | 314.4 | 356.6 | 375.2 | 388.5 | 405.3 | 427.8 | 442.9 |
| 45° | 377.5 | 417.0 | 459.7 | 507.6 | 563.4 | 612.8 | 641.5 | 669.2 | 687.5 | 707.5 | 731.2 |
| 42.5° | 560.5 | 607.6 | 671.0 | 728.2 | 788.6 | 846.2 | 891.7 | 931.8 | 1009.8 | 1121.3 | 1209.8 |
| 40° | 717.2 | 770.8 | 844.4 | 920.6 | 991.8 | 1064.7 | 1265.4 | 1436.5 | 1649.6 | 1967.8 | 2249.8 |
| 37.5° | 872.7 | 934.7 | 1016.8 | 1110.3 | 1325.0 | 1542.3 | 1980.6 | 2454.2 | 2864.4 | 3324.5 | 3789.0 |
| 35° | 1042.3 | 1123.6 | 1233.5 | 1547.9 | 1945.3 | 2524.7 | 3153.2 | 3856.5 | 4453.5 | 5095.8 | 6036.9 |
| 32.5° | 1242.4 | 1384.6 | 1739.8 | 2311.2 | 3023.8 | 3846.8 | 4626.6 | 5510.6 | 6256.2 | 7436.4 | 8873.8 |
| 30° | 1500.5 | 1946.2 | 2628.2 | 3417.1 | 4378.7 | 5420.5 | 6398.1 | 7829.9 | 9502.7 | 10983.5 | 12206.3 |
| 27.5° | 2122.9 | 2983.9 | 3936.0 | 4935.8 | 6140.0 | 7402.3 | 9452.1 | 11305.4 | 13105.2 | 14704.0 | 16561.6 |
| 25° | 3052.3 | 4433.5 | 6060.8 | 7401.1 | 9037.4 | 11318.8 | 13636.7 | 15677.6 | 18413.0 | 20818.8 | 23517.7 |
| 22.5° | 4366.9 | 6333.6 | 8429.6 | 10386.6 | 12899.4 | 15756.8 | 18875.2 | 22635.8 | 26435.7 | 30656.6 | 34411.8 |
| 20° | 5650.0 | 8138.3 | 10792.7 | 13609.9 | 16827.9 | 20400.5 | 25498.2 | 31601.1 | 37456.6 | 44106.6 | 49714.1 |
| 17.5° | 7358.7 | 10366.6 | 13505.9 | 17087.0 | 21224.4 | 26720.8 | 34244.9 | 42589.8 | 51644.6 | 61574.7 | 70757.4 |
| 15° | 9096.2 | 12336.7 | 15984.4 | 20567.7 | 26420.0 | 33890.1 | 43489.0 | 54849.1 | 68091.0 | 82688.6 | 100435.6 |
| 12.5° | 10520.2 | 14063.7 | 18329.1 | 24105.0 | 31759.2 | 41749.2 | 53379.1 | 67053.9 | 85208.1 | 107225.4 | 127844.1 |
| 10° | 11736.8 | 15985.7 | 21375.6 | 28211.5 | 37214.7 | 48492.4 | 61703.9 | 78634.3 | 103088.9 | 128595.2 | 151222.3 |
| 7.5° | 12990.1 | 18016.6 | 23724.7 | 31136.4 | 41373.0 | 54174.3 | 70442.9 | 92551.7 | 119458.2 | 145619.2 | 166369.2 |
| 5° | 14172.1 | 19401.4 | 25207.0 | 33125.6 | 44195.6 | 57944.2 | 76402.8 | 103331.4 | 132611.4 | 158234.4 | 177728.9 |
| 2.5° | 15098.0 | 20097.9 | 25987.6 | 34607.0 | 45721.5 | 59993.1 | 80138.8 | 109997.3 | 140712.0 | 165964.7 | 185954.9 |
| 0° | 15578.4 | 20475.7 | 26420.8 | 35533.5 | 46987.0 | 61873.5 | 82280.7 | 112938.9 | 144007.2 | 168598.8 | 188973.9 |
| -2.5° | 15472.0 | 20293.4 | 26152.6 | 34818.4 | 46697.9 | 62213.7 | 84061.7 | 114471.9 | 144574.8 | 169497.2 | 188699.5 |
| -5° | 15248.5 | 20006.1 | 25784.5 | 33939.9 | 45662.2 | 61358.4 | 82127.8 | 110086.1 | 139158.7 | 164723.6 | 183391.4 |
| -7.5° | 14831.8 | 19525.2 | 25050.2 | 32654.7 | 43945.6 | 58809.4 | 77551.8 | 101846.5 | 129736.7 | 155350.9 | 173422.9 |
| -10° | 14218.9 | 18782.2 | 23996.5 | 30912.7 | 41052.8 | 54705.0 | 70639.2 | 89611.7 | 115701.9 | 139649.6 | 159729.9 |
| -12.5° | 13347.7 | 17731.2 | 22534.7 | 28477.9 | 37558.9 | 49590.1 | 63327.0 | 79090.8 | 97737.7 | 120833.6 | 139655.9 |
| -15° | 12239.1 | 16361.7 | 20825.2 | 26432.8 | 34025.9 | 43883.8 | 55465.7 | 67694.7 | 81987.0 | 97929.6 | 116276.3 |
| -17.5° | 10878.5 | 14751.1 | 18907.7 | 23742.0 | 29882.9 | 38153.6 | 47315.4 | 56857.6 | 67174.0 | 78906.3 | 89684.9 |
| -20° | 9256.2 | 12798.3 | 16715.4 | 21212.0 | 26473.9 | 32448.0 | 39108.0 | 46822.1 | 54818.6 | 63192.2 | 70600.9 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 7608.8 | 10840.1 | 14572.8 | 18504.5 | 23077.9 | 27638.0 | 32111.3 | 37847.0 | 44022.2 | 50084.4 | 55598.8 |
| -25° | 5953.4 | 8806.0 | 12276.6 | 15964.4 | 19635.1 | 23359.9 | 26991.9 | 30553.5 | 34997.2 | 38899.2 | 42946.6 |
| -27.5° | 4728.7 | 6862.6 | 9776.8 | 12995.1 | 16193.7 | 19301.7 | 22441.9 | 25416.9 | 28219.3 | 30575.9 | 33304.6 |
| -30° | 3718.9 | 5159.3 | 7410.5 | 9943.0 | 12741.7 | 15480.2 | 18186.2 | 20699.3 | 22906.1 | 24846.4 | 26741.3 |
| -32.5° | 3362.3 | 3950.5 | 5288.3 | 7212.8 | 9420.8 | 11823.3 | 14085.1 | 16243.7 | 18063.1 | 19866.2 | 21564.1 |
| -35° | 3110.3 | 3434.2 | 3871.5 | 5073.7 | 6511.6 | 8423.5 | 10196.5 | 11988.0 | 13516.0 | 15316.8 | 16709.1 |
| -37.5° | 2903.7 | 3153.2 | 3429.7 | 3713.3 | 4587.7 | 5544.9 | 6821.4 | 8164.3 | 9344.7 | 10855.3 | 12084.7 |
| -40° | 2703.7 | 2924.6 | 3140.7 | 3356.3 | 3588.8 | 3802.5 | 4562.3 | 5254.8 | 6055.5 | 7088.8 | 7973.0 |
| -42.5° | 2510.5 | 2704.9 | 2892.0 | 3067.2 | 3229.7 | 3370.0 | 3522.9 | 3669.5 | 4101.8 | 4628.5 | 5033.0 |
| -45° | 2336.9 | 2502.2 | 2658.8 | 2807.0 | 2930.8 | 3043.1 | 3160.9 | 3283.6 | 3444.3 | 3590.4 | 3711.0 |
| -47.5° | 2189.3 | 2320.1 | 2448.4 | 2569.1 | 2664.1 | 2760.0 | 2853.8 | 2959.6 | 3084.8 | 3207.5 | 3310.1 |
| -50° | 2055.8 | 2168.9 | 2266.4 | 2351.9 | 2431.0 | 2512.0 | 2586.7 | 2680.7 | 2781.5 | 2882.9 | 2967.8 |
| -52.5° | 1928.0 | 2028.6 | 2110.0 | 2175.2 | 2235.4 | 2301.5 | 2365.7 | 2440.7 | 2522.5 | 2607.9 | 2675.3 |
| -55° | 1713.2 | 1841.1 | 1959.3 | 2020.4 | 2067.6 | 2122.1 | 2176.6 | 2237.3 | 2306.4 | 2378.1 | 2431.6 |
| -57.5° | 1475.8 | 1602.0 | 1713.4 | 1792.6 | 1871.0 | 1951.0 | 2010.9 | 2058.5 | 2120.9 | 2182.0 | 2228.2 |
| -60° | 1237.3 | 1343.1 | 1441.5 | 1521.7 | 1603.4 | 1683.5 | 1750.9 | 1812.8 | 1890.1 | 1960.3 | 2017.4 |
| -62.5° | 1015.4 | 1107.9 | 1183.9 | 1248.8 | 1318.4 | 1388.0 | 1452.2 | 1513.3 | 1583.5 | 1646.5 | 1700.0 |
| -65° | 813.7 | 891.3 | 947.5 | 998.5 | 1053.9 | 1111.5 | 1162.3 | 1213.0 | 1269.4 | 1319.9 | 1363.7 |
| -67.5° | 657.9 | 709.4 | 744.4 | 776.9 | 820.9 | 865.7 | 905.5 | 945.9 | 988.9 | 1027.2 | 1060.4 |
| -70° | 538.6 | 570.7 | 592.3 | 617.3 | 648.5 | 677.2 | 703.4 | 732.8 | 764.6 | 793.8 | 820.3 |
| -72.5° | 446.5 | 468.6 | 484.7 | 504.6 | 524.5 | 542.7 | 559.2 | 580.4 | 603.5 | 626.1 | 647.5 |
| -75° | 374.0 | 388.3 | 403.8 | 418.1 | 431.8 | 445.0 | 457.2 | 474.2 | 491.9 | 508.9 | 525.2 |
| -77.5° | 335.6 | 346.3 | 354.9 | 362.8 | 370.3 | 378.8 | 387.3 | 401.6 | 417.2 | 430.3 | 442.7 |
| -80° | 305.8 | 314.1 | 321.3 | 327.4 | 333.0 | 339.9 | 347.0 | 358.7 | 371.0 | 382.0 | 392.8 |
| -82.5° | 279.1 | 286.2 | 292.9 | 298.5 | 303.8 | 309.8 | 315.7 | 326.0 | 336.5 | 345.9 | 355.1 |
| -85° | 254.2 | 260.3 | 266.2 | 271.2 | 276.1 | 281.6 | 287.1 | 296.1 | 305.1 | 313.4 | 321.6 |
| -87.5° | 231.7 | 237.2 | 242.7 | 246.4 | 250.1 | 255.4 | 260.7 | 268.7 | 276.6 | 284.0 | 291.4 |
| -90° | 3.3 | 3.3 | 3.3 | 2.8 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 1.7 | 1.1 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 271.9 | 275.2 | 275.8 | 276.3 | 275.8 | 275.2 | 271.9 | 268.6 | 262.5 | 256.4 | 249.2 |
| 87.5° | 1.6 | 1.1 | 1.6 | 2.2 | 1.6 | 1.1 | 1.6 | 2.2 | 2.2 | 2.2 | 2.7 |
| 85° | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.3 |
| 82.5° | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.8 |
| 80° | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.9 |
| 77.5° | 2.8 | 2.2 | 2.7 | 3.3 | 2.7 | 2.2 | 2.8 | 3.3 | 3.3 | 3.4 | 3.9 |
| 75° | 4.9 | 4.4 | 3.9 | 3.3 | 3.9 | 4.4 | 4.9 | 5.4 | 5.7 | 6.0 | 6.3 |
| 72.5° | 14.9 | 15.2 | 15.9 | 16.6 | 15.9 | 15.2 | 14.9 | 14.3 | 13.3 | 12.5 | 12.0 |
| 70° | 17.7 | 16.7 | 16.6 | 16.6 | 16.6 | 16.7 | 17.7 | 18.4 | 18.0 | 17.7 | 17.6 |
| 67.5° | 31.7 | 33.5 | 34.1 | 34.3 | 34.1 | 33.5 | 31.7 | 29.6 | 26.7 | 24.7 | 23.6 |
| 65° | 30.8 | 32.0 | 32.1 | 32.1 | 32.1 | 32.0 | 30.8 | 29.7 | 28.3 | 27.1 | 26.2 |
| 62.5° | 20.6 | 21.2 | 21.6 | 22.1 | 21.6 | 21.2 | 20.6 | 20.2 | 20.1 | 20.5 | 21.1 |
| 60° | 11.5 | 12.3 | 12.8 | 13.3 | 12.8 | 12.3 | 11.5 | 11.0 | 10.8 | 10.9 | 11.6 |
| 57.5° | 5.4 | 5.7 | 6.0 | 6.6 | 6.0 | 5.7 | 5.4 | 5.4 | 5.6 | 5.8 | 5.8 |
| 55° | 11.2 | 11.8 | 12.1 | 12.2 | 12.1 | 11.8 | 11.2 | 10.7 | 10.0 | 10.1 | 10.7 |
| 52.5° | 52.4 | 49.9 | 47.9 | 46.4 | 47.9 | 49.9 | 52.4 | 53.4 | 51.5 | 47.3 | 42.0 |
| 50° | 202.5 | 197.6 | 192.0 | 186.8 | 192.0 | 197.6 | 202.5 | 198.3 | 188.0 | 171.3 | 152.1 |
| 47.5° | 451.9 | 447.9 | 439.5 | 428.8 | 439.5 | 447.9 | 451.9 | 442.9 | 427.8 | 405.3 | 388.5 |
| 45° | 763.7 | 785.8 | 795.7 | 790.2 | 795.7 | 785.8 | 763.7 | 731.2 | 707.5 | 687.5 | 669.2 |
| 42.5° | 1240.0 | 1259.5 | 1261.2 | 1232.3 | 1261.2 | 1259.5 | 1240.0 | 1209.8 | 1121.3 | 1009.8 | 931.8 |
| 40° | 2453.8 | 2623.9 | 2682.2 | 2506.7 | 2682.2 | 2623.9 | 2453.8 | 2249.8 | 1967.8 | 1649.6 | 1436.5 |
| 37.5° | 4349.0 | 5017.1 | 5574.4 | 5595.8 | 5574.4 | 5017.1 | 4349.0 | 3789.0 | 3324.5 | 2864.4 | 2454.2 |
| 35° | 7048.3 | 7735.6 | 8068.0 | 8053.9 | 8068.0 | 7735.6 | 7048.3 | 6036.9 | 5095.8 | 4453.5 | 3856.5 |
| 32.5° | 9906.5 | 10427.2 | 10760.1 | 10679.9 | 10760.1 | 10427.2 | 9906.5 | 8873.8 | 7436.4 | 6256.2 | 5510.6 |
| 30° | 13079.7 | 13562.8 | 13950.7 | 13944.8 | 13950.7 | 13562.8 | 13079.7 | 12206.3 | 10983.5 | 9502.7 | 7829.9 |
| 27.5° | 18073.6 | 19069.2 | 19860.5 | 19726.3 | 19860.5 | 19069.2 | 18073.6 | 16561.6 | 14704.0 | 13105.2 | 11305.4 |
| 25° | 25794.2 | 27615.3 | 28902.8 | 28637.9 | 28902.8 | 27615.3 | 25794.2 | 23517.7 | 20818.8 | 18413.0 | 15677.6 |
| 22.5° | 37199.5 | 39535.7 | 40512.5 | 39737.8 | 40512.5 | 39535.7 | 37199.5 | 34411.8 | 30656.6 | 26435.7 | 22635.8 |
| 20° | 55056.1 | 59387.3 | 62080.0 | 60474.3 | 62080.0 | 59387.3 | 55056.1 | 49714.1 | 44106.6 | 37456.6 | 31601.1 |
| 17.5° | 82642.6 | 92038.7 | 99462.9 | 99258.2 | 99462.9 | 92038.7 | 82642.6 | 70757.4 | 61574.7 | 51644.6 | 42589.8 |
| 15° | 115887.0 | 126581.7 | 134816.5 | 135768.7 | 134816.5 | 126581.7 | 115887.0 | 100435.6 | 82688.6 | 68091.0 | 54849.1 |
| 12.5° | 145653.9 | 156530.4 | 164589.0 | 166907.8 | 164589.0 | 156530.4 | 145653.9 | 127844.1 | 107225.4 | 85208.1 | 67053.9 |
| 10° | 166868.6 | 177722.7 | 185522.6 | 188273.1 | 185522.6 | 177722.7 | 166868.6 | 151222.3 | 128595.2 | 103088.9 | 78634.3 |
| 7.5° | 182431.5 | 194207.2 | 200054.0 | 203042.5 | 200054.0 | 194207.2 | 182431.5 | 166369.2 | 145619.2 | 119458.2 | 92551.7 |
| 5° | 193630.1 | 204574.1 | 210230.4 | 213851.7 | 210230.4 | 204574.1 | 193630.1 | 177728.9 | 158234.4 | 132611.4 | 103331.4 |
| 2.5° | 200689.4 | 211021.6 | 217814.1 | 221062.3 | 217814.1 | 211021.6 | 200689.4 | 185954.9 | 165964.7 | 140712.0 | 109997.3 |
| 0° | 202967.9 | 212886.8 | 220500.3 | 223412.0 | 220500.3 | 212886.8 | 202967.9 | 188973.9 | 168598.8 | 144007.2 | 112938.9 |
| -2.5° | 201908.1 | 211624.5 | 217696.8 | 218873.9 | 217696.8 | 211624.5 | 201908.1 | 188699.5 | 169497.2 | 144574.8 | 114471.9 |
| -5° | 196392.8 | 205348.2 | 210955.3 | 211876.6 | 210955.3 | 205348.2 | 196392.8 | 183391.4 | 164723.6 | 139158.7 | 110086.1 |
| -7.5° | 186884.7 | 195818.1 | 200452.7 | 201817.3 | 200452.7 | 195818.1 | 186884.7 | 173422.9 | 155350.9 | 129736.7 | 101846.5 |
| -10° | 173098.8 | 181729.4 | 186682.7 | 187857.6 | 186682.7 | 181729.4 | 173098.8 | 159729.9 | 139649.6 | 115701.9 | 89611.7 |
| -12.5° | 154287.7 | 163494.8 | 169038.6 | 170260.0 | 169038.6 | 163494.8 | 154287.7 | 139655.9 | 120833.6 | 97737.7 | 79090.8 |
| -15° | 129895.2 | 139365.9 | 146443.0 | 148155.2 | 146443.0 | 139365.9 | 129895.2 | 116276.3 | 97929.6 | 81987.0 | 67694.7 |
| -17.5° | 101777.9 | 111255.2 | 117614.6 | 118828.7 | 117614.6 | 111255.2 | 101777.9 | 89684.9 | 78906.3 | 67174.0 | 56857.6 |
| -20° | 77561.4 | 83656.7 | 87245.9 | 87871.0 | 87245.9 | 83656.7 | 77561.4 | 70600.9 | 63192.2 | 54818.6 | 46822.1 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 60105.4 | 64202.1 | 66387.2 | 66695.7 | 66387.2 | 64202.1 | 60105.4 | 55598.8 | 50084.4 | 44022.2 | 37847.0 |
| -25° | 46575.9 | 49552.5 | 51180.2 | 51451.1 | 51180.2 | 49552.5 | 46575.9 | 42946.6 | 38899.2 | 34997.2 | 30553.5 |
| -27.5° | 35762.3 | 37611.4 | 39125.8 | 38810.5 | 39125.8 | 37611.4 | 35762.3 | 33304.6 | 30575.9 | 28219.3 | 25416.9 |
| -30° | 28298.2 | 29484.2 | 30378.7 | 30144.3 | 30378.7 | 29484.2 | 28298.2 | 26741.3 | 24846.4 | 22906.1 | 20699.3 |
| -32.5° | 22903.6 | 23832.8 | 24461.6 | 24629.2 | 24461.6 | 23832.8 | 22903.6 | 21564.1 | 19866.2 | 18063.1 | 16243.7 |
| -35° | 17801.8 | 18561.0 | 18996.8 | 19166.0 | 18996.8 | 18561.0 | 17801.8 | 16709.1 | 15316.8 | 13516.0 | 11988.0 |
| -37.5° | 12997.1 | 13663.0 | 14078.8 | 14223.3 | 14078.8 | 13663.0 | 12997.1 | 12084.7 | 10855.3 | 9344.7 | 8164.3 |
| -40° | 8649.9 | 9163.1 | 9503.7 | 9635.5 | 9503.7 | 9163.1 | 8649.9 | 7973.0 | 7088.8 | 6055.5 | 5254.8 |
| -42.5° | 5348.2 | 5588.4 | 5740.4 | 5788.1 | 5740.4 | 5588.4 | 5348.2 | 5033.0 | 4628.5 | 4101.8 | 3669.5 |
| -45° | 3804.3 | 3870.6 | 3908.6 | 3915.9 | 3908.6 | 3870.6 | 3804.3 | 3711.0 | 3590.4 | 3444.3 | 3283.6 |
| -47.5° | 3390.2 | 3442.5 | 3469.3 | 3470.5 | 3469.3 | 3442.5 | 3390.2 | 3310.1 | 3207.5 | 3084.8 | 2959.6 |
| -50° | 3037.8 | 3086.3 | 3110.8 | 3112.4 | 3110.8 | 3086.3 | 3037.8 | 2967.8 | 2882.9 | 2781.5 | 2680.7 |
| -52.5° | 2730.5 | 2769.1 | 2787.0 | 2787.4 | 2787.0 | 2769.1 | 2730.5 | 2675.3 | 2607.9 | 2522.5 | 2440.7 |
| -55° | 2475.5 | 2505.5 | 2516.6 | 2514.4 | 2516.6 | 2505.5 | 2475.5 | 2431.6 | 2378.1 | 2306.4 | 2237.3 |
| -57.5° | 2266.7 | 2296.1 | 2305.4 | 2302.2 | 2305.4 | 2296.1 | 2266.7 | 2228.2 | 2182.0 | 2120.9 | 2058.5 |
| -60° | 2062.0 | 2093.4 | 2105.3 | 2104.4 | 2105.3 | 2093.4 | 2062.0 | 2017.4 | 1960.3 | 1890.1 | 1812.8 |
| -62.5° | 1738.3 | 1762.4 | 1775.4 | 1779.4 | 1775.4 | 1762.4 | 1738.3 | 1700.0 | 1646.5 | 1583.5 | 1513.3 |
| -65° | 1393.9 | 1413.3 | 1423.6 | 1426.9 | 1423.6 | 1413.3 | 1393.9 | 1363.7 | 1319.9 | 1269.4 | 1213.0 |
| -67.5° | 1081.9 | 1095.8 | 1102.4 | 1104.1 | 1102.4 | 1095.8 | 1081.9 | 1060.4 | 1027.2 | 988.9 | 945.9 |
| -70° | 836.8 | 848.1 | 853.5 | 855.5 | 853.5 | 848.1 | 836.8 | 820.3 | 793.8 | 764.6 | 732.8 |
| -72.5° | 659.9 | 669.0 | 672.7 | 674.2 | 672.7 | 669.0 | 659.9 | 647.5 | 626.1 | 603.5 | 580.4 |
| -75° | 532.9 | 538.3 | 540.5 | 541.6 | 540.5 | 538.3 | 532.9 | 525.2 | 508.9 | 491.9 | 474.2 |
| -77.5° | 449.4 | 455.2 | 457.3 | 458.7 | 457.3 | 455.2 | 449.4 | 442.7 | 430.3 | 417.2 | 401.6 |
| -80° | 397.6 | 401.7 | 403.2 | 404.5 | 403.2 | 401.7 | 397.6 | 392.8 | 382.0 | 371.0 | 358.7 |
| -82.5° | 360.9 | 366.4 | 366.8 | 366.9 | 366.8 | 366.4 | 360.9 | 355.1 | 345.9 | 336.5 | 326.0 |
| -85° | 326.0 | 330.2 | 331.0 | 331.6 | 331.0 | 330.2 | 326.0 | 321.6 | 313.4 | 305.1 | 296.1 |
| -87.5° | 295.4 | 299.4 | 299.5 | 299.5 | 299.5 | 299.4 | 295.4 | 291.4 | 284.0 | 276.6 | 268.7 |
| -90° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.7 | 2.2 | 2.2 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 90° | 242.0 | 237.1 | 232.1 | 228.8 | 225.5 | 220.5 | 215.5 | 208.4 | 201.2 | 194.0 | 186.8 |
| 87.5° | 3.2 | 3.2 | 3.2 | 3.2 | 3.3 | 3.8 | 4.2 | 4.3 | 4.4 | 4.4 | 4.4 |
| 85° | 3.3 | 3.8 | 4.2 | 4.2 | 4.1 | 4.2 | 4.4 | 4.7 | 5.0 | 4.9 | 4.9 |
| 82.5° | 4.2 | 4.3 | 4.4 | 4.4 | 4.4 | 4.7 | 4.9 | 5.2 | 5.5 | 5.6 | 5.7 |
| 80° | 4.4 | 4.4 | 4.4 | 4.7 | 5.0 | 5.2 | 5.5 | 5.6 | 5.7 | 6.1 | 6.4 |
| 77.5° | 4.4 | 4.4 | 4.5 | 5.1 | 5.5 | 5.6 | 5.7 | 6.2 | 6.4 | 6.5 | 6.6 |
| 75° | 6.5 | 6.2 | 6.0 | 6.1 | 6.3 | 6.4 | 6.5 | 6.5 | 6.7 | 6.9 | 6.8 |
| 72.5° | 11.7 | 11.4 | 10.9 | 10.3 | 9.7 | 10.0 | 10.0 | 9.4 | 8.8 | 8.2 | 7.6 |
| 70° | 17.8 | 18.4 | 19.0 | 19.0 | 19.0 | 19.0 | 17.6 | 15.6 | 13.8 | 13.1 | 11.2 |
| 67.5° | 23.6 | 24.2 | 25.9 | 28.3 | 28.1 | 27.7 | 26.6 | 24.9 | 22.3 | 19.9 | 16.3 |
| 65° | 26.8 | 28.1 | 28.2 | 28.0 | 30.0 | 31.8 | 33.9 | 33.1 | 32.9 | 29.4 | 23.2 |
| 62.5° | 22.9 | 25.4 | 24.5 | 24.1 | 26.7 | 32.0 | 40.3 | 44.0 | 46.0 | 42.8 | 35.0 |
| 60° | 13.5 | 15.2 | 16.2 | 18.0 | 21.2 | 30.1 | 43.3 | 52.7 | 60.9 | 55.4 | 46.3 |
| 57.5° | 6.6 | 7.9 | 10.2 | 13.3 | 16.9 | 28.7 | 43.7 | 56.7 | 65.9 | 62.4 | 56.5 |
| 55° | 11.0 | 12.6 | 13.7 | 15.0 | 16.4 | 29.0 | 42.4 | 55.7 | 65.7 | 64.6 | 59.6 |
| 52.5° | 34.1 | 39.6 | 39.4 | 32.2 | 33.3 | 40.7 | 43.9 | 57.8 | 67.0 | 68.1 | 64.1 |
| 50° | 141.0 | 146.5 | 127.4 | 105.3 | 105.3 | 83.3 | 86.7 | 83.3 | 80.5 | 82.6 | 74.7 |
| 47.5° | 375.2 | 356.6 | 314.4 | 281.1 | 251.5 | 218.6 | 202.7 | 164.3 | 156.3 | 120.5 | 114.3 |
| 45° | 641.5 | 612.8 | 563.4 | 507.6 | 459.7 | 417.0 | 377.5 | 346.4 | 287.1 | 255.7 | 180.3 |
| 42.5° | 891.7 | 846.2 | 788.6 | 728.2 | 671.0 | 607.6 | 560.5 | 524.1 | 483.8 | 423.2 | 357.2 |
| 40° | 1265.4 | 1064.7 | 991.8 | 920.6 | 844.4 | 770.8 | 717.2 | 662.2 | 633.6 | 586.0 | 522.0 |
| 37.5° | 1980.6 | 1542.3 | 1325.0 | 1110.3 | 1016.8 | 934.7 | 872.7 | 816.2 | 761.7 | 719.9 | 659.6 |
| 35° | 3153.2 | 2524.7 | 1945.3 | 1547.9 | 1233.5 | 1123.6 | 1042.3 | 977.7 | 910.4 | 842.9 | 786.0 |
| 32.5° | 4626.6 | 3846.8 | 3023.8 | 2311.2 | 1739.8 | 1384.6 | 1242.4 | 1150.6 | 1064.5 | 981.3 | 899.8 |
| 30° | 6398.1 | 5420.5 | 4378.7 | 3417.1 | 2628.2 | 1946.2 | 1500.5 | 1345.9 | 1229.5 | 1124.8 | 1017.8 |
| 27.5° | 9452.1 | 7402.3 | 6140.0 | 4935.8 | 3936.0 | 2983.9 | 2122.9 | 1563.4 | 1408.8 | 1280.6 | 1153.6 |
| 25° | 13636.7 | 11318.8 | 9037.4 | 7401.1 | 6060.8 | 4433.5 | 3052.3 | 2111.0 | 1624.7 | 1444.5 | 1293.3 |
| 22.5° | 18875.2 | 15756.8 | 12899.4 | 10386.6 | 8429.6 | 6333.6 | 4366.9 | 2717.5 | 1857.4 | 1618.0 | 1440.0 |
| 20° | 25498.2 | 20400.5 | 16827.9 | 13609.9 | 10792.7 | 8138.3 | 5650.0 | 3637.6 | 2369.0 | 1803.3 | 1582.7 |
| 17.5° | 34244.9 | 26720.8 | 21224.4 | 17087.0 | 13505.9 | 10366.6 | 7358.7 | 4790.0 | 2848.0 | 1991.8 | 1723.0 |
| 15° | 43489.0 | 33890.1 | 26420.0 | 20567.7 | 15984.4 | 12336.7 | 9096.2 | 5944.5 | 3516.6 | 2325.7 | 1879.5 |
| 12.5° | 53379.1 | 41749.2 | 31759.2 | 24105.0 | 18329.1 | 14063.7 | 10520.2 | 7203.9 | 4418.8 | 2717.9 | 2012.5 |
| 10° | 61703.9 | 48492.4 | 37214.7 | 28211.5 | 21375.6 | 15985.7 | 11736.8 | 8200.9 | 5139.7 | 3060.4 | 2129.6 |
| 7.5° | 70442.9 | 54174.3 | 41373.0 | 31136.4 | 23724.7 | 18016.6 | 12990.1 | 8941.5 | 5692.5 | 3315.6 | 2219.7 |
| 5° | 76402.8 | 57944.2 | 44195.6 | 33125.6 | 25207.0 | 19401.4 | 14172.1 | 9455.5 | 6042.9 | 3489.7 | 2295.1 |
| 2.5° | 80138.8 | 59993.1 | 45721.5 | 34607.0 | 25987.6 | 20097.9 | 15098.0 | 10105.9 | 6339.1 | 3645.1 | 2370.7 |
| 0° | 82280.7 | 61873.5 | 46987.0 | 35533.5 | 26420.8 | 20475.7 | 15578.4 | 10860.1 | 6538.6 | 3749.0 | 2431.5 |
| -2.5° | 84061.7 | 62213.7 | 46697.9 | 34818.4 | 26152.6 | 20293.4 | 15472.0 | 11147.3 | 6969.8 | 3854.2 | 2496.5 |
| -5° | 82127.8 | 61358.4 | 45662.2 | 33939.9 | 25784.5 | 20006.1 | 15248.5 | 11063.7 | 7088.4 | 3899.5 | 2542.6 |
| -7.5° | 77551.8 | 58809.4 | 43945.6 | 32654.7 | 25050.2 | 19525.2 | 14831.8 | 10589.6 | 6796.1 | 3920.0 | 2604.2 |
| -10° | 70639.2 | 54705.0 | 41052.8 | 30912.7 | 23996.5 | 18782.2 | 14218.9 | 10044.1 | 6401.6 | 3835.8 | 2644.0 |
| -12.5° | 63327.0 | 49590.1 | 37558.9 | 28477.9 | 22534.7 | 17731.2 | 13347.7 | 9294.3 | 5859.7 | 3644.0 | 2673.9 |
| -15° | 55465.7 | 43883.8 | 34025.9 | 26432.8 | 20825.2 | 16361.7 | 12239.1 | 8337.1 | 5159.3 | 3367.0 | 2679.0 |
| -17.5° | 47315.4 | 38153.6 | 29882.9 | 23742.0 | 18907.7 | 14751.1 | 10878.5 | 7374.0 | 4650.4 | 3160.1 | 2664.3 |
| -20° | 39108.0 | 32448.0 | 26473.9 | 21212.0 | 16715.4 | 12798.3 | 9256.2 | 6206.1 | 4130.1 | 3109.5 | 2658.0 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| -22.5° | 32111.3 | 27638.0 | 23077.9 | 18504.5 | 14572.8 | 10840.1 | 7608.8 | 5043.4 | 3502.6 | 3000.1 | 2618.6 |
| -25° | 26991.9 | 23359.9 | 19635.1 | 15964.4 | 12276.6 | 8806.0 | 5953.4 | 4213.8 | 3291.7 | 2898.7 | 2546.5 |
| -27.5° | 22441.9 | 19301.7 | 16193.7 | 12995.1 | 9776.8 | 6862.6 | 4728.7 | 3473.6 | 3080.9 | 2763.4 | 2473.4 |
| -30° | 18186.2 | 15480.2 | 12741.7 | 9943.0 | 7410.5 | 5159.3 | 3718.9 | 3237.1 | 2904.4 | 2618.7 | 2358.7 |
| -32.5° | 14085.1 | 11823.3 | 9420.8 | 7212.8 | 5288.3 | 3950.5 | 3362.3 | 3009.8 | 2734.6 | 2482.7 | 2250.7 |
| -35° | 10196.5 | 8423.5 | 6511.6 | 5073.7 | 3871.5 | 3434.2 | 3110.3 | 2831.9 | 2576.3 | 2346.1 | 2140.6 |
| -37.5° | 6821.4 | 5544.9 | 4587.7 | 3713.3 | 3429.7 | 3153.2 | 2903.7 | 2657.7 | 2420.0 | 2222.9 | 2042.0 |
| -40° | 4562.3 | 3802.5 | 3588.8 | 3356.3 | 3140.7 | 2924.6 | 2703.7 | 2481.6 | 2287.5 | 2107.2 | 1948.1 |
| -42.5° | 3522.9 | 3370.0 | 3229.7 | 3067.2 | 2892.0 | 2704.9 | 2510.5 | 2328.5 | 2158.3 | 2005.2 | 1862.9 |
| -45° | 3160.9 | 3043.1 | 2930.8 | 2807.0 | 2658.8 | 2502.2 | 2336.9 | 2185.5 | 2040.5 | 1908.0 | 1778.1 |
| -47.5° | 2853.8 | 2760.0 | 2664.1 | 2569.1 | 2448.4 | 2320.1 | 2189.3 | 2055.8 | 1933.8 | 1804.9 | 1620.4 |
| -50° | 2586.7 | 2512.0 | 2431.0 | 2351.9 | 2266.4 | 2168.9 | 2055.8 | 1942.0 | 1802.9 | 1628.2 | 1455.3 |
| -52.5° | 2365.7 | 2301.5 | 2235.4 | 2175.2 | 2110.0 | 2028.6 | 1928.0 | 1772.3 | 1611.9 | 1445.3 | 1282.9 |
| -55° | 2176.6 | 2122.1 | 2067.6 | 2020.4 | 1959.3 | 1841.1 | 1713.2 | 1563.2 | 1406.9 | 1253.2 | 1113.7 |
| -57.5° | 2010.9 | 1951.0 | 1871.0 | 1792.6 | 1713.4 | 1602.0 | 1475.8 | 1335.0 | 1201.2 | 1072.5 | 946.1 |
| -60° | 1750.9 | 1683.5 | 1603.4 | 1521.7 | 1441.5 | 1343.1 | 1237.3 | 1123.3 | 1004.3 | 898.5 | 793.5 |
| -62.5° | 1452.2 | 1388.0 | 1318.4 | 1248.8 | 1183.9 | 1107.9 | 1015.4 | 924.2 | 827.8 | 734.0 | 658.3 |
| -65° | 1162.3 | 1111.5 | 1053.9 | 998.5 | 947.5 | 891.3 | 813.7 | 744.3 | 675.8 | 605.8 | 539.9 |
| -67.5° | 905.5 | 865.7 | 820.9 | 776.9 | 744.4 | 709.4 | 657.9 | 601.4 | 551.6 | 506.2 | 464.2 |
| -70° | 703.4 | 677.2 | 648.5 | 617.3 | 592.3 | 570.7 | 538.6 | 500.9 | 461.8 | 426.5 | 394.2 |
| -72.5° | 559.2 | 542.7 | 524.5 | 504.6 | 484.7 | 468.6 | 446.5 | 418.8 | 389.8 | 358.8 | 333.3 |
| -75° | 457.2 | 445.0 | 431.8 | 418.1 | 403.8 | 388.3 | 374.0 | 357.5 | 339.7 | 320.7 | 303.2 |
| -77.5° | 387.3 | 378.8 | 370.3 | 362.8 | 354.9 | 346.3 | 335.6 | 321.0 | 307.0 | 292.3 | 278.6 |
| -80° | 347.0 | 339.9 | 333.0 | 327.4 | 321.3 | 314.1 | 305.8 | 293.6 | 281.2 | 268.6 | 256.7 |
| -82.5° | 315.7 | 309.8 | 303.8 | 298.5 | 292.9 | 286.2 | 279.1 | 268.7 | 258.1 | 247.0 | 236.1 |
| -85° | 287.1 | 281.6 | 276.1 | 271.2 | 266.2 | 260.3 | 254.2 | 245.1 | 235.9 | 226.0 | 216.1 |
| -87.5° | 260.7 | 255.4 | 250.1 | 246.4 | 242.7 | 237.2 | 231.7 | 224.0 | 216.3 | 207.7 | 199.2 |
| -90° | 2.2 | 2.2 | 2.2 | 2.8 | 3.3 | 3.3 | 3.3 | 3.9 | 4.4 | 4.4 | 4.4 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 90° | 180.2 | 173.5 | 166.9 | 160.3 | 154.8 | 149.2 | 143.1 | 137.0 | 128.8 | 120.5 | 107.8 |
| 87.5° | 4.8 | 5.1 | 5.6 | 6.1 | 6.1 | 6.1 | 6.6 | 7.1 | 7.0 | 7.0 | 7.5 |
| 85° | 5.4 | 5.8 | 6.2 | 6.6 | 6.6 | 6.6 | 7.1 | 7.5 | 7.4 | 7.4 | 7.8 |
| 82.5° | 6.1 | 6.5 | 6.5 | 6.6 | 7.0 | 7.2 | 7.6 | 8.0 | 7.9 | 7.8 | 8.2 |
| 80° | 6.5 | 6.7 | 6.9 | 7.0 | 7.3 | 7.8 | 8.2 | 8.5 | 8.6 | 8.6 | 8.7 |
| 77.5° | 6.6 | 6.7 | 7.3 | 7.6 | 7.6 | 7.8 | 8.4 | 8.9 | 9.3 | 9.3 | 9.4 |
| 75° | 6.6 | 6.8 | 7.4 | 7.8 | 7.8 | 7.9 | 8.4 | 9.1 | 9.7 | 10.1 | 10.1 |
| 72.5° | 7.4 | 7.4 | 7.7 | 8.0 | 8.3 | 8.6 | 8.9 | 9.3 | 10.1 | 10.6 | 10.8 |
| 70° | 9.4 | 8.4 | 8.4 | 8.9 | 9.1 | 9.4 | 9.9 | 10.2 | 10.5 | 11.1 | 11.4 |
| 67.5° | 12.3 | 11.0 | 10.1 | 10.0 | 10.3 | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 | 12.1 |
| 65° | 19.2 | 15.6 | 12.2 | 12.0 | 11.9 | 11.9 | 12.1 | 12.6 | 12.4 | 13.1 | 12.7 |
| 62.5° | 27.7 | 22.2 | 18.6 | 15.5 | 14.5 | 15.2 | 13.5 | 15.0 | 13.8 | 14.6 | 14.2 |
| 60° | 37.5 | 29.8 | 25.9 | 22.8 | 20.4 | 20.0 | 19.1 | 17.9 | 17.5 | 16.3 | 16.1 |
| 57.5° | 45.8 | 36.7 | 34.4 | 31.0 | 29.6 | 27.5 | 26.3 | 24.1 | 21.7 | 20.3 | 18.2 |
| 55° | 52.3 | 44.7 | 43.7 | 40.8 | 40.1 | 37.1 | 35.3 | 32.4 | 27.4 | 25.2 | 20.6 |
| 52.5° | 56.0 | 55.0 | 54.0 | 53.9 | 53.2 | 48.8 | 46.8 | 41.3 | 37.0 | 30.4 | 25.5 |
| 50° | 65.3 | 69.0 | 67.6 | 70.9 | 68.4 | 66.0 | 59.2 | 53.5 | 47.3 | 37.3 | 30.9 |
| 47.5° | 96.4 | 99.2 | 91.6 | 94.0 | 89.4 | 86.0 | 77.4 | 67.3 | 58.2 | 47.4 | 36.4 |
| 45° | 178.0 | 149.2 | 140.3 | 129.7 | 119.1 | 114.5 | 99.3 | 82.1 | 71.8 | 58.1 | 42.2 |
| 42.5° | 291.3 | 251.3 | 224.0 | 172.6 | 168.7 | 149.5 | 125.8 | 105.9 | 86.0 | 69.3 | 50.4 |
| 40° | 445.5 | 392.2 | 333.4 | 278.9 | 230.7 | 189.4 | 164.9 | 133.3 | 100.9 | 81.6 | 60.5 |
| 37.5° | 593.6 | 533.0 | 473.0 | 399.4 | 312.5 | 256.2 | 209.5 | 163.2 | 120.3 | 95.8 | 70.7 |
| 35° | 715.9 | 656.8 | 600.3 | 521.3 | 430.9 | 326.5 | 258.3 | 199.3 | 147.9 | 110.6 | 81.1 |
| 32.5° | 826.1 | 757.8 | 691.0 | 626.8 | 529.2 | 398.3 | 317.7 | 240.5 | 176.2 | 125.9 | 91.6 |
| 30° | 931.5 | 848.5 | 770.6 | 708.5 | 607.0 | 479.0 | 376.4 | 279.8 | 205.0 | 141.7 | 102.3 |
| 27.5° | 1040.8 | 939.5 | 847.4 | 775.0 | 670.1 | 548.4 | 422.6 | 317.0 | 234.2 | 159.1 | 113.9 |
| 25° | 1158.0 | 1039.0 | 936.8 | 844.9 | 733.7 | 600.0 | 463.8 | 352.4 | 264.6 | 179.1 | 125.0 |
| 22.5° | 1282.1 | 1138.5 | 1023.1 | 919.8 | 803.9 | 650.2 | 504.0 | 388.6 | 288.2 | 197.9 | 135.5 |
| 20° | 1399.5 | 1231.3 | 1101.9 | 982.0 | 871.2 | 707.1 | 545.3 | 417.9 | 310.3 | 215.2 | 145.5 |
| 17.5° | 1516.3 | 1320.8 | 1163.0 | 1036.7 | 928.4 | 765.8 | 587.8 | 445.2 | 330.7 | 231.2 | 154.8 |
| 15° | 1626.3 | 1407.9 | 1224.3 | 1085.0 | 974.3 | 821.1 | 629.2 | 471.0 | 349.5 | 245.8 | 164.2 |
| 12.5° | 1728.3 | 1490.0 | 1284.8 | 1126.6 | 1008.4 | 870.8 | 668.8 | 494.9 | 366.5 | 260.5 | 173.7 |
| 10° | 1819.8 | 1567.2 | 1343.9 | 1166.3 | 1038.0 | 914.8 | 706.0 | 521.2 | 388.4 | 275.0 | 182.6 |
| 7.5° | 1895.1 | 1637.8 | 1398.4 | 1204.0 | 1064.9 | 952.6 | 746.3 | 554.9 | 410.0 | 288.1 | 190.8 |
| 5° | 1959.6 | 1701.5 | 1452.5 | 1248.1 | 1095.9 | 983.3 | 782.9 | 586.6 | 430.1 | 299.7 | 198.3 |
| 2.5° | 2017.9 | 1757.4 | 1503.4 | 1290.0 | 1124.7 | 1007.7 | 814.9 | 615.9 | 448.3 | 309.8 | 205.1 |
| 0° | 2065.7 | 1803.8 | 1547.3 | 1327.4 | 1150.6 | 1026.8 | 842.2 | 642.1 | 464.2 | 318.3 | 211.1 |
| -2.5° | 2108.9 | 1836.7 | 1583.6 | 1366.6 | 1193.7 | 1055.3 | 858.9 | 655.2 | 477.3 | 329.5 | 218.3 |
| -5° | 2140.5 | 1860.8 | 1612.9 | 1400.9 | 1232.4 | 1078.3 | 870.8 | 664.8 | 487.7 | 338.8 | 224.7 |
| -7.5° | 2190.4 | 1888.7 | 1639.1 | 1431.0 | 1265.5 | 1095.0 | 877.8 | 670.9 | 495.3 | 346.0 | 230.0 |
| -10° | 2229.2 | 1914.4 | 1663.4 | 1455.8 | 1287.2 | 1109.0 | 881.4 | 673.4 | 500.1 | 351.1 | 234.4 |
| -12.5° | 2259.5 | 1932.9 | 1679.6 | 1474.1 | 1304.5 | 1121.0 | 890.9 | 676.4 | 501.9 | 353.7 | 237.6 |
| -15° | 2282.4 | 1960.0 | 1696.5 | 1486.8 | 1318.9 | 1127.1 | 893.4 | 676.3 | 499.6 | 353.3 | 239.7 |
| -17.5° | 2289.7 | 1970.4 | 1705.0 | 1496.6 | 1329.0 | 1127.5 | 888.4 | 670.6 | 494.1 | 349.8 | 241.1 |
| -20° | 2293.3 | 1974.6 | 1701.8 | 1497.6 | 1332.1 | 1114.3 | 875.5 | 659.0 | 485.2 | 344.3 | 241.8 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2282.7 | 1976.4 | 1712.9 | 1496.0 | 1321.3 | 1093.4 | 854.5 | 641.9 | 472.8 | 336.6 | 241.5 |
| -25° | 2238.1 | 1967.2 | 1715.0 | 1501.3 | 1293.3 | 1063.8 | 831.9 | 623.9 | 456.9 | 326.9 | 240.0 |
| -27.5° | 2184.3 | 1932.7 | 1704.5 | 1494.7 | 1264.6 | 1029.3 | 807.6 | 608.6 | 443.3 | 315.1 | 237.6 |
| -30° | 2124.9 | 1893.0 | 1679.8 | 1470.5 | 1226.1 | 991.8 | 778.2 | 588.5 | 430.7 | 308.0 | 234.1 |
| -32.5° | 2040.8 | 1846.8 | 1647.1 | 1419.8 | 1178.4 | 947.7 | 742.9 | 563.4 | 414.7 | 303.9 | 231.0 |
| -35° | 1959.1 | 1790.5 | 1607.1 | 1358.1 | 1122.4 | 902.9 | 704.6 | 533.0 | 395.4 | 298.0 | 227.5 |
| -37.5° | 1872.6 | 1720.7 | 1528.6 | 1286.5 | 1056.7 | 851.3 | 665.7 | 504.1 | 372.8 | 290.5 | 222.9 |
| -40° | 1794.6 | 1627.7 | 1420.1 | 1205.4 | 988.2 | 791.9 | 621.6 | 475.8 | 358.3 | 281.3 | 217.1 |
| -42.5° | 1712.0 | 1503.0 | 1305.1 | 1110.1 | 913.3 | 734.0 | 574.1 | 444.2 | 346.3 | 272.4 | 210.0 |
| -45° | 1576.4 | 1374.7 | 1183.1 | 1007.3 | 832.2 | 670.1 | 534.4 | 412.1 | 332.0 | 262.8 | 204.0 |
| -47.5° | 1433.3 | 1242.3 | 1061.6 | 899.5 | 753.6 | 605.3 | 488.5 | 393.3 | 315.7 | 251.8 | 200.4 |
| -50° | 1284.3 | 1109.3 | 942.4 | 797.9 | 663.6 | 550.4 | 444.6 | 371.9 | 301.0 | 239.2 | 196.2 |
| -52.5° | 1130.5 | 977.0 | 829.6 | 695.9 | 589.9 | 491.7 | 414.4 | 347.3 | 284.6 | 230.8 | 191.3 |
| -55° | 977.1 | 849.5 | 718.1 | 608.1 | 518.1 | 448.1 | 381.9 | 323.7 | 266.4 | 223.9 | 186.2 |
| -57.5° | 833.9 | 722.0 | 621.6 | 529.1 | 460.6 | 405.7 | 350.9 | 298.4 | 254.8 | 216.1 | 183.2 |
| -60° | 695.8 | 614.8 | 530.1 | 466.4 | 411.8 | 365.1 | 320.1 | 275.9 | 244.5 | 208.3 | 179.4 |
| -62.5° | 582.5 | 515.6 | 465.7 | 412.3 | 366.2 | 327.4 | 290.8 | 261.6 | 232.6 | 202.7 | 174.9 |
| -65° | 493.5 | 450.1 | 405.8 | 364.3 | 324.3 | 293.8 | 273.5 | 246.7 | 223.0 | 196.5 | 169.9 |
| -67.5° | 423.4 | 388.4 | 354.0 | 317.6 | 292.9 | 273.9 | 255.1 | 234.9 | 213.9 | 189.8 | 164.4 |
| -70° | 361.7 | 330.6 | 309.7 | 290.8 | 271.3 | 254.4 | 241.3 | 224.2 | 204.5 | 182.7 | 158.4 |
| -72.5° | 315.7 | 299.4 | 283.5 | 266.9 | 253.2 | 240.5 | 228.3 | 213.2 | 195.0 | 175.1 | 152.1 |
| -75° | 287.4 | 274.5 | 262.5 | 250.0 | 238.0 | 226.5 | 215.1 | 201.8 | 185.1 | 167.2 | 145.5 |
| -77.5° | 267.3 | 256.2 | 244.5 | 233.2 | 222.8 | 212.3 | 201.8 | 190.1 | 174.9 | 158.9 | 138.7 |
| -80° | 247.2 | 237.4 | 227.2 | 217.3 | 207.7 | 197.9 | 188.6 | 178.3 | 164.6 | 150.3 | 131.6 |
| -82.5° | 227.2 | 218.4 | 210.0 | 201.4 | 193.0 | 184.5 | 175.8 | 166.4 | 154.0 | 141.3 | 124.9 |
| -85° | 208.6 | 201.0 | 193.2 | 185.3 | 178.2 | 171.1 | 163.3 | 155.5 | 145.0 | 134.5 | 119.4 |
| -87.5° | 192.8 | 186.2 | 179.3 | 172.3 | 166.3 | 160.2 | 153.3 | 146.3 | 136.9 | 127.6 | 113.7 |
| -90° | 4.4 | 4.4 | 5.0 | 5.5 | 5.5 | 5.5 | 6.1 | 6.6 | 6.6 | 6.6 | 7.2 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| 90° | 95.1 | 79.0 | 63.0 | 45.3 | 27.6 | 18.7 | 9.9 |
| 87.5° | 8.0 | 8.1 | 8.1 | 8.0 | 7.9 | 9.0 | 9.9 |
| 85° | 8.3 | 8.4 | 8.5 | 8.3 | 8.1 | 9.2 | 9.9 |
| 82.5° | 8.6 | 8.8 | 8.8 | 8.6 | 8.3 | 9.4 | 9.9 |
| 80° | 8.9 | 9.2 | 9.2 | 8.8 | 8.5 | 9.6 | 9.9 |
| 77.5° | 9.5 | 9.6 | 9.6 | 9.1 | 8.7 | 9.8 | 9.9 |
| 75° | 10.1 | 10.1 | 10.0 | 9.4 | 9.0 | 10.0 | 9.9 |
| 72.5° | 10.8 | 10.6 | 10.4 | 9.7 | 9.2 | 10.2 | 9.9 |
| 70° | 11.4 | 11.1 | 10.8 | 10.0 | 9.5 | 10.4 | 9.9 |
| 67.5° | 12.1 | 11.6 | 11.3 | 10.4 | 9.8 | 10.7 | 9.9 |
| 65° | 13.0 | 12.4 | 11.7 | 10.9 | 10.1 | 10.9 | 9.9 |
| 62.5° | 13.9 | 13.4 | 12.2 | 11.3 | 10.4 | 11.1 | 9.9 |
| 60° | 14.9 | 14.4 | 12.8 | 11.8 | 10.8 | 11.3 | 9.9 |
| 57.5° | 17.0 | 15.5 | 13.9 | 12.3 | 11.4 | 11.6 | 9.9 |
| 55° | 19.3 | 16.7 | 15.1 | 12.8 | 12.1 | 11.8 | 9.9 |
| 52.5° | 21.7 | 18.1 | 16.4 | 13.3 | 12.7 | 12.0 | 9.9 |
| 50° | 24.3 | 20.5 | 17.7 | 13.8 | 13.5 | 12.3 | 9.9 |
| 47.5° | 27.2 | 23.1 | 19.1 | 14.4 | 14.2 | 12.5 | 9.9 |
| 45° | 32.3 | 25.9 | 20.6 | 15.5 | 15.0 | 12.7 | 9.9 |
| 42.5° | 37.4 | 28.7 | 22.1 | 16.6 | 15.9 | 13.0 | 9.9 |
| 40° | 42.8 | 31.7 | 24.0 | 18.3 | 16.8 | 13.2 | 9.9 |
| 37.5° | 48.5 | 34.7 | 26.4 | 20.2 | 17.7 | 13.5 | 9.9 |
| 35° | 54.1 | 38.8 | 28.7 | 22.2 | 18.6 | 13.7 | 9.9 |
| 32.5° | 60.7 | 43.3 | 31.1 | 24.1 | 19.6 | 13.9 | 9.9 |
| 30° | 69.1 | 47.8 | 33.5 | 26.1 | 20.6 | 14.2 | 9.9 |
| 27.5° | 77.3 | 52.1 | 36.7 | 28.1 | 21.6 | 14.4 | 9.9 |
| 25° | 85.3 | 56.4 | 39.9 | 30.2 | 22.6 | 14.6 | 9.9 |
| 22.5° | 93.0 | 60.9 | 43.1 | 32.2 | 23.6 | 14.9 | 9.9 |
| 20° | 100.4 | 65.9 | 46.2 | 34.2 | 24.6 | 15.1 | 9.9 |
| 17.5° | 108.0 | 70.8 | 49.3 | 36.1 | 25.6 | 15.3 | 9.9 |
| 15° | 115.5 | 75.5 | 52.2 | 38.1 | 26.6 | 15.5 | 9.9 |
| 12.5° | 122.6 | 80.1 | 55.0 | 40.0 | 27.6 | 15.7 | 9.9 |
| 10° | 129.2 | 84.5 | 57.7 | 41.8 | 28.6 | 15.9 | 9.9 |
| 7.5° | 135.3 | 88.6 | 60.4 | 43.6 | 29.5 | 16.1 | 9.9 |
| 5° | 140.9 | 92.5 | 62.8 | 45.4 | 30.4 | 16.3 | 9.9 |
| 2.5° | 145.9 | 96.2 | 65.2 | 47.0 | 31.3 | 16.4 | 9.9 |
| 0° | 150.3 | 99.5 | 67.4 | 48.6 | 32.1 | 16.6 | 9.9 |
| -2.5° | 155.5 | 103.5 | 70.5 | 50.7 | 33.3 | 17.2 | 9.9 |
| -5° | 160.0 | 107.2 | 73.5 | 52.6 | 34.5 | 17.8 | 9.9 |
| -7.5° | 163.9 | 110.5 | 76.3 | 54.5 | 35.6 | 18.3 | 9.9 |
| -10° | 167.2 | 113.5 | 79.0 | 56.2 | 36.6 | 18.9 | 9.9 |
| -12.5° | 169.7 | 116.2 | 81.4 | 57.8 | 37.6 | 19.4 | 9.9 |
| -15° | 171.6 | 118.5 | 83.6 | 59.3 | 38.5 | 19.9 | 9.9 |
| -17.5° | 172.7 | 120.4 | 85.5 | 60.6 | 39.3 | 20.4 | 9.9 |
| -20° | 173.5 | 121.9 | 87.3 | 61.8 | 40.0 | 20.8 | 9.9 |



REPORT NUMBER: P1305704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 174.4 | 123.1 | 88.8 | 62.9 | 40.7 | 21.2 | 9.9 |
| -25° | 174.4 | 124.6 | 90.0 | 63.8 | 41.3 | 21.6 | 9.9 |
| -27.5° | 173.7 | 125.9 | 90.9 | 64.5 | 41.8 | 22.0 | 9.9 |
| -30° | 172.2 | 126.7 | 91.7 | 65.1 | 42.2 | 22.3 | 9.9 |
| -32.5° | 169.8 | 127.2 | 92.9 | 65.5 | 42.5 | 22.6 | 9.9 |
| -35° | 169.0 | 127.2 | 93.9 | 65.7 | 42.7 | 22.8 | 9.9 |
| -37.5° | 168.5 | 127.2 | 94.6 | 65.8 | 42.9 | 23.0 | 9.9 |
| -40° | 167.4 | 127.7 | 95.0 | 65.7 | 43.0 | 23.2 | 9.9 |
| -42.5° | 165.6 | 127.9 | 95.3 | 65.6 | 43.0 | 23.3 | 9.9 |
| -45° | 163.1 | 127.8 | 95.5 | 65.8 | 42.9 | 23.4 | 9.9 |
| -47.5° | 160.1 | 127.3 | 95.4 | 65.7 | 42.7 | 23.4 | 9.9 |
| -50° | 158.5 | 126.5 | 95.0 | 65.7 | 42.4 | 23.4 | 9.9 |
| -52.5° | 156.8 | 125.4 | 94.4 | 65.6 | 42.1 | 23.4 | 9.9 |
| -55° | 154.7 | 123.8 | 93.4 | 65.3 | 41.6 | 23.3 | 9.9 |
| -57.5° | 152.2 | 122.0 | 92.2 | 64.9 | 41.1 | 23.2 | 9.9 |
| -60° | 149.3 | 119.8 | 90.8 | 64.3 | 40.5 | 23.1 | 9.9 |
| -62.5° | 146.0 | 117.2 | 89.5 | 63.5 | 39.9 | 22.9 | 9.9 |
| -65° | 142.3 | 114.3 | 88.1 | 62.5 | 39.2 | 22.6 | 9.9 |
| -67.5° | 138.1 | 111.4 | 86.3 | 61.3 | 38.4 | 22.4 | 9.9 |
| -70° | 133.6 | 108.4 | 84.4 | 60.1 | 37.5 | 22.1 | 9.9 |
| -72.5° | 129.0 | 105.1 | 82.3 | 58.7 | 36.5 | 21.8 | 9.9 |
| -75° | 124.1 | 101.5 | 79.9 | 57.1 | 35.4 | 21.4 | 9.9 |
| -77.5° | 118.8 | 97.6 | 77.5 | 55.5 | 34.3 | 21.0 | 9.9 |
| -80° | 113.2 | 94.0 | 74.9 | 53.7 | 33.0 | 20.6 | 9.9 |
| -82.5° | 108.8 | 90.5 | 72.2 | 51.8 | 31.8 | 20.2 | 9.9 |
| -85° | 104.4 | 86.9 | 69.3 | 49.7 | 30.4 | 19.7 | 9.9 |
| -87.5° | 99.9 | 83.0 | 66.2 | 47.6 | 29.0 | 19.2 | 9.9 |
| -90° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 8.8 | 9.9 |

(END OF REPORT)